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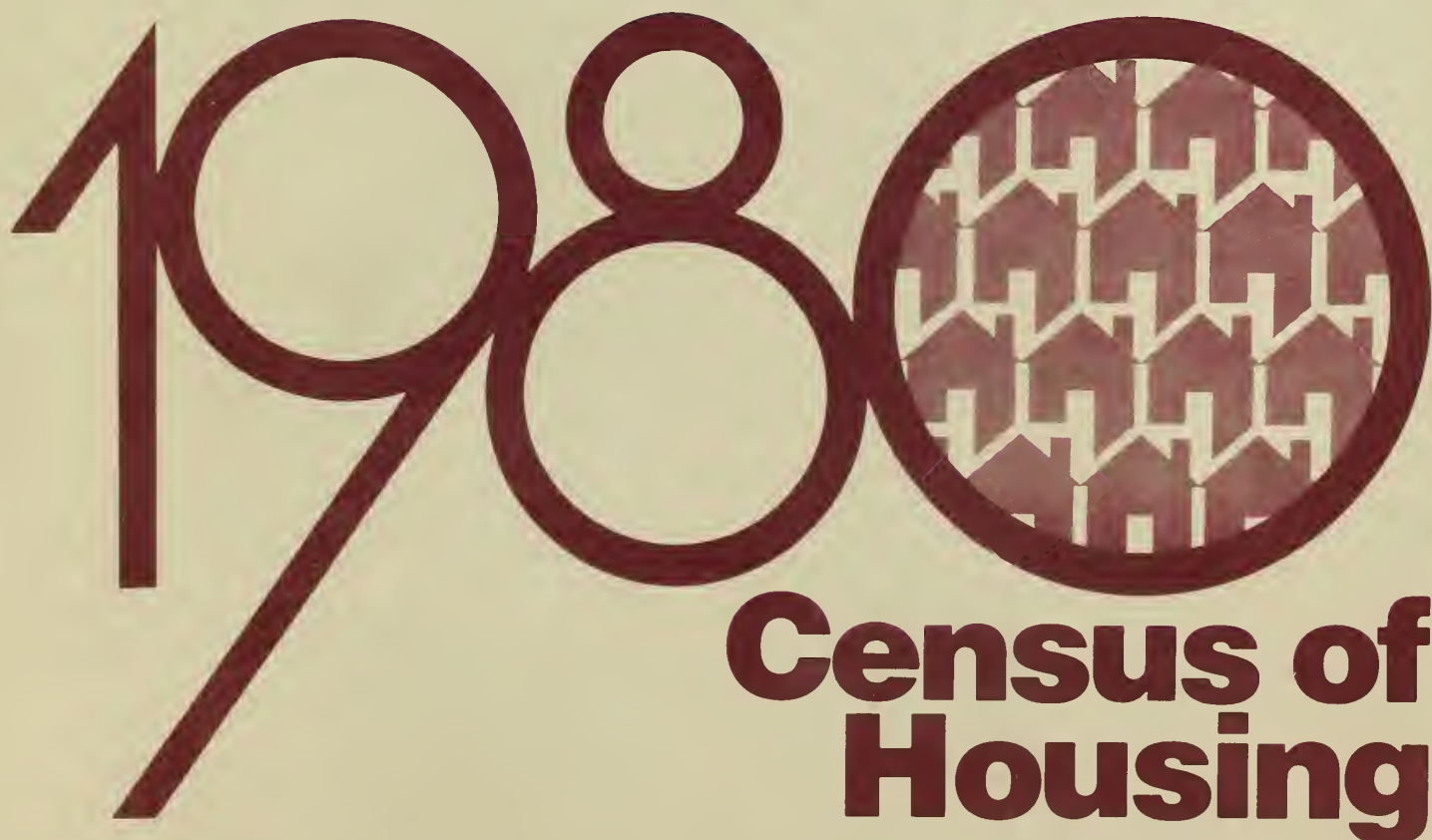
CHARACTERISTICS OF HOUSING UNITS

Detailed Housing Characteristics

MICHIGAN

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1980 Census of Housing

VOLUME 1
CHARACTERISTICS OF HOUSING UNITS

CHAPTER B

Detailed Housing Characteristics

PART 24

MICHIGAN

HC80-1-B24

Issued August 1983



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

BUREAU OF THE CENSUS
Bruce Chapman, Director

Data Index

This index provides a summary listing of the tables in which the particular data are presented. A detailed finding guide—by table—appears on page III. For a listing of the individual tables and their page numbers, see page 1.

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Bruce Chapman, Director
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HOUSING DIVISION
Arthur F. Young, Chief

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Table Finding Guide—Subjects by Type of Area and Table Number

This guide lists all subjects covered in this report but does not indicate cross-classifications (e.g., tenure). Data on allocation rates appear in tables B1 and B2. For meaning of abbreviations, see the Introduction. For a description of the area classifications, see appendix A. For definition and explanations of subject characteristics, see appendix B.

Subject	The State				SCSA's, SMSA's, Urban- ized Areas, Central Cities of SMSA's	Places ¹ of—			Counties			Ameri- can Indian Reserva- tions
	Total	Urban and Rural and Size of Place, Inside and Outside SMSA's	Rural	Rural Farm		50,000 or More	10,000 to 50,000	2,500 to 10,000	Total	Rural	Rural Farm	
SUMMARY CHARACTERISTICS . . .	54,55,56, 57,58,59	54,55,56, 57,58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	54,55,56, 57,58,59	54,55,56, 57,58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	—	—	102
TOTAL HOUSING UNITS	—	—	98	—	—	—	—	—	—	98	—	—
TOTAL POPULATION	—	—	98	99	—	—	—	—	—	98	99	—
OCCUPANCY AND VACANCY CHARACTERISTICS												
Occupied housing units	61,62,63, 64,65,66, 67,68,69, 70,71,72	61,62,63, 64,65,68, 69,70	98,100	99,101	74,75,76, 77,78,79, 80,81,82, 83,84,85	74,75,76, 77,78,79, 80,81,82, 83,84,85	88,89, 90	91,92	94,95, 96,97	98,100	99,101	102
Tenure	—	—	98	99	—	—	—	—	—	98	99	—
Persons in occupied housing units . . .	—	—	98	99	—	—	—	—	—	98	99	—
Year householder moved into unit . . .	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	—
Vacant housing units	—	—	98	—	—	—	—	—	—	98	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	—
Tenure	—	—	98	99	—	—	—	—	—	98	99	—
Plumbing facilities	—	—	98	99	—	—	—	—	—	98	99	—
Kitchen facilities	—	—	98	99	—	—	—	—	—	98	99	—
Vehicles available	—	—	98	99	—	—	—	—	—	98	99	—
Telephone in unit	—	—	98	99	—	—	—	—	—	98	99	—
Central heating system	—	—	98	99	—	—	—	—	—	98	99	—
Air conditioning	—	—	98	99	—	—	—	—	—	98	99	—
UTILIZATION CHARACTERISTICS												
Rooms	—	—	98	99	—	—	—	—	—	98	99	—
Size of household (Persons in unit) . . .	—	—	98	99	—	—	—	—	—	98	99	—
Persons per room	—	—	98	99	—	—	—	—	—	98	99	—
Bedrooms	60,63,64, 65,66,67	60,63,64, 65	—	—	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	—	—	—
STRUCTURAL CHARACTERISTICS												
Year structure built	60,63,64, 65,66,67	60,63,64, 65	100	101	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	100	101	—
Units in structure	60,63,64, 65,66,67	60,63,64, 65	100	101	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	100	101	—
By gross rent	60,63,64, 65,66,67	60,63,64, 65	—	—	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	—	93,96	—	—	—
Stories in structure	60	60	—	—	73	73	86	—	93	—	—	—
Passenger elevator	—	—	—	—	—	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS												
Plumbing facilities	—	—	98	99	—	—	—	—	—	98	99	—
Bathrooms	61,63,64, 65,66,67	61,63,64, 65	—	—	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	—	—	—

Table Finding Guide

This guide lists all subjects covered in this report but does not indicate cross-classifications (e.g., tenure). Data on allocation rates appear in tables B1 and B2. For meaning of abbreviations, see the Introduction. For a description of the area classifications, see appendix A. For definition and explanations of subject characteristics, see appendix B.

Subject	The State				SCSA's, SMSA's, Urban- ized Areas, Central Cities of SMSA's	Places ¹ of—			Counties			Ameri- can Indian Reserva- tions
	Total	Urban and Rural and Size of Place, Inside and Outside SMSA's	Rural	Rural Farm		50,000 or More	10,000 to 50,000	2,500 to 10,000	Total	Rural	Rural Farm	
PLUMBING CHARACTERISTICS—Con.												
Source of water	61,63,64,	61,63,64,	100	101	74,76,77,	74,76,77,	87,89	—	94,96	100	101	—
Sewage disposal	65,66,67	65			78,79,80	78,79,80						
EQUIPMENT AND FUELS												
Kitchen facilities	61,63,64,	61,63,64,	100	101	74,76,77,	74,76,77,	87,89	91,92	94,96	100	101	—
Heating equipment	65,66,67	65			78,79,80	78,79,80						
Vehicles available	61,63,64,	61,63,64,	100	101	74,76,77,	74,76,77,	87,89	91	94,96	100	101	—
Air conditioning	65,66,67	65			78,79,80	78,79,80						
Telephone in housing unit	61,63,64,	61,63,64,	100	101	74,76,77,	74,76,77,	87,89	91,92	94,96	100	101	—
	65,66,67	65			78,79,80	78,79,80						
Fuels used for house heating	62,68,69,	62,68,69,	100	101	75,81,82,	75,81,82,	88,90	91,92	95,97	100	101	—
	70,71,72	70			83,84,85	83,84,85						
Fuels used for water heating and cooking	62,68,69,	62,68,69,	—	—	75,81,82,	75,81,82,	88,90	—	95,97	—	—	—
	70,71,72	70			83,84,85	83,84,85						
FINANCIAL CHARACTERISTICS												
Value	—	—	98	—	—	—	—	—	—	98	—	—
Mortgage status and selected monthly owner costs	62,68,69,	62,68,69,	100	101	75,81,82,	75,81,82,	88,90	91,92	95,97	100	101	—
	70,71,72	70			83,84,85	83,84,85						
Rent:												
Contract rent, median	—	—	98	—	—	—	—	—	—	98	—	—
Gross rent	62,68,69,	62,68,69,	100	101	75,81,82,	75,81,82,	88,90	91,92	95,97	100	101	—
	70,71,72	70			83,84,85	83,84,85						
Income in 1979, median	62,68,69,	62,68,69,	100	101	75,81,82,	75,81,82,	88,90	91	95,97	100	101	—
	70,71,72	70			83,84,85	83,84,85						
Poverty Status in 1979	62,68,69,	62,68,69,	—	—	75,81,82,	75,81,82,	88,90	—	95,97	—	—	—
	70,71,72	70			83,84,85	83,84,85						

Note: Data for housing units with a White householder may be found in tables 55, 63, 68, 76, 81, 89, 90, 92, 96, and 97; data for a Black householder, tables 56, 64, 69, 77, 82, 89, 90, 92, 96, and 97; data for an American Indian, Eskimo, or Aleut householder, tables 57, 66, 71, 78, 83, 89, 90, 92, 96, and 97; data for an Asian and Pacific Islander householder, tables 58, 66, 71, 79, 84, 89, 90, 92, 96, and 97; and data for a Spanish Origin householder, tables 59, 65, 67, 70, 72, 80, 85, 89, 90, 92, 96, and 97.

¹Data for towns and townships are shown for Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

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GENERAL

This report is part of the *Detailed Housing Characteristics* series and presents sample data from the 1980 Census of Population and Housing on detailed characteristics of housing units for the State, classified by urban and rural residence and by size of place, its counties or comparable areas, places of 2,500 or more inhabitants, census designated places, standard consolidated statistical areas (SCSA's), standard metropolitan statistical areas (SMSA's), urbanized areas, American Indian reservations, Alaska Native villages and certain other geographic areas of the State. The abbreviated identification for this report is HC80-1-B (i.e., Housing Census, 1980-Volume 1-Chapter B) followed by a number representing the State. 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.

A large portion of the Housing information compiled from the 1980 Census of Population and Housing will appear in Volume 1, *Characteristics of Housing Units*, of which this report is part.

The total housing unit and population estimates for the various geographic entities shown here may differ from those shown in the *Advance Reports, PHC80-V*. The differences reflect corrections of

errors found after the PHC80-V reports were prepared. The changes may affect any geographic area shown in this report. Small differences may also result from the weighting techniques used to inflate the sample figures shown in this report to 100-percent totals. For further discussion of the estimation procedure, see Appendix D, "Accuracy of the Data."

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 census data and the 1970 census data for most characteristics. 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.

CONTENTS OF THE REPORT

This report contains text (this introduction and 6 appendixes), a table of contents, 49 detailed tables, and 2 allocation tables. In reports showing data on towns and townships, an additional 26 detailed tables and an allocation table are included.

A map of the State appears after the table of contents and shows county names and boundaries, the names and boundaries of SCSA's and SMSA's, the names and locations of all places with a population of 25,000 or more, and SMSA central cities with fewer than 25,000 inhabitants. Then follow the

detailed tables and the tables covering allocations. The first table in this report is table 54; tables 1 to 53 appear in the Series HC80-1-A, *General Housing Characteristics* report for this State.

Each table is identified by a table number and title. The "stubhead" at the left under the title defines the types of geographic areas for which data are shown in the particular table and is considered part of the table title. Names and boundaries of American Indian reservations are shown on the county subdivision map in the HC80-1-A, *General Housing Characteristics* reports. In the Alaska report, the subdivision map also shows the names and locations of Alaska Native villages.

A table finding guide lists the characteristics and various race/Spanish origin groups covered in this report and shows the tables in which the various types of statistics appear.

The amount of detail presented in this report is generally greater for larger places than for smaller ones. The greatest amount of detail is shown for the State and its urban and rural parts and for SCSA's, SMSA's, urbanized areas, places with a population of 10,000 or more, and counties. Somewhat less detail is shown for places of 2,500 to 10,000 and for rural and rural farm portions of counties. The least amount of detail is shown for American Indian reservations and, in Alaska, for Alaska Native villages.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., urban and rural residence, census designated places, and urbanized areas). 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, editing procedures, and a descrip-

tion of allocation tables B-1 and B-2, Appendix E contains facsimiles of the respondent instructions and 1980 census questionnaire pages showing the population and housing questions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Medians and Percents)

This report presents medians and percents as well as certain 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 fall below the median and one-half of the cases exceed the median. Percents and other derived measures which round to less than 0.1 are not shown but indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth, for persons to the nearest hundredth, for value to the nearest hundredth dollar, and for income, selected monthly owner costs, contract rent, and gross rent to the nearest dollar. In computing medians for rooms and persons in unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded.

The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-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 open-ended 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 “\$200,000 or more,” it is shown as “200,000+.”

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 individuals or housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SCSA is standard consolidated statistical area.
- SMSA is standard metropolitan statistical area.

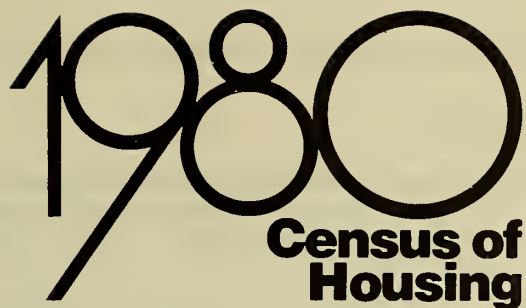
SUPPRESSION OF DATA FOR CONFIDENTIALITY

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: estimates 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 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 owner-occupied or renter-occupied housing units is less than 10.



Detailed Housing Characteristics

MICHIGAN

HC80-1-B24

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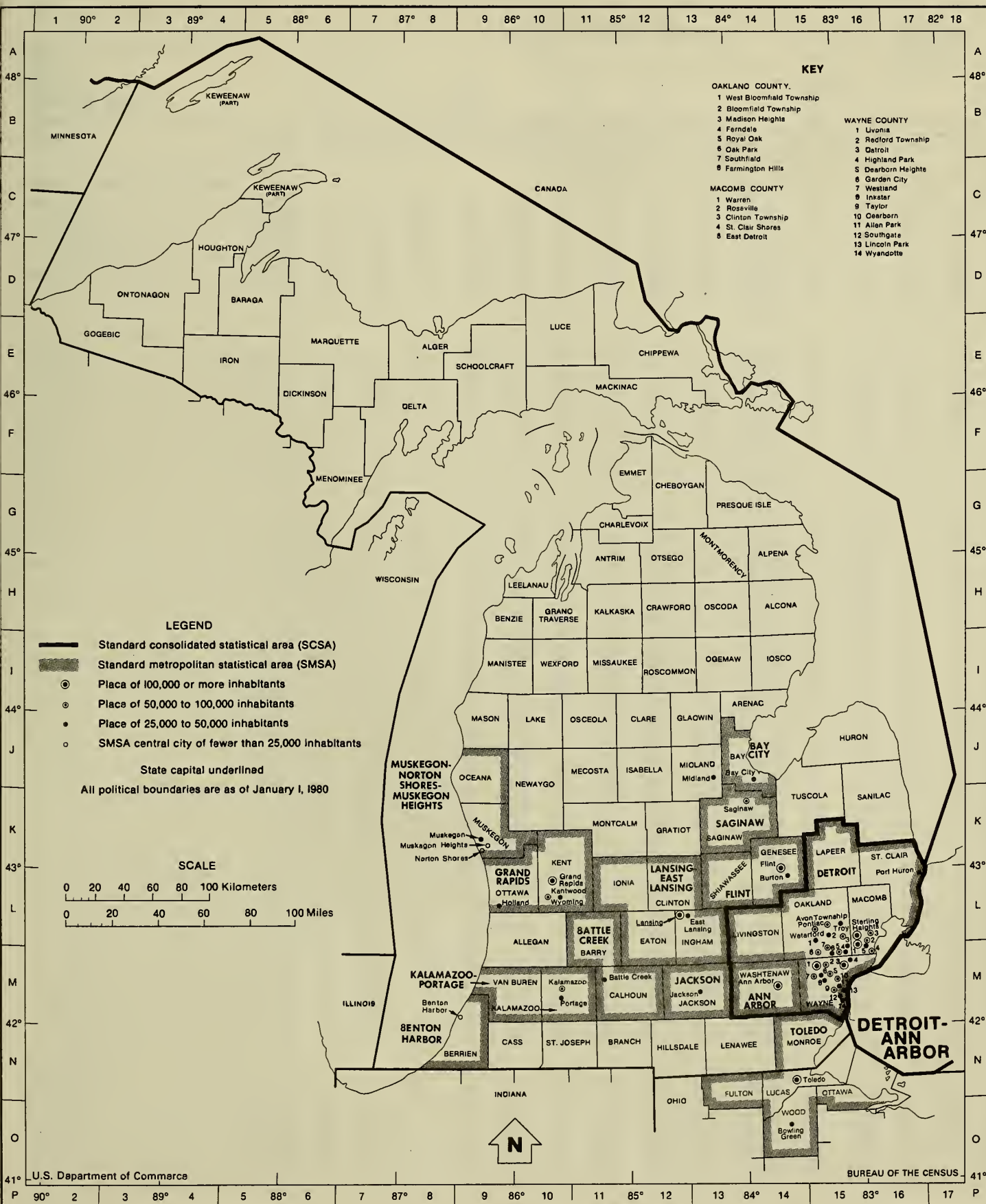
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Standard Consolidated Statistical Area, Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Corrections to the 1980 census counts of the total population and total housing units have been made to some of the areas shown in this report. These corrections can be found in the correction note in PC80-1-A1, Number of Inhabitants, United States Summary; the PC80-1-B, General Population Characteristics; HC80-1-A, General Housing Characteristics Individual State reports and the United States Summary. Any additional corrections made after these reports were printed are available by writing to Data User Services Division, Customer Services (Corrections), Bureau of the Census, Washington, D.C. 20233.

Median income figures for occupied housing units in this report were calculated using linear interpolation. This differs from the methodology used in other 1980 census reports. In the other reports median income figures less than \$30,000 were derived through linear interpolation; median income values of \$30,000 or more were derived using Pareto interpolation.

Table 54. Summary of Detailed Housing Characteristics: 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]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

	Year-round housing units										Occupied housing units					
	Year structure built	Percent with—									Total	Percent with—		Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms		Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
The State	3 450 696	22.1	27.6	12.5	72.5	71.4	91.2	34.3	97.7	56.0	3 195 213	20.0	90.3	363	159	250
URBAN AND RURAL AND SIZE OF PLACE																
Urban	2 432 286	17.9	27.6	16.6	93.7	93.1	95.2	41.8	98.4	54.4	2 310 069	20.9	88.2	360	163	251
Inside urbanized areas	2 143 266	17.8	25.2	17.0	93.6	92.8	95.6	44.1	98.5	54.6	2 038 096	20.5	88.0	362	165	255
Central cities	840 630	6.5	44.1	17.5	99.7	98.8	93.9	32.5	97.5	47.2	783 228	22.0	78.1	320	151	225
Urban fringe	1 302 636	25.0	13.1	16.7	89.6	89.0	96.7	51.6	99.1	59.3	1 254 868	19.6	94.1	386	174	286
Outside urbanized areas	289 020	18.8	45.0	13.2	94.3	94.8	92.1	24.5	97.8	53.3	271 973	23.8	89.7	349	149	225
Places of 10,000 or more	103 165	17.5	42.3	14.9	97.5	97.2	93.0	23.7	98.0	52.2	97 394	25.9	88.8	356	151	226
Places of 2,500 to 10,000	185 855	19.6	46.5	12.3	92.6	93.5	91.7	24.9	97.7	53.9	174 579	22.6	90.3	347	149	225
Rural	1 018 410	32.0	27.7	2.9	22.1	19.6	81.5	16.3	96.0	59.8	885 144	17.4	95.9	370	150	242
Places of 1,000 to 2,500	96 147	17.8	44.3	7.1	84.6	82.8	87.4	19.7	97.7	55.0	87 357	20.7	91.1	328	144	217
Other rural	922 263	33.5	25.9	2.4	15.5	13.0	80.9	16.0	95.8	60.3	797 787	17.1	96.4	376	151	248
Farm	55 460	11.8	67.0	—	1.9	0.9	83.0	13.4	97.2	81.6	55 460	5.6	97.8	418	170	232
INSIDE AND OUTSIDE SMSA's																
Inside SMSA's	2 785 106	20.9	26.0	14.2	80.6	79.8	94.0	39.6	98.3	56.7	2 644 165	20.1	89.7	367	164	255
Urban	2 266 454	18.0	26.0	16.8	93.5	92.9	95.4	43.4	98.4	54.5	2 154 861	20.7	88.1	361	164	254
Central cities	861 988	7.3	42.6	18.0	99.0	97.4	94.0	33.1	97.5	47.4	804 024	22.4	78.7	322	151	225
Not in central cities	1 404 466	24.5	15.9	16.0	90.1	90.1	96.3	49.8	99.0	58.9	1 350 837	19.7	93.7	383	172	281
Rural	518 652	33.6	25.8	3.2	24.6	22.6	87.9	22.6	97.9	66.0	489 304	17.3	96.8	391	164	257
Outside SMSA's	665 590	27.0	34.3	5.3	38.7	36.2	79.0	12.0	94.9	53.2	551 048	19.5	93.0	337	140	219
Urban	165 832	16.8	48.4	13.7	96.9	95.8	91.5	18.9	97.7	52.9	155 208	24.4	88.5	341	146	213
Rural	499 758	30.4	29.6	2.5	19.5	16.5	74.9	9.8	93.9	53.4	395 840	17.5	94.8	335	138	224
SCSA's																
Detroit—Ann Arbor, Mich.	1 685 862	19.3	23.7	16.3	90.2	88.6	95.5	44.9	98.5	56.9	1 601 967	19.0	88.2	379	172	265
Urban	1 538 543	17.3	23.9	17.5	96.3	94.9	96.1	47.1	98.5	55.8	1 462 209	19.1	87.3	373	172	264
Rural	147 319	40.3	21.5	3.0	26.4	22.1	89.8	22.9	98.2	69.0	139 758	18.1	97.5	441	179	283
SMSA's																
Ann Arbor, Mich.	97 397	27.0	20.5	30.0	81.6	81.7	96.7	48.1	98.3	48.0	92 937	32.1	92.4	467	201	300
Urban	78 123	26.0	18.3	37.2	97.7	97.6	97.6	53.3	98.3	41.9	74 576	35.7	90.9	451	199	300
Rural	19 274	31.3	29.4	1.1	16.5	17.2	93.2	26.9	98.1	72.7	18 361	17.5	98.4	512	206	304
Battle Creek, Mich.	71 710	17.6	37.7	8.0	51.8	43.8	88.8	26.8	97.4	54.4	66 556	19.6	91.5	324	145	223
Urban	40 086	11.4	41.4	12.2	83.1	68.8	93.5	32.5	97.9	50.6	38 023	22.0	87.6	311	142	216
Rural	31 624	25.5	32.9	2.7	12.1	12.0	82.9	19.6	96.8	59.1	28 533	16.5	96.7	343	150	250
Bay City, Mich.	43 116	22.0	34.4	8.0	82.5	62.0	91.3	27.0	97.6	58.1	41 348	16.9	92.0	355	164	227
Urban	29 395	17.3	40.0	10.3	99.0	81.5	93.7	31.1	97.9	54.6	28 287	17.8	90.3	343	162	224
Rural	13 721	32.0	22.3	3.0	47.0	20.2	86.1	18.1	96.9	65.7	13 061	15.0	95.9	377	169	247
Benton Harbor, Mich.	65 635	18.8	29.9	9.7	56.9	63.7	89.0	42.7	97.8	53.4	60 276	20.9	90.0	339	147	236
Urban	36 473	16.1	30.4	12.1	74.7	88.6	91.3	45.5	97.8	50.5	34 114	22.4	87.1	328	148	234
Rural	29 162	22.3	29.3	6.8	34.7	32.5	86.2	39.2	97.8	57.0	26 162	18.8	93.8	353	147	240
Detroit, Mich.	1 588 465	18.9	23.9	15.4	90.7	89.0	95.4	44.8	98.5	57.5	1 509 030	18.2	87.9	376	171	261
Urban	1 460 420	16.9	24.2	16.5	96.2	94.8	96.0	46.7	98.5	56.5	1 387 633	18.2	87.1	371	171	260
Rural	128 045	41.6	20.3	3.3	27.9	22.9	89.2	22.3	98.3	68.5	121 397	18.2	97.4	433	174	281
Flint, Mich.	186 991	22.4	24.1	10.0	62.8	80.0	93.7	31.4	98.5	57.0	178 000	20.2	91.8	343	161	257
Urban	137 902	17.7	25.1	12.6	79.2	96.7	94.3	34.8	98.5	52.3	130 869	21.6	89.8	330	156	255
Rural	49 089	35.5	21.3	2.9	16.5	33.3	92.2	21.8	98.6	70.5	47 131	16.3	97.3	378	177	265
Grand Rapids, Mich.	216 278	25.6	29.5	10.7	73.1	70.0	94.0	29.6	98.6	58.4	206 047	22.5	92.7	339	144	227
Urban	160 731	21.4	32.2	13.6	92.0	89.7	95.3	33.6	98.6	55.3	152 954	24.0	91.0	328	143	224
Rural	55 547	37.7	21.7	2.4	18.4	12.9	90.2	17.9	98.6	67.5	53 093	18.1	97.7	374	152	254
Jackson, Mich.	53 629	20.6	38.3	7.9	46.9	59.4	92.5	26.7	97.6	56.0	50 974	20.2	92.2	339	151	235
Urban	29 598	11.7	47.7	11.9	73.1	90.4	94.8	30.5	97.3	50.6	28 209	22.5	88.7	314	145	231
Rural	24 031	31.5	26.7	2.9	14.7	21.2	89.6	22.0	98.0	62.6	22 765	17.4	96.5	374	161	246
Kalamazoo—Portage, Mich.	104 801	25.0	29.3	15.0	62.3	49.3	90.9	36.1	98.1	53.0	98 526	25.6	92.1	362	155	238
Urban	62 895	21.1	29.1	21.8	87.5	69.0	95.1	42.1	98.2	48.5	59 497	29.8	90.1	357	158	239
Rural	41 906	30.8	29.7	4.7	24.6	19.6	84.5	27.1	97.9	59.7	39 029	19.3	95.2	369	150	233
Lansing—East Lansing, Mich.	166 484	26.4	29.1	17.2	71.2	74.0	92.7	35.6	98.2	54.5	159 301	26.4	93.0	372	158	253
Urban	114 447	24.9	25.6	23.7	94.4	97.0	95.2	42.6	98.4	47.7	109 572	30.7	91.2	364	157	254
Rural	52 037	29.7	36.7	2.8	20.0	23.5	87.1	20.3	97.8	69.6	49 729	17.0	97.1	386	162	251
Muskegon—Norton Shores—Muskegon Heights, Mich.	66 040	19.8	29.7	7.4	58.3	53.3	87.1	14.2	98.0	53.4	61 944	18.2	91.6	300	136	212
Urban	42 317	15.6	30.6	11.0	80.7	74.7	91.5	17.8	98.7	50.2	40 203	19.2	89.3	291	133	209
Rural	23 723	27.4	28.2	0.9	18.4	15.1	79.1	7.7	96.8	59.1	21 741	16.4	95.8	318	142	225
Saginaw, Mich.	79 436	23.0	28.2	9.6	81.6	75.8</										

Table 54. Summary of Detailed Housing Characteristics: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Year-round housing units										Occupied housing units					
	Total	Percent with—									Total	Percent with—		Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		Year structure built		Source of water by public system or private company			Central heating system		1 or more complete bath-rooms			1 or more vehicles available		With a mortgage	Not mortgaged	
		1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available						
URBANIZED AREAS—Con.																
Muskegon—Muskegon Heights, Mich.	39 799	15.0	30.8	11.6	82.3	75.4	91.7	18.1	98.7	50.1	37 825	19.2	88.9	291	134	208
Port Huron, Mich.	22 692	17.4	38.7	10.3	95.4	90.8	93.7	24.5	97.8	53.5	21 668	21.7	89.5	343	158	246
Saginaw, Mich.	53 227	18.2	30.4	12.8	99.1	97.4	91.4	35.2	98.8	54.6	50 781	21.4	87.9	343	160	256
South Bend, Ind.—Mich.	87 044	16.3	33.9	12.8	80.9	81.9	94.2	55.9	98.5	50.5	82 268	20.1	88.4	289	121	222
Indiana (pt.)	77 745	16.4	33.9	13.0	82.2	81.4	94.4	56.6	98.6	50.5	73 388	20.1	88.3	287	119	222
Michigan (pt.)	9 299	15.2	33.8	11.2	70.4	86.1	92.6	50.0	97.7	50.5	8 880	20.0	89.3	297	140	225
Toledo, Ohio—Mich.	190 364	18.7	35.5	17.4	96.5	94.5	93.0	51.9	98.4	52.6	177 867	21.3	88.3	354	140	237
Michigan (pt.)	4 517	22.1	12.3	5.8	53.6	56.3	94.4	44.9	99.1	72.3	4 382	13.3	97.5	424	189	258
Ohio (pt.)	185 847	18.6	36.0	17.7	97.5	95.4	92.9	52.1	98.4	52.1	173 485	21.5	88.0	350	139	237
PLACES OF 2,500 OR MORE																
Adrian city	7 642	14.4	48.0	15.9	99.4	98.7	92.6	36.8	97.0	48.1	7 241	24.2	89.0	340	155	242
Albion city	3 789	9.0	48.5	12.8	96.9	98.4	90.2	18.9	97.1	53.9	3 527	23.6	82.7	297	147	204
Algonac city	1 657	28.5	34.2	11.0	97.6	99.0	90.6	21.2	99.0	54.3	1 584	22.4	90.7	334	176	216
Allegan city	1 708	9.1	67.3	7.1	96.7	94.7	92.4	24.0	97.1	60.6	1 612	19.3	92.8	298	139	208
Allen Park city	12 135	5.4	6.6	8.1	100.0	99.9	99.1	67.5	99.8	72.7	11 994	9.8	95.4	372	188	307
Alma city	3 241	19.2	44.6	13.8	97.3	99.0	90.7	28.3	98.9	52.5	3 090	27.3	90.2	314	133	207
Alpena city	4 840	12.0	57.4	6.9	99.9	99.7	95.5	4.1	99.2	59.5	4 574	22.6	86.0	308	147	191
Ann Arbor city	40 133	20.3	21.3	37.4	99.7	99.5	98.6	51.3	98.2	41.5	38 934	37.5	89.4	504	224	309
Bad Axe city	1 263	20.8	47.5	13.1	97.9	96.7	88.3	26.4	98.8	58.8	1 185	21.4	91.8	341	146	196
Battle Creek city	15 101	8.7	57.9	14.7	99.0	96.4	94.1	27.9	97.5	44.3	14 124	24.9	80.5	284	138	205
Bay City city	7 314	7.1	60.1	7.4	100.0	99.5	92.1	26.9	97.1	53.6	15 545	18.0	86.3	329	161	207
Becher (CDP)	5 524	11.3	11.0	4.0	98.7	97.5	87.5	18.8	98.1	64.0	5 045	19.7	87.2	284	148	271
Belding city	2 010	21.5	49.5	10.5	98.0	91.6	92.8	29.1	97.0	57.8	1 952	22.0	89.8	279	122	185
Belleville city	1 496	49.8	19.6	26.3	100.0	99.2	97.8	58.8	99.3	39.2	1 430	24.9	95.0	375	186	286
Benton Harbor city	5 182	2.8	47.0	11.5	99.1	97.6	83.8	17.8	94.1	41.4	4 597	25.8	65.9	277	136	213
Benton Heights (CDP)	2 464	7.1	24.7	3.5	36.0	84.0	81.5	22.7	96.8	44.0	2 204	23.2	78.1	257	123	227
Berkley city	6 747	6.6	17.6	5.2	99.9	99.9	97.5	47.4	99.5	64.9	6 670	13.3	94.0	352	168	264
Bessemer city	1 099	4.8	79.3	5.3	98.5	92.3	92.7	0.9	93.8	52.8	993	11.0	82.9	300	132	147
Beverly Hills village	4 092	6.7	5.1	5.5	92.9	98.7	99.5	60.5	99.7	83.2	3 970	12.3	97.9	578	243	500+
Big Rapids city	3 359	19.6	37.1	24.9	91.2	96.8	87.9	15.0	97.3	39.7	3 264	43.4	87.4	344	131	185
Birmingham city	9 301	6.7	25.0	17.5	99.7	99.6	99.3	59.8	99.9	59.6	8 979	18.3	94.7	526	223	412
Blissfield village	1 170	13.3	56.8	2.6	100.0	97.9	92.6	39.7	98.3	59.4	1 127	12.2	92.5	391	195	247
Bloomfield Hills city	1 360	20.9	19.0	12.1	86.0	96.0	98.8	77.4	100.0	80.2	1 273	15.6	99.5	1000+	400+	500+
Bozette city	1 456	23.6	19.3	6.5	85.0	76.6	86.3	4.5	98.1	51.4	1 257	20.5	88.2	301	140	218
Brighton city	1 869	53.0	19.3	36.9	97.1	98.7	93.4	58.3	97.3	37.6	1 675	32.1	94.7	475	179	307
Brownlee Park (CDP)	1 199	8.3	34.9	1.0	45.6	29.3	84.2	26.3	96.8	21.9	1 152	24.1	91.5	240	115	202
Buchanan city	2 080	20.9	41.8	20.1	99.3	95.5	89.3	57.5	98.2	45.4	1 915	26.2	87.6	306	139	232
Burton city	10 626	12.6	16.8	8.7	42.3	89.1	92.5	31.8	98.9	54.5	10 299	16.8	93.6	325	161	246
Cadillac city	4 084	17.4	57.6	9.6	88.2	92.2	90.1	6.7	98.2	55.0	3 822	24.4	85.2	327	148	199
Carleton village	967	58.8	25.7	3.8	98.7	92.6	94.8	39.0	99.0	50.2	944	29.9	96.9	382	159	251
Caro village	1 777	20.8	51.5	13.1	97.6	98.5	86.8	31.1	96.3	46.8	1 678	18.8	87.7	363	137	204
Cedar Springs city	940	28.4	38.1	10.0	97.6	97.7	89.4	23.5	97.9	41.6	859	33.6	90.1	286	134	199
Center Line city	3 642	14.9	14.9	23.8	100.0	99.8	99.1	50.4	99.5	52.1	3 581	10.6	85.4	348	177	158
Charlevoix city	1 598	24.2	56.8	18.1	99.4	94.6	95.5	2.1	98.4	57.4	1 302	21.3	89.6	367	141	230
Charlotte city	3 170	15.0	51.6	12.9	98.9	96.4	90.6	23.7	97.3	47.5	3 007	27.5	89.9	324	151	221
Cheboygan city	2 018	14.4	58.2	10.8	93.2	86.1	84.8	7.6	96.9	57.3	1 803	19.1	87.5	318	138	201
Chelsea village	1 386	12.0	46.5	10.0	99.1	98.6	96.4	40.4	98.4	56.9	1 342	18.1	92.5	454	179	285
Chesaning village	959	10.3	43.5	2.6	97.2	95.5	91.4	26.3	98.5	54.6	915	17.2	96.0	356	168	220
Clare city	1 416	31.4	27.4	17.9	92.1	90.2	92.9	22.9	97.8	42.4	1 287	30.3	89.9	367	153	179
Clawson city	5 509	10.3	13.1	17.8	100.0	99.9	96.7	54.5	99.6	62.7	5 420	15.9	91.4	350	172	292
Clio city	1 096	26.3	38.5	28.6	98.2	98.7	91.1	42.4	94.4	36.4	1 030	28.1	88.0	324	166	254
Coldwater city	3 809	15.7	50.8	12.9	95.8	96.2	94.4	24.9	96.6	50.4	3 581	24.0	88.5	302	143	223
Comstock Park (CDP)	1 947	26.9	15.0	15.4	76.7	84.0	95.2	41.3	98.9	54.4	1 817	23.4	96.7	292	133	289
Coopersville city	1 000	35.3	34.8	4.5	90.2	90.7	94.2	15.4	98.9	62.0	963	26.0	96.1	316	159	224
Corunna city	1 107	20.2	43.6	19.0	76.9	94.7	90.6	30.9	98.3	45.9	1 064	24.3	90.5	313	150	239
Cutlerville (CDP)	3 114	50.9	5.5	0.2	59.3	83.8	95.0	27.4	99.0	37.2	3 024	27.0	95.0	296	126	244
Davison city	2 507	34.9	14.8	33.5	98.6	99.1	94.1	49.3	96.6	43.6	2 389	23.9	89.4	358	155	250
Dearborn city	35 692	4.9	31.6	8.7	100.0	99.7	98.7	58.3	98.5	58.0	34 890	12.4	89.8	368	157	255
Dearborn Heights city	23 483	5.5	6.0	5.3	99.9	99.7	98.0	59.0	99.8	72.7	23 197	9.4	95.3	338	185	306
Detroit city	471 228	3.2	45.6	18.7	99.9	99.1	93.8	33.1	97.2	47.1	433 488	18.6	72.5	320	154	216
De Witt city	1 029	52.0	17.5	11.3	23.8	72.5	97.7	28.1	100.0	71.6	992	30.1	97.2	491	176	279
Dowagiac city	2 434	15.1	52.7	13.4	98.4	98.2	86.9	41.1	97.5	52.1	2 276	22.1	86.6	277	132	216
Dundee village	997	14.0	39.8	13.6	100.0	98.3	86.6	44.8	98.1	44.3	970	24.0	90.2	378	173	244
Durand city	1 455	19.5	56.3	0.8	95.6	93.1	88.7	30.4	98.6	65.1	1 393	19.8	94.1	321	147	236
East Detroit city	13 456	3.7	12.9	5.8	100.0	100.0	98.1	51.5	99.7	60.6	13 302	10.2	92.8	337	182	277
East Grand Rapids city	3 825	4.0	30.6	1.9	100.0	100.0	99.2	50.9	100.0	60.6	3 754	11.5	97.4	472	223	280
East Lansing city	13 108	18.2	12.6	50.9	99.8	99.7	98.6	51.9	98.6	36.6						

Table 54. Summary of Detailed Housing Characteristics: 1980—Con.

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

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

PLACES OF 2,500 OR MORE—Con.

	Year-round housing units										Occupied housing units					
	Total	Percent with—									Total	Percent with—		Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter
		Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms		Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
		1970 to March 1980	1939 or earlier														With a mortgage	Not mortgaged
Gibraltar city	1 617	32.3	13.8	20.9	99.8	99.8	97.2	47.0	99.6	56.9	1 488	20.6	98.1	374	190	314
Gladstone city	1 778	11.5	62.8	8.7	90.7	89.5	89.7	2.7	96.1	62.3	1 628	16.3	90.9	335	150	199
Grand Blanc city	2 761	40.0	6.8	35.7	98.2	98.4	98.3	65.8	98.9	51.7	2 576	30.6	95.3	469	199	287
Grand Haven city	4 770	15.8	40.3	11.5	98.0	94.8	93.1	16.1	97.9	51.8	4 484	27.2	91.5	339	153	226
Grand Ledge city	2 786	37.3	36.7	15.6	99.5	98.5	93.2	37.7	98.2	44.9	2 647	29.1	93.1	349	166	261
Grand Rapids city	69 847	8.3	49.1	11.8	98.8	98.4	93.8	27.3	97.9	52.7	65 535	24.4	85.3	315	141	209
Grandville city	4 273	30.3	15.8	9.9	96.1	84.9	95.7	37.6	99.9	67.1	4 154	25.2	96.0	347	151	254
Grandville city	3 235	19.6	44.2	12.1	97.2	93.5	87.9	27.0	97.7	45.6	3 098	21.3	89.5	304	123	197
Greenville city	2 463	5.9	57.5	8.9	100.0	99.7	98.3	59.8	100.0	69.8	2 384	11.8	92.2	615	285	400
Grosse Pointe city	3 869	1.6	37.3	—	100.0	99.8	99.8	64.7	100.0	83.5	3 791	8.1	97.8	593	295	392
Grosse Pointe Farms city	4 990	1.1	66.1	1.9	100.0	99.8	99.1	51.9	99.4	69.6	4 834	18.0	94.0	594	287	296
Grosse Pointe Park city	1 050	17.9	10.2	0.6	100.0	100.0	99.4	80.6	100.0	91.3	1 013	9.7	98.8	976	400+	308
Grosse Pointe Woods city	6 658	4.3	10.3	1.4	99.9	99.8	99.3	68.1	100.0	78.8	6 589	6.8	97.2	519	245	381
Hamtramck city	10 300	1.1	77.8	4.9	99.9	99.4	86.8	29.4	93.6	31.2	9 202	17.4	69.2	274	125	179
Hancock city	1 983	10.6	70.8	19.2	99.7	97.6	91.9	5.5	93.7	51.1	1 857	22.0	79.4	332	155	186
Harper Woods city	6 595	2.2	3.5	13.2	99.9	99.9	97.6	61.8	99.5	52.0	6 529	8.3	90.8	351	178	319
Hoslett (CDP)	3 325	51.2	9.7	36.7	78.3	94.7	95.6	51.6	98.5	37.0	3 063	34.2	93.2	379	200	293
Hostings city	2 508	7.7	57.3	7.1	96.7	94.5	89.8	23.2	96.7	58.2	2 387	20.7	88.0	311	143	206
Hazel Park city	7 693	6.8	28.0	8.8	100.0	99.5	95.0	43.3	98.7	47.3	7 289	15.6	91.1	301	145	283
Highland Park city	11 727	9.4	55.6	39.3	100.0	96.9	94.5	26.8	95.8	40.1	10 304	25.9	58.0	312	176	190
Hillsdale city	2 893	10.5	62.6	14.8	99.0	92.9	94.9	23.5	95.9	50.3	2 716	25.0	83.4	324	143	207
Holland city	9 627	14.9	38.1	8.8	87.9	89.6	96.1	26.4	98.0	55.6	9 188	23.1	90.5	335	145	239
Holly village	1 712	26.3	35.3	11.2	94.2	85.0	95.0	30.3	99.4	61.3	1 606	22.9	93.9	344	164	264
Holt (CDP)	3 794	38.4	10.3	22.5	91.4	96.5	96.1	41.6	99.1	47.2	3 682	28.6	93.6	369	172	257
Haughton city	1 818	20.0	58.6	38.0	90.0	97.9	96.9	95.8	3.9	97.0	1 748	31.4	87.1	379	159	190
Howell city	2 844	32.0	42.1	25.9	92.4	91.3	93.7	45.0	97.9	44.5	2 664	29.0	91.6	405	167	268
Hudson city	930	4.6	72.9	4.1	98.8	95.4	92.2	31.7	98.5	65.5	886	11.9	88.7	324	148	223
Hudsonville city	1 637	40.5	14.9	7.5	87.9	96.9	96.7	36.2	100.0	56.8	1 583	23.2	97.5	311	142	243
Hudsonville city	2 469	0.6	19.3	0.5	100.0	100.0	98.9	72.7	100.0	86.6	2 451	11.2	98.7	532	260	452
Hunfington Woods city	12 247	14.8	6.5	18.7	100.0	99.4	94.8	46.5	98.6	57.2	11 753	17.2	87.9	316	163	249
Inkster city	2 347	8.9	68.8	8.6	99.7	97.1	90.6	27.2	97.4	60.1	2 186	22.6	87.1	295	130	216
Ionia city	3 637	10.8	71.6	6.8	99.1	97.0	92.7	15.1	98.1	50.1	3 371	18.7	86.8	367	148	223
Iron Mountain city	3 424	5.9	73.4	7.3	100.0	95.8	90.8	5.4	95.6	50.8	3 185	12.8	80.7	279	139	174
Ironwood city	3 298	10.8	72.2	12.5	99.8	96.8	91.0	4.5	96.6	44.0	2 987	14.2	83.6	355	173	209
Ishpeming city	1 112	19.6	51.7	4.2	96.5	94.4	88.8	19.2	98.1	60.1	1 064	19.9	92.3	297	142	213
Ithaca city	15 937	4.8	68.4	12.4	99.3	98.9	95.2	26.1	96.3	48.3	15 005	25.8	82.7	297	142	213
Jackson city	4 673	44.6	1.3	4.7	74.2	33.2	98.8	32.2	99.7	80.2	4 588	13.6	98.5	345	158	304
Jenison (CDP)	30 199	13.7	42.1	22.9	99.6	94.4	94.8	36.1	97.5	42.6	28 375	33.9	85.4	346	163	232
Kalamazoo city	1 324	20.3	35.9	13.4	85.3	98.5	89.6	46.1	98.8	32.1	1 250	32.8	93.2	328	156	327
Kentwood city	12 110	55.7	4.5	33.1	93.3	90.0	97.5	54.5	99.3	46.6	11 453	35.0	96.4	364	154	259
Kingsford city	2 090	14.9	60.0	5.9	99.6	97.0	95.5	8.7	99.2	55.7	1 987	15.7	91.0	339	144	217
K. I. Sawyer AFB (CDP)	1 886	6.8	0.7	6.2	99.2	98.9	97.8	1.5	100.0	83.2	1 867	51.8	99.4	—	127	216
Lake Fenton (CDP)	1 123	26.4	19.5	—	2.1	95.8	97.2	20.1	100.0	73.6	1 026	20.7	97.5	483	192	252
Lake Orion village	1 156	15.9	47.8	14.4	96.8	97.6	93.1	30.8	99.8	45.9	1 090	26.4	94.6	462	187	276
Lake Orion Heights (CDP)	1 361	45.0	16.0	18.3	33.1	70.0	94.7	37.5	97.4	59.7	1 297	20.5	97.5	405	183	356
Lakeview (CDP)	4 919	9.4	16.2	4.5	72.5	16.7	97.0	45.5	99.3	68.6	4 781	16.0	94.5	381	168	249
Lambertville (CDP)	1 895	17.2	11.1	0.6	35.8	21.8	95.0	39.3	99.0	78.4	1 856	12.5	97.6	420	185	280
L'Anse village	967	19.3	56.2	11.1	99.3	96.1	86.9	11.5	97.2	51.5	881	20.3	88.1	306	143	167
Lansing city	51 938	18.6	31.1	18.6	99.3	98.8	94.9	39.2	98.2	46.2	49 516	29.0	88.2	326	146	243
Lapeer city	2 580	31.2	41.1	22.4	97.9	96.8	93.6	27.2	98.3	42.6	2 331	33.5	89.4	353	152	232
Lathrup Village city	1 494	13.9	12.7	1.5	100.0	97.1	99.0	73.2	99.6	86.0	1 494	9.6	98.6	554	260	450
Laurium village	1 144	4.7	84.8	9.7	100.0	100.0	92.1	3.0	96.7	63.9	1 004	16.6	78.2	323	139	183
Level Park—Oak Park (CDP)	1 164	6.6	21.3	0.6	1.5	1.5	92.0	32.7	98.9	61.0	1 140	12.0	96.4	299	138	253
Lincoln Park city	16 854	6.0	16.0	8.6	100.0	99.8	97.7	57.6	99.3	56.6	16 583	13.4	92.3	314	157	259
Livonia city	33 009	17.0	4.8	6.3	99.2	98.9	98.6	55.0	99.9	82.3	32 545	11.3	97.4	419	206	327
Lawell city	2 197	25.8	41.2	6.9	90.7	92.4	95.3	24.7	99.2	56.2	1 260	18.5	97.9	332	153	205
Ludington city	3 806	11.7	55.9	14.2	98.3	98.0	88.6	8.2	97.2	49.5	3 576	24.7	84.0	315	138	184
Madison Heights city	13 018	19.2	4.7	20.8	99.8	99.1	97.0	60.3	99.7	54.6	12 719	19.9	94.0	328	166	283
Manistee city	3 231	7.8	69.1	8.0	99.5	98.9	89.6	7.3	97.5	53.6	3 036	17.0	82.2	298	139	189
Manistique city	1 626	9.5	66.0	7.4	97.7	95.3	81.2	1.1	97.7	60.5	1 471	19.0	91.3	325	157	185
Marine City city	1 667	13.1	51.5	6.8	100.0	98.6	87.6	26.3	97.0	59.6	1 575	16.1	86.6	356	165	245
Marquette city	8 235	29.6	40.7	26.2	99.5	99.0	91.8	7.9	98.4	43.0	7 555	37.7	87.7	420	185	235
Marshall city	2 870	16.4	50.9	14.5	94.0	95.6	94.8	31.4	98.1	57.4	2 707	23.1	89.6	366	166	242
Marysville city	2 641	38.5	13.1	9.5	99.7	98.8	95.9	33.1	99.2	63.0	2 580	17.6	97.9	378	160	315
Mason city	2 153	26.4	35.8	16.5	98.7	97.0	91.8	30.4	98.5	55.0	2 073	27.7	91.8	392	175	253
Melvindale city	4 756	4.9	18.3	15.3	100.0	99.9	95.9	61.0	99.1	46.0	4 625	20.5	91.7	290	157	270
Menominee city	4 230	13.0	55.2	8.3	98.8	97.4	85.5	16.3	98.0	50.4	3 945	18.0	88.5	312	144	188
Menominee city	1 931	11.3	32.6	0.2	3.8	86.6	93.9	22.8	97.7	50.6	1 868	13.4	95.8	333	146	210
Michigan Center (CDP)	13 772	25.6	13.6	16.4	99.4	98.0	96.5	41.9	99.2	63.3	13 068	24.0	94.8	421	147	262
Midland city	1 554	16.7	37.9	13.9	99.5	99.7	96.5	47.3	98.0	55.7	1 497	23.4	96.5	401	164	300
Milford village	1 778	20.9	23.7	16.4	97.9	95.2	97.2	35.5	98.8	59.2	1 712	14.6	95.0	403	206	271
Manroe city	8 392	12.9	46.2	15.1	99.9	99.7	93.5	46.1	96.8	54.0	8 057	17.2	87.7	375	165	240
Mount Clemens city	7 355	13.6	37.2	22.4	99.9	99.6	94.8	41.2	97.0	46.6	7 052	24.9	86.9	363	182	242
Mount Morris city	1 282	9.3	30.9	8.0	94.9	99.6	94.1	31.6	98.4	43.7	1 217	23.8	91.9	326	166	235
Mount Pleasant city	6 442	23.8	26.6	32.7	99.0	98.9	92.7	35.8	97.7	38.7	6 145	45.0	91.0	409	159	223
Munising city	1															

Table 54. Summary of Detailed Housing Characteristics: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Year-round housing units										Occupied housing units										
	Percent with—										Percent with—										
	Year structure built			Source of water by public system or private company			Public sewer		Central heating system		Air conditioning		1 or more complete bathrooms		3 or more bedrooms		Householder moved into unit 1979 to March 1980	1 or more vehicles available	Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Total	With mortgage	Not mortgaged										
PLACES OF 2,500 OR MORE—Con.	Total																				
Dak Park city.....	11 296	3.0	3.0	8.1	99.9	99.7	97.2	75.3	99.8	68.8	11 140	13.7	92.6	380	190	325					
Okemos (CDP).....	3 394	30.3	3.7	39.2	81.3	98.6	98.4	69.0	99.5	55.2	3 263	35.6	97.7	549	256	306					
Oshtemo city.....	1 489	11.3	6.1	9.8	98.8	96.6	87.0	32.9	96.4	52.5	1 401	28.4	91.1	317	136	221					
Owosso city.....	6 382	10.1	54.5	6.4	99.6	99.5	94.1	30.8	98.2	55.5	6 078	18.4	89.4	312	143	230					
Oxford village.....	1 099	27.6	56.0	21.1	92.7	99.0	95.6	35.2	95.5	50.7	1 040	25.2	91.9	444	174	247					
Patterson Gardens (CDP).....	1 160	57.2	17.4	4.0	100.0	99.6	97.0	56.6	99.2	34.3	1 130	26.3	94.0	343	158	259					
Paw Paw village.....	1 341	19.0	43.5	18.2	94.2	94.0	93.4	35.6	96.0	47.9	1 268	21.1	85.1	338	153	190					
Paw Paw Lake (CDP).....	1 680	14.0	30.2	5.2	16.6	92.0	81.4	31.9	97.3	54.0	1 514	18.0	91.6	326	142	219					
Pearl Beach (CDP).....	1 370	23.5	20.2	5.3	96.9	96.5	91.6	21.5	98.8	57.1	1 240	18.4	96.0	439	181	235					
Petoskey city.....	2 582	18.0	58.7	18.7	99.7	98.5	95.6	7.4	99.2	52.4	2 355	31.8	84.7	372	148	215					
Plainwell city.....	1 411	25.1	46.2	11.4	90.6	86.4	94.3	39.1	99.6	51.6	1 347	28.5	95.2	347	150	240					
Pleasant Ridge city.....	1 191	0.5	64.0	3.2	100.0	100.0	99.0	52.9	97.9	75.0	1 164	16.2	92.4	444	237	261					
Plumouth city.....	4 099	9.3	30.8	20.8	100.0	100.0	97.4	48.2	98.2	52.0	3 912	21.4	90.6	430	188	275					
Pontiac city.....	27 740	13.3	30.2	18.1	99.1	98.0	93.2	27.2	97.8	42.7	25 702	25.4	82.2	306	147	244					
Portage city.....	13 629	33.9	6.5	17.3	67.5	39.3	95.6	51.0	99.4	64.5	13 152	24.4	97.2	390	171	256					
Port Huron city.....	13 374	9.4	50.4	10.9	99.9	99.3	93.7	21.8	97.4	48.3	12 782	24.0	85.6	319	156	236					
Portland city.....	1 402	20.1	45.1	9.6	98.6	96.1	89.3	25.5	98.0	56.8	1 358	24.4	92.2	335	142	229					
Richmond city.....	1 279	25.3	38.6	16.7	99.1	95.8	92.2	32.1	96.6	51.9	1 225	17.7	89.3	413	182	246					
River Rouge city.....	5 045	2.0	55.0	9.5	100.0	99.7	90.0	29.0	98.2	43.8	4 673	18.3	75.4	281	137	189					
Riverview city.....	4 733	31.2	4.5	27.3	99.9	99.7	98.4	70.5	99.5	62.9	4 618	18.4	96.6	391	190	284					
Rochester city.....	3 436	22.9	23.0	39.3	99.1	99.6	98.1	63.9	98.7	34.4	3 226	31.1	94.4	436	183	301					
Rockford city.....	1 219	34.9	38.9	19.4	98.8	96.1	91.2	32.4	98.9	59.6	1 188	24.2	91.6	329	147	168					
Rockwood city.....	1 076	33.3	10.8	20.8	100.0	99.3	97.1	50.2	98.3	64.0	1 060	14.7	93.9	381	186	296					
Rogers City city.....	1 518	15.6	48.9	4.0	97.0	99.5	93.0	7.0	99.2	63.9	1 464	11.3	90.6	285	149	186					
Romeo village.....	1 377	18.0	49.6	4.9	99.4	99.9	90.1	28.5	99.9	55.1	1 206	14.1	93.4	401	185	269					
Romulus city.....	8 160	24.2	12.3	16.0	97.1	92.3	92.8	35.6	98.9	58.4	7 836	20.0	94.8	355	169	265					
Roosevelt Park city.....	1 695	26.3	3.3	34.6	98.1	98.5	97.7	43.1	99.6	53.5	1 597	21.0	95.2	331	161	299					
Roseville city.....	18 480	12.5	9.1	11.3	99.5	99.6	95.5	47.0	99.3	65.2	18 183	16.7	93.9	334	169	275					
Royal Oak city.....	28 785	5.4	19.1	21.1	100.0	99.8	98.1	60.9	98.9	53.8	28 177	16.2	93.9	365	185	292					
Saginaw city.....	28 732	6.0	48.3	8.5	100.0	99.3	88.8	27.4	98.3	50.4	27 369	21.6	81.2	303	149	227					
St. Clair city.....	1 826	13.8	47.8	13.3	99.7	97.6	94.5	26.5	99.2	60.1	1 764	13.3	90.8	364	165	239					
St. Clair Shores city.....	27 147	9.4	7.3	10.8	99.9	99.6	98.3	57.1	99.5	67.2	26 799	9.5	94.9	349	189	299					
St. Ignace city.....	1 104	15.4	50.1	6.7	98.8	85.1	81.3	0.5	95.2	54.9	958	21.4	84.0	282	135	189					
St. Johns city.....	2 637	19.1	48.4	8.4	97.3	95.8	95.0	33.1	97.9	65.2	2 558	20.0	93.9	377	170	235					
St. Joseph city.....	4 558	8.9	46.6	20.7	99.9	99.5	97.4	51.5	97.9	41.5	4 296	24.7	89.2	364	157	232					
St. Louis city.....	1 515	16.3	47.3	7.4	97.6	96.7	88.1	19.6	98.4	51.2	1 465	20.7	93.2	291	123	221					
Saline city.....	2 314	27.1	16.9	20.4	99.5	98.8	97.9	52.4	98.7	57.0	2 189	27.7	97.0	447	187	271					
Sault Ste. Marie city.....	5 692	15.0	50.7	11.6	99.0	93.8	93.8	3.5	97.9	48.6	5 166	23.4	83.6	298	131	191					
Southfield city.....	31 289	35.7	3.0	37.8	97.5	93.0	98.7	81.4	99.4	49.8	29 670	21.8	94.8	490	230	399					
Southgate city.....	11 321	19.0	2.8	16.5	100.0	99.8	98.7	68.1	99.6	58.2	11 032	15.4	96.8	347	182	315					
South Haven city.....	2 495	12.4	55.8	15.7	98.2	98.2	92.5	25.9	96.2	49.6	2 272	20.5	83.5	328	138	191					
South Lyon city.....	2 123	60.1	14.7	35.9	99.2	98.3	95.7	55.4	98.4	40.2	1 999	28.5	96.5	435	173	292					
South Monroe (CDP).....	1 607	37.8	21.4	24.5	95.2	96.3	92.8	45.2	99.1	45.6	1 569	18.9	87.4	372	168	229					
Sparto village.....	1 252	13.9	41.2	5.0	95.4	90.6	93.6	24.2	98.8	54.5	1 226	19.1	89.8	301	143	197					
Springfield city.....	2 410	33.5	18.8	31.6	85.1	66.8	92.3	47.9	97.8	34.0	2 317	34.6	94.3	285	132	217					
Springfield Place (CDP).....	1 725	1.7	23.9	0.8	84.3	11.8	95.1	40.9	99.0	50.0	1 684	10.4	94.8	283	123	258					
Spring Lake village.....	1 075	7.1	34.0	3.0	95.6	93.2	98.0	18.6	98.4	58.1	1 023	16.3	96.4	341	133	253					
Sterling Heights city.....	34 506	53.0	1.3	16.8	98.5	94.7	98.9	55.8	99.5	73.1	33 911	18.6	97.9	455	224	306					
Sturgis city.....	3 934	14.5	43.4	15.3	100.0	98.8	94.4	41.5	96.9	49.3	3 668	24.6	89.3	317	137	207					
Swartz Creek city.....	1 747	24.3	13.3	18.1	88.4	98.7	94.7	41.5	99.7	63.7	1 671	16.6	98.5	345	178	293					
Taylor city.....	25 355	23.6	5.4	15.9	99.9	97.4	96.6	50.1	99.3	59.9	24 534	19.7	95.1	339	177	294					
Tecumseh city.....	2 723	17.6	31.7	10.0	97.5	97.9	94.5	43.2	98.6	60.8	2 650	21.3	94.9	368	166	250					
Three Rivers city.....	2 868	11.1	57.1	9.4	97.7	95.1	92.0	34.1	97.2	52.6	2 659	22.0	89.3	302	140	205					
Traverse City.....	6 068	13.8	52.5	13.8	99.4	99.4	93.6	15.1	97.8	56.6	5 747	27.0	86.7	373	147	256					
Trenton city.....	7 945	18.3	11.7	16.5	100.0	99.8	97.8	63.5	99.3	65.3	7 691	13.5	95.1	380	194	273					
Trroy city.....	23 750	51.7	3.4	18.4	94.7	94.7	98.2	65.6	99.5	67.8	22 945	21.5	97.4	555	220	363					
Utica city.....	1 952	36.1	11.6	29.4	99.2	93.5	97.3	43.3	100.0	44.3	1 897	24.7	93.7	469	199	260					
Vandercook Lake (CDP).....	1 762	5.4	34.2	—	45.6	73.3	87.9	26.0	98.1	56.2	1 698	13.0	95.4	276	126	222					
Vassar city.....	1 039	17.8	49.4	5.1	97.3	98.5	84.9	18.6	98.0	60.5	1 003	25.0	88.7	334	131	206					
Wokefield city.....	1 024	11.2																			

Table 54. Summary of Detailed Housing Characteristics: 1980—Con.

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

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

COUNTIES—Con.

	Year-round housing units										Occupied housing units					
	Total	Year structure built		Percent with—							Total	Percent with—		Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms		Householder moved into unit 1979 to March 1980	1 or more vehicles available	With mortgage	Not mortgaged	
Boraga	3 451	25.4	47.5	7.5	48.5	44.4	65.6	8.8	85.8	50.8	2 929	14.3	91.2	303	140	165
Barry	17 743	22.2	36.1	2.3	23.3	22.3	80.2	15.8	96.2	57.3	15 433	16.7	95.4	327	142	230
Bay	43 116	22.0	34.4	8.0	82.5	62.0	91.3	27.0	97.6	58.1	41 348	16.9	92.0	355	164	227
Benzie	4 896	32.9	34.9	0.9	30.7	25.8	77.6	3.9	96.0	52.7	4 008	18.2	95.3	320	139	212
Berrien	65 635	18.8	29.9	9.7	56.9	63.7	89.0	42.7	97.8	53.4	60 276	20.9	90.0	339	147	236
Bronch	15 947	20.4	43.2	4.4	37.8	35.7	84.2	19.6	96.8	57.6	14 014	19.3	93.3	328	145	225
Calhoun	53 967	16.1	38.2	9.9	61.2	50.8	91.7	30.4	97.8	53.4	51 123	20.5	90.3	323	146	222
Cass	18 657	23.0	32.6	3.6	23.4	21.3	81.6	33.8	97.3	56.3	17 236	16.3	93.9	336	145	228
Charlevoix	8 835	33.7	36.6	5.6	49.0	40.0	82.7	3.2	97.3	56.1	7 056	19.9	92.3	341	145	227
Cheboygan	9 736	31.7	29.1	4.3	24.2	21.9	74.1	3.7	95.9	51.6	7 277	18.2	93.7	320	135	210
Chippewa	12 517	21.5	35.6	6.6	56.5	51.3	82.2	2.3	94.8	53.1	9 931	21.2	89.0	295	126	183
Clare	11 475	33.5	15.2	3.9	19.7	21.3	70.5	8.6	91.7	37.7	8 686	20.9	93.8	296	133	211
Clinton	18 427	28.1	35.7	3.7	33.5	47.1	90.3	24.3	98.2	68.8	17 755	16.2	96.7	386	166	244
Crowford	5 835	46.4	13.1	4.2	15.6	16.2	68.9	4.7	90.7	41.4	3 315	22.6	92.9	310	143	221
Delta	14 910	24.5	45.1	4.9	53.1	50.8	79.9	3.5	94.6	53.7	13 568	17.4	91.3	339	152	191
Dickinson	10 307	18.0	58.8	4.0	78.6	67.6	86.5	11.2	96.4	55.7	9 536	16.3	90.1	341	138	223
Edon	31 429	36.9	28.3	15.2	58.5	60.4	91.8	34.7	98.2	60.3	30 137	24.9	96.2	391	166	262
Emmet	10 354	32.8	36.5	8.2	46.2	44.6	80.9	3.8	95.4	56.4	8 107	23.6	91.8	370	149	233
Genesee	162 593	22.0	21.7	10.9	65.1	84.7	94.3	32.5	98.6	56.0	154 641	20.6	91.4	343	162	258
Gladwin	11 975	35.0	13.5	2.0	13.0	12.5	65.3	9.3	92.4	35.8	7 159	19.3	93.9	311	134	215
Gogebic	8 960	12.2	64.4	4.8	78.9	70.7	81.1	4.1	90.6	50.6	7 578	12.3	85.3	284	134	166
Grand Traverse	21 846	42.1	25.0	7.6	39.3	38.2	87.6	8.8	97.8	56.0	19 167	27.8	94.0	395	148	271
Gratiot	14 214	18.7	47.1	4.6	47.7	49.8	82.7	17.6	97.5	61.7	13 319	18.0	94.2	318	135	217
Hillsdale	16 324	22.5	48.7	4.1	32.8	31.1	86.6	15.8	95.4	60.2	14 383	18.4	93.0	334	147	214
Houghton	14 501	13.1	70.0	11.7	75.9	63.6	79.9	3.4	89.2	55.7	12 975	17.9	84.9	312	133	190
Huron	15 060	19.9	40.3	3.0	37.0	29.1	80.6	12.7	95.4	59.4	12 764	14.4	93.7	324	135	205
Ingham	99 453	23.5	24.9	22.4	86.2	88.1	94.7	40.5	98.4	48.7	95 179	30.0	91.2	371	160	255
Ionia	17 175	22.4	48.0	4.8	47.6	46.0	85.3	21.1	97.3	62.7	16 230	19.2	93.6	321	137	215
Iosco	16 296	23.8	14.1	7.1	34.4	30.3	69.6	3.6	92.0	42.9	10 162	25.3	94.9	310	122	199
Iron	6 188	16.7	57.6	4.4	91.5	59.9	88.3	4.3	95.7	52.7	5 430	12.3	87.0	287	129	165
Isabella	17 376	32.1	27.6	14.4	44.9	45.4	85.7	22.2	97.1	51.8	16 044	30.0	94.2	373	149	229
Jackson	53 629	20.6	38.3	7.9	46.9	59.4	92.5	26.7	97.6	56.0	50 974	20.2	92.2	339	151	235
Kalamazoo	79 333	24.6	27.1	17.8	70.8	54.3	93.9	39.6	98.4	52.5	75 405	27.8	91.9	371	160	242
Kalkaska	4 649	45.4	16.9	2.4	13.1	13.7	71.3	4.5	95.4	50.9	3 795	22.4	95.3	331	143	220
Kent	163 461	24.0	30.9	12.6	79.4	79.4	94.2	32.6	98.6	56.2	155 598	23.2	91.6	335	143	253
Keweenaw	1 168	9.9	73.3	0.9	80.7	30.5	44.5	0.6	79.3	49.6	833	11.8	89.2	252	118	195
Lake	7 721	27.4	22.5	0.5	6.2	2.3	60.0	5.5	89.1	32.4	3 050	15.1	89.2	280	134	212
Lapeer	22 314	36.9	29.6	4.4	27.4	25.2	85.7	16.3	98.1	67.2	21 202	18.9	96.1	373	157	245
Leelanau	7 221	36.6	27.3	7.6	16.1	17.8	76.6	3.9	96.3	58.1	5 023	20.3	96.7	383	145	258
Lenawee	33 533	19.2	41.7	5.3	47.3	50.8	89.0	28.0	96.9	61.0	30 044	18.2	94.2	373	163	245
Livingston	33 261	45.3	20.0	6.4	22.3	22.3	91.6	26.4	98.4	68.4	31 344	19.2	97.1	452	171	292
Luce	2 438	29.6	30.3	3.8	47.7	45.9	65.8	2.1	93.6	50.9	2 192	20.3	92.9	291	125	195
Mackinac	4 382	23.7	33.1	4.8	37.8	30.9	61.4	0.8	92.5	51.1	3 680	17.2	88.7	288	120	197
Macomb	236 435	28.0	8.5	13.9	93.3	89.4	97.1	50.0	99.3	65.5	229 820	17.3	95.5	386	187	288
Manistee	9 901	20.8	43.8	3.2	40.7	35.9	77.5	5.8	94.2	52.1	8 490	15.3	90.4	319	138	201
Marquette	26 900	28.9	36.8	12.9	73.4	68.3	85.2	5.4	95.9	51.4	24 514	27.0	91.2	381	164	228
Mason	12 026	23.1	39.0	6.0	41.8	39.8	80.3	6.7	96.1	52.8	9 693	19.9	91.4	313	137	192
Mecosta	14 642	33.1	25.4	6.9	23.4	25.6	75.1	8.7	94.7	45.3	11 134	27.9	93.1	338	134	209
Menominee	10 310	21.9	44.6	4.5	46.0	46.5	81.3	11.1	95.2	56.6	9 283	15.9	92.7	323	138	190
Midland	26 075	29.3	15.5	9.2	58.9	54.6	88.6	29.6	97.8	62.5	24 498	20.8	95.6	392	148	261
Missaukee	4 083	31.6	35.8	0.6	14.1	0.8	72.3	3.7	91.8	55.7	3 427	17.5	94.4	292	122	205
Monroe	45 124	26.0	29.9	7.9	61.2	57.6	90.4	37.7	97.3	62.0	43 110	16.5	94.6	395	172	253
Montcalm	18 564	24.1	39.3	3.4	31.2	29.2	78.0	14.5	95.7	53.5	16 543	17.9	93.7	308	127	209
Montmorency	5 014	37.2	13.9	3.1	5.6	6.9	52.4	3.5	90.2	36.5	2 814	18.3	94.6	297	138	200
Muskegon	57 694	18.9	28.4	8.3	63.0	57.7	88.7	15.3	98.3	53.0	54 526	16.5	91.3	300	136	212
Newaygo	13 834	27.6	30.6	1.5	19.7	19.9	71.6	9.4	95.0	50.1	12 134	18.9	93.9	312	134	221
Oakland	371 516	29.7	12.8	17.6	81.3	80.5	96.8	53.0	99.2	59.1	355 187	20.1	94.8	443	186	321
Oceano	8 346	26.2	38.9	1.1	25.9	22.8	75.6	6.4	95.8	56.1	7 418	16.1	93.2	298	136	213
Ogemaw	12 793	30.8	15.3	1.3	7.0	8.6	63.2	4.0	84.7	34.2	5 940	18.0	94.8	300	135	213
Ontonagon	4 055	17.1	48.5	2.1	48.8	42.1	78.4	5.5	88.7	56.9	3 524	14.8	92.6	279	132	181
Osceola	8 328	29.6	36.4	2.2	25.0	23.8	71.5	6.0	92.1	54.0	6 558	17.2	93.1	310	133	191
Oscoda	4 695	32.3	13.9	2.8	2.9	2.8	41.0	4.8	82.5	30.9	2 517	17.3	93.0	274	123	207
Otsego	6 154	42.5	15.9	3.5	21.4	20.9	79.6	4.5	94.7	57.8	4 921	20.9	95.4	332	144	245
Ottawa	52 817	30.5	25.4	5.1	53.7	40.8	93.4	20.2	98.6	65.2	50 449	20.2	96.0	350	148	247
Presque Isle	5 822	26.9	33.5	2.3	34.4	27.5	76.7	3.4	95.2	58.1	5 008	13.2	94.2	312	152	193
Roscommon	12 948	32.5	9.9	3.4	6.6	27.8	69.7	3.8	96.5	33.7	6 519	20.5	95.2	299	120	198
Saginaw	79 436	23.0	28.2	9.6	81.6	75.8	90.3	31.5	98.5	59.0	76 116	19.2	90.9	356	163	255
St. Clair	50 221	23.5	34.0	6.3	68.4	63.2	88.0	19.8	97.5	57.8	47 308	19.7	92.7	360	161	247
St. Joseph	21 248	23.9	39.4	5.6	47.5	41.1	86.6	31.4	97.4	57.5	19 794	20.4	93.7	328	142	223
Sanilac	15 679	24.3	41.6	2.1	30.2	26.9	78.0	11.3	96.4	61.1	13 959	15.5	94.1	330	146	231
Schoolcraft	3 676	18.9	42.4	4.9	46.4	43.7	68.2	1.0	92.2	54.0	3 045	15.8	93.3	325	145	193
Shiawassee	24 398	24.5	39.8	4.2	46.8	48.7	90.1	24.2	98.0	63.8	23 359	17.3	94.2	342	153	242
Tuscola	19 461	28.0	37.7	2.9	31.8	29.5	83.2	17.5	96.9	62.9	18 290	15.4	94.7	347	146	223
Van Buren	25 468	26.3	36.4	6.1	36.0	33.7	81.4	25.1	97.1	54.4	23 121	18.8	92.8	334	140	217
Washtenaw	97 397	27.0	20.5	30.0	81.6	81.7	96.7	48.1	98.3	48.0	92 937	32.1	92.4	467	201	300
Wayne	874 718	10.0	32.2	16.1	99.4	98.1	95.2	42.7</								

Table 54a. Summary of Detailed Housing Characteristics for Towns/Townships: 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]

Towns/Townships of 2,500 or More

	Year-round housing units									Occupied housing units						
	Total	Year structure built		Percent with—						Total	Percent with—		Median selected monthly owner costs (dollars), specified owner occupied	Median gross rent (dollars), specified renter occupied		
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms		3 or more bed-rooms	Householder moved into unit 1979 to March 1980			1 or more vehicles available	
															With a mortgage	Not mortgaged
Acme township	1 242	55.3	13.8	9.0	11.1	27.3	91.6	9.7	98.9	59.4	966	29.1	98.4	450	139	304
Ada township	2 033	44.8	19.2	2.9	23.0	37.8	96.0	30.1	99.4	84.5	1 950	16.6	99.6	459	177	266
Addison township	1 500	47.5	22.1	2.3	13.8	14.5	90.9	17.6	99.1	60.9	1 420	23.0	98.2	519	180	269
Adrian township	1 474	27.2	23.4	0.9	7.3	13.5	96.1	28.0	98.6	72.5	1 435	17.5	98.2	434	197	264
Alaiedon township	935	27.4	27.7	—	3.0	5.2	94.8	23.6	99.3	76.0	908	21.0	100.0	431	188	325
Alamo township	956	33.8	24.8	0.5	1.8	1.8	82.9	23.0	97.6	70.6	915	5.4	97.3	363	165	258
Albee township	789	23.8	24.0	0.6	1.9	4.8	73.8	21.8	93.9	60.3	752	15.0	99.2	339	155	255
Algoma township	1 409	37.2	21.2	2.3	12.1	11.1	82.4	11.7	97.1	66.3	1 353	11.9	97.3	346	143	217
Allegan township	1 254	31.9	20.8	0.6	11.6	7.7	84.7	22.3	95.5	56.1	1 195	18.4	96.2	345	127	238
Allendale township	1 720	56.2	17.2	9.5	32.6	31.6	91.2	15.4	98.5	54.7	1 661	36.8	96.5	340	144	239
Almelo township	1 015	45.5	18.1	0.4	4.1	5.4	85.0	24.2	98.0	64.2	975	18.3	98.1	399	145	243
Almer township	935	29.1	23.7	7.9	32.2	28.7	90.1	31.3	100.0	64.6	887	14.9	96.7	381	168	224
Almont township	1 298	30.8	37.8	2.9	53.0	52.7	83.8	20.5	98.5	69.8	1 242	17.1	97.0	414	162	266
Alpena township	3 763	34.7	7.8	9.3	35.5	35.4	89.9	3.3	97.1	57.1	3 362	16.9	95.2	312	144	212
Alpine township	3 111	36.5	16.1	10.0	54.5	60.9	96.0	34.9	99.0	57.2	2 947	19.2	97.7	316	139	279
Ann Arbor township	1 015	14.4	22.4	0.6	19.4	19.1	95.5	39.6	100.0	82.3	985	14.5	99.4	691	366	386
Antwerp township	2 725	40.1	29.0	4.4	44.0	27.5	81.0	32.8	99.0	55.9	2 568	18.1	96.2	344	136	214
Arbela township	949	40.5	16.9	0.8	0.8	0.8	80.9	18.3	96.5	68.3	929	10.2	96.9	362	169	247
Argentine township	1 458	28.3	19.2	4.6	4.9	5.0	91.8	18.6	99.0	62.1	1 337	17.4	98.6	396	212	287
Armada township	1 207	32.2	43.1	4.1	39.9	38.9	89.6	14.1	97.8	74.9	1 153	15.3	96.0	435	190	268
Ash township	2 556	44.2	24.3	3.0	58.1	46.6	91.0	31.6	97.7	59.6	2 471	20.0	98.3	411	188	254
Atlas township	1 477	37.0	28.0	2.2	2.4	2.7	94.2	16.7	98.8	84.6	1 432	16.7	97.3	437	175	239
Attica township	1 087	35.3	24.9	2.1	2.6	2.6	80.6	13.7	96.1	65.2	1 047	12.3	97.3	346	137	243
Augusta township	1 452	15.8	29.9	1.2	2.3	8.6	95.5	35.6	98.8	79.5	1 412	7.9	99.2	428	191	321
Avon township	14 598	56.0	6.3	15.1	70.5	69.0	97.1	54.4	99.7	61.5	13 761	23.8	97.8	556	183	329
Bagley township	1 595	51.1	5.0	2.8	6.3	5.1	84.4	4.3	97.2	61.5	1 372	23.7	97.5	294	140	304
Bainbridge township	1 074	22.3	38.1	1.2	1.2	0.7	83.1	25.0	98.4	59.4	1 015	8.3	93.5	339	143	224
Bangor township, Bay County	6 063	24.6	14.8	8.3	97.7	45.3	94.5	27.5	98.6	59.1	5 903	15.5	96.5	371	163	235
Baraga township	1 118	26.7	43.6	10.6	48.5	44.6	62.7	7.4	85.2	50.7	955	11.5	90.4	293	149	158
Baroda township	963	32.7	31.6	1.1	29.5	13.6	89.4	39.8	98.9	57.7	908	22.5	97.7	352	148	260
Barry township	1 196	20.8	37.0	2.1	2.4	2.8	82.9	14.0	98.8	55.9	1 068	16.6	94.2	320	137	237
Bath township	1 911	30.1	22.0	3.6	10.4	43.5	89.7	21.7	98.4	57.6	1 849	19.4	97.8	341	160	247
Battle Creek township	7 868	14.3	17.0	8.7	70.8	19.6	96.2	46.5	99.1	60.3	7 582	17.7	95.2	358	148	272
Bear Creek township	1 209	44.5	14.3	4.2	16.1	7.4	84.0	2.8	96.0	64.4	1 059	18.2	94.7	369	156	282
Beaver township, Bay County	876	38.2	25.8	0.5	4.1	0.6	86.8	10.3	96.1	77.1	840	10.2	97.6	373	176	241
Bedford township, Calhoun County	3 350	19.1	18.8	0.6	17.3	11.0	92.7	29.6	98.6	62.9	3 246	16.7	96.7	316	143	252
Bedford township, Monroe County	7 204	23.3	15.5	3.3	42.2	46.0	93.3	40.7	98.6	73.3	6 939	13.4	97.4	424	184	277
Belleveue township	965	18.2	59.4	6.0	53.1	53.2	86.7	8.1	98.2	68.5	914	14.7	96.7	310	145	224
Bennington township	848	37.3	30.0	0.5	0.7	0.5	90.7	14.5	96.5	80.7	809	13.7	98.3	388	181	287
Benton township, Berrien County	7 386	17.6	20.3	12.4	41.6	75.5	86.0	39.9	98.7	46.5	6 830	24.4	85.3	285	128	237
Berlin township, Ionia County	683	23.1	39.7	—	1.3	10.5	87.8	24.7	97.1	65.2	651	14.9	98.0	359	136	264
Berlin township, Monroe County	2 143	29.5	29.4	6.4	94.1	62.8	87.0	32.2	97.9	61.1	2 041	17.2	97.8	428	174	296
Berrien township	1 440	30.1	29.7	1.1	13.3	13.6	81.3	34.6	97.2	61.9	1 284	18.5	95.8	353	154	285
Birch Run township	1 755	30.6	25.5	4.6	36.2	24.3	90.3	21.4	98.1	71.6	1 709	14.1	96.8	383	156	233
Blackman township	5 540	38.5	17.8	22.9	34.0	84.8	94.9	43.6	99.4	47.2	5 325	21.7	95.1	341	144	252
Blair township	1 633	65.9	10.5	—	20.1	2.8	93.5	2.4	97.2	52.7	1 517	33.9	95.0	296	143	275
Blendon township	1 115	33.0	34.7	2.4	4.0	2.4	91.1	17.5	98.0	77.9	1 080	15.0	98.9	368	160	234
Blissfield township	1 398	12.2	57.5	2.1	84.4	82.6	90.0	37.3	97.7	60.8	1 355	11.4	91.7	402	154	251
Bloomfield township, Oakland County	14 711	23.7	3.1	9.7	87.5	74.9	99.5	69.4	99.8	81.1	14 081	14.7	99.4	720	328	441
Boston township	1 248	36.4	32.6	11.2	46.5	45.8	84.0	20.7	99.3	59.4	1 233	22.2	95.2	336	150	171
Brody township, Kalamazoo County	1 314	23.8	34.5	—	22.7	13.1	86.8	25.6	98.0	70.2	1 283	16.0	93.9	362	152	203
Brown township	2 985	51.9	12.6	1.4	15.0	14.7	94.3	15.9	99.2	69.3	2 896	19.0	97.0	463	205	295
Breitung township	1 735	37.8	26.3	0.7	51.5	9.5	91.5	11.5	94.9	56.5	1 587	17.6	96.8	331	133	239
Bridgeport township	4 507	28.6	15.7	6.1	83.0	62.4	91.9	28.4	98.9	60.0	4 358	18.3	96.7	350	168	269
Brighton township	3 585	55.8	7.1	4.4	15.2	5.5	96.0	23.9	98.6	76.8	3 349	15.3	98.0	504	176	296
Brownstown township	6 356	64.8	5.7	19.5	99.4	95.9	95.6	47.7	98.6	56.7	6 070	26.6	96.3	426	172	278
Bruce township, Macomb County	1 849	32.5	30.8	1.0	46.1	47.1	92.2	24.7	99.7	69.2	1 780	15.5	96.5	473	191	266
Buchanan township	1 265	25.0	25.0	1.6	8.7	7.9	87.2	39.4	98.7	59.1	1 204	11.0	96.1	390	153	225
Buena Vista township	4 470	20.4	13.8	1.6	86.0	82.1	87.4	23.8	98.5	54.2	4 280	14.5	91.7	316	145	255
Burns township	977	40.3	39.8	1.6	18.8	22.2	88.2	14.6	98.3	75.3	948	18.1	98.6	366	179	267
Burr Oak township	907	19.8	47.3	1.2	32.6	4.1	77.8	22.2	98.3	62.3	879	11.1	94.2	320	141	237
Burtchville township	1 277	36.3	17.8	0.6	20.6	19.0	89.1	16.3	98.3	51.0	1 097	25.4	96.8	353	160	282
Byron township	3 551	45.5	19.0	1.7	39.0	52.4	92.0	20.7	98.5	55.7	3 433	24.4	96.6	368	134	216
Caledonia township, Kent County	1 642	32.6	29.5	3.3	3.3	17.2	92.3	21.4	99.2	70.5	1 572	15.6	98.3	375	163	238
Caledonia township, Shiawassee County	1 618	20.8	25.5	1.8	31.6	13.5	94.0	21.8	98.8	65.6	1 556	19.7	97.0	330	156	250
Calumet township	3 572	3.9	88.2	9.3	96.9	88.5	88.7	2.0	92.4	64.1	3 115	14.1	79.4	295	130	175
Cambridge township	2 041	25.8	20.7	0.4	18.5	13.5	80.1	15.5	97.0	50.6	1 243	18.4	98.8	392	165	265
Cannon township	1 639	34.2	20.0	—	14.6	38.3	89.7	13.2	99.6	70.1	1 578	17.4	98.2	397	161	279
Canton township	16 685															

Table 54a. Summary of Detailed Housing Characteristics for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More	Year-round housing units										Occupied housing units					
	Total	Year structure built		Percent with—							Total	Percent with—		Median selected monthly owner costs (dollars), specified owner occupied	Median gross rent (dollars), specified renter occupied	
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms		Householder moved into unit 1979 to March 1980	1 or more vehicles available			
		With a mortgage	Not mortgaged													
Coloma township	1 996	22.8	24.4	4.3	12.5	61.5	81.0	29.5	97.6	57.4	1 847	17.1	92.4	374	135	233
Colon township	1 288	22.0	41.8	0.8	40.4	36.6	75.0	21.9	97.1	55.5	1 070	26.8	91.5	284	138	238
Columbia township, Jackson County	2 299	25.6	28.1	3.2	18.9	20.4	90.3	19.2	97.3	64.1	2 125	19.0	95.7	365	172	256
Columbus township, St. Clair County	964	42.6	26.3	0.8	7.2	5.7	89.2	15.4	97.7	71.6	901	13.1	96.9	442	193	300
Commerce township	7 779	34.7	7.9	3.2	21.6	9.3	95.7	28.8	99.5	71.3	7 556	16.8	98.1	421	176	310
Comstock township	3 787	22.7	26.2	2.4	27.4	7.0	92.9	27.1	99.0	67.7	3 674	17.6	96.5	343	141	237
Constantine township	1 309	26.3	45.8	5.3	46.4	4.2	82.0	30.1	96.3	63.7	1 250	23.4	96.3	337	136	224
Cooper township	2 756	22.5	16.0	0.6	8.9	1.9	92.7	28.7	99.1	68.6	2 691	13.4	96.2	357	153	256
Cottrellville township	1 156	35.8	29.7	1.8	59.2	52.2	83.7	16.6	98.4	55.9	1 054	21.2	96.2	411	167	260
Courtland township	1 063	34.9	26.0	0.7	1.7	15.0	82.9	14.8	99.2	72.2	1 022	11.6	97.6	381	142	279
Covert township	1 117	13.2	27.8	2.4	4.3	7.5	62.7	12.1	97.3	42.5	958	20.1	86.3	306	141	229
Crockery township	1 207	32.5	27.8	1.0	10.8	6.0	81.3	10.9	97.8	62.8	1 149	15.1	97.6	331	140	193
Dalton township	2 053	25.9	20.9	0.3	1.4	2.4	81.1	11.6	97.9	56.0	1 912	17.4	96.2	296	134	220
Davison township	5 022	54.7	8.3	18.8	47.1	77.8	93.1	43.7	99.5	56.2	4 746	27.4	97.9	402	183	274
Deatur township	1 323	21.0	42.3	6.8	58.7	57.1	77.0	31.8	97.1	56.2	1 197	17.5	90.5	296	132	204
Deerfield township, Lapeer County	1 457	49.8	14.5	—	—	0.5	82.7	11.7	98.9	64.6	1 389	17.9	99.5	351	142	263
Deerfield township, Livingston County	835	42.9	25.1	0.2	0.7	0.7	87.3	13.1	95.9	71.9	789	18.5	96.1	440	160	314
Delhi township	6 213	39.5	10.1	13.8	68.6	81.8	94.5	36.2	99.2	53.5	6 053	26.3	95.3	397	177	266
Delta township	8 691	48.5	6.0	30.2	73.6	77.9	97.2	55.5	99.2	61.6	8 347	30.0	98.1	444	195	293
Denmark township	1 265	33.1	32.5	7.0	47.0	51.8	94.5	26.0	99.0	63.0	1 232	16.3	95.6	371	147	231
Denton township	1 797	36.2	6.2	6.3	7.3	77.2	78.4	4.2	97.6	36.7	1 436	25.6	95.1	329	124	171
De Witt township	3 595	32.3	15.5	3.6	30.7	75.9	93.3	30.7	98.9	60.3	3 440	17.8	96.8	397	168	252
Dexter township	1 311	35.1	23.4	—	—	0.3	91.5	28.7	96.3	70.3	1 256	19.9	97.8	525	197	381
Darr township	1 414	46.4	24.4	—	3.3	4.4	91.2	16.5	97.3	78.6	1 380	13.9	97.5	328	155	264
Dryden township	949	36.1	32.5	0.5	23.8	4.8	83.2	14.5	97.7	76.4	908	24.9	95.5	402	166	227
Dundee township	1 877	21.8	38.8	8.6	56.8	53.7	84.0	34.3	95.5	60.7	1 794	18.1	93.2	392	180	240
East Bay township	2 417	55.2	9.7	7.6	14.0	19.4	76.7	4.8	98.2	63.8	2 143	31.4	97.7	380	146	309
East China township	1 106	32.8	18.6	5.7	97.5	92.9	91.4	24.0	98.6	56.6	1 061	17.9	95.3	380	146	260
Easton township	776	12.0	55.3	—	13.8	28.1	84.4	23.8	97.7	59.5	743	10.6	94.8	288	133	232
Eaton township	1 048	50.0	20.3	—	3.8	5.5	93.7	19.8	98.4	75.8	1 008	24.5	96.5	390	175	242
Eaton Rapids township	886	42.1	29.5	0.8	1.5	1.0	86.6	18.1	97.9	73.6	849	15.8	98.7	415	169	297
Egelston township	2 480	30.8	17.8	0.4	14.3	23.5	86.0	11.4	97.4	50.2	2 370	16.0	97.9	269	120	235
Elba township, Lapeer County	1 332	21.1	25.2	0.3	1.4	1.4	88.0	16.1	97.4	70.8	1 268	10.2	96.8	357	155	284
Elkland township	1 256	19.7	45.1	3.2	71.5	69.8	86.5	17.0	98.1	65.2	1 206	15.2	94.5	352	157	208
Elmwood township, Leelanau County	1 233	38.5	13.0	7.1	7.7	51.4	87.9	5.8	98.6	62.4	1 061	18.8	98.8	388	146	290
Emmett township, Calhoun County	4 276	16.9	26.7	4.0	24.3	16.0	90.2	29.6	97.8	50.0	4 111	17.3	94.3	333	142	215
Erie township	1 510	20.7	35.1	1.6	39.5	5.8	93.4	31.4	98.4	59.7	1 451	10.4	98.0	397	164	257
Escanaba township	1 054	45.6	13.4	3.1	4.8	3.7	56.3	5.7	95.9	61.8	934	20.8	97.6	377	134	213
Exeter township	1 021	22.1	40.8	0.4	4.4	17.9	87.2	27.2	93.0	78.5	958	7.3	97.6	377	170	240
Fabius township	1 190	37.7	24.8	0.9	3.1	1.3	89.9	32.2	99.5	58.5	1 112	20.1	97.1	377	160	263
Fayette township	1 211	20.5	44.3	6.8	72.7	60.4	90.5	21.2	94.5	54.9	1 109	22.3	92.5	335	144	180
Fenton township	4 013	33.6	19.6	0.9	16.5	65.9	95.0	19.8	99.0	69.6	3 813	17.3	97.8	438	180	254
Flint township	13 857	29.7	10.0	21.7	49.6	96.9	94.9	50.1	99.1	49.5	13 202	21.8	95.0	355	164	289
Flushing township	2 889	44.7	10.7	2.4	29.6	17.5	95.4	30.2	99.2	75.6	2 804	16.0	98.0	389	194	259
Forest township, Genesee County	1 304	34.8	24.5	0.4	19.3	2.8	90.3	18.3	97.5	71.3	1 259	13.2	97.5	356	180	260
Forsyth township	3 264	26.8	16.1	6.2	77.2	64.2	95.0	3.1	98.6	58.8	3 088	35.5	97.1	362	127	229
Fort Gratiot township	3 002	26.6	14.9	9.2	83.3	67.9	93.5	26.5	98.3	63.0	2 820	21.6	98.0	405	167	309
Frankenlust township	991	50.4	20.2	17.4	72.5	38.6	96.0	48.2	98.4	51.1	893	24.1	95.7	408	180	290
Fraser township	1 267	37.3	18.0	1.3	22.7	15.8	79.2	13.3	96.8	64.6	1 214	15.5	95.9	350	155	209
Fremont township, Tuscola County	962	31.3	43.5	1.9	38.7	37.8	82.4	16.6	94.8	63.5	915	19.3	96.9	364	155	236
Frenchtown township	6 313	31.5	19.5	13.7	78.3	78.5	88.1	42.5	97.5	52.2	5 965	21.6	95.6	338	167	261
Fruitland township	1 474	29.6	20.4	0.5	1.8	0.5	77.3	5.2	99.3	66.8	1 327	21.6	98.6	337	156	323
Fruitport township	3 418	23.5	14.2	0.6	30.3	3.0	88.7	10.8	98.9	69.4	3 317	12.8	98.0	332	151	238
Gaines township, Genesee County	1 544	45.1	20.5	1.4	11.0	10.9	87.6	22.0	97.9	80.4	1 486	12.2	96.9	408	196	254
Gaines township, Kent County	3 417	40.2	11.4	0.6	23.5	52.9	96.0	23.4	99.2	58.9	3 330	19.0	96.2	317	146	293
Garfield township, Grand Traverse County	3 442	57.7	7.1	10.6	36.2	36.8	95.2	13.2	99.5	49.2	3 181	30.5	96.7	415	141	277
Genesee township	8 727	24.9	11.7	1.6	34.0	92.0	92.3	24.5	98.1	57.8	8 305	18.4	94.0	332	168	260
Geneva township, Van Buren County	1 105	34.5	33.8	8.3	10.2	10.4	79.3	15.9	97.6	58.8	981	17.8	99.2	336	141	245
Genoa township	3 193	51.0	13.1	3.2	11.9	15.0	91.9	29.1	98.1	65.0	2 996	18.4	98.2	483	165	288
Georgetown township	7 615	44.7	4.8	6.6	66.8	28.9	98.3	30.1	99.5	80.1	7 448	15.7	98.3	353	158	278
Grand Blanc township	8 600	38.0	6.1	18.7	31.0	91.3	95.7	47.0	99.5	67.7	8 156	22.9	98.4	412	183	315
Grand Haven township	2 352	36.9	10.4	0.9	16.1	2.6	91.9	10.3	98.8	72.5	2 281	14.9	99.4	373	158	266
Grand Rapids township	2 979	30.7	10.6	4.3	49.7	39.7	96.0	32.5	100.0	74.0	2 898	13.4	96.1	394	157	500+
Gross Lake township	1 204	23.9	36.0	0.6	27.2	2.7	92.4	17.5	97.8	68.5	1 155	12.8	97.9	340	148	268
Grafton township	865	26.4	29.0	0.6	1.2	4.7	75.3	14.2	96.8	61.3	829	19.3	99.0	375	163	262
Grayling township	2 347	55.8	5.2	3.2	4.6	4.4	71.7	4.3	93.3	45.5	1 384	17.6	96.4	344	146	260
Green township, Mecosta County	1 051	43.0	20.6	0.8	5.5	5.3	82.0	6.9	96.0	54.6	959	25.1	97.4	366	131	235
Green Lake township	1 387	48.4	7.2	3.7	5.7	4.3	67.2	3.4	97.3	46.8	966	26.3	98.0	359	144	235
Green Oak township	3 324	34.9	15.2	4.1	18.7	20.2	93.4	29.4	98.5	68.1						

Table 54a. Summary of Detailed Housing Characteristics for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Year-round housing units									Occupied housing units						
	Total	Year structure built		Percent with—						Total	Percent with—		Median selected monthly owner costs (dollars), specified owner occupied	Median gross rent (dollars), specified renter occupied		
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms		3 or more bedrooms	Householder moved into unit 1979 to March 1980			1 or more vehicles available	
		With a mortgage	Not mortgaged													
Henrietta township	1 321	24.5	32.8	0.5	3.3	2.6	85.3	20.2	98.3	57.9	1 250	16.8	95.6	361	159	269
Highland township, Oakland County	5 468	58.0	11.6	2.4	22.4	16.0	93.0	21.1	99.2	64.4	5 264	18.6	98.5	451	165	297
Holland township, Ottawa County	4 729	34.8	13.3	5.4	43.6	20.0	95.1	24.8	98.4	61.7	4 569	21.8	96.4	327	142	258
Holly township	2 958	32.4	27.2	6.7	61.3	54.5	92.9	25.4	99.2	63.8	2 784	20.3	96.3	362	165	261
Home township, Montcalm County	966	22.8	40.3	4.3	47.8	47.4	81.5	14.9	94.9	56.6	899	19.7	92.4	322	138	216
Homer township, Calhoun County	1 063	25.2	51.0	6.9	56.1	58.2	84.7	21.5	96.7	59.4	1 002	24.8	92.8	313	158	214
Homer township, Midland County	1 471	26.1	18.5	1.3	1.7	3.6	89.6	18.0	97.8	68.0	1 419	16.6	99.6	353	142	232
Hope township, Barry County	1 251	23.9	28.9	0.7	1.7	1.7	65.4	10.7	95.2	43.0	908	18.1	98.1	343	141	263
Howard township	2 343	23.3	16.2	0.3	3.7	2.2	82.0	42.3	96.5	57.3	2 242	13.1	94.1	332	139	231
Howell township	1 188	44.4	20.8	—	1.4	2.0	91.9	17.3	98.9	82.6	1 148	13.2	98.1	467	197	318
Huron township, Wayne County	3 276	36.0	23.0	1.3	97.8	51.7	93.5	33.0	98.7	62.7	3 167	17.1	97.0	394	194	271
Ida township	1 355	36.0	34.8	—	—	0.7	93.7	26.3	96.8	77.4	1 304	15.4	95.2	440	164	266
Independence township	6 848	33.8	8.3	7.7	25.9	40.1	96.9	29.1	96.6	76.2	6 652	17.1	98.0	445	194	332
Indianfields township	2 502	27.7	44.3	7.3	66.4	66.9	87.0	25.1	96.5	48.9	2 344	19.3	90.1	340	136	211
Ingersoll township	943	30.0	28.5	—	—	1.6	82.6	19.4	98.0	70.5	914	16.4	96.7	357	165	283
Ionia township	1 014	27.3	37.4	0.9	13.4	8.9	84.4	21.2	96.6	60.9	965	16.7	95.1	299	131	220
Ira township	1 685	29.0	27.0	5.7	85.2	81.3	84.2	20.1	98.0	40.5	1 602	21.3	96.4	350	161	235
Ishpeming township	1 190	37.1	25.0	1.9	87.1	87.9	63.9	4.5	96.6	63.4	1 135	14.5	93.7	355	147	270
Jamestown township	1 013	28.6	38.4	—	0.7	0.5	88.7	8.9	98.8	78.6	989	17.5	98.5	357	158	215
Jefferson township, Hillsdale County	1 136	21.8	36.2	1.7	4.0	3.1	84.6	7.3	96.0	49.8	1 021	15.7	95.4	306	147	211
Jerome township	1 561	29.0	12.3	1.9	56.4	7.2	82.1	19.0	94.4	48.4	1 420	16.9	96.8	371	151	250
Johnstown township	1 138	24.3	25.7	—	0.5	—	77.9	14.8	95.3	56.2	1 006	16.4	97.5	323	147	237
Kalamazoo township	8 622	16.7	19.0	20.2	95.8	33.7	96.0	45.8	99.5	46.4	8 146	25.7	93.1	333	148	274
Kalkaska township	1 340	41.2	20.7	4.6	41.8	43.4	79.2	5.4	97.5	57.7	1 166	26.5	92.8	348	140	252
Kawakawin township	1 696	31.1	23.9	0.8	44.4	9.9	87.1	19.6	98.3	65.3	1 581	14.5	93.4	388	159	222
Keeler township	1 079	24.7	25.8	2.7	3.5	3.6	79.7	25.0	98.1	48.2	987	15.0	93.7	360	139	235
Kimball township	2 317	21.5	24.6	1.6	27.4	5.5	79.1	15.0	97.5	56.5	2 209	16.5	95.0	332	158	260
Kochville township	850	32.2	18.7	—	52.9	26.1	92.9	29.8	98.9	64.9	824	15.5	98.8	376	173	270
La Grange township	1 377	16.9	43.9	8.0	56.6	52.4	87.9	37.8	98.3	53.0	1 270	17.4	90.0	318	154	209
Laketon township	2 123	27.4	12.9	1.6	2.8	3.3	90.9	10.4	99.0	74.6	2 057	14.2	98.7	363	148	253
Laketown township	1 290	36.4	22.5	—	4.2	—	90.7	16.2	96.6	75.7	1 256	20.6	97.2	419	157	285
L'Anse township	1 651	25.2	48.9	7.6	67.5	60.8	78.4	11.9	93.3	53.5	1 456	17.0	90.7	305	140	167
Lansing township	4 437	15.3	12.9	28.0	96.4	96.8	96.1	53.5	99.0	41.4	4 316	25.8	93.1	349	145	263
Lapeer township	1 324	41.2	17.0	4.2	6.0	4.9	90.4	21.3	99.2	72.4	1 271	19.0	96.9	431	158	294
Larkin township	1 013	41.0	11.3	—	1.4	1.2	87.6	15.0	98.5	78.1	979	16.4	94.7	413	143	275
La Salle township	1 570	29.8	30.4	0.8	46.2	6.3	83.5	27.1	93.9	67.3	1 485	15.8	97.2	433	180	270
Lawrence township	1 216	21.5	40.7	5.7	33.1	31.2	76.1	24.8	96.4	51.6	1 113	20.8	94.7	329	139	218
Lee township, Midland County	1 088	42.5	9.4	—	5.0	3.8	75.3	13.0	97.0	57.4	1 005	22.7	95.8	329	142	279
Leighton township	971	24.0	33.6	1.3	7.6	9.6	91.3	15.1	97.4	66.4	879	12.5	97.6	357	153	269
Lenox township	1 532	24.0	33.6	0.7	38.6	35.1	85.3	18.1	97.1	69.8	1 432	14.9	94.8	365	170	270
Leoni township	4 958	19.3	25.9	0.6	14.3	49.4	92.8	22.5	98.0	55.6	4 798	17.8	96.4	337	146	230
Le Roy township	993	18.2	30.9	0.5	0.5	0.5	89.5	27.1	97.2	61.3	958	19.0	98.6	353	148	246
Leroy township	1 094	36.3	33.5	0.7	49.5	45.0	88.8	21.3	99.3	63.2	1 055	21.1	97.0	375	181	279
Lexington township	1 171	22.9	38.7	2.7	32.9	31.5	77.6	10.4	94.8	61.4	1 073	13.0	94.9	339	153	191
Lima township	839	36.0	29.7	—	18.6	17.6	91.8	26.3	98.0	81.2	808	12.0	99.8	479	186	308
Lincoln township, Berrien County	5 000	36.9	10.3	11.7	52.5	35.5	95.3	57.7	99.4	56.8	4 777	24.6	97.3	406	167	283
Lockport township	1 153	37.3	17.2	1.1	6.4	6.2	88.4	34.7	98.9	62.5	1 051	20.2	96.8	351	147	269
Lodi township	928	40.5	23.9	—	4.1	1.9	97.0	34.9	98.8	78.2	880	15.7	98.3	638	221	290
London township	939	26.4	29.1	0.5	1.2	1.2	81.9	19.9	95.2	79.8	908	9.8	94.8	380	195	327
Long Lake township	1 535	60.8	12.2	1.3	7.6	1.9	87.0	4.6	98.9	59.3	1 249	29.1	98.7	407	159	314
Lowell township	1 212	52.6	26.7	—	30.9	9.3	89.0	19.9	98.5	67.5	1 182	17.5	98.1	332	163	265
Lyon township, Oakland County	2 564	52.8	7.8	14.0	32.6	32.7	95.0	37.6	99.6	55.3	2 443	18.8	98.8	489	189	278
Lyons township	1 027	21.8	49.5	3.3	60.7	50.1	83.7	23.3	97.5	64.7	960	17.3	94.1	327	146	217
McMillan township, Luce County	1 367	19.0	41.0	4.3	70.1	68.6	64.1	2.5	93.1	50.4	1 224	21.9	90.0	275	123	190
Macomb township	4 951	68.4	8.0	0.8	83.1	67.5	94.4	31.1	99.6	66.7	4 628	27.5	97.9	516	199	260
Madison township	1 686	16.0	24.9	0.8	2.7	8.5	89.7	29.4	97.6	71.8	1 615	14.3	95.6	373	174	198
Manvelo township	1 159	35.7	40.7	1.9	62.1	4.7	81.7	5.2	97.2	60.2	939	20.4	90.9	300	123	254
Manchester township	1 141	20.9	50.8	1.4	53.6	51.2	90.4	29.4	96.8	68.4	1 097	18.7	97.4	436	203	271
Manistee township	1 160	26.5	30.6	0.5	3.5	1.8	85.5	4.6	96.6	62.8	1 053	15.0	96.4	357	140	256
Maple Grove township, Saginaw County	800	34.1	28.1	—	—	—	87.6	15.0	97.3	84.8	789	6.8	98.4	410	197	421
Marathon township	1 370	29.6	35.8	2.2	23.4	24.2	82.1	9.9	98.5	67.0	1 310	18.2	96.3	336	145	223
Marion township, Livingston County	1 322	53.3	17.6	1.4	1.9	2.6	90.8	20.6	99.5	85.7	1 262	10.6	98.0	463	198	241
Marlette township	1 388	25.8	36.3	7.1	53.9	51.5	90.9	24.4	98.9	61.2	1 301	16.8	92.9	347	158	229
Marquette township, Marquette County	964	37.6	20.4	1.7	57.5	7.0	71.1	6.1	95.2	53.6	879	23.2	97.5	408	167	272
Marshall township	887	23.3	26.0	0.7	3.3	2.6	93.0	29.4	98.3	72.8	855	11.9	96.6	423	187	242
Mayfield township, Lapeer County	2 143	53.5	8.4	6.0	29.9	29.3	90.2	22.2	99.7	70.8	2 085	20.2	97.5	356	159	239
Mendon township	1 038	30.2	41.3	—	2.4	37.3	99.9	85.3	29.5	56.0	947	16.2	94.5	332	149	232
Menominee township	1 438	33.2	20.6	0.3	0.3	0.3	77.5	11.7	96.5	64.7	1 327	16.3	99.0	361	150	214
Meridian township	11 615	43.3	7.2	34.2	79.0	91.1	96.3	58.3	98.8	49.5						

Table 54a. Summary of Detailed Housing Characteristics for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Year-round housing units										Occupied housing units					
	Percent with—										Percent with—					
	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	Householder moved into unit March 1980	1 or more vehicles available	Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	1970 to March 1980	1939 or earlier										With a mortgage	Not mortgaged			
Total									Total							
Northfield township	1 561	18.1	32.6	3.1	6.1	45.6	85.5	19.6	97.4	59.3	1 517	23.3	96.2	416	204	307
Northville township	4 054	54.7	6.1	17.2	76.4	74.5	98.8	69.7	99.3	63.3	3 923	21.5	98.4	620	255	339
Nottawa township, St. Joseph County	1 140	28.4	46.8	3.4	38.2	38.5	77.3	17.8	94.6	53.4	1 073	17.3	89.7	306	147	216
Oakfield township	1 028	33.1	19.7	0.2	2.2	1.7	73.6	13.8	98.7	56.2	969	20.8	97.3	341	145	263
Oakland township	2 347	47.1	11.0	1.0	22.2	15.9	95.2	30.1	99.3	80.8	2 243	14.7	98.9	562	241	430
Oceola township	1 316	44.8	15.4	0.6	4.5	2.7	93.1	20.0	100.0	76.5	1 270	18.0	99.1	463	197	316
Odessa township	1 353	23.1	47.6	4.7	66.1	65.3	85.7	16.8	97.8	57.0	1 228	25.4	91.9	325	143	228
Oneida township	1 149	35.7	25.2	10.3	14.4	11.1	96.8	20.3	97.2	73.7	1 074	19.0	96.5	441	177	316
Ontonagon township	1 391	16.8	53.8	1.7	64.2	59.8	86.1	5.8	92.9	58.8	1 259	16.4	93.6	307	146	180
Ontonagon township	2 201	22.2	22.5	1.9	17.8	6.4	90.5	41.7	99.3	56.2	2 076	18.3	96.2	364	149	250
Orangeville township	1 160	25.7	21.0	1.2	3.2	4.2	77.5	14.2	96.6	44.0	842	15.4	98.1	304	137	226
Oregon township	1 646	59.0	16.1	0.5	0.5	0.5	88.2	8.9	98.0	80.6	1 602	17.3	99.6	377	152	285
Orian township	7 830	41.5	17.1	11.3	50.8	65.9	95.5	35.0	98.7	59.3	7 467	22.6	97.7	434	184	296
Oranaka township	3 423	26.6	23.8	19.6	64.0	47.0	86.9	41.5	98.2	51.4	3 253	31.9	92.7	385	148	214
Oscoda township	5 015	26.2	5.9	12.8	56.9	48.9	80.2	4.2	96.4	57.6	3 657	39.0	96.4	343	121	205
Oshrema township	5 007	61.2	7.1	45.5	64.4	56.9	94.8	63.5	99.0	35.3	4 726	47.2	94.2	454	166	221
Otsego township	1 514	38.0	20.7	0.5	6.7	4.9	84.5	26.2	98.6	60.8	1 473	18.8	97.4	327	134	238
Ovid township, Clinton County	1 098	18.6	57.6	5.2	54.2	55.3	86.8	26.4	97.8	71.3	1 036	14.6	95.9	316	151	250
Owosso township	1 655	30.8	18.8	11.1	25.1	30.4	87.4	30.2	99.0	59.0	1 603	19.5	92.2	365	160	264
Oxford township	3 677	37.8	24.3	12.0	48.1	72.9	93.4	30.4	98.1	60.2	3 515	20.0	95.1	442	179	258
Park township, Ottawa County	3 655	38.9	13.3	2.1	18.5	4.2	96.1	19.3	99.2	71.8	3 299	20.5	98.8	401	155	284
Park township, St. Joseph County	939	25.6	30.0	0.9	2.4	0.9	85.5	26.7	97.8	69.0	901	15.2	98.7	338	139	265
Parma township	885	31.3	33.3	1.4	13.4	12.8	87.0	12.1	97.9	66.0	842	16.6	95.2	329	159	247
Pavilion township	1 791	41.0	19.3	—	18.4	24.7	90.2	25.9	98.7	56.7	1 690	24.7	96.9	368	167	263
Paw Paw township	2 486	28.2	35.8	12.2	53.8	53.2	92.0	34.5	96.9	55.9	2 328	18.9	91.6	354	156	199
Peninsula township	1 540	45.2	20.5	3.2	4.2	3.8	90.1	4.6	99.1	66.6	1 360	23.2	97.1	571	202	318
Pennfield township	3 282	17.9	23.1	13.7	32.8	23.9	92.7	40.2	98.8	56.7	3 096	13.6	98.3	319	151	250
Perry township	1 138	43.4	25.1	1.1	20.0	19.3	86.1	23.3	97.5	62.0	1 093	18.7	97.7	424	138	293
Pinconning township	1 002	27.1	20.4	3.9	18.0	5.2	69.4	11.6	89.2	58.7	931	9.0	95.0	361	172	223
Pittsfield township	5 792	49.8	6.7	57.5	82.5	82.1	97.6	74.3	99.0	32.0	5 368	43.1	97.9	522	192	320
Plainfield township, Iosca County	3 704	20.9	8.7	4.8	5.0	6.0	47.6	2.6	83.0	21.8	1 306	13.3	93.6	296	113	216
Plainfield township, Kent County	7 098	34.1	10.5	11.6	54.7	55.9	96.1	39.9	98.7	61.7	6 808	21.1	96.6	346	147	240
Plumouth township	7 774	42.1	3.9	15.5	94.7	92.3	99.2	60.0	99.8	65.8	7 581	19.2	98.8	512	211	292
Pontiac township	5 463	28.6	13.0	27.1	81.0	84.2	94.6	43.0	99.3	43.7	5 224	26.2	96.6	391	163	309
Portage township, Houghton County	1 279	26.0	46.2	7.9	40.0	8.1	68.8	3.9	82.3	55.3	1 142	17.7	90.5	335	138	263
Porter township, Cass County	1 517	26.6	27.7	0.7	1.3	0.7	73.0	32.0	96.5	55.8	1 358	15.3	97.0	360	161	255
Port Huron township	2 685	21.0	21.9	0.9	76.8	37.1	84.5	18.3	95.8	61.5	2 591	17.4	92.7	346	155	251
Partsmouth township	1 409	24.2	22.9	1.3	74.6	16.8	92.5	22.2	99.3	68.5	1 374	12.7	96.6	372	173	303
Prairieville township	1 057	23.4	30.1	1.2	2.4	1.2	76.3	18.3	95.4	51.1	986	14.2	98.5	376	136	248
Putnam township	1 872	41.7	20.7	2.8	5.0	22.6	90.2	19.7	98.5	66.8	1 769	19.3	96.4	439	147	317
Quincy township, Branch County	1 511	19.1	44.4	5.4	47.7	46.1	87.8	17.1	97.4	57.7	1 442	20.7	93.1	330	147	221
Raisin township	1 715	42.7	18.8	0.3	7.2	3.9	89.9	30.9	95.5	75.5	1 668	20.0	97.7	384	162	219
Raisinville township	1 453	30.8	33.6	—	5.6	3.9	90.0	27.9	98.1	80.5	1 387	9.3	97.4	414	177	235
Ray township	954	31.3	27.6	—	—	—	86.8	14.7	98.3	73.7	919	10.6	98.4	407	207	266
Redford township	20 309	3.4	5.7	4.1	100.0	99.5	98.1	55.2	99.5	74.1	20 025	10.3	95.0	324	162	285
Richfield township, Genesee County	2 155	38.6	21.1	0.2	9.7	25.6	95.2	14.1	99.5	71.4	2 102	20.2	98.7	375	190	254
Richfield township, Roscommon County	3 239	40.0	4.4	0.2	0.2	0.7	62.8	4.5	97.9	21.3	1 164	20.8	96.2	267	120	219
Richland township, Kalamazoo County	1 665	38.4	20.1	12.3	13.8	13.4	92.4	42.8	98.6	69.5	1 596	20.7	98.6	462	196	251
Richland township, Saginaw County	1 399	38.8	24.6	2.7	40.7	42.9	87.7	24.8	98.6	66.9	1 368	14.8	98.0	365	166	265
Rives township	1 388	43.4	21.7	—	11.7	11.2	86.2	23.0	97.0	60.7	1 318	15.0	98.5	424	188	279
Rabinsan township	943	41.5	19.5	—	0.4	0.6	79.9	6.9	97.6	64.7	905	13.4	98.5	348	152	255
Rollin township	1 848	15.1	34.3	2.2	13.4	71.4	80.9	16.8	94.4	58.1	1 147	22.4	96.5	365	143	256
Roscommon township	1 450	31.2	13.7	3.1	4.4	56.7	59.0	1.2	98.1	39.9	1 011	19.0	92.7	275	121	183
Rose township, Oakland County	1 376	44.6	18.5	0.4	0.8	0.8	91.6	12.4	97.9	73.8	1 307	20.8	99.2	441	186	326
Ross township	1 810	20.4	39.2	2.3	19.3	2.8	90.3	21.2	98.3	62.8	1 714	18.0	96.4	431	159	250
Royal Oak township	2 938	23.3	5.4	60.6	100.0	98.4	95.6	66.2	96.9	20.9	2 767	15.0	99.0	304	170	301
Royalton township	995	37.6	19.7	1.8	4.1	4.1	94.7	46.8	98.0	77.6	955	9.7	97.3	435	176	273
Saginaw township	14 537	44.2	4.8	25.8	98.7	96.7	97.7	55.4	99.8	38.8	13 777	25.4	96.7	464	201	294
St. Charles township	1 281	20.4	41.8	4.3	65.7	57.1	82.4	25.1	98.7	61.1	1 245	14.9	92.5	324	160	225
St. Clair township	1 404	34.7	21.9	9.5	30.5	26.9	83.6	18.3	98.4	64.2	1 283	17.5	97.8	400	161	246
St. Joseph township	3 532	18.2	9.6	1.5	70.8	95.0	98.4	60.4	99.7	76.6	3 470	12.9	97.3	389	186	288
Salem township, Washtenaw County	1 025	30.6	26.0	0.8	1.3	0.8	93.5	22.3	98.4	78.3	1 007	20.8	99.4	519	248	313
Sandstone township	1 096	23.0	39.3	1.6	2.4	22.6	90.0	16.0	97.9	67.0	1 044	17.1	96.3	356	173	278
Saugatuck township	1 709	18.2	45.0	5.9	66.0	38.9	86.2	12.2	99.4	47.2	1 575	21.3	91.2	367	156	210
Schaalcraft township, Kalamazoo County	2 352	30.9	29.2	6.2	50.1	27.9	91.5	35.2	99.0	61.7	2 247	20.6	95.8	388	159	243
Scio township	2 829	25.2	28.6	2.1	31.7	32.2	95.4	33.0	98.8	68.4	2 718	17.6	98.3	525	215	277
Sebewaing township	1 248	14.3	49.0	2.8	71.6	68.3	88.6	22.4	95.5	59.8	1 197	15.0	94.2	362	140	219
Shelby township, Macomb County	12 310	41.8	4.3	15.0	53.1	18.5	97.4	45.8	99.8	73.2	11 373	17.0	98.6	456	207	328
Shelby township, Oceano County	1 289	17.6	47.3	1.5	51.0	48.8	81.4	6.7	96.8	66.8	1 196	14.0	91.8	304	136	214
Sherman township, St. Joseph County	938	29.5	26.7	—	4.8	0.9	86.0	33.2	98.4	67.9	905	20.9	99.3	345	156	255
Shiawassee township	847	25.4	45.6	—	20.5	3.1	89.3	13.5	97.3	70.5	808	16.7	97.6	342	173	266
Silver Creek township	1 289	31.4	26.0	1.9	4.8	5.3	90.5	36.0	96.7	58.0	1 236	14.6	93.9	345	144	241
Solon township, Kent County	929	44.3	18.2	1.4	8.1	7.6	86.1	13.8	100.0	47.9	906	22.4	98.2	338	178	231
Somerset township	1 456	51.9	19.3	—	3.0	4.1	89.5	13.3	96.2	69.0	1 078	22.6	97.7	372	149	240
Southfield township	5 264	8.3	6.2	4.8	74.2	79.0	99.4	62.7	99.8	83.9	5 110	11.3	98.3	610	256	500+
South Haven township	1 615	33.3	23.8	5.4	27.9	25.8	83.8	17.5	98.3	56.7	1 483	21.0	96.7	338	140	241
Sparta township																

Table 54a. Summary of Detailed Housing Characteristics for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Year-round housing units									Occupied housing units						
	Percent with—									Total	Percent with—		Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Year structure built		Source of water by public system or private company						Householder moved into unit 1979 to March 1980		1 or more vehicles available	With a mortgage	Not mortgaged			
	1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms								
Total																
Surrey township	1 342	36.8	14.8	2.2	22.7	24.9	76.8	9.9	97.7	41.4	1 091	16.3	96.7	267	141	238
Swan Creek township	761	34.2	15.4	—	44.7	7.6	79.8	24.6	98.6	68.2	748	16.2	96.8	365	156	354
Sylvan township, Washtenaw County	1 933	17.5	41.7	7.2	63.7	63.2	95.0	32.9	98.2	60.1	1 870	18.6	93.9	458	184	286
Tallmadge township	1 830	34.2	16.8	0.3	3.2	1.4	91.3	11.8	99.3	69.7	1 770	11.9	97.1	350	154	277
Taymouth township	1 368	42.8	20.2	—	9.9	5.3	83.4	20.0	95.8	69.1	1 330	11.0	95.9	325	148	246
Texas township	1 873	42.7	12.5	0.7	9.0	11.3	89.9	37.4	98.8	73.7	1 765	18.3	98.1	458	186	309
Thefford township	2 817	48.4	12.3	6.8	21.5	39.9	92.9	26.7	99.6	61.5	2 715	20.5	98.2	368	181	241
Thomas township	3 550	38.5	11.0	8.5	88.2	71.5	94.1	34.4	99.3	69.2	3 445	16.2	98.6	399	182	279
Thornapple township	1 377	28.3	31.1	2.2	45.0	43.0	89.8	17.1	97.9	78.8	1 322	14.7	96.3	337	143	213
Three Oaks township	1 101	11.2	52.0	0.6	62.1	58.1	88.9	45.6	98.3	59.4	1 047	14.0	90.2	337	145	203
Tittabawassee township	1 655	34.7	19.2	4.3	48.4	38.1	92.4	22.5	99.1	67.8	1 590	16.0	98.9	399	175	261
Tyrone township, Kent County	1 058	30.9	32.0	2.1	7.6	34.8	86.5	13.4	97.5	62.1	992	14.8	95.3	339	145	246
Tyrone township, Livingston County	1 849	42.8	13.8	0.3	7.0	1.1	91.7	16.3	98.4	85.5	1 756	17.5	99.0	451	176	343
Unadilla township	931	37.5	27.1	0.9	0.9	1.2	85.9	21.5	98.5	64.4	905	17.6	98.9	368	164	317
Union township, Branch County	1 067	10.9	68.2	3.2	58.0	21.9	88.1	21.7	97.0	67.0	1 010	18.3	93.6	291	144	212
Union township, Isabella County	1 953	34.7	17.8	14.3	28.3	28.4	89.8	29.4	96.5	54.5	1 818	29.2	96.1	376	142	258
Van Buren township	7 041	50.5	8.2	25.8	92.4	76.6	96.4	54.3	99.1	49.4	6 701	27.6	97.7	386	184	363
Vassar township	1 118	48.3	10.6	—	9.3	5.8	78.3	20.3	97.9	56.1	1 100	18.7	97.3	319	152	223
Venice township	982	34.0	29.7	2.1	2.4	15.6	90.8	16.9	96.0	70.3	932	7.2	97.6	356	173	290
Vernon township, Shiawassee County	1 701	34.6	25.4	2.1	15.5	31.2	92.0	22.8	98.8	62.0	1 652	17.4	95.3	333	153	244
Vevay township	1 004	45.4	29.4	—	9.9	8.7	87.2	18.6	98.5	78.5	957	17.1	99.0	417	194	255
Vienna township, Genesee County	4 237	38.9	13.3	9.8	14.1	53.6	94.4	24.9	99.0	65.9	4 001	18.1	97.0	368	168	266
Washington township, Macomb County	3 305	39.2	23.5	8.3	31.0	43.6	95.9	34.6	98.6	71.9	3 078	14.4	96.6	519	220	279
Waterford township	23 706	27.0	11.3	19.9	72.5	66.9	95.7	40.2	99.1	55.6	22 542	21.8	97.2	385	177	316
Watertown township, Clinton County	1 180	32.2	25.4	0.7	3.3	4.2	90.6	20.8	99.0	76.8	1 145	12.3	97.7	450	181	219
Watervliet township	1 286	29.9	26.9	7.9	30.9	69.8	80.2	39.0	97.4	50.8	1 152	26.6	95.4	322	160	238
Wayne township	1 003	19.6	26.3	—	0.9	0.9	71.0	21.8	98.8	60.5	874	11.3	97.9	298	141	231
Webster township	918	38.5	23.9	0.4	6.1	5.9	93.0	19.7	98.8	73.7	878	17.8	98.9	526	218	300
Wells township, Delta County	1 660	37.6	22.4	0.7	1.1	1.0	89.1	4.9	97.8	69.0	1 580	14.2	97.6	344	151	194
West Bloomfield township	13 533	46.5	6.9	4.7	67.2	71.2	98.9	59.4	99.8	84.3	12 877	14.9	99.6	624	235	484
Wheeler township	1 172	18.3	45.3	1.3	51.5	51.3	81.8	13.3	99.4	61.3	1 095	16.4	95.4	324	143	220
Whiteford township	1 515	22.1	32.3	4.8	5.4	4.9	88.4	26.9	97.9	75.0	1 466	11.3	99.6	413	192	208
White Lake township	7 293	42.9	11.7	4.2	23.1	16.3	95.6	23.7	99.1	62.4	7 037	20.8	97.9	430	178	305
White Pigeon township	1 339	24.5	34.2	2.8	42.5	7.2	89.7	34.7	97.9	56.3	1 267	21.5	95.8	359	150	239
Williams township	1 394	23.2	19.4	0.5	39.8	5.7	92.4	17.4	98.8	74.7	1 362	16.2	98.4	367	187	266
Williamston township	1 239	38.6	12.8	—	3.8	2.8	92.2	30.1	99.7	81.4	1 210	14.9	99.1	480	203	235
Windsor township	2 068	39.6	19.7	0.4	18.0	32.2	92.8	25.6	98.7	62.1	2 029	16.1	98.4	433	165	231
Woodhull township	1 070	39.2	18.4	3.2	13.9	9.3	86.3	25.1	97.4	69.2	1 031	16.1	98.2	375	201	274
Woodstock township	1 515	21.8	32.1	1.8	9.7	37.2	83.1	9.9	95.8	51.8	1 058	20.6	97.6	381	121	242
Worth township	1 245	22.6	26.9	0.5	8.6	2.7	76.0	9.2	96.6	51.7	1 134	13.3	94.1	299	117	258
Wright township, Ottawa County	950	20.2	33.1	2.0	4.6	19.2	88.7	8.9	97.2	70.1	913	10.6	96.9	344	155	261
Yark township	1 218	36.8	28.5	1.8	4.5	4.1	96.3	23.0	98.2	80.3	1 177	14.3	99.6	548	212	295
Ypsilanti township	17 256	40.6	4.7	34.7	96.3	94.4	96.1	58.0	99.1	47.5	16 162	32.8	95.3	375	172	302
Zeeland township	1 224	39.2	38.0	—	12.8	7.5	90.1	18.1	98.0	69.2	1 189	18.6	98.6	335	154	232

Table 55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 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]

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air condition- ing	1 or more complete bath- rooms	3 or more bed- rooms	House- holder moved into unit 1979 to March 1980	1 or more vehicles available	With a mort- gage		Not mort- gaged
		1970 to March 1980	1939 or earlier												
The State	2 762 036	23.4	26.0	11.0	70.4	69.3	92.2	36.3	98.5	58.9	19.5	93.0	368	158	257
URBAN AND RURAL AND SIZE OF PLACE															
Urban	1 894 033	19.4	24.7	14.9	92.3	91.8	95.9	44.8	98.8	56.7	20.5	91.6	367	162	260
Inside urbanized areas	1 629 716	19.5	21.4	15.3	92.0	91.3	96.5	48.0	98.9	57.0	20.0	91.9	370	164	267
Central cities	449 906	7.4	44.0	15.8	99.6	98.9	95.1	37.1	98.0	46.6	22.2	84.4	313	146	227
Urban fringe	1 179 810	24.1	12.8	15.2	89.1	88.4	97.0	52.1	99.2	61.0	19.1	94.8	386	174	288
Outside urbanized areas	264 317	18.6	44.9	12.3	94.2	94.8	92.5	25.1	98.1	54.6	23.5	90.0	350	149	225
Places of 10,000 or more	93 384	17.2	42.3	13.9	97.4	97.1	93.3	24.4	98.2	53.6	25.6	89.2	357	150	226
Places of 2,500 to 10,000	170 933	19.4	46.3	11.5	92.5	93.5	92.1	25.5	98.1	55.1	22.4	90.4	347	149	225
Rural	868 003	32.1	28.7	2.5	22.6	20.1	84.0	17.8	97.7	63.6	17.3	96.0	370	150	242
Places of 1,000 to 2,500	85 579	17.9	44.9	6.7	85.6	82.8	88.2	20.8	98.2	56.8	20.6	91.2	328	144	217
Other rural	782 424	33.6	26.9	2.1	15.8	13.2	83.5	17.4	97.7	64.4	16.9	96.6	376	151	249
Farm	55 157	11.7	67.1	—	1.9	0.8	83.0	13.4	97.2	81.6	5.5	97.8	416	170	233
INSIDE AND OUTSIDE SMSA's															
Inside SMSA's	2 222 012	22.6	23.4	12.4	77.3	76.5	94.6	41.8	98.8	59.2	19.5	93.0	374	164	264
Urban	1 742 885	19.6	22.7	15.1	91.9	91.5	96.3	47.0	98.9	56.9	20.2	91.9	369	164	265
Central cities	469 857	8.5	41.6	16.5	98.2	96.4	95.3	37.9	98.1	47.1	22.6	85.1	319	147	229
Not in central cities	1 273 028	23.7	15.7	14.6	89.6	89.6	96.6	50.3	99.1	60.5	19.3	94.4	383	172	283
Rural	479 127	33.7	25.8	2.8	24.0	22.1	88.6	23.0	98.4	67.4	17.2	96.9	391	164	257
Outside SMSA's	540 024	26.4	36.7	5.2	42.2	39.4	82.1	13.6	97.2	57.7	19.3	93.2	337	141	218
Urban	151 148	16.6	48.2	12.7	96.8	95.9	91.9	19.5	98.0	54.1	24.1	88.7	342	146	213
Rural	388 876	30.2	32.2	2.2	21.0	17.5	78.4	11.3	96.8	59.0	17.4	94.9	336	138	224
SCSA's															
Detroit—Ann Arbor, Mich.	1 276 324	21.7	19.1	14.2	87.7	86.0	96.2	48.8	99.0	60.0	18.4	92.5	390	172	283
Urban	1 139 028	19.5	18.8	15.5	95.2	93.8	96.9	51.9	99.0	58.8	18.5	91.9	384	172	283
Rural	137 296	40.0	21.4	2.6	25.6	21.5	90.1	23.1	98.6	69.9	18.0	97.6	441	179	283
SMSA's															
Ann Arbor, Mich.	81 501	25.6	22.0	27.6	79.3	79.5	96.9	48.0	98.4	50.1	31.6	93.8	470	202	304
Urban	63 503	24.2	19.9	35.2	97.3	97.3	97.9	53.9	98.4	43.5	35.7	92.5	454	199	304
Rural	17 998	30.7	29.5	1.0	15.8	16.7	93.6	27.2	98.5	73.2	17.3	98.4	510	206	303
Battle Creek, Mich.	61 227	17.8	37.3	7.2	49.1	40.5	89.4	28.4	97.9	56.6	19.2	92.9	326	144	224
Urban	33 038	11.0	40.3	11.1	80.5	64.6	93.9	35.0	98.0	51.7	21.5	89.6	314	141	216
Rural	28 189	25.8	33.8	2.5	12.4	12.2	84.1	20.8	97.7	62.2	16.6	96.7	343	150	250
Bay City, Mich.	40 454	22.1	33.8	7.4	82.2	61.3	91.7	27.3	98.0	59.4	16.7	92.2	355	164	227
Urban	27 555	17.3	39.3	9.7	99.0	80.8	93.8	31.6	98.1	55.7	17.5	90.5	344	162	224
Rural	12 899	32.3	22.1	2.6	46.5	19.8	87.1	18.1	97.8	67.1	15.0	95.9	377	170	248
Bentley Harbor, Mich.	52 410	19.2	29.9	7.9	52.3	60.2	90.9	46.5	98.6	56.4	19.6	92.7	343	147	237
Urban	27 597	17.1	29.3	10.9	71.2	87.2	93.6	52.1	98.6	53.3	21.1	91.1	336	147	234
Rural	24 813	21.4	30.6	4.7	31.3	30.2	87.8	40.3	98.5	59.9	17.9	94.5	352	146	244
Detroit, Mich.	1 194 823	21.5	18.9	13.2	88.3	86.4	96.2	48.9	99.0	60.7	17.6	92.4	387	171	280
Urban	1 075 525	19.2	18.7	14.4	95.0	93.6	96.9	51.9	99.0	59.8	17.5	91.9	382	171	280
Rural	119 298	41.4	20.2	2.9	27.1	22.2	89.6	22.5	98.7	69.4	18.1	97.5	433	175	281
Flint, Mich.	151 156	24.1	24.1	8.7	56.0	76.7	94.2	32.3	98.8	58.7	19.5	93.9	348	160	256
Urban	104 692	19.2	25.5	11.4	73.9	96.2	95.0	36.9	98.7	53.0	20.9	92.4	334	155	255
Rural	46 464	35.1	21.1	2.5	15.8	32.9	92.4	21.8	98.9	71.6	16.2	97.4	377	176	266
Grand Rapids, Mich.	192 881	26.1	27.6	10.0	71.3	68.0	94.4	30.5	98.8	59.9	21.7	93.9	340	145	229
Urban	140 461	21.8	29.9	12.9	91.2	88.7	95.9	35.1	98.8	56.7	23.1	92.4	329	143	225
Rural	52 420	37.5	21.7	2.1	18.0	12.5	90.4	18.2	98.9	68.3	17.9	97.8	375	152	254
Jackson, Mich.	48 066	20.7	37.4	7.2	44.2	57.7	92.5	27.3	98.1	57.3	19.8	92.8	341	150	235
Urban	25 567	11.5	46.8	11.0	70.3	89.8	94.9	31.7	97.8	51.8	21.9	89.6	316	144	231
Rural	22 499	31.2	26.9	2.9	14.6	21.3	89.7	22.2	98.5	63.6	17.5	96.5	374	161	246
Kalamazoo—Portage, Mich.	90 701	24.8	28.6	13.9	60.9	46.6	91.6	37.1	98.4	54.5	25.0	93.3	363	155	238
Urban	53 639	20.4	27.9	20.4	86.0	65.5	95.7	43.1	98.5	50.0	29.0	91.6	359	158	239
Rural	37 062	31.3	29.6	4.5	24.5	19.4	85.6	28.3	98.4	61.1	19.3	95.7	369	150	233
Lansing—East Lansing, Mich.	148 451	26.1	29.5	15.9	69.3	72.3	92.8	35.9	98.4	56.1	25.5	93.8	372	158	254
Urban	99 333	24.4	25.9	22.4	93.9	96.7	95.6	43.4	98.5	48.9	29.8	92.1	364	157	254
Rural	49 118	29.8	36.7	2.5	19.5	23.0	87.3	20.6	98.3	70.5	16.9	97.1	386	162	251
Muskegon—Norton Shores—Muskegon Heights, Mich.	55 353	20.6	28.5	6.8	55.0	49.6	88.1	14.5	98.5	55.0	18.1	93.4	306	135	212
Urban	34 227	16.3	28.9	10.6	77.4	70.7	92.9	18.5	98.9	51.3	19.2	91.9	297	132	208
Rural	21 126	27.7	27.9	0.8	18.7	15.4	80.4	8.0	97.7	60.9	16.3	95.9	318	142	226
Saginaw, Mich.	62 895	24.4	28.2	8.7	78.1	71.5	91.5	33.7	98.8	61.2	17.8	94.0	367	164	257
Urban	40 329	19.4	31.1	12.6	98.9	97.3	93.7	39.8	99.2	56.6	20.0	92.3	363	162	258
Rural	22 566	33.3	23.0	1.9	41.1	25.4	87.4	22.7	98.2	69.5	13.9	97.0	373	170	249
Toledo, Ohio—Mich.	250 805	21.3	33.6	12.1	80.3	76.9	92.4	49.6	98.5	57.9	19.7	92.2	369	144	245
Urban	185 183	19.2	33.4	15.2	96.4	94.4	94.0	54.7	98.8	54.9	21.0	90.6	363	140	243
Rural	65 622	27.1	34.1	3.5	35.0	27.4	87.9	35.2	97.6	66.3	16.1	96.6	385	158	257
Michigan (pt.)	42 094	25.8	29.8	7.2	61.1	57.6	91.1	38.5	97.8	62.9	16.5	94.8	395	172	254
Urban	17 419	22.5	31.5	11.1	87.6	87.6	93.9	45.9	98.4	56.8	18.3	91.9	393	169	244
Rural	24 675	28.2	28.6	4.5	42.4	36.4	89.1	33.3	97.4	67.2	15.3	96.8	396	174	265
Ohio (pt.)	208 711	20.3	34.3	13.1	84.2	80.8	92.7	51.8	98.6	56.9	20.4	91.7	362	139	244
Urban	167 764	18.9	33.6	15.6	97.3	95.1	94.0	55.6	98.9	54.7	21.3	90.5	359	138	243
Rural	40 947	26.4	37.4	2.9											

Table 55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Percent with—															
	Year structure built		Source of water by public system or private company									Householder moved into unit 1979 to March 1980	1 or more vehicles available		With a mortgage	Not mortgaged
	1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms								
Total																
URBANIZED AREAS—Con.																
Muskegon—Muskegon Heights, Mich.	31 909	15.6	29.0	11.1	78.9	71.1	93.1	19.0	98.9	51.2	19.2	91.7	297	132	207	
Part Huron, Mich.	20 557	17.2	38.4	9.6	95.3	90.7	94.1	25.8	98.2	54.6	21.5	90.5	345	158	247	
Saginaw, Mich.	38 099	19.0	31.2	12.6	99.0	97.4	93.6	39.8	99.2	56.3	20.0	92.0	359	161	259	
South Bend, Ind.—Mich.	74 037	16.4	33.3	12.1	78.7	79.8	95.2	59.6	98.8	51.4	19.6	90.0	292	121	224	
Indiana (pt.)	65 774	16.6	33.4	12.3	79.9	79.1	95.5	60.6	98.9	51.3	19.6	89.9	291	119	225	
Michigan (pt.)	8 263	14.9	32.7	10.4	68.5	85.5	93.2	51.9	98.1	52.5	19.3	90.2	296	140	221	
Talado, Ohio—Mich.	153 692	18.4	32.8	15.2	95.8	92.7	94.2	55.5	98.9	55.3	20.2	90.4	361	139	243	
Michigan (pt.)	4 321	20.6	12.5	4.2	52.6	55.8	94.6	44.3	99.1	73.7	13.1	97.5	423	189	255	
Ohio (pt.)	149 371	18.3	33.4	15.6	97.1	94.8	94.2	55.8	98.9	54.8	20.4	90.2	358	139	243	
PLACES OF 2,500 OR MORE																
Adrian city	6 766	14.5	48.1	15.2	99.3	98.8	93.3	38.2	97.1	49.6	24.3	89.0	344	155	241	
Albion city	2 431	6.2	55.0	11.9	95.8	98.1	91.4	22.5	97.8	56.1	25.6	87.1	308	141	202	
Algonac city	1 572	28.6	34.7	10.0	97.5	98.9	91.2	21.5	99.2	56.0	22.6	91.0	333	175	216	
Allegan city	1 561	9.2	67.4	7.5	96.8	94.6	92.8	25.1	97.4	61.1	18.6	93.0	299	140	206	
Allen Park city	11 837	5.2	6.4	7.7	100.0	99.9	99.1	67.7	99.9	72.9	9.5	95.3	371	188	306	
Alma city	3 050	19.7	44.9	14.4	97.2	98.9	91.1	29.3	99.1	53.3	27.6	90.3	311	133	...	
Alpena city	4 561	11.4	57.0	5.8	99.9	99.7	95.6	4.0	99.2	60.8	22.5	85.9	...	...	...
Ann Arbor city	33 938	19.0	22.5	36.9	99.7	99.5	98.9	52.6	98.3	42.1	37.5	90.6	506	224	312	
Bad Axe city	1 180	...	...	...	...	...	...	...	...	...	...	...	341	146	...
Battle Creek city	10 997	7.8	58.0	14.5	98.8	96.1	94.7	31.4	97.2	44.3	24.6	83.4	284	136	200	
Bay City city	15 020	7.2	59.6	6.9	100.0	99.5	92.2	28.0	97.3	54.7	17.7	86.7	328	161	205	
Beecher (CDP)	2 676	8.1	17.9	1.3	98.5	96.7	85.9	20.7	97.7	52.6	19.8	89.1	248	144	264	
Belding city	1 938	21.3	49.7	9.9	98.0	91.6	92.6	29.6	97.2	58.5	21.7	90.0	279	122	186	
Belleville city	1 408	49.1	19.9	25.4	100.0	99.1	97.7	58.2	99.3	39.6	24.1	94.9	375	186	284	
Benton Harbor city	940	0.7	64.6	19.8	97.6	98.6	93.7	36.8	93.6	33.6	15.9	71.6	...	...	146
Benton Heights (CDP)	1 123	6.1	26.3	5.8	20.7	81.8	84.1	30.8	97.9	38.6	24.3	85.3	257	120	232	
Berkley city	6 604	6.7	17.2	5.2	99.9	99.9	97.7	47.8	99.6	65.2	13.1	94.1	353	168	264	
Bessemer city	973	5.4	79.7	6.0	98.3	91.3	93.2	1.0	93.7	53.9	11.2	82.5	300	131	...	
Beverly Hills village	3 908	6.5	5.4	5.3	93.4	99.0	99.5	61.0	99.7	83.2	11.9	97.8	575	243	500+	
Big Rapids city	3 150	19.8	37.3	24.4	91.2	96.6	87.3	15.7	97.6	40.6	42.2	88.4	346	131	183	
Birmingham city	8 905	6.6	25.0	16.6	99.7	99.7	99.3	59.3	99.9	60.6	18.3	94.7	525	223	412	
Blissfield village	1 113	13.6	55.7	2.7	100.0	97.8	92.2	40.5	98.2	61.5	11.5	92.4	391	195	247	
Bloomfield Hills city	1 207	16.9	20.2	13.2	85.1	96.1	98.7	76.8	100.0	79.3	13.6	99.4	1000+	400+	500+	
Bozette city	1 237	26.8	51.0	6.7	85.4	77.0	86.1	5.3	98.6	51.5	20.5	88.5	304	140	218	
Brighton city	1 640	80.9	21.5	32.5	97.4	98.5	93.0	59.3	97.9	39.8	32.7	94.6	475	179	...	
Brownlie Park (CDP)	1 128	8.0	35.1	1.1	45.5	28.5	85.0	27.5	97.5	21.8	24.0	91.9	241	115	...	
Buchanan city	1 751	19.2	45.0	16.2	99.1	94.9	90.3	58.3	98.4	47.7	26.8	88.6	311	138	225	
Burton city	10 053	12.1	17.1	6.9	40.7	88.8	92.3	30.7	99.1	56.1	16.5	94.2	324	161	245	
Cadillac city	3 819	...	...	...	...	...	...	...	...	...	...	...	327	148	...
Carleton village	934	59.0	25.1	2.9	98.6	92.7	94.9	38.4	99.6	50.5	30.2	97.1	382	159	...	
Cara village	1 652	22.0	51.2	12.7	98.1	99.0	88.7	32.2	96.6	46.7	18.8	87.9	366	137	204	
Cedar Springs city	851	29.6	34.8	10.3	97.3	97.8	89.7	24.0	98.6	44.7	33.5	90.0	286	134	201	
Center Line city	3 549	15.1	14.0	23.8	100.0	99.8	99.1	50.7	99.4	51.9	10.5	85.5	348	178	156	
Charlevoix city	1 277	23.2	56.3	10.8	99.3	94.4	94.8	2.0	99.6	59.3	21.3	89.4	364	142	...	
Charlotte city	2 939	14.1	52.2	11.8	98.8	96.3	90.6	24.1	97.4	48.3	27.6	90.1	325	151	223	
Cheboygan city	1 766	12.7	58.2	7.8	93.0	86.6	85.7	7.7	97.3	59.3	18.7	87.6	318	138	199	
Chelsea village	1 335	...	...	...	...	...	...	...	...	...	...	...	454	179	...
Chesaning village	910	...	...	...	...	...	...	...	...	...	...	...	356	168	...
Clare city	1 271	29.3	27.9	15.7	92.1	90.4	92.6	21.3	98.1	44.5	30.2	89.8	...	...	177
Clawson city	5 385	10.2	13.0	17.1	100.0	99.9	96.7	54.3	99.6	63.2	15.9	91.5	349	172	...	
Clio city	1 004	26.1	39.1	27.7	99.4	100.0	90.8	42.4	93.9	38.6	26.8	87.6	324	166	252	
Coldwater city	3 544	15.9	50.4	13.6	95.6	96.0	94.2	25.3	97.0	50.1	24.1	88.4	301	143	224	
Comstock Park (CDP)	1 817	22.4	15.7	10.0	75.1	82.8	94.9	38.1	98.8	58.3	23.4	94.7	292	133	289	
Coopersville city	947	34.3	35.0	3.6	90.2	90.8	94.5	15.7	98.9	62.5	26.2	96.0	354	158	...	
Corunna city	1 058	...	...	...	...	...	...	...	...	...	...	...	313	150	...
Cutler (CDP)	3 010	51.5	5.4	...	60.1	84.1	94.9	27.4	98.9	37.9	26.8	85.1	296	126	...	
Davison city	2 368	33.6	14.4	32.0	98.5	99.1	94.6	49.0	96.5	45.0	23.5	89.3	358	155	249	
Dearborn city	34 567	4.8	31.2	8.5	100.0	99.8	98.7	58.7	98.7	58.7	12.3	89.9	367	157	256	
Dearborn Heights city	22 843	5.4	6.0	5.2	99.9	99.7	98.0	59.0	99.9	73.0	9.2	95.2	338	185	307	
Detroit city	174 642	2.1	45.6	15.6	100.0	99.6	95.0	40.4	98.0	45.1	16.4	78.8	299	147	214	
De Witt city	956	52.5	17.5	10.8	24.3	72.8	97.5	27.8	100.0	72.2	30.5	97.1	482	178	279	
Dawson city	1 927	14.2	54.7	12.5	98.5	98.3	88.5	44.9	98.5	52.3	23.9	89.7	283	131	213	
Dundee village	970	13.8	39.5	14.0	100.0	98.2	86.2	45.4	98.0	42.8	24.0	90.2	378	173	244	
Durand city	1 355	19.8	55.1	0.8	95.3	92.6	88.4	32.7	98.5	64.4	19.7	94.5	323	148	...	
East Detroit city	13 186	3.5	12.9	5.8	100.0	100.0	98.1	51.4	99.7	70.0	10.1	92.9	336	181	277	
East Grand Rapids city	3 712	3.9	30.9	1.7	100.0	100.0	99.2	51.2	100.0	80.7	11.5	97.4	471	223	...	
East Lansing city	11 579	17.2	13.5	48.8	99.8	98.8	98.5	53.5	98.8	38.5	43.6	92.9	511	251	258	
East Tawas city	1 063	23.6	36.0	6.5	80.8	99.2	94.4	3.3	100.0	52.7	15.5	90.3	297	133	188	
Eastwood (CDP)	2 905	9.8	26.7	15.0	95.6	23.1	95.4	43.6	99.3	45.3	23.9	91.9	303	134	255	
Eaton Rapids city	1 594	13.1	46.7	6.3	97.1	95.1	88.9	29.0	98.6	60.7	21.8	93.7	...	...	...
Ecorse city	3 139	6.1	53.9	6.5	100.0	99.8	88.3	40.0	97.1	41.3	22.3	83.8	288	134	221	
Escanaba city	5 499	17.9	57.7	11.2	99.2	99.1	89.1	4.1	98.3	47.2	21.0	85.6	333	162	187	
Essexville city	1 479	5.4	35.2	0.7	100.0	100.0	97.6	35.7	98.7	66.9	11.5	92.6	349	144	251	
Fair Plain (CDP)	2 767	9.1	15.3	9.0	46.4	95.0										

Table 55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980—Con.

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

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

	Occupied housing units											Median selected monthly owner casts (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	Percent with—													
	Total	Year structure built		Source of water by public system or private company				Householder moved into unit 1979 to March 1980		1 or more vehicles available		With a mortgage	Not mortgaged	
	1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	1 or more	1 or more				
PLACES OF 2,500 OR MORE—Con.														
Gibraltar city	1 473	28.4	14.0	16.0	99.7	99.7	96.9	44.2	99.6	60.4	20.8	98.1	...	...
Gladstone city	1 613	11.5	61.5	8.2	90.6	89.3	89.8	3.0	95.9	63.8	16.4	90.8	337	149
Grand Blanc city	2 552	39.2	7.1	35.5	99.8	100.0	98.6	65.8	98.8	53.8	30.4	95.3	467	199
Grand Haven city	4 437	16.4	39.4	11.4	98.6	95.3	93.8	17.0	98.0	52.6	27.2	91.4	340	152
Grand Ledge city	2 609	35.4	38.4	14.8	99.5	98.4	93.0	37.1	98.9	45.8	29.2	93.2	349	166
Grand Rapids city	55 214	8.5	46.3	11.6	98.6	98.3	94.9	30.6	98.4	54.1	23.0	88.2	316	141
Grandville city	4 127	30.1	15.8	9.9	96.1	84.8	95.9	37.8	99.9	67.7	15.2	96.0	346	151
Greenville city	3 051	19.2	43.9	12.5	97.5	93.3	88.5	28.0	97.7	46.4	21.3	89.9	303	123
Grasse Pointe city	2 379	...	...	...	...	...	...	...	...	...	...	...	...	400
Grasse Pointe Farms city	3 764	1.6	37.4	...	100.0	99.8	99.8	64.4	100.0	83.3	8.2	98.0	591	293
Grasse Pointe Park city	4 782	1.2	66.1	1.9	100.0	99.8	99.1	52.9	99.4	70.8	18.1	94.0	593	288
Grasse Pointe Shores village	989	16.5	10.8	0.6	100.0	100.0	99.4	80.0	100.0	91.8	9.9	98.8	978	400+
Grasse Pointe Woods city	6 542	4.0	10.4	1.3	99.9	99.8	99.3	68.4	100.0	78.7	6.8	97.2	519	245
Hamtramck city	8 028	0.8	79.6	4.1	99.9	99.8	87.5	33.0	93.6	32.4	17.2	69.8	259	124
Hancock city	1 828	10.6	70.4	18.7	99.7	98.2	91.8	5.6	95.1	53.3	21.2	79.0	332	155
Harper Woods city	6 472	2.3	3.3	13.1	99.9	99.9	97.7	62.0	99.5	52.1	8.1	90.7	351	178
Haslett (CDP)	2 940	47.8	9.9	34.3	77.0	94.0	95.3	50.3	98.6	39.4	33.6	93.0	379	199
Hostings city	2 356	7.5	56.5	6.3	96.4	94.4	89.2	24.3	96.5	58.5	20.5	87.8	312	143
Hazel Park city	7 226	4.1	28.6	6.0	100.0	99.7	94.7	42.4	98.7	48.8	15.6	91.2	300	145
Highland Park city	2 214	5.3	77.1	47.3	100.0	99.2	97.2	30.8	95.8	35.0	17.1	61.6	299	165
Hillsdale city	2 680	10.7	61.2	14.7	98.9	92.9	94.7	24.6	96.5	51.9	24.6	83.2	...	...
Holland city	8 639	14.8	37.2	8.1	87.1	89.0	96.1	27.2	98.2	56.6	22.2	90.6	336	145
Holly village	1 606	24.6	36.4	8.7	94.0	84.0	94.6	28.5	100.0	63.8	22.9	93.9	344	164
Holt (CDP)	3 599	39.0	10.6	21.0	90.9	96.3	95.9	40.6	99.2	48.2	28.5	93.7	369	172
Houghton city	1 664	18.5	60.3	36.5	98.0	96.9	95.7	3.8	96.8	41.6	29.4	86.8	374	159
Howell city	2 630	30.5	42.2	23.2	92.5	91.3	93.2	43.2	98.8	45.7	29.1	91.9	405	167
Hudson city	886	4.2	73.1	2.9	99.3	96.4	93.7	31.7	100.0	66.9	11.9	88.7	324	148
Hudsonville city	1 583	39.2	15.4	7.7	87.5	96.8	96.6	34.9	100.0	57.8	23.2	97.5	311	142
Huntington Woods city	2 440	0.6	19.3	0.5	100.0	100.0	98.9	73.0	100.0	86.4	11.3	98.7	532	260
Inkster city	5 687	16.0	4.9	27.8	100.0	99.7	97.6	57.1	99.2	50.8	21.6	90.9	307	159
Ionia city	2 148	9.4	68.8	7.8	99.7	97.5	91.9	28.9	97.6	62.3	22.8	87.5	296	132
Iron Mountain city	3 360	11.2	70.5	7.1	99.1	96.9	92.6	16.0	98.3	50.3	18.4	86.7	367	148
Ironwood city	3 174	5.8	73.0	6.6	100.0	95.9	91.0	5.8	96.2	52.0	12.9	80.6	279	139
Ishpeming city	2 974	11.7	70.5	11.4	99.8	97.3	91.2	4.9	97.1	45.1	13.8	83.6	355	173
Ithaca city	1 035	21.1	51.6	4.5	96.2	94.0	90.1	20.7	98.0	63.1	20.0	92.9	...	...
Jackson city	12 781	4.2	70.0	11.1	99.2	99.2	95.7	28.0	96.9	49.5	25.4	83.9	301	140
Jenison (CDP)	4 556	43.7	1.3	4.3	73.8	32.6	98.8	32.1	99.7	80.8	13.6	98.5	345	158
Kalamazoo city	24 192	13.6	40.7	22.9	99.6	93.4	95.9	39.0	98.8	42.6	33.8	88.1	355	163
Keega Harbor city	1 182	21.6	35.0	11.9	84.3	98.3	90.9	46.3	98.6	31.6	32.1	92.8	325	154
Kentwood city	10 878	53.5	4.9	30.1	92.7	89.1	97.7	53.2	99.3	48.5	34.3	96.4	360	153
Kingsford city	1 981	...	...	...	...	...	...	...	...	...	...	...	...	217
K. I. Sawyer AFB (CDP)	1 669	6.2	0.8	6.5	99.1	99.4	98.1	0.9	100.0	83.5	50.4	99.8	...	127
Lake Fenton (CDP)	1 014	25.8	21.1	...	2.4	96.6	99.4	19.7	100.0	74.3	20.3	97.4	480	192
Lake Orion village	1 079	16.1	48.0	14.8	96.6	98.0	94.6	31.3	97.6	47.5	25.7	94.5	465	187
Lake Orion Heights (CDP)	1 270	44.3	15.9	16.3	31.4	69.4	94.5	36.8	99.4	62.0	19.9	97.4	402	181
Lakeview (CDP)	4 714	9.2	16.0	4.0	72.1	15.3	97.3	46.2	99.5	69.4	15.7	94.7	380	168
Lambertville (CDP)	1 849	...	...	...	...	...	...	...	...	...	...	...	...	280
L'Anse village	828	20.5	54.6	8.9	100.0	97.1	88.2	13.4	99.0	57.6	18.1	91.1	...	170
Lansing city	41 982	17.5	31.6	17.3	99.2	98.8	95.6	40.9	98.3	47.0	27.8	89.8	325	146
Lapeer city	2 286	28.3	42.0	20.9	97.6	96.6	93.6	25.0	98.3	44.8	33.2	89.5	353	152
Lathrup Village city	1 448	12.8	13.1	1.5	100.0	97.0	99.0	72.7	99.6	86.0	7.9	98.5	548	260
Laurium village	1 004	4.3	84.2	11.1	100.0	100.0	93.8	3.4	97.5	64.6	16.6	78.2	323	139
Level Park—Oak Park (CDP)	1 105	6.4	22.4	0.6	1.5	1.5	91.6	33.4	98.8	60.4	11.3	96.3	295	138
Lincoln Park city	16 229	5.1	16.1	7.7	100.0	99.8	97.7	49.4	99.4	57.6	13.3	92.2	312	157
Livonia city	32 148	16.2	4.8	6.1	99.2	98.8	98.7	55.2	99.9	82.6	11.0	97.3	417	206
Lowell city	1 254	...	...	...	...	...	...	...	...	...	...	...	...	205
Ludington city	3 517	12.1	55.0	14.4	98.2	98.0	89.3	8.5	97.5	49.9	24.0	84.1	316	137
Madison Heights city	12 301	18.3	4.8	18.8	99.8	99.1	97.1	59.5	99.8	56.3	19.1	93.9	326	166
Manistee city	3 024	8.0	68.3	7.8	99.5	98.8	90.1	7.3	97.6	54.0	17.0	82.1	299	139
Manistique city	1 411	10.3	66.3	6.2	97.7	95.5	82.5	1.3	98.6	63.6	19.2	91.4	346	158
Marine City city	1 570	...	...	...	...	...	...	...	...	...	...	...	356	165
Marquette city	7 378	27.6	42.2	23.2	99.5	98.9	91.7	8.0	98.3	44.9	37.1	87.7	419	185
Marshall city	2 666	16.3	50.2	13.5	94.3	96.4	95.7	32.9	98.8	59.6	22.6	89.7	...	242
Marysville city	2 569	38.7	13.1	9.3	99.7	98.8	95.8	33.6	99.4	63.9	17.4	98.1	377	159
Mason city	2 044	26.7	35.3	17.1	98.6	97.1	92.1	30.9	98.4	55.9	27.5	91.7	390	175
Melvindale city	4 500	4.1	18.6	14.2	100.0	99.8	95.9	60.7	99.1	47.6	19.9	91.6	288	157
Menominee city	3 925	12.9	54.3	6.9	98.8	97.5	85.5	17.2	98.7	51.6	18.1	88.6	...	189
Michigan Center (CDP)	1 849	11.5	33.6	0.2	3.9	87.6	94.3	23.6	98.1	52.2	13.6	95.8	332	146
Midland city	12 628	24.9	13.7	14.9	99.4	98.0	96.7	42.1	99.4	65.4	23.4	94.9	418	148
Milan city	1 463	16.4	38.2	13.5	99.7	99.7	96.7	47.5	98.7	56.5	23.4	96.6	404	164
Milford village	1 705	...	...	...	...	...	...	...	...	...	...	...	403	206
Monroe city	7 699	12.6	45.9	14.6	99.9	99.7	94.4	46.9	97.4	55.1	17.3	88.3	376	165
Mount Clemens city	5 964	12.1	40.7	22.2	99.9	99.8	96.7	43.8	97.2	46.1	25.9	88.3	369	183
Mount Morris city	1 179	8.8	32.1	7.1	94.8	100.0	95.6	31.5	99.4	45.8	23.8	91.6	326	167
Mount Pleasant city	5 951	23.5	27.1	31.8	98.9	98.8	93.5	36.3	97.6	39.3	45.0	91.7	408	158
Munising city	1 163	...	...	...	...	...	...	...	...	...	...	...	348	167
Muskegon city	12 547	10.2	50.0	15.2	98.8	99.3	92.6	18.2	98.5	40.4	23.1	86.5	249	123
Muskegon Heights city	2 276	3.0	49.7	9.8	99.4	98.5	88.8	12.2	96.7</					

Table 55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air con- dition- ing	1 or more complete bath- rooms	3 or more bed- rooms	House- holder moved into unit 1979 to March 1980	1 or more vehicles available	With a mort- gage		Not mort- gaged
1970 to March 1980		1939 or earlier													
PLACES OF 2,500 OR MORE—Con.															
Oak Park city.....	9 878	3.2	3.0	8.8	99.9	99.8	97.9	74.7	99.8	67.1	12.1	92.1	358	190	322
Okemos (COP).....	3 107	30.6	3.6	37.6	80.2	98.5	98.7	67.1	99.6	56.4	34.8	98.3	546	255	303
Osage city.....	1 390	11.3	61.1	10.5	98.7	97.1	88.5	34.5	98.2	52.8	28.6	91.0	...	...	...
Dwssco city.....	6 007	9.7	54.7	6.1	99.6	99.6	94.3	31.6	98.2	56.9	18.3	89.8	312	142	230
Oxford village.....	1 040	26.1	56.5	20.2	92.3	98.9	95.4	33.7	95.7	51.9	25.2	91.9	444	174	247
Patterson Gardens (COP).....	1 130	57.5	16.7	4.1	100.0	100.0	96.9	56.4	99.6	34.3	26.3	94.0	343	158	259
Paw Paw village.....	1 247	18.8	43.7	17.8	93.7	93.5	92.9	36.1	97.6	49.2	20.4	85.3	338	153	191
Pow Paw Lake (COP).....	1 486	14.2	29.0	4.0	15.0	93.7	83.4	34.9	98.7	56.2	17.4	92.1	328	142	...
Pearl Beach (COP).....	1 234	...	...	...	...	...	...	...	...	...	...	...	439	181	...
Petoskey city.....	2 315	18.7	57.2	18.0	99.7	98.6	95.5	8.3	99.4	53.9	31.5	84.8	...	...	213
Plainwell city.....	1 347	25.5	45.4	11.7	90.1	85.7	95.2	40.0	99.6	52.6	28.5	95.2	347	150	240
Pleasant Ridge city.....	1 164	0.5	64.9	2.9	100.0	100.0	99.0	53.4	98.2	75.8	16.2	92.4	444	237	261
Plymouth city.....	3 897	8.7	30.3	20.2	100.0	100.0	97.3	48.5	98.2	53.6	21.4	90.6	429	188	...
Pontiac city.....	16 178	11.6	36.4	17.3	98.7	97.7	94.3	28.7	98.3	40.7	26.9	83.7	300	143	237
Portage city.....	12 715	31.8	6.9	15.0	66.3	36.7	95.6	49.8	99.4	66.2	23.6	97.2	387	171	256
Port Huron city.....	11 835	8.4	50.6	9.7	99.9	99.3	93.9	23.1	97.6	49.2	24.0	86.9	319	156	237
Portland city.....	1 350	...	...	...	...	...	...	...	...	...	...	...	...	...	229
Richmond city.....	1 225	22.9	39.4	14.6	99.1	95.6	91.8	33.6	97.1	52.6	17.7	89.3	413	182	246
River Rouge city.....	3 219	0.4	67.6	9.8	100.0	99.7	90.3	32.7	98.0	41.8	21.3	74.6	277	130	185
Riverview city.....	4 530	30.3	4.4	26.2	99.9	99.7	98.3	70.0	99.6	63.8	18.5	96.6	389	190	284
Rochester city.....	3 163	21.2	24.4	36.8	99.1	99.6	98.0	64.7	98.6	36.2	30.8	94.5	436	183	299
Rockford city.....	1 182	...	...	...	...	...	...	...	...	...	...	...	...	...	168
Rockwood city.....	1 051	...	...	...	...	...	...	...	...	...	...	...	...	...	296
Rogers City city.....	1 443	15.5	49.1	4.2	96.8	99.5	92.6	6.7	99.2	63.5	11.2	90.4	287	150	...
Romeo village.....	1 119	9.6	54.6	6.0	99.3	97.4	91.4	33.2	100.0	60.0	13.9	94.5	405	187	271
Romulus city.....	6 297	23.0	13.4	12.0	96.8	91.1	92.7	35.8	99.1	63.1	20.2	95.5	351	166	263
Roosevelt Park city.....	1 566	25.0	2.8	32.1	98.0	98.4	97.5	40.7	99.6	56.6	20.4	95.1	...	...	300
Roseville city.....	17 833	12.1	9.1	11.2	99.5	99.6	95.7	47.5	99.3	65.7	16.8	93.9	333	169	275
Royal Oak city.....	27 912	5.3	19.1	20.3	100.0	99.8	98.0	60.9	98.9	54.6	16.1	94.0	365	185	292
Saginaw city.....	17 564	3.9	55.6	7.9	100.0	99.7	91.5	33.5	98.6	51.0	18.4	86.9	310	147	219
St. Clair city.....	1 754	13.5	48.3	13.3	99.7	97.9	95.1	26.9	99.1	60.7	13.3	90.7	364	165	239
St. Clair Shores city.....	26 508	8.9	7.2	10.8	99.9	99.6	98.3	57.1	99.6	67.6	9.5	94.9	349	189	299
St. Ignace city.....	8 772	15.1	48.1	6.0	99.2	86.5	86.0	0.7	97.4	58.8	18.7	86.8	293	134	201
St. Johns city.....	2 530	18.6	48.6	8.8	97.2	95.6	94.8	33.9	97.8	66.0	20.2	94.1	376	169	...
St. Joseph city.....	4 234	7.9	47.4	17.3	99.9	99.5	97.8	51.2	98.3	44.4	24.4	89.4	...	...	231
St. Louis city.....	1 432	16.7	48.0	7.3	97.8	96.9	87.9	20.0	98.7	50.3	20.7	93.1	292	123	221
Saline city.....	2 146	26.8	17.8	18.3	99.4	98.7	97.8	51.8	98.6	59.1	27.2	96.9	445	187	292
Sault Ste. Marie city.....	4 806	14.4	49.5	8.9	98.9	93.1	94.3	3.8	98.3	51.6	22.2	85.1	299	132	171
Southfield city.....	26 767	33.3	3.2	36.2	97.3	92.6	98.7	80.1	99.4	50.7	20.7	94.5	472	230	398
Southgate city.....	10 771	18.2	2.9	14.4	100.0	99.9	98.7	67.5	99.6	59.7	15.3	96.7	347	182	313
South Haven city.....	1 973	11.9	57.0	14.8	97.9	98.3	93.6	28.8	98.0	50.5	19.7	84.3	329	138	186
South Lyon city.....	1 977	59.9	14.7	33.1	99.1	98.6	95.8	54.4	98.8	41.4	27.7	96.5	...	...	290
South Monroe (COP).....	1 524	36.7	20.7	23.6	94.9	96.1	94.0	46.1	99.4	46.9	19.1	87.6	...	...	230
Sparto village.....	1 226	14.2	40.0	5.1	95.3	90.4	93.5	24.7	98.8	54.6	19.1	89.8	301	143	197
Springfield city.....	2 149	31.5	19.3	29.1	84.2	66.4	92.7	47.6	98.3	35.6	34.1	94.5	287	130	218
Springfield Place (COP).....	1 644	1.8	24.8	0.8	84.1	11.4	95.6	40.6	99.0	51.7	10.2	94.6	285	123	...
Spring Lake village.....	1 016	...	...	...	...	...	...	...	...	...	...	...	341	133	...
Sterling Heights city.....	33 305	52.4	1.3	16.5	98.5	94.7	98.9	56.0	99.5	73.4	18.3	97.9	453	224	306
Sturgis city.....	3 624	12.9	44.8	12.9	100.0	98.7	94.3	43.3	97.1	50.8	24.6	89.4	317	138	207
Swartz Creek city.....	1 638	21.8	13.4	15.4	88.2	99.1	94.3	39.3	99.7	66.2	16.7	98.5	344	178	293
Taylor city.....	23 611	21.7	5.6	13.7	99.9	97.5	96.5	50.0	99.4	62.1	19.4	95.1	339	177	292
Tecumseh city.....	2 623	16.6	31.6	9.4	97.4	97.8	94.6	43.9	98.6	61.3	20.9	95.0	368	166	249
Three Rivers city.....	2 358	10.9	57.8	9.5	97.2	94.9	91.8	37.4	97.4	52.2	23.2	90.1	303	140	211
Traverse City city.....	5 688	13.7	52.4	13.3	99.3	99.3	93.5	15.0	97.9	57.6	26.8	86.8	374	147	255
Trenton city.....	7 608	17.3	11.2	14.9	100.0	99.8	97.7	63.2	99.4	67.1	13.3	95.1	380	193	272
Troy city.....	21 970	50.4	3.5	17.6	97.5	94.5	98.2	65.0	99.6	68.2	21.2	97.4	547	219	362
Ulico city.....	1 843	36.5	9.9	28.5	99.1	93.1	97.1	43.4	100.0	45.3	24.4	93.5	467	201	260
Vandercook Lake (COP).....	1 677	5.7	33.3	—	44.3	72.7	87.3	26.5	98.0	56.5	13.1	95.8	277	126	222
Vassar city.....	956	19.4	49.1	5.5	97.1	98.3	85.4	20.2	97.8	60.1	25.7	89.4	334	129	212
Wakefield city.....	909	10.7	65.3	3.7	97.9	94.3	85.6	5.1	92.8	51.8	12.4	89.1	...	...	...
Walker city.....	5 324	40.0	12.2	23.6	63.7	58.1	97.4	40.9	99.5	55.6	25.0	97.3	334	147	209
Walled Lake city.....	1 792	38.1	13.6	24.1	95.3	98.9	96.0	41.1	99.7	42.8	37.3	90.6	368	222	273
Warren city.....	52 728	12.2	6.0	10.8	99.8	99.7	96.8	53.6	99.5	67.0	13.9	96.0	332	179	291
Waterford (COP).....	21 983	25.0	11.3	17.3	71.8	65.6	95.8	38.2	99.1	57.9	21.3	97.2	384	178	317
Wayne city.....	6 610	12.6	14.0	16.4	99.8	99.7	97.1	52.6	98.9	56.3	19.1	92.9	324	161	256
Westland city.....	27 869	20.2	4.4	22.7	99.2	98.6	97.1	56.8	99.0	57.9	21.8	94.8	355	172	298
Westwood (COP).....	3 353	13.3	13.5	25.0	99.0	31.9	98.2	51.0	99.5	49.8	27.3	94.1	351	176	281
Whitehall city.....	1 063	16.2	38.9	4.6	98.5	95.0	89.3	12.9	100.0	60.1	22.1	92.7	335	140	221
White Lake—Seven Harbors (COP).....	2 250	41.2	15.9	2.1	7.2	2.4	93.2	17.5	99.1	71.2	17.7	98.9	...	...	...
Whitmore Lake (COP).....	1 069	18.4	30.2	6.4	16.4	85.9	87.5	25.8	97.6	44.0	32.3	96.8	393	156	324
Williamston city.....	1 142	...	...	...	...	...	...	...	...	...	...	...	397	168	...
Wixom city.....	3 008	76.6	5.9	58.6	77.3	97.1	97.1	66.1	98.4	29.1	46.2	98.4	...	...	277
Wall Lake (COP).....	1 255	32.0	16.7	0.8	21.1	37.6	91.1	12.7	97.8	45.9	16.3	97.1			

Table 55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980—Con.

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

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

COUNTIES—Con.

	Occupied housing units												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath- rooms	3 or more bed- rooms	House- holder moved into unit 1979 to March 1980	1 or more vehicles available	With a mort- gage	Not mort- gaged	
1970 to March 1980	1939 or earlier														
Barago	2 707	24.3	47.5	5.2	48.3	45.1	70.3	10.0	91.5	57.5	13.0	92.2	303	141	169
Barry	15 287	22.8	38.0	2.3	25.3	24.2	81.6	17.5	97.2	61.7	16.6	95.4	327	142	230
Bay	40 454	22.1	33.8	7.4	82.2	61.3	91.7	27.3	98.0	59.4	16.7	92.2	355	164	227
Benzie	3 929	31.8	37.5	0.9	33.1	29.0	79.2	4.5	98.4	55.6	18.0	95.3	320	139	211
Berrien	52 410	19.2	29.9	7.9	52.3	60.2	90.9	46.5	98.6	56.4	19.6	92.7	343	147	237
Branch	13 936	19.9	45.4	4.8	40.0	37.9	86.0	20.7	97.5	59.8	19.3	93.3	328	145	225
Calhoun	45 940	16.1	37.1	8.8	57.1	45.9	92.0	32.1	98.1	54.9	20.1	92.0	326	145	223
Cass	15 678	23.5	32.7	3.2	22.1	19.5	83.2	36.1	98.3	58.0	16.6	95.2	339	144	229
Charlevoix	6 950	32.3	38.2	4.5	50.5	41.5	82.6	3.4	98.3	57.7	19.9	92.3	341	145	227
Cheboygon	7 204	31.9	31.8	3.4	26.9	24.9	75.3	4.4	97.3	55.9	17.9	93.8	320	135	208
Chippewa	9 254	22.9	36.8	5.3	56.6	51.0	84.1	2.7	96.9	54.3	20.2	90.1	295	127	185
Cloare	8 612	33.3	17.4	4.1	23.3	24.3	74.5	10.1	96.3	43.6	20.6	93.7	296	133	210
Clinton	17 496	28.1	35.9	3.6	33.3	47.1	90.5	24.7	98.4	69.6	16.1	96.7	385	166	244
Crawford	3 283	44.7	16.3	3.9	21.5	22.8	71.7	6.0	98.5	51.2	22.7	93.0	307	142	221
Delta	13 417	24.7	44.6	6.7	54.7	52.7	82.2	3.7	96.9	56.1	17.4	91.3	340	152	191
Dickinson	9 519	18.2	58.4	4.1	79.8	68.3	86.9	11.8	98.8	56.9	16.2	90.0	...	...	222
Eaton	29 027	35.6	29.1	13.6	57.1	59.0	91.7	33.9	98.4	61.5	24.5	96.3	390	166	262
Emmet	7 949	32.6	36.9	7.4	46.2	45.7	84.2	4.2	97.9	59.7	23.5	92.0	372	149	231
Genesee	128 039	24.0	21.4	9.5	57.8	81.8	94.9	33.6	98.8	57.6	19.9	93.8	349	162	258
Glodwin	7 115	34.8	18.4	3.2	18.6	18.8	70.1	12.0	96.1	49.0	19.2	93.9	311	134	...
Gogebic	7 495	10.8	67.1	4.4	84.0	75.5	86.6	4.8	94.1	54.4	12.4	85.1	285	134	168
Grand Traverse	18 989	42.0	25.5	7.1	41.2	40.0	89.3	9.2	98.5	58.6	27.7	94.1	396	148	270
Grafton	13 147	19.3	47.1	4.7	48.2	50.2	83.3	18.4	98.1	62.7	18.0	94.2	317	135	218
Hillsdale	14 281	21.2	50.6	4.2	34.6	32.8	86.6	16.4	96.5	62.1	18.3	93.0	334	147	214
Houghton	12 831	13.1	69.8	11.7	77.2	64.9	81.2	3.6	91.6	56.9	17.4	84.8	310	133	189
Huron	12 674	19.3	43.1	2.3	39.6	31.0	84.8	14.1	97.1	63.8	14.3	93.7	324	136	204
Ingham	85 858	23.2	24.9	21.2	84.8	86.9	95.0	41.5	98.5	50.0	29.0	92.4	372	160	256
Ionia	16 070	22.8	47.9	4.7	47.7	46.1	85.6	21.6	97.9	63.8	19.2	93.4	321	138	215
Iosco	9 876	26.0	16.8	7.6	44.1	40.3	82.7	4.5	98.4	55.1	24.4	95.0	309	122	200
Iron	5 411	15.9	58.2	4.7	91.7	61.1	88.7	4.6	97.0	54.3	12.2	87.0	287	129	164
Isabella	15 615	31.8	27.9	14.3	45.4	46.0	86.3	23.1	97.8	52.7	29.8	94.7	373	151	232
Jackson	48 066	20.7	37.4	7.2	44.2	57.7	92.5	27.3	98.1	57.3	19.8	92.8	341	150	235
Kalamazoo	69 617	24.2	26.0	16.4	68.2	50.4	94.2	40.1	98.7	54.1	27.0	93.2	372	161	242
Kalkasko	3 770	44.7	18.4	2.2	13.9	14.6	72.6	5.0	97.3	54.2	22.5	95.3	331	143	253
Kent	143 400	24.6	28.6	11.8	77.6	77.6	94.7	33.9	98.9	57.7	22.3	93.1	336	143	225
Keweenaw	828	9.3	79.1	0.6	86.5	33.1	49.2	0.8	86.7	54.6	11.6	89.1	...	...	...
Lake	2 444	28.5	29.2	0.4	8.8	2.0	56.1	7.2	93.8	40.2	16.7	94.1	283	133	207
Lapeer	20 920	36.9	29.1	3.9	26.7	24.4	85.9	16.2	98.5	68.4	18.6	96.2	372	157	245
Leelanou	4 949	35.4	30.5	3.5	13.7	16.9	78.8	3.1	98.4	64.5	20.1	97.0	384	145	261
Lenawee	29 254	19.1	42.8	5.1	49.4	50.7	90.8	29.9	97.6	64.0	18.0	94.3	375	163	245
Livingston	31 096	44.8	20.2	5.6	21.8	21.8	91.5	26.2	98.6	69.4	19.2	97.2	453	171	292
Luce	2 112	29.8	29.8	3.7	48.8	46.8	68.2	2.3	96.1	54.4	19.9	93.2	292	125	198
Macomb	3 431	24.0	32.4	4.3	37.9	31.4	63.9	1.0	96.0	55.1	16.2	89.9	292	121	186
Macomb	224 629	27.0	8.4	13.2	93.1	89.2	97.2	50.2	99.3	66.6	17.1	95.6	386	187	289
Manistee	8 410	19.8	45.1	3.3	44.6	39.1	80.7	6.3	96.9	55.6	15.2	90.3	320	138	200
Marquette	24 004	28.5	36.9	11.3	73.5	68.6	85.9	5.6	96.8	53.7	26.3	91.2	381	164	228
Mason	9 570	22.0	41.4	6.4	44.3	43.8	81.2	6.7	97.2	54.7	19.5	91.5	314	137	192
Mecosta	10 881	31.1	29.8	8.2	29.1	31.9	79.1	10.9	96.9	49.8	27.3	93.5	339	134	207
Menominee	9 205	21.6	44.6	4.0	47.8	48.3	82.6	11.7	97.4	58.2	15.8	92.9	...	...	190
Midland	23 957	28.9	15.7	8.3	58.7	54.4	89.2	30.0	98.5	64.5	20.3	95.6	390	148	259
Missaukee	3 412	32.7	37.6	0.6	15.2	0.8	75.5	4.1	96.9	60.7	17.5	94.4	292	122	...
Monroe	42 094	25.8	29.8	7.2	61.1	57.6	91.1	38.5	97.8	62.9	16.5	94.8	395	172	254
Montcalm	16 344	24.0	40.1	3.5	32.7	30.5	78.9	15.8	97.1	55.9	17.6	93.9	307	127	210
Montmorency	2 792	36.9	17.5	3.4	7.3	8.7	56.0	4.0	95.2	47.7	18.0	94.8	298	138	206
Muskegon	48 122	19.9	27.0	7.7	59.2	53.5	89.8	15.7	98.7	54.6	18.4	93.5	306	135	212
Newaygo	11 785	27.6	31.6	1.4	21.5	21.8	73.8	10.3	96.8	52.9	16.9	94.1	312	133	220
Oakland	334 587	28.6	12.9	16.2	80.2	79.4	97.0	53.1	99.4	60.5	19.7	95.3	443	187	323
Oceana	7 231	25.6	38.7	0.9	26.9	23.5	76.6	6.6	96.9	57.8	15.8	93.3	299	136	211
Ogemaw	5 913	30.5	22.7	1.5	12.5	14.9	74.0	7.7	96.9	49.4	18.0	94.9	301	135	211
Ontonagon	3 509	16.7	48.0	2.0	49.8	42.9	80.3	5.7	90.9	59.8	14.8	92.6	279	132	...
Osceola	6 522	28.5	39.8	2.7	29.4	28.0	75.4	7.1	96.8	60.1	17.1	93.1	311	133	190
Oscoda	2 514	...	...	...	...	...	...	...	...	...	...	...	274	123	...
Otsego	4 897	41.7	17.8	4.1	25.2	24.4	82.2	5.2	98.1	63.7	20.9	95.4	333	144	245
Ottawa	49 481	30.5	24.9	4.7	53.1	40.0	93.7	20.7	98.8	66.2	19.9	96.1	351	148	247
Presque Isle	4 972	26.2	34.8	2.2	37.1	30.1	78.2	3.6	97.3	60.4	13.1	94.1	313	152	192
Roscommon	6 500	34.1	10.7	3.0	8.4	36.6	69.3	4.8	98.8	40.2	20.4	95.1	299	120	...
Saginaw	62 895	24.4	28.2	8.7	78.1	71.5	91.5	33.7	98.8	61.2	17.8	94.0	367	164	257
St. Clair	45 946	23.6	33.7	5.7	67.9	62.7	88.5	20.7	98.1	59.1	19.6	93.2	361	161	248
St. Joseph	19 202	24.0	39.7	5.2	47.0	40.5	86.7	33.0	97.7	58.7	20.6	93.9	329	142	233
Sanilac	13 818	24.5	41.9	2.0	30.3	26.7	79.2	12.1	97.7	63.4	15.3	94.1	330	146	231
Schoolcraft	2 917	19.1	45.5	4.0	49.8	47.3	72.5	1.3	96.6	59.2	15.7	93.2	328	145	188
Shiawassee	23 117	24.6	37.3	4.0	46.5	48.5	90.4	24.7	98.3	64.8	17.2	94.4	342	153	242
Tuscola	18 053	28.8	39.0	2.8	32.2	29.8	84.5	18.3	97.7	63.7	15.3	94.8	347	146	224
Van Buren	21 084	27.0	37.3	5.7	36.7	34.1	82.9	27.1	97.7	56.1	18.6	93.7	334	140	215
Washtenaw	81 501	25.6	22.0	27.6	79.3	79.5	96.9	48.0	98.4	50.1	31.6	93.8	470	202	304
Wayne	537 645	12.6	25.2	12.8	99.2	97.9	96.5	50.6	98.8	57.7	16.1	88.8	352	163	252
Wexford	8 965	29.1	40.4	4.4	45.0	48.9	79.5	6.7	97.5	56.5	21.1	90.9	330	143	210

Table 55a. Summary of Detailed Housing Characteristics of Housing Units With a White Householder for Towns/
Townships: 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]

Towns/Townships of 2,500
or More

	Occupied housing units											Median selected monthly owner casts (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Percent with—															
	Total	Year structure built		Source of water by public system or private company					House- holder moved into unit		With a mort- gage	Not mort- gaged				
1970 to March 1980		1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air con- ditioning	1 or more complete bath- rooms	3 or more bed- rooms	1979 to March 1980	1 or more vehicles available						
Acme township	958	304
Ada township	1 932	42.9	19.8	2.8	21.3	36.5	95.8	28.7	99.3	84.0	16.4	99.6	459	177	266	
Addison township	1 418	...	...	...	...	...	...	...	...	...	...	...	...	...	269
Adrian township	1 385	25.9	24.3	1.0	7.8	13.4	96.4	29.1	99.1	74.2	17.0	98.1	433	197	...	
Alaiedon township	908	27.2	28.5	—	2.1	4.4	94.6	24.3	99.2	77.3	21.0	100.0	431	188	325	
Alama township	909	...	...	...	...	...	...	...	...	...	...	...	...	...	258
Albee township	709	24.0	22.6	0.7	2.1	4.5	75.2	22.4	94.1	59.7	15.0	99.2	334	155	258	
Algoma township	1 338	38.0	19.4	1.9	11.5	10.5	82.7	12.3	97.4	67.9	12.0	97.3	346	143	217	
Allegan township	1 154	31.5	19.9	0.6	12.6	8.4	86.4	23.7	96.1	57.0	18.2	96.0	348	126	234	
Allendale township	1 627	55.1	17.9	8.6	32.1	31.0	91.0	16.0	98.5	55.5	35.5	97.7	340	144	244	
Almena township	942	47.0	18.0	0.4	4.5	5.8	86.1	24.8	98.5	64.4	18.4	98.4	396	145	239	
Almer township	871	30.7	23.2	7.7	31.8	28.0	91.7	32.1	100.0	63.9	14.6	96.7	378	168	...	
Almont township	1 232	32.3	36.9	2.1	52.6	52.3	85.3	21.4	99.8	70.9	16.8	97.2	...	...	266
Alpena township	3 345	32.3	8.2	6.3	33.5	33.8	90.8	3.5	98.6	60.4	16.7	95.2	...	...	210
Alpine township	2 919	34.0	16.5	6.6	52.6	60.0	95.7	33.2	99.2	59.8	18.9	97.9	315	139	...	
Ann Arbor township	971	14.8	21.0	0.6	18.6	20.0	96.6	39.3	100.0	82.8	14.7	99.4	691	366	386	
Antwerp township	2 513	39.0	29.2	3.6	42.4	25.9	81.0	32.7	99.1	57.4	17.9	96.6	344	136	212	
Arbela township	926	...	...	...	...	...	...	...	...	...	...	...	...	...	247
Argentine township	1 331	...	...	...	...	...	...	...	...	...	...	...	396	212	...
Armada township	1 151	...	...	...	...	...	...	...	...	...	...	...	...	...	268
Ash township	2 461	44.4	23.9	1.3	57.3	45.8	91.5	32.1	98.8	60.6	20.1	98.3	411	188	...	
Atlas township	1 432	37.2	28.2	2.1	2.3	2.5	94.1	16.6	98.9	84.4	16.7	97.3	437	175	239	
Attica township	1 036	34.7	25.0	1.8	2.3	2.3	79.6	13.7	96.4	65.9	12.1	97.7	...	...	...
Augusta township	1 319	14.7	30.9	1.0	2.2	9.1	95.0	33.8	98.6	79.3	7.8	99.1	428	189	321	
Avon township	13 521	54.3	6.3	15.1	69.3	67.7	97.1	54.4	99.8	61.7	23.6	97.8	553	184	328	
Bagley township	1 362	52.6	4.9	2.9	6.5	4.6	87.5	4.6	97.9	59.3	23.9	97.5	295	140	304	
Bainbridge township	1 015	23.0	38.3	1.3	1.3	0.7	82.8	24.5	99.0	59.5	8.3	93.5	339	143	224	
Bangor township, Bay County	5 811	24.5	14.7	7.8	97.6	45.2	94.4	27.5	98.8	60.1	15.0	96.7	372	163	236	
Baraga township	865	24.3	44.9	6.5	42.7	42.3	64.9	7.5	89.0	55.1	10.8	90.6	297	148	161	
Baroda township	895	33.2	29.5	1.2	29.2	13.2	91.6	42.7	99.3	59.3	22.2	97.7	...	...	267
Barry township	1 055	22.7	38.0	1.9	2.3	2.7	82.1	15.4	99.1	60.4	16.8	94.1	319	137	237	
Both township	1 817	31.3	20.9	3.4	10.5	44.1	90.8	22.3	99.0	58.1	19.0	97.7	340	160	247	
Battle Creek township	7 430	13.2	17.0	7.5	70.4	17.9	96.8	46.5	99.3	61.7	17.6	95.3	359	148	272	
Bear Creek township	1 043	44.7	14.6	3.8	17.0	6.5	84.9	3.3	98.8	67.0	18.5	94.6	...	...	288
Beaver township, Bay County	835	...	...	...	...	...	...	...	...	...	...	...	...	...	241
Bedford township, Calhoun County	2 881	20.3	20.1	0.7	11.6	10.9	92.7	29.9	98.7	60.5	16.3	96.7	311	144	253	
Bedford township, Monroe County	6 862	22.6	15.6	2.4	41.7	45.9	93.8	40.5	98.9	74.1	13.3	97.4	423	185	274	
Bellevue township	910	17.5	59.6	6.0	52.5	52.6	87.4	8.4	98.7	68.7	14.5	96.7	...	...	...
Bennington township	803	37.4	28.9	0.5	0.7	0.5	90.9	15.1	97.6	81.2	13.8	98.3	387	181	287	
Benton township, Berrien County	4 630	13.5	22.5	7.6	29.6	70.2	86.5	42.9	99.4	48.7	22.2	90.7	278	127	237	
Berlin township, Ionia County	645	23.3	38.8	—	1.4	9.6	88.1	25.3	98.1	64.7	14.4	98.0	358	136	264	
Berlin township, Monroe County	2 039	...	...	...	...	...	...	...	...	...	...	...	...	...	296
Berrien township	1 227	28.2	32.8	0.7	14.1	13.6	81.6	35.9	98.4	65.3	18.4	95.6	351	153	289	
Birch Run township	1 686	30.4	24.7	3.7	35.0	23.6	89.9	21.5	98.1	72.5	13.7	96.7	383	156	...	
Blackman township	5 156	36.6	18.1	22.4	32.9	84.7	94.6	42.9	99.5	47.5	21.0	92.9	337	143	254	
Blair township	1 501	66.6	9.1	—	20.5	2.4	93.8	2.6	98.7	54.2	34.2	94.9	298	144	...	
Blendon township	1 074	...	...	...	...	...	...	...	...	...	...	...	...	...	234
Blissfield township	1 341	12.3	56.6	2.2	83.7	81.9	89.6	38.0	97.6	62.6	10.8	91.6	403	194	251	
Bloomfield township, Oakland County	13 559	20.7	3.3	8.6	87.2	73.8	99.5	68.2	99.8	82.8	14.0	99.4	712	328	440	
Boston township	1 217	35.8	32.6	11.0	46.6	45.9	84.7	20.7	99.4	60.2	22.5	95.2	335	150	...	
Brady township, Kalamazoo County	1 277	...	...	...	...	...	...	...	...	...	...	...	...	...	203
Brandon township	2 884	51.9	12.4	1.4	14.8	14.5	94.5	16.2	99.1	69.8	18.9	97.0	462	205	...	
Breitung township	1 587	37.4	25.3	0.8	54.3	9.6	91.8	11.8	97.4	59.6	17.6	96.8	331	133	239	
Bridgeport township	3 996	25.9	16.6	4.4	82.0	60.1	92.1	27.6	99.4	65.3	16.8	96.9	341	168	270	
Brighton township	3 335	56.3	6.8	3.6	15.0	4.6	96.3	23.9	98.8	78.1	15.3	98.2	505	177	296	
Brownstown township	5 812	63.7	6.1	18.0	99.3	95.6	95.2	48.8	98.6	58.1	26.0	96.5	425	172	278	
Bruce township, Macomb County	1 685	33.2	29.7	1.1	43.7	44.7	93.6	25.9	99.8	69.9	15.1	97.2	479	193	268	
Buchanan township	1 190	24.7	19.7	1.3	8.3	6.6	88.2	40.2	99.4	61.2	11.2	96.1	...	...	...
Buena Vista township	2 515	28.2	19.5	1.0	81.6	75.5	88.3	27.9	98.8	45.6	16.1	93.5	276	144	243	
Burns township	943	...	...	...	...	...	...	...	...	...	...	...	...	...	267
Burr Oak township	1 874	...	...	...	...	...	...	...	...	...	...	...	...	...	237
Burtchville township	1 087	31.8	18.5	0.6	14.3	12.5	88.5	19.1	98.8	51.8	25.3	96.8	351	160	...	
Byron township	3 400	45.7	18.6	1.5	39.0	52.2	91.7	20.0	98.4	56.7	24.2	96.7	368	134	213	
Caledonia township, Kent County	1 559	32.3	29.4	3.0	3.0	16.4	92.0	21.6	99.2	71.3	15.6	98.5	...	...	238
Caledonia township, Shiawassee County	1 551	...	...	...	...	...	...	...	...	...	...	...	...	...	250
Calumet township	3 110	...	...	...	...	...	...	...	...	...	...	...	...	...	175
Cambridge township	1 235	26.7	25.8	0.2	25.8	20.8	91.3	20.1	98.0	64.9	18.0	98.8	392	165	...	
Cannon township	1 538	33.6	19.1	—	14.8	39.8	90.8	13.4	99.6	69.6	17.9	98.6	400	163	279	
Canton township	15 292	79.3	2.7	18.8	93.8	92.2	97.6	57.2	99.3	65.9	31.7	98.1	544	220	301	
Carrollton township	2 211	7.1	19.6	4.9	97.6	92.0	91.4	28.0	99.1	66.3	15.7	94.8	323	156	276	
Cascade township	3 144	57.2	9.6	5.3	29.6	16.6	96.9	43.9	99.4	79.3	21.1	99.0	578	181	...	
Casco township, Allegan County	900	22.1	42.4	3.4	9.9	6.6	77.6	10.6	98.3	63.1	17.9	95.6	405	132	261	
Casco township, St. Clair County	1 324	57.1	19.3	1.4	23.6	26.6	87.3	19.9	99.1	66.5	24.8	97.9	431	171	263	
Castleton township	1 086	20.9	54.2	1.8	52.4	45.7	77.3	13.6	96.6	56.1	20.9	93.9	295	127	...	
Cheaning township	1 602	19.4	35.1	1.8	55.6	54.6	88.0	20.4	97.7	64.0	15.3	96.6	347	176	...	
Chesterfield township	5 622	57.2	6.5	9.4	91.5	85.6	95.9	32.1	98.6	66.7	26.5	98.6	439	178	307	
Chikaming township	1 555	12.9	34.2	4.1	54.0	64.4	91.2	47.2	96.5	54.5	12.5	93.4	376	159	257	
Chippewa township, Isabella County	1 118	48.8	13.2	4.3	7.8	6.4	80.0	14.2	99.6	53.1	25.9	96.7	328	131	229	
Chocoday township	1 815	48.2	8.2	5.6	7.7	27.2	83.2	7.1	97.5	64.0	23.3	96.7	408	182	...	
Clay township	2 994	...	...	...	...	...	...	...	...	...	...	...	398	173	...
Clayton township, Genesee County	2 249	43.5	13.1	5.1	25.2	30.9	97.8	26.4	99.1	73.1	20.0	98.5	384	187	300	
Clinton township, Lenawee County	1 186	...	...	...	...	...	...	...	...	...	...	...	...	...	220
Clinton township, Macomb County	22 916	45.0	3.0	18.3	94.5	89.1	98.3	53.6	99.3	64.6	25.0	96.3	434	212	290	
Clyde township, St. Clair County	1 368	...	...	...	...	...	...	...	...	...	...	...	386	154	...
Coe township	1 019	...	...	...	...	...	...	...	...	...	...	...	...	...	242
Coldwater township, Branch County	1 256	...	...	...	...	...	...	...	...	...	...	...	404	156	...

Table 55a. Summary of Detailed Housing Characteristics of Housing Units With a White Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More	Occupied housing units												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	Percent with—														
	Year structure built		Source of water by public system or private company			Central heating system		Air conditioning		Householder moved into unit 1979 to March 1980		1 or more vehicles available			
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	1 or more complete bath-rooms	3 or more bed-rooms	1 or more	3 or more	1 or more	With a mortgage	Not mortgaged			
Coloma township	1 813	23.1	23.1	3.2	11.5	61.3	82.2	31.5	98.5	59.6	16.6	92.8	377	135	235
Colon township	1 066	...	...	...	...	...	...	...	...	...	...	...	284	138	...
Columbia township, Jackson County	2 118	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Columbus township, St. Clair County	901	43.3	25.0	0.7	6.8	5.2	90.6	15.9	98.7	72.8	13.1	96.9	442	193	300
Commerce township	7 491	34.1	8.1	3.2	21.9	9.3	95.6	29.0	99.5	71.1	16.9	98.1	421	176	310
Cornstock township	3 604	23.0	26.4	2.4	27.9	7.1	93.1	27.5	98.9	68.5	17.9	96.6	342	142	...
Constantine township	1 235	25.7	46.1	5.4	45.9	48.9	81.4	31.2	96.3	63.7	23.6	96.3	339	136	...
Cooper township	2 664	22.0	15.1	0.6	8.9	1.6	92.5	29.4	99.4	68.6	13.3	96.2	356	153	...
Cattleville township	1 054	37.2	31.1	1.1	58.0	50.7	84.3	17.5	98.7	56.7	21.2	96.2	411	167	260
Courland township	1 022	35.7	27.0	0.7	1.8	14.7	82.2	15.4	99.2	71.9	11.6	97.6	381	142	279
Covert township	432	...	...	...	...	...	...	...	...	...	...	...	...	...	222
Crockery township	1 135	31.8	27.1	0.6	10.5	6.0	81.9	11.1	98.1	63.1	15.3	97.5	329	140	193
Dalton township	1 843	27.2	21.3	0.4	1.5	2.7	82.3	12.8	98.5	56.3	17.6	96.4	297	131	220
Davison township	4 644	52.8	8.4	18.2	44.7	77.2	94.4	41.6	99.5	58.9	27.2	97.8	401	184	274
Decatur township	1 099	17.7	43.5	5.2	58.0	56.4	75.7	31.7	98.1	57.4	17.2	90.2	293	131	200
Deerfield township, Lapeer County	1 378	51.1	13.6	—	—	0.5	84.0	11.7	99.6	67.0	18.1	99.5	351	142	263
Deerfield township, Livingston County	783	43.6	25.7	0.3	0.8	0.8	87.1	13.7	97.7	72.9	18.1	96.0	438	160	...
Delli township	5 942	39.8	10.1	12.7	67.9	81.4	94.3	35.5	99.4	54.4	26.0	95.4	396	177	263
Delta township	7 939	46.3	6.2	27.3	72.2	76.8	97.3	54.2	99.2	63.5	29.3	98.3	441	195	292
Denmark township	1 225	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Denton township	1 436	38.5	5.8	6.5	7.7	77.9	77.0	4.9	100.0	42.1	25.6	95.1	329	124	171
De Witt township	3 359	31.5	15.5	3.0	29.4	76.7	93.1	30.6	99.1	61.2	17.4	96.7	394	168	248
Dexter township	1 256	35.7	22.7	—	—	0.3	91.8	29.1	96.8	71.4	19.9	97.8	525	197	381
Dorr township	1 334	47.5	22.8	—	3.4	4.6	92.1	16.6	98.0	80.1	12.9	97.5	329	155	263
Dryden township	906	...	...	...	...	...	...	...	...	...	...	...	...	...	227
Dundee township	1 791	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Bay township	2 117	54.2	10.3	6.0	12.3	19.0	79.3	4.4	99.0	65.0	31.1	98.0	381	146	...
East China township	1 061	32.6	19.2	5.3	97.4	93.2	91.8	24.1	99.1	57.1	17.9	95.3	380	146	260
Easton township	729	12.8	54.6	—	13.7	27.0	83.4	20.9	97.5	60.6	10.8	94.7	290	133	232
Eaton township	998	49.6	20.3	—	4.0	4.7	93.4	20.7	98.3	76.7	24.7	96.5	388	175	242
Eaton Rapids township	831	42.2	28.6	0.8	1.6	1.1	86.6	18.4	98.6	74.6	15.8	98.7	414	170	296
Egelston township	2 269	30.4	16.4	0.4	14.9	24.5	86.4	11.1	97.9	51.0	15.6	97.8	270	119	232
Elba township, Lapeer County	1 243	20.7	24.2	—	1.1	0.3	89.9	16.8	98.4	71.0	9.3	97.2	357	153	283
Elkland township	1 201	20.1	43.2	2.7	71.4	69.8	88.0	17.5	98.2	65.6	15.2	94.5	...	...	...
Elmwood township, Leelanau County	1 049	37.5	11.8	6.0	6.7	53.6	87.2	5.8	100.0	66.9	17.8	98.8	388	146	293
Emmett township, Calhoun County	4 086	16.5	26.5	3.4	23.2	14.9	90.2	30.4	98.0	50.9	17.2	94.5	333	142	215
Erie township	1 424	21.0	35.3	0.9	39.7	5.3	93.5	31.3	98.5	61.2	10.6	98.0	395	165	257
Escanaba township	926	...	...	...	...	...	...	...	...	...	...	...	...	...	213
Exeter township	864	18.9	45.7	0.3	4.4	20.6	86.8	29.4	93.1	80.3	8.1	97.3	375	166	...
Fabius township	1 107	...	...	...	...	...	...	...	...	...	...	...	377	160	...
Fayette township	1 096	19.1	43.9	6.4	72.4	60.5	90.1	21.8	95.3	56.4	22.4	92.6	336	144	...
Fenton township	3 783	34.3	20.0	0.8	16.6	65.2	95.4	20.1	98.9	71.1	17.1	97.8	437	180	252
Flint township	12 365	29.1	10.7	17.6	46.1	97.0	94.9	47.6	99.3	51.9	20.5	94.9	352	164	284
Flushing township	2 796	...	...	...	...	...	...	...	...	...	...	...	...	...	259
Forest township, Genesee County	1 256	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Forsyth township	2 906	26.2	16.2	5.1	76.4	63.1	95.0	2.7	98.4	61.4	33.8	97.1	362	127	230
Fort Gratiot township	2 802	26.1	15.0	8.6	82.4	66.1	93.3	26.9	98.5	63.9	21.6	98.0	403	167	...
Frankenlust township	868	46.4	21.1	12.3	69.8	33.9	96.7	44.4	98.7	56.2	22.8	95.9	409	180	285
Fraser township	1 214	37.1	17.6	1.3	21.5	16.3	79.2	13.8	96.7	64.5	15.5	95.9	350	155	209
Fremont township, Tuscola County	899	32.8	42.5	1.8	38.6	37.9	82.9	17.4	96.1	64.5	19.5	96.9	364	155	...
Frenchtown township	5 895	31.1	20.0	12.4	78.5	78.5	88.7	43.6	98.1	53.0	21.5	95.5	337	166	261
Fruitland township	1 305	31.3	18.5	0.5	1.1	0.5	81.2	4.8	99.2	67.7	21.9	98.6	336	159	323
Fruitport township	3 273	22.6	14.0	0.7	29.6	3.1	88.5	10.7	99.1	69.3	12.8	98.2	332	151	...
Gaines township, Genesee County	1 478	...	...	...	...	...	...	...	...	...	...	...	...	...	254
Gaines township, Kent County	3 300	40.0	11.8	...	23.6	53.0	95.9	24.0	99.3	59.1	18.9	96.2	316	146	...
Garfield township, Grand Traverse County	3 164	57.6	7.0	9.7	35.1	36.3	95.1	13.5	99.7	50.9	30.3	96.7	...	...	275
Genesee township	7 620	25.1	11.9	1.6	28.0	91.9	93.1	25.4	98.6	57.9	18.9	94.7	338	167	259
Geneva township, Van Buren County	822	34.1	36.3	5.5	8.0	7.5	81.0	15.9	99.4	65.1	17.2	100.0	339	143	199
Genoa township	2 985	50.7	13.0	2.8	12.2	15.3	92.0	28.9	98.6	64.4	18.5	98.2	...	...	...
Georgetown township	7 388	44.1	4.9	6.1	66.6	28.0	98.2	30.3	99.6	80.5	15.6	98.4	353	159	276
Grand Blanc township	7 831	36.2	6.5	15.7	27.2	90.7	96.4	44.7	99.5	70.6	22.7	98.3	406	182	314
Grand Haven township	2 251	36.8	10.4	0.5	15.6	2.2	92.5	10.6	98.8	74.1	14.8	99.8	374	158	267
Grand Rapids township	2 881	30.3	10.9	4.1	49.5	39.1	96.0	32.5	100.0	74.2	13.4	96.1	394	156	...
Grass Lake township	1 145	23.9	35.1	0.6	28.1	2.8	92.1	17.6	98.9	69.4	12.9	97.9	...	...	...
Grattan township	820	26.1	29.3	0.6	1.2	5.0	76.3	14.5	97.8	61.7	18.4	99.0	...	...	225
Grayling township	1 361	56.4	5.1	3.7	6.2	5.8	70.8	5.0	99.2	55.8	17.9	96.3	339	146	260
Green township, Mecosta County	938	42.5	19.7	0.6	5.7	5.8	82.3	7.6	97.8	56.6	24.6	97.3	367	131	233
Green Lake township	956	52.3	9.1	3.2	5.5	3.9	73.6	4.4	98.5	52.9	26.4	98.0	360	144	234
Green Oak township	3 155	35.5	15.0	4.0	17.6	20.5	93.4	30.4	98.6	69.8	18.3	98.1	420	182	...
Grosse Ile township	2 936	20.2	18.8	6.7	99.7	93.4	99.0	51.2	99.6	76.3	10.7	98.6	609	280	...
Grosse Pointe township	950	16.8	11.2	0.5	100.0	100.0	99.4	79.6	100.0	91.7	10.2	98.9	987	400+	304
Groveland township	1 221	56.4	13.8	4.2	20.3	15.6	86.1	26.7	98.8	71.7	18.9	99.5	...	...	250
Gunplain township	1 406	...	...	...	...	...	...	...	...	...	...	...	402	134	...
Hadley township	947	43.9	26.0	...	...	...	81.8	14.0	98.1	83.5	9.2	97.4	414	180	311
Hagar township	1 694	...	...	...	...	...	...	...	...	...	...	...	347	128	...
Hamburg township	3 634	46.3	15.5	0.8	3.3	3.2	92.6	22.0	98.9	67.6	18.6	98.9	460	170	290
Hamlin township, Mason County	938	...	...	...	...	...	...	...	...	...	...	...	...	...	208
Hampton township	3 678	49.8	11.1	30.1	95.6	77.2	95.4	46.6	98.8	46.0	25.7	92.6	361		

Table 55a. Summary of Detailed Housing Characteristics of Housing Units With a White Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Percent with—															
	Year structure built		Source of water by public system or private company					Householder moved into unit 1979 to March 1980				With mortgage	Not mortgaged			
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	1 or more vehicles available						
Henrietta township	1 244	269
Highland township, Oakland County	5 200	57.7	11.6	2.6	22.4	15.9	94.1	21.8	99.5	65.2	18.8	98.5	450	165	297	
Holland township, Ottawa County	4 452	34.0	13.2	4.3	42.0	18.4	95.4	24.9	99.0	62.9	21.4	96.7	327	142	256	
Holly township	2 723	31.3	27.5	5.3	62.4	54.9	93.1	24.7	100.0	65.1	20.6	96.2	363	164	...	
Home township, Montcalm County	876	23.1	40.9	4.5	48.2	47.7	82.8	15.5	95.7	58.2	19.5	92.6	324	139	217	
Homer township, Colhoum County	992	26.3	50.6	6.6	55.9	58.1	85.4	22.1	97.0	60.8	25.0	92.7	316	158	214	
Homer township, Midland County	1 401	26.3	18.8	1.4	1.4	2.9	90.1	18.3	98.4	69.5	16.8	99.6	...	...	...
Hope township, Barry County	902	26.8	32.6	1.0	1.9	1.7	73.3	13.7	97.3	49.2	18.0	98.1	...	...	263
Howard township	2 095	24.2	16.9	0.3	4.2	2.5	83.0	44.9	97.2	59.6	13.4	95.4	331	138	239	
Howell township	1 148	43.9	21.5	—	1.5	2.1	91.6	17.4	98.9	82.3	13.2	98.1	467	197	318	
Huron township, Wayne County	3 143	35.2	23.4	1.3	97.8	51.5	93.7	34.1	99.0	63.0	17.0	97.0	392	194	...	
Ida township	1 304	35.6	35.0	—	—	0.7	94.8	27.3	98.5	78.6	15.4	95.2	440	164	266	
Independence township	6 594	33.3	8.4	7.2	25.2	39.6	97.1	28.9	99.7	76.8	17.0	98.0	444	196	331	
Indianfields township	2 307	27.8	44.3	6.8	67.4	67.4	87.9	26.4	97.0	49.2	19.2	90.5	340	136	211	
Ingersoll township	899	30.4	28.7	—	2.6	0.8	83.6	19.6	99.4	71.0	15.8	96.7	...	...	...
Ionia township	953	27.7	37.1	0.9	13.3	8.0	84.1	22.2	98.6	61.3	16.5	95.1	298	131	220	
Ira township	1 584	29.0	27.2	5.3	86.0	82.8	84.5	20.3	98.2	41.5	21.2	96.4	352	161	275	
Ishpeming township	1 131	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamestown township	989	29.3	37.2	—	0.7	0.5	89.3	9.1	100.0	78.8	17.5	98.5	357	158	215	
Jefferson township, Hillsdale County	1 021	21.1	36.2	1.9	3.6	2.5	86.1	8.1	97.1	53.1	15.7	95.4	306	147	211	
Jerome township	1 410	28.8	11.3	1.7	58.2	7.7	82.6	20.6	96.1	51.0	16.6	96.8	...	...	...
Johnstown township	1 006	25.5	27.4	—	0.6	—	80.9	16.7	96.8	60.5	16.4	97.5	323	147	237	
Kalamazoo township	7 569	14.0	19.4	17.1	95.9	30.1	96.2	44.0	99.4	47.8	24.6	93.0	329	148	272	
Kalkaska township	1 152	43.0	20.2	3.9	42.1	43.8	84.8	5.8	99.6	60.1	26.6	92.7	348	140	260	
Kawawatin township	1 552	32.3	24.3	0.4	42.6	9.8	88.5	19.9	98.6	66.8	14.3	93.3	389	159	219	
Keeler township	863	24.0	29.1	2.2	3.2	3.2	84.1	28.2	98.3	50.9	14.3	93.7	358	139	231	
Kimball township	2 158	21.4	24.5	1.3	27.2	5.1	80.2	15.6	98.7	57.7	15.8	95.2	333	158	264	
Kochville township	819	32.8	18.3	—	52.9	26.4	93.2	30.3	99.1	65.3	15.5	98.8	377	173	270	
La Grange township	986	16.0	44.3	7.1	48.4	43.8	89.2	40.0	98.3	53.2	17.3	93.4	329	150	214	
Laketon township	2 051	...	...	...	...	...	...	...	...	...	...	...	...	...	253
Laketown township	1 256	37.2	22.1	—	4.3	—	91.5	16.2	98.0	76.2	20.6	97.2	419	157	285	
L'Anse township	1 328	24.5	47.4	5.6	70.0	62.4	84.3	13.8	96.6	60.0	15.3	92.1	303	141	172	
L'Anse township	4 045	14.8	12.7	27.3	96.3	96.8	96.2	54.0	99.1	42.4	24.8	93.7	348	145	261	
Lapeer township	1 241	40.9	15.6	3.5	5.5	4.3	90.7	21.1	99.1	73.6	18.0	97.3	424	158	275	
Larkin township	978	...	...	...	...	...	...	...	...	...	...	...	...	...	...
La Salle township	1 472	28.9	29.8	0.8	45.7	6.0	85.1	27.9	95.4	69.3	15.5	94.7	...	...	...
Lawrence township	989	21.1	42.7	5.5	34.1	33.6	80.0	25.4	97.5	52.5	21.0	93.3	336	140	221	
Lee township, Midland County	998	42.5	9.5	—	4.1	3.2	76.0	13.7	97.4	61.1	22.3	95.8	...	...	277
Leighton township	873	24.3	32.6	0.7	6.8	9.9	91.4	16.4	97.4	69.5	12.5	97.6	357	153	...	
Lenox township	1 206	24.6	36.4	0.1	28.4	24.8	85.8	19.6	96.9	69.6	15.3	96.3	393	171	270	
Leoni township	4 758	19.5	26.3	0.2	13.9	49.0	92.9	22.8	98.2	56.9	17.7	96.3	337	146	230	
Le Roy township	958	17.8	31.0	0.5	0.5	0.5	90.2	28.1	98.1	61.5	19.0	98.6	353	148	246	
Leroy township	1 035	36.9	34.1	0.8	49.3	44.6	88.7	21.5	100.0	64.4	19.8	96.9	375	180	...	
Lexington township	1 067	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lima township	802	35.7	29.7	—	19.3	18.3	91.9	26.7	98.4	82.2	11.8	99.8	479	186	...	
Lincoln township, Berrien County	4 698	36.2	10.3	10.8	53.0	35.2	95.9	58.9	99.4	58.4	24.6	97.3	406	168	282	
Lockport township	929	39.2	18.6	1.1	7.2	6.8	88.2	38.6	99.0	63.8	21.9	97.8	354	140	268	
Lodi township	870	39.0	24.3	—	4.4	2.1	97.0	35.2	98.9	78.2	15.6	98.3	635	220	290	
London township	732	26.1	31.4	0.7	0.7	0.7	83.5	24.9	95.5	82.4	11.7	96.6	392	186	344	
Long Lake township	1 239	62.5	12.1	0.8	7.0	1.5	87.5	5.1	99.4	65.8	29.0	98.7	...	...	317
Lowell township	1 163	51.4	26.9	—	30.4	8.6	89.4	17.7	98.5	66.6	17.4	98.1	332	163	265	
Lyon township, Oakland County	2 415	50.9	8.2	12.9	31.6	30.9	94.7	36.9	99.5	57.2	18.4	98.8	489	189	278	
Lyons township	960	20.7	50.0	3.5	60.4	50.3	83.6	22.8	98.0	65.6	17.3	94.1	327	146	217	
McMillan township, Luce County	1 169	18.6	40.5	4.4	72.5	70.8	67.2	2.9	96.2	54.2	21.6	90.5	276	123	191	
Macomb township	4 591	66.8	8.3	0.8	82.6	66.1	94.3	32.6	99.9	66.4	27.4	97.9	515	199	...	
Madison township	1 558	16.6	24.6	0.3	2.4	7.4	92.4	29.7	99.2	72.5	14.4	95.8	371	173	254	
Manclona township	932	32.3	43.2	1.4	69.0	4.3	83.5	5.5	98.5	64.9	20.6	91.1	300	124	228	
Manchester township	1 097	21.2	49.7	1.5	54.3	51.8	91.4	30.4	98.1	68.7	18.7	97.4	436	203	271	
Manistee township	1 032	28.0	28.5	0.6	3.4	—	87.4	5.1	98.8	64.9	15.3	96.3	356	140	...	
Maple Grove township, Saginaw County	773	35.3	26.9	—	—	—	88.7	15.5	97.2	84.2	7.0	98.3	410	196	421	
Marathon township	1 282	28.0	35.9	1.6	23.6	24.4	82.4	10.1	98.5	67.8	17.8	96.2	336	145	...	
Marion township, Livingston County	1 262	52.9	17.7	1.5	2.0	2.0	91.3	20.0	99.4	85.2	10.6	98.0	463	198	241	
Marlette township	1 298	25.7	35.6	6.9	53.5	51.2	90.7	24.7	99.5	62.0	16.6	92.8	347	158	230	
Marquette township, Marquette County	865	38.8	19.7	0.6	58.5	6.2	72.1	6.6	98.5	56.2	23.4	97.5	408	167	...	
Marshall township	850	22.7	26.0	0.5	3.1	2.4	92.9	29.6	98.5	73.5	12.0	96.6	422	188	242	
Mayfield township, Lapeer County	2 064	53.9	8.3	6.3	30.3	29.7	90.1	22.7	100.0	70.3	20.4	97.4	354	163	239	
Mendon township	927	30.7	42.5	2.2	36.6	8.2	85.4	31.5	97.3	58.3	15.5	95.4	333	149	231	
Menominee township	1 327	32.8	20.3	0.3	0.3	0.3	77.9	10.9	98.5	64.1	16.3	99.0	361	150	214	
Meridian township	10 407	42.1	7.3	32.7	77.6	90.4	96.5	57.5	98.8	50.8	34.8	95.9	492	219	298	
Metomoro township	992	45.4	25.3	—	17.7	6.8	87.0	15.1	99.7	70.3	23.3	96.6	...	...	...
Millford township	3 242	37.0	18.4	7.9	58.0	55.5	96.1	33.2	99.0	65.9	15.9	97.1	...	...	273
Millington township	1 341	33.8	29.2	4.3	32.9	32.7	86.9	17.6	96.0	68.4	12.1	93.8	363	146	...	
Mills township, Ogemaw County	1 006	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monitor township	3 328	28.2	13.8	2.6	87.8	18.9	96.9	27.1	99.6	68.2	13.0	97.9	400	179	283	
Monroe township, Monroe County	4 065	36.3	19.8	11.9	89.5	92.1	93.8	47.2	98.5	49.2	20.7	92.8	370	169	247	
Montcalm township	833	25.9	29.1	—	—	—	77.1	11.8	97.2	56.8	12.8	93.9	359	129	...	
Montrose township</																

Table 55a. Summary of Detailed Housing Characteristics of Housing Units With a White Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Surrey township.....	1 091	36.1	15.9	2.4	25.8	28.5	75.5	11.5	98.7	46.6	16.3	96.7	267	141	238
Swan Creek township.....	742	...	...	...	...	...	...	...	...	...	...	...	365	156	...
Sylvan township, Washtenaw County.....	1 864	...	...	...	...	...	...	...	...	...	...	...	458	184	...
Tallmadge township.....	1 770	33.6	17.3	0.3	3.1	1.3	91.4	11.9	99.5	71.1	11.9	97.1	350	154	277
Taymouth township.....	1 294	43.5	20.3	—	10.0	5.6	84.5	20.4	96.8	70.1	10.8	96.2	330	150	246
Texas township.....	1 736	41.9	12.8	0.4	7.7	9.6	89.5	37.7	98.7	73.5	18.3	98.1	459	185	309
Therford township.....	2 627	46.8	12.5	4.6	19.3	38.6	92.9	25.0	99.6	64.3	20.3	98.2	368	180	239
Thomas township.....	3 425	37.3	11.4	6.7	88.0	70.9	93.8	33.3	99.3	70.5	15.9	98.6	...	...	284
Thornapple township.....	1 309	29.3	30.4	2.3	45.3	43.2	90.3	17.6	98.2	79.8	14.0	96.3	336	143	...
Three Oaks township.....	1 035	11.4	52.1	0.7	63.4	59.1	88.2	46.3	98.2	60.1	14.2	90.0	338	145	203
Tittabawassee township.....	1 546	35.4	19.0	3.3	47.2	37.3	92.4	23.9	99.0	69.1	16.0	98.9	399	177	263
Tyrone township, Kent County.....	972	30.8	31.6	2.1	7.6	34.9	88.1	14.2	99.1	62.6	13.8	95.2	341	145	...
Tyrone township, Livingston County.....	1 751	...	...	...	...	...	...	...	...	...	...	...	...	...	343
Unadilla township.....	894	37.0	26.5	0.9	0.9	1.2	85.8	22.4	98.7	65.7	17.8	99.1	368	164	319
Union township, Branch County.....	1 001	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Union township, Isabella County.....	1 762	35.8	16.9	13.0	26.7	26.9	91.0	30.5	98.2	55.8	29.0	97.0	376	145	258
Van Buren township.....	6 385	47.6	8.8	22.2	91.9	74.7	96.3	51.2	99.4	52.5	27.1	97.8	386	184	358
Vassar township.....	1 100	48.4	9.9	—	9.1	5.9	78.5	20.6	98.5	56.3	18.7	97.3	319	152	223
Venice township.....	925	...	...	...	...	...	...	...	...	...	...	...	356	173	...
Vernan township, Shiawassee County.....	1 648	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vevay township.....	923	45.1	30.3	—	9.4	8.3	88.8	19.6	99.0	78.3	17.1	98.9	424	201	255
Vienna township, Genesee County.....	3 935	36.6	13.6	6.5	10.9	52.6	94.1	21.8	98.9	68.3	18.0	97.0	367	168	266
Washington township, Macomb County.....	3 034	36.8	23.6	8.2	26.7	40.8	95.6	36.6	98.9	75.3	14.2	96.7	519	221	278
Waterford township.....	22 044	25.0	11.4	17.3	71.6	65.4	95.8	38.2	99.1	57.9	21.3	97.2	384	178	317
Watertown township, Clinton County.....	1 134	31.6	25.8	0.7	3.4	4.4	91.1	21.7	98.9	77.7	12.0	97.7	449	181	219
Watervliet township.....	1 125	30.0	28.0	7.0	29.8	71.8	84.0	40.4	98.5	51.3	26.8	95.3	322	160	233
Wayne township.....	852	19.1	29.7	—	1.1	1.1	73.4	22.7	99.4	63.5	11.6	98.5	292	141	231
Webster township.....	863	37.2	24.7	0.5	6.1	5.9	92.8	20.3	99.2	74.3	18.1	98.8	528	219	...
Wells township, Delta County.....	1 571	...	...	...	...	...	...	...	...	...	...	...	...	...	194
West Bloomfield township.....	12 462	44.2	7.4	4.1	66.2	70.5	98.8	59.1	99.8	84.4	14.4	99.6	620	235	476
Wheeler township.....	1 077	17.9	47.3	0.7	49.8	49.6	80.4	13.3	99.4	64.7	16.2	95.4	...	...	222
Whiteford township.....	1 373	22.2	34.1	3.8	4.4	4.2	91.8	27.8	98.6	78.2	9.0	100.0	416	194	208
White Lake township.....	6 965	42.9	11.8	3.9	23.0	16.0	96.1	24.0	99.6	63.8	20.7	97.9	430	179	304
White Pigeon township.....	1 267	24.1	34.0	2.9	43.1	7.7	89.3	36.0	97.8	56.4	21.5	95.8	359	150	239
Williams township.....	1 339	23.1	19.3	0.5	39.6	4.8	92.1	17.2	98.7	76.8	16.4	98.4	367	187	...
Williamston township.....	1 194	37.8	12.2	—	3.4	2.4	91.9	30.2	99.7	80.7	14.7	99.1	480	197	235
Windsor township.....	2 013	40.6	19.6	0.4	18.5	32.0	92.8	26.2	98.7	62.3	16.1	98.4	432	165	232
Woodhull township.....	1 017	38.6	18.4	3.3	13.1	9.4	86.6	26.3	97.5	69.3	14.9	98.1	373	201	274
Woodstock township.....	1 049	20.3	37.3	1.3	9.3	26.7	85.4	13.7	97.3	60.0	20.8	97.6	383	121	242
Worth township.....	1 124	24.1	26.4	0.5	9.3	2.3	77.8	9.8	97.7	53.7	13.3	94.3	...	...	258
Wright township, Ottawa County.....	894	20.4	34.7	—	2.8	18.2	89.7	9.5	98.7	72.8	9.2	96.9	344	155	266
Yark township.....	1 167	37.5	27.5	1.4	3.9	3.4	96.5	23.1	98.1	81.3	14.1	99.6	...	...	...
Ypsilanti township.....	13 949	36.9	5.7	30.9	95.7	93.7	96.0	55.9	99.3	49.2	32.4	95.9	369	170	301
Zeeland township.....	1 182	...	...	...	...	...	...	...	...	...	...	...	...	...	232

Table 56. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 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]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—											With a mortgage	Not mortgaged		
	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available				
1970 to March 1980	1939 or earlier	Total													
The State	385 831	8.5	38.0	18.3	97.9	96.8	92.0	30.0	97.5	51.4	21.7	71.4	330	170	227
URBAN AND RURAL AND SIZE OF PLACE															
Urban	377 251	8.0	38.4	18.5	99.4	98.4	92.4	30.2	97.5	51.3	21.8	71.1	329	170	227
Inside urbanized areas	373 546	8.0	38.5	18.5	99.4	98.4	92.5	30.3	97.5	51.3	21.7	71.0	329	170	227
Central cities	316 334	5.2	42.4	17.0	99.9	98.9	92.4	28.5	97.4	51.5	21.2	69.2	326	171	222
Urban fringe	57 212	23.0	16.9	26.6	96.9	95.8	92.9	40.3	98.0	50.1	24.9	80.7	353	168	257
Outside urbanized areas	3 705	16.3	31.8	19.5	98.5	97.8	86.4	22.0	97.1	51.9	26.3	80.1	301	159	220
Places of 10,000 or more	2 017	18.3	31.0	22.8	99.5	99.3	86.4	23.0	96.0	47.9	25.0	78.4	307	177	216
Places of 2,500 to 10,000	1 688	14.0	32.8	15.6	97.3	96.1	86.3	20.9	98.5	56.7	27.9	82.1	293	143	227
Rural	8 580	30.2	20.7	9.2	30.7	25.2	75.1	20.7	95.7	55.6	18.8	85.8	364	161	233
Places of 1,000 to 2,500	741	19.3	35.0	10.4	96.0	89.9	82.7	27.8	97.7	56.0	16.6	83.8	303	176	224
Other rural	7 839	31.3	19.3	9.1	24.5	19.1	74.3	20.1	95.5	55.5	19.0	86.0	375	159	235
Farm	144	13.9	54.2	—	1.4	4.9	78.5	20.1	98.6	72.9	1.4	93.8	554	225	—
INSIDE AND OUTSIDE SMSA'S															
Inside SMSA's	381 322	8.4	38.2	18.3	98.5	97.4	92.2	30.2	97.5	51.4	21.7	71.3	330	170	227
Urban	375 607	8.0	38.5	18.4	99.4	98.4	92.4	30.3	97.5	51.3	21.7	71.0	329	170	227
Central cities	316 607	5.3	42.3	17.1	99.9	98.8	92.4	28.6	97.4	51.4	21.2	69.3	326	171	222
Not in central cities	59 000	22.7	18.0	25.6	97.0	96.1	92.5	39.1	98.0	50.7	24.2	80.2	349	168	257
Rural	5 715	33.4	18.3	11.7	37.5	30.3	78.7	23.9	96.2	58.4	20.7	87.6	386	173	234
Outside SMSA's	4 509	21.0	26.8	12.1	47.0	45.5	75.3	18.6	95.9	49.3	22.5	83.7	315	146	223
Urban	1 644	15.9	29.4	26.0	99.2	98.4	88.2	26.0	98.2	48.1	35.8	86.3	316	144	217
Rural	2 865	23.9	25.4	4.2	17.1	15.2	67.9	14.4	94.5	49.9	14.9	82.2	315	147	230
SCSA'S															
Detroit—Ann Arbor, Mich.	301 481	6.9	40.0	19.3	99.7	98.4	93.2	31.7	97.4	51.1	20.4	70.0	334	174	224
Urban	300 070	6.8	40.1	19.3	99.9	98.7	93.2	31.8	97.4	51.1	20.4	69.9	333	174	224
Rural	1 411	32.5	17.5	5.0	58.9	32.8	80.0	23.8	96.1	69.6	20.1	91.8	384	178	276
SMSA'S															
Ann Arbor, Mich.	8 997	32.0	10.6	38.0	97.9	97.1	95.7	43.3	98.3	42.4	31.3	82.0	409	195	288
Urban	8 763	31.5	10.6	39.0	99.7	98.9	95.7	43.6	98.4	41.4	31.5	81.7	406	195	288
Rural	234	51.3	12.4	2.1	31.6	31.6	96.2	32.1	94.4	77.8	24.8	96.2	576	204	325
Battle Creek, Mich.	4 583	16.3	43.2	15.4	94.9	88.0	90.6	21.6	98.2	51.9	24.4	73.8	298	151	216
Urban	4 458	15.3	44.1	15.3	96.9	89.7	90.7	21.3	98.1	51.8	24.9	73.1	295	150	215
Rural	125	48.8	11.2	19.2	22.4	28.0	88.8	32.0	100.0	56.8	7.2	95.2	425	225	277
Bay City, Mich.	293	34.8	31.7	24.2	100.0	97.6	90.1	32.1	96.9	33.1	23.9	77.1	429	142	232
Urban	282	32.3	33.0	23.4	100.0	97.5	89.7	29.4	96.8	34.4	24.8	76.2	429	142	226
Rural	11	100.0	—	45.5	100.0	100.0	100.0	100.0	100.0	—	—	100.0	—	—	304
Benton Harbor, Mich.	7 291	14.6	29.6	14.9	83.9	90.5	82.5	25.7	96.6	45.4	28.7	71.0	296	155	230
Urban	6 265	9.7	32.6	11.6	87.2	95.5	82.6	22.9	97.1	47.0	27.6	69.7	292	154	232
Rural	1 026	44.8	11.3	35.3	64.2	60.5	81.9	42.6	93.5	35.8	35.0	79.0	382	163	216
Detroit, Mich.	292 484	6.1	40.9	18.7	99.7	98.4	93.1	31.4	97.4	51.4	20.0	69.6	333	173	221
Urban	291 307	6.0	40.9	18.7	99.9	98.7	93.2	31.4	97.4	51.3	20.0	69.5	332	173	221
Rural	1 177	28.7	18.5	5.6	64.3	33.1	76.8	22.2	96.4	68.0	19.2	91.0	360	172	273
Flint, Mich.	24 086	9.5	22.6	13.2	97.4	97.8	92.1	25.4	98.3	56.5	23.5	79.0	319	168	257
Urban	23 787	9.2	22.7	13.4	98.6	98.8	92.1	25.4	98.3	56.2	23.7	78.7	317	166	257
Rural	299	27.8	13.4	1.7	2.3	22.7	95.7	25.8	99.0	79.3	9.0	98.3	536	239	194
Grand Rapids, Mich.	9 911	11.5	50.8	13.3	98.0	97.4	90.5	19.7	97.0	53.5	31.7	72.0	317	140	211
Urban	9 731	11.0	51.5	13.3	99.3	98.7	90.5	20.0	97.1	53.3	31.6	71.7	317	140	211
Rural	180	42.2	14.4	13.9	28.9	24.7	89.4	7.8	96.7	60.6	36.1	84.4	361	183	139
Jackson, Mich.	2 377	12.6	51.1	9.8	94.5	95.0	91.8	23.0	97.0	53.5	26.7	78.7	289	179	224
Urban	2 269	10.8	52.9	10.2	97.1	97.5	91.5	22.6	97.0	52.8	27.1	77.7	286	178	227
Rural	108	50.9	13.9	—	38.9	42.6	98.1	32.4	95.4	64.4	18.5	100.0	385	229	178
Kalamazoo—Portage, Mich.	6 621	20.0	35.1	19.3	79.2	74.3	83.8	26.5	97.5	48.5	30.9	76.8	333	149	236
Urban	5 039	18.4	37.3	23.1	97.8	91.7	88.6	29.6	97.5	46.5	35.4	74.8	328	152	237
Rural	1 582	24.9	28.2	7.3	19.9	18.7	68.4	16.4	97.3	54.9	16.6	83.1	343	146	234
Lansing—East Lansing, Mich.	7 413	27.2	20.7	30.1	98.0	98.0	91.6	36.8	97.9	45.7	36.7	80.5	366	166	253
Urban	7 299	27.0	20.7	30.4	99.3	99.2	91.6	36.9	97.8	45.3	36.7	80.2	365	165	253
Rural	114	36.8	20.2	7.0	11.4	22.8	86.0	30.7	100.0	72.8	35.1	97.4	396	213	322
Muskegon—Norton Shores—Muskegon Heights, Mich.	5 664	9.4	38.3	9.1	94.4	92.7	83.8	12.2	98.4	51.5	18.7	74.0	261	151	209
Urban	5 375	8.7	39.5	9.6	99.1	97.5	84.1	12.7	98.5	51.1	18.9	73.3	261	149	210
Rural	289	22.8	16.6	—	7.3	3.8	77.9	2.4	95.8	60.6	14.5	87.9	285	162	156
Saginaw, Mich.	10 881	13.2	27.1	10.1	98.4	96.1	85.5	22.0	98.5	54.7	25.0	74.8	310	161	249
Urban	10 661	12.8	27.3	10.0	99.2	97.4	85.5	21.8	98.5	54.5	25.0	74.4	308	161	249
Rural	220	34.5	14.1	14.1	57.7	33.6	84.5	31.4	96.8	65.9	25.5	97.3	544	139	244
Toledo, Ohio—Mich.	22 510	14.8	49.4	19.9	97.0	96.1	86.1	33.9	97.7	50.2	26.7	73.7	304	149	205
Urban	21 742	14.2	50.7	20.3	99.8	98.0	86.5	34.3	97.8	49.8	27.4	73.1	301	148	204
Rural	768	30.5	11.1	8.1	18.1	15.8</									

Table 56. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1980—Con.

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

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

URBANIZED AREAS—Con.

Muskegon—Muskegon Heights, Mich.	5 361	8.6	39.6	9.6	99.4	97.8	84.1	12.6	98.5	51.1	19.0	73.2	261	149	210
Port Huron, Mich.	838	18.0	40.9	22.0	100.0	92.7	86.0	12.1	95.2	50.0	23.3	66.3	308	175	217
Saginaw, Mich.	10 661	12.8	27.3	10.0	99.2	97.4	85.5	21.8	98.5	54.5	25.0	74.4	308	161	249
South Bend, Ind.—Mich.	7 365	10.5	37.5	13.3	97.0	96.7	85.5	33.0	98.0	53.4	23.4	72.6	257	128	202
Indiana (pt.)	6 836	10.2	36.9	13.3	97.2	96.7	85.2	32.8	98.1	45.9	22.7	72.1	256	127	198
Michigan (pt.)	529	14.4	45.0	12.5	94.1	97.2	89.6	35.5	97.7	45.9	31.2	79.0	283	136	253
Toledo, Ohio—Mich.	21 048	13.8	51.6	19.5	99.8	98.9	86.6	33.8	97.9	50.4	27.1	73.1	301	147	203
Michigan (pt.)	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ohio (pt.)	21 039	13.7	51.7	19.5	99.8	98.9	86.6	33.8	97.9	50.4	27.2	73.1	300	147	203

PLACES OF 2,500 OR MORE

Adrian city	200	9.0	52.5	16.0	100.0	100.0	77.0	31.5	90.5	37.5	22.0	93.5	309	206	264
Albion city	1 021	15.9	31.3	12.9	98.9	98.9	85.9	11.8	96.3	56.5	17.9	72.3	277	172	209
Algonoc city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Allegan city	30	—	33.3	—	100.0	100.0	80.0	—	100.0	63.3	40.0	80.0	325	127	...
Allen Park city	15	—	53.3	46.7	100.0	100.0	100.0	—	100.0	100.0	53.3	100.0	...	...	500+
Almo city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alpena city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ann Arbor city	3 384	29.3	13.4	34.8	99.8	99.6	97.2	37.9	98.7	44.0	30.1	81.4	459	234	295
Bad Axe city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Battle Creek city	2 902	13.8	55.1	14.5	99.7	96.8	92.5	20.1	98.7	47.9	25.9	69.4	280	145	217
Bay City city	195	11.8	47.7	2.6	100.0	100.0	85.1	9.2	97.9	36.9	17.9	69.7	407	142	210
Beecher (CDP)	2 210	12.5	2.0	6.2	98.7	98.6	90.5	17.0	99.4	79.7	18.9	84.3	309	186	273
Belding city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Belleville city	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benton Harbor city	3 629	3.4	41.4	8.0	99.3	98.1	81.4	14.3	96.4	46.1	28.1	64.1	286	177	222
Benton Heights (CDP)	1 070	9.4	20.9	1.3	46.0	87.1	77.9	20.0	98.3	52.5	22.3	70.3	258	129	219
Berkley city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bessemer city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Beverly Hills village	14	—	—	—	42.9	100.0	100.0	100.0	100.0	100.0	57.1	100.0	1000+	—	—
Big Rapids city	74	40.5	35.1	44.6	100.0	100.0	90.5	—	100.0	23.0	73.0	70.3	...	...	206
Birmingham city	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blissfield village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bloomfield Hills city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Boyer City city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brighton city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brownlee Park (CDP)	10	—	30.0	—	70.0	70.0	100.0	—	100.0	30.0	70.0	30.0	...	...	...
Buchanan city	146	9.6	19.2	15.1	100.0	100.0	79.5	32.2	93.8	52.1	18.5	74.7	221	188	...
Burton city	121	42.1	4.1	81.8	81.8	88.4	92.6	81.8	100.0	—	31.4	73.6	...	...	255
Cadillac city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Carleton village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Caro village	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cedar Springs city	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Center Line city	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Charlevoix city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Charlotte city	13	—	53.8	—	100.0	100.0	100.0	—	100.0	46.2	—	46.2	...	...	...
Cheboygan city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chelsea village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chesaning village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clare city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clawson city	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clio city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coldwater city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Comstock Park (COP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coopersville city	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Corunna city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cutler (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davison city	13	100.0	—	100.0	100.0	100.0	100.0	100.0	100.0	—	53.8	100.0	...	...	...
Dearborn city	16	31.3	25.0	68.8	100.0	100.0	56.3	100.0	100.0	—	68.8	100.0	...	...	298
Dearborn Heights city	22	—	—	—	100.0	100.0	100.0	77.3	100.0	36.4	—	100.0	...	...	270
Detroit city	251 136	3.9	44.0	18.0	99.9	98.9	93.2	30.5	97.3	51.3	19.8	68.2	331	174	218
Oe Witt city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oowagiac city	304	12.2	37.5	9.2	98.7	100.0	79.9	27.6	98.4	55.9	10.2	70.7	232	143	232
Dundee village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Durand city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Detroit city	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Grand Rapids city	657	22.4	6.5	72.1	100.0	99.1	96.2	41.7	96.0	18.9	57.2	81.9	585	—	—
East Lansing city	—	—	—	—	—	—	—	—	—	—	—	—	831	—	168
East Tawas city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eastwood (COP)	211	29.9	17.5	29.9	100.0	50.2	94.3	65.9	100.0	46.4	49.8	100.0	368	—	307
Eaton Rapids city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ecorse city	1 763	3.5	18.2	6.8	100.0	98.8	90.8	31.3	97.6	66.0	11.2	77.3	260	167	218
Esconaba city	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Essexville city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fair Plain (CDP)	487	...	...	...	...	...	...	...	...	...	...	...	367	163	...
Farmington city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Formington Hills city	87	72.4	—	42.5	95.4	87.4	100.0	67.8	100.0	44.8	67.8	100.0	861	188	...
Fenton city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ferndale city	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Flint Rock city	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Flint city	20 392	7.0	26.2	11.4	99.9	98.9	91.9	23.3	98.2	55.1	23.4	77.2	315	165	248
Flushing city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Frankenmuth city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Franklin village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fraser city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fremont city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Garden City city	36	100.0	—	100.0	100.0	100.0	100.0	100.0	100.0	—	55.6	30.6	—	—	364
Gaylord city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 56. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1980—Con.

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

**The State
Urban and Rural and Size
of Place
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	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—													
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available		With mortgage	Not mortgaged
1970 to March 1980	1939 or earlier													
PLACES OF 2,500 OR MORE—Con.														
Gibraltar city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gladstone city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grand Blanc city	11	—	—	45.5	100.0	100.0	100.0	45.5	100.0	54.5	54.5	100.0	—	—
Grand Haven city	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Grand Ledge city	11	—	—	—	100.0	100.0	100.0	—	100.0	100.0	—	—	—	—
Grand Rapids city	8 741	5.7	56.5	9.0	99.7	99.0	89.9	15.1	97.0	55.3	30.0	100.0	68.8	475
Grandville city	4	—	—	—	—	—	—	—	—	—	—	—	—	—
Greenville city	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Grasse Pointe city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grasse Pointe Farms city	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Grasse Pointe Park city	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Grasse Pointe Shores village	8	—	—	—	—	—	—	—	—	—	—	—	—	—
Grasse Pointe Woods city	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamtramck city	1 059	1.3	63.9	8.8	100.0	98.2	80.5	15.7	96.7	39.0	17.9	62.2	341	152
Hancock city	23	—	—	—	—	—	—	—	—	—	—	—	—	—
Harper Woods city	4	—	—	—	—	—	—	—	—	—	—	—	—	—
Haslett (CDP)	64	78.1	—	89.1	100.0	100.0	100.0	81.3	89.1	—	40.6	100.0	—	312
Hastings city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hazel Park city	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Highland Park city	8 015	11.6	49.7	34.3	100.0	96.9	94.4	27.1	96.2	43.2	28.4	56.9	314	186
Hillsdale city	6	—	—	—	—	—	—	—	—	—	—	—	—	—
Holland city	53	26.4	47.2	17.0	100.0	100.0	90.6	17.0	100.0	47.2	47.2	100.0	—	272
Holly village	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Holt (CDP)	59	39.0	—	91.5	100.0	100.0	100.0	79.7	100.0	8.5	39.0	88.1	—	296
Houghton city	24	29.2	45.8	54.2	100.0	100.0	83.3	—	100.0	—	100.0	100.0	—	172
Howell city	10	—	—	—	—	—	—	—	—	—	—	—	—	163
Hudson city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hudsonville city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Huntington Woods city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Inkster city	5 953	13.8	7.7	9.1	100.0	99.3	92.3	37.3	98.2	64.1	12.6	85.1	325	168
Ionia city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Iron Mountain city	11	—	100.0	—	100.0	100.0	100.0	—	100.0	100.0	100.0	100.0	—	325
Ironwood city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ishpeming city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ithaca city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jackson city	2 040	8.0	57.4	9.0	100.0	99.6	90.9	18.1	97.0	53.7	26.8	75.2	275	177
Jerison (CDP)	6	—	—	—	—	—	—	—	—	—	—	—	—	—
Kalamazoo city	3 755	10.5	45.6	17.3	99.8	98.6	86.6	20.2	97.1	47.9	32.7	69.4	293	155
Keego Harbor city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kentwood city	446	65.7	1.3	57.4	96.9	96.2	95.5	64.6	100.0	37.2	44.8	97.3	472	175
Kingsford city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
K. I. Sawyer AFB (CDP)	127	14.2	—	—	100.0	92.1	92.1	4.7	100.0	78.7	55.1	100.0	—	209
Lake Fenton (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lake Orion village	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lake Orion Heights (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lakeview (CDP)	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Lambertville (CDP)	32	—	—	—	68.8	—	100.0	31.3	100.0	100.0	56.3	100.0	627	138
L'Anse village	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lansing city	5 756	22.8	24.9	21.2	99.7	99.5	90.7	31.3	98.3	50.0	32.7	78.3	347	164
Lapeer city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lathrup Village city	46	50.0	—	—	100.0	100.0	100.0	87.0	100.0	87.0	63.0	100.0	858	—
Laurium village	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level Park—Oak Park (CDP)	31	—	—	—	—	—	—	—	—	—	—	—	493	—
Lincoln Park city	148	90.5	4.1	89.9	100.0	100.0	95.9	95.9	94.6	—	19.6	89.9	—	313
Livonia city	17	41.2	—	47.1	100.0	100.0	100.0	100.0	100.0	58.8	5.9	100.0	—	—
Lowell city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ludington city	13	—	—	—	100.0	100.0	46.2	—	100.0	100.0	46.2	—	246	—
Madison Heights city	158	41.8	5.1	94.9	100.0	100.0	95.6	100.0	100.0	—	50.0	91.8	—	284
Manistee city	6	—	—	—	—	—	—	—	—	—	—	—	—	—
Manistique city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marine City city	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Marquette city	67	20.9	19.4	73.1	100.0	100.0	100.0	10.4	100.0	19.4	88.1	73.1	525	194
Marshall city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marysville city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mason city	12	50.0	—	—	100.0	50.0	100.0	100.0	100.0	100.0	50.0	100.0	550	—
Melvindale city	22	81.8	18.2	100.0	100.0	100.0	100.0	100.0	100.0	—	45.5	100.0	—	323
Menominee city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Michigan Center (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Midland city	162	33.3	3.7	50.0	100.0	100.0	96.9	65.4	100.0	35.8	39.5	100.0	602	350
Milan city	22	—	—	22.7	100.0	100.0	100.0	22.7	100.0	77.3	22.7	100.0	194	—
Milford village	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Monroe city	328	17.4	35.1	19.5	100.0	98.8	80.8	37.8	92.7	50.6	8.8	77.4	359	171
Mount Clemens city	1 032	23.2	20.3	16.8	100.0	98.6	87.3	33.1	97.1	58.0	17.7	78.9	343	176
Mount Morris city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mount Pleasant city	80	25.0	—	66.3	100.0	100.0	100.0	42.5	100.0	25.0	36.3	68.8	928	350
Munising city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Muskegon city	2 494	11.9	42.0	8.3	100.0	99.5	85.5	15.6	98.1	53.5	20.4	72.8	256	162
Muskegon Heights city	2 726	4.4	38.4	10.5	99.7	98.8	82.1	9.7	98.9	48.7	16.8	72.9	258	144
Negaunee city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Baltimore city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Buffalo city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Niles city	478	10.5	49.8	13.8	100.0	100.0	89.7	36.6	97.5	43.9	30.3	76.8	282	136
North Muskegon city	13	—	—	—	—	—	—	—	—	—	—	—	—	—
Northville (CDP)	46	78.3	—	39.1	89.1	89.1	100.0	69.6	100.0	50.0	56.5	89.1	445	238
Northville city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Norton Shores city	87	28.7	14.9	8.0	85.1	35.6	94.3	—	100.0	58.6	26.4	80.5	464	289
Norway city	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Novi city	13	—	—	—	—	—	—	—	—	—	—	—	575	—

Table 56. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1980—Con.

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

**The State
Urban and Rural and Size
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Counties**

PLACES OF 2,500 OR MORE—Con.

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
1970 to March 1980	1939 or earlier														
Oak Park city	1 053	0.9	2.3	2.3	99.3	99.0	94.1	86.2	100.0	84.9	24.8	97.6	477	263	436
Okemos (CDP)	97	45.4	—	81.4	100.0	100.0	93.8	93.8	93.8	36.1	69.1	79.4	—	—	316
Otsego city	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Owosso city	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oxford village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Patterson Gardens (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paw Paw village	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paw Paw Lake (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pearl Beach (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Petoskey city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plainwell city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pleasant Ridge city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plymouth city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pontiac city	8 494	12.8	19.6	17.8	99.9	98.7	92.3	24.6	97.7	51.5	22.1	78.9	314	108	253
Portage city	279	47.7	2.9	37.3	88.2	69.2	95.0	65.2	96.8	46.6	50.9	94.3	428	138	272
Port Huron city	750	19.3	40.7	24.5	100.0	100.0	90.1	11.9	96.8	51.5	24.4	65.2	315	201	215
Portland city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Richmond city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
River Rouge city	1 374	6.5	29.1	5.1	100.0	99.5	88.6	25.4	99.5	58.2	9.1	76.4	287	158	204
Riverview city	22	40.9	—	100.0	100.0	100.0	100.0	100.0	100.0	—	—	100.0	—	—	300
Rochester city	36	50.0	—	69.4	100.0	100.0	100.0	100.0	100.0	—	66.7	100.0	—	—	347
Rockford city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rockwood city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rogers City city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Romeo village	77	5.2	67.5	—	100.0	100.0	61.0	10.4	100.0	68.8	11.7	75.3	—	—	—
Ramulus city	1 419	24.9	8.6	26.5	98.0	96.0	91.4	33.4	97.6	44.2	17.2	91.6	410	189	267
Roosevelt Park city	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Roseville city	180	26.7	20.6	3.3	100.0	100.0	69.4	18.3	94.4	57.2	10.0	97.2	291	163	252
Royal Oak city	34	20.6	—	76.5	100.0	100.0	100.0	76.5	100.0	23.5	35.3	100.0	—	—	354
Saginaw city	8 434	9.9	33.4	8.2	99.9	98.6	84.3	18.2	98.2	53.4	26.3	69.8	295	162	238
St. Clair city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Clair Shores city	70	40.0	15.7	—	100.0	85.7	100.0	—	91.4	80.0	—	74.3	322	143	—
St. Ignace city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Johns city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Joseph city	50	24.0	28.0	72.0	100.0	100.0	86.0	56.0	84.0	—	32.0	72.0	—	—	251
St. Louis city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Saline city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sault Ste. Marie city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Southfield city	2 386	36.3	1.3	31.3	98.6	94.6	99.8	88.7	99.8	61.4	31.1	97.5	672	297	410
Southgate city	126	44.4	—	94.4	100.0	100.0	100.0	100.0	100.0	3.2	22.2	100.0	—	—	352
South Haven city	270	11.5	42.6	10.4	98.5	98.5	85.6	11.5	98.1	57.0	25.2	78.9	—	—	225
South Lyon city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
South Monroe (CDP)	34	82.4	—	58.8	100.0	100.0	100.0	50.0	100.0	17.6	17.6	76.5	—	—	—
Sparta village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Springfield city	126	61.9	16.7	71.4	88.9	78.6	78.6	70.6	94.4	15.9	44.4	95.2	236	150	197
Springfield Place (CDP)	12	—	50.0	—	100.0	—	100.0	100.0	100.0	50.0	—	100.0	—	—	—
Spring Lake village	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sterling Heights city	74	52.7	—	20.3	100.0	100.0	100.0	68.9	100.0	63.5	10.8	100.0	630	—	353
Sturgis city	25	—	48.0	28.0	100.0	100.0	72.0	—	100.0	44.0	28.0	100.0	304	—	353
Swartz Creek city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Taylor city	425	69.6	2.4	46.8	100.0	100.0	100.0	66.8	100.0	20.7	25.2	96.9	417	—	316
Tecumseh city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Three Rivers city	276	14.5	48.9	13.0	100.0	97.1	96.0	30.1	100.0	50.0	10.9	86.6	319	140	—
Traverse City city	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Trenton city	11	100.0	—	45.5	100.0	100.0	100.0	100.0	100.0	—	54.5	100.0	—	—	354
Troy city	228	69.7	—	57.5	97.4	97.4	100.0	87.3	100.0	39.5	29.4	94.3	701	—	388
Utica city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vandercook Lake (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vassar city	22	—	22.7	—	100.0	100.0	72.7	—	100.0	77.3	—	100.0	346	138	—
Wakefield city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Walker city	30	100.0	—	100.0	100.0	100.0	100.0	100.0	100.0	—	43.3	100.0	—	—	211
Walled Lake city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Warren city	131	26.0	—	83.2	100.0	100.0	100.0	58.0	100.0	13.7	45.0	96.9	394	163	282
Waterford (CDP)	140	85.7	—	74.3	100.0	100.0	75.7	72.1	100.0	9.3	70.0	100.0	596	—	304
Wayne city	367	56.1	1.6	40.9	100.0	100.0	98.6	31.9	100.0	21.5	26.7	78.5	455	—	251
Westland city	753	23.4	0.9	22.7	100.0	95.8	96.9	57.8	99.5	55.8	13.4	89.2	327	186	318
Westwood (CDP)	145	33.8	—	49.7	92.4	52.4	100.0	63.4	100.0	40.0	30.3	97.2	438	239	280
Whitehall city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
White Lake—Seven Harbors (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whitmore Lake (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Williamston city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wixom city	21	100.0	—	100.0	100.0	100.0	100.0	100.0	57.1	—	57.1	100.0	—	—	313
Wolf Lake (CDP)	14	50.0	—	—	—	—	100.0	50.0	100.0	50.0	—	100.0	250	—	—
Wolverine Lake village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Woodhaven city	35	57.1	—	80.0	100.0	100.0	100.0	80.0	100.0	20.0	40.0	100.0	—	—	—
Wurtsmith AFB (CDP)	119	—	—	38.7	94.1	94.1	92.4	13.4	100.0	94.1	79.0	92.4	—	—	220
Wyandotte city	15	—	—	—	100.0	100.0	100.0	—	100.0	—	—	100.0	—	—	325
Wyoming city	370	50.3	4.6	55.9	97.0	97.3	95.9	68.9	93.8	22.7	50.0	97.6	395	182	242
Ypsilanti city	2 304	16.8	19.0	34.2	100.0	99.0	93.6	31.9	97.9	31.9	29.6	69.4	368	168	256
Zeeland city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
COUNTIES															
Alcona	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alger	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Allegan	406	23.4	26.8	3.9	16.5	16.3	62.3	14.5	96.8	52.2	18.5	86.9	321	134	227
Alpena	12	83.3	—	83.3	83.3	83.3	100.0	—	100.0	16.7	100.0	100.0	—	—	263
Antrim	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arenac	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 56. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—													
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air condi- tioning	1 or more complete bath- rooms	3 or more bed- rooms	House- holder moved into unit 1979 to March 1980	1 or more vehicles available		With a mort- gage	Not mort- gaged
1970 to March 1980	1939 or earlier													
COUNTIES—Con.														
Baraga	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Barry	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Bay	293	34.8	31.7	24.2	100.0	97.6	90.1	32.1	96.9	33.1	23.9	77.1	429	142
Benzie	15	—	40.0	—	53.3	26.7	73.3	—	60.0	13.3	26.7	86.7	...	...
Berrien	7 291	14.6	29.6	14.9	83.9	90.5	82.5	25.7	96.6	45.4	28.7	71.0	296	155
Branch	19	—	47.4	—	63.2	63.2	89.5	36.8	57.9	26.3	10.5	57.9	...	...
Calhoun	4 577	16.3	43.3	15.4	95.0	88.1	90.6	21.6	98.2	51.9	24.4	73.7	298	151
Cass	1 391	19.3	34.3	5.9	41.7	42.7	74.6	24.3	96.0	53.8	12.0	80.7	292	156
Charlevoix	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Cheboygan	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Chippewa	14	...	...	...	...	...	...	...	...	...	...	...	...	...
Claire	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Clinton	38	52.6	5.3	—	23.7	36.8	76.3	21.1	100.0	65.8	31.6	100.0	543	...
Crowford	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Delta	10	—	100.0	—	80.0	80.0	80.0	—	100.0	80.0	—	100.0	—	—
Dickinson	11	...	...	...	...	...	...	...	...	...	...	...	...	...
Eaton	739	62.5	2.4	43.2	91.7	92.0	94.7	61.6	98.4	49.4	38.0	95.5	442	172
Emmet	12	50.0	33.3	50.0	50.0	50.0	100.0	—	100.0	33.3	66.7	100.0	...	...
Genesee	24 070	9.5	22.6	13.2	97.4	97.9	92.1	25.5	98.3	56.5	23.5	79.0	319	168
Gladwin	10	100.0	—	—	—	—	100.0	40.0	100.0	—	40.0	80.0	237	—
Gogebic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grand Traverse	12	16.7	16.7	—	33.3	33.3	66.7	—	100.0	25.0	33.3	100.0	...	...
Gratiot	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Hillsdale	25	16.0	44.0	24.0	32.0	32.0	68.0	—	100.0	60.0	40.0	100.0	225	...
Houghton	47	14.9	55.3	44.7	100.0	100.0	91.5	—	100.0	—	83.0	100.0	...	...
Huron	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Ingham	6 623	23.1	22.8	28.9	99.3	99.1	91.3	34.1	97.8	45.2	36.6	78.7	356	165
Ionia	13	7.7	53.8	—	—	38.5	76.9	38.5	100.0	46.2	7.7	76.9	...	...
Iosca	170	13.5	1.2	28.2	88.8	73.5	91.8	12.4	98.2	88.8	63.5	94.7	330	...
Iran	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Isabella	124	29.0	12.9	50.0	71.8	71.8	96.0	28.2	91.9	36.3	32.3	70.2	456	350
Jackson	2 377	12.6	51.1	9.8	94.5	95.0	91.8	23.0	97.0	53.5	26.7	78.7	289	179
Kalamazoo	4 935	19.3	36.9	23.6	96.1	89.3	88.7	30.8	97.6	46.6	35.1	74.9	332	158
Kalkaska	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Kent	9 761	11.1	51.1	13.3	98.6	97.9	90.6	20.0	97.1	53.5	31.6	71.8	317	139
Keweenaw	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Lake	583	14.1	17.2	0.7	8.1	2.7	53.2	4.6	93.3	36.5	8.2	69.5	264	136
Lapeer	29	24.1	69.0	—	—	—	31.0	24.1	93.1	100.0	24.1	75.9	425	225
Leelanau	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lenawee	210	9.5	51.0	16.2	96.2	97.1	78.1	32.4	91.0	40.0	21.0	92.4	312	206
Livingston	18	—	100.0	—	—	—	100.0	—	100.0	33.3	—	—	—	152
Luce	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mackinac	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Macomb	2 772	34.6	14.7	24.0	97.9	95.8	89.2	31.1	97.7	51.3	19.6	83.8	348	167
Manistee	11	—	81.8	—	54.5	54.5	100.0	—	100.0	72.7	—	100.0	...	188
Marquette	223	23.8	5.8	29.1	97.8	93.3	95.5	5.8	100.0	50.7	70.9	91.9	525	...
Mason	30	20.0	30.0	—	43.3	43.3	70.0	6.7	100.0	93.3	63.3	76.7	275	125
Mecosta	152	45.4	28.3	26.3	53.3	53.3	78.3	—	100.0	44.1	50.0	84.2	268	183
Menominee	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Midland	181	35.9	7.2	44.8	91.2	90.1	95.6	63.5	98.3	41.4	35.4	98.3	515	333
Missaukee	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Monroe	721	30.5	21.5	15.0	56.3	55.1	78.8	25.9	94.2	56.2	7.4	84.7	368	189
Montcalm	35	65.7	11.4	28.6	34.3	34.3	65.7	20.0	88.6	48.6	8.6	68.6	275	132
Montmorency	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Muskegon	5 651	9.5	38.2	9.1	94.6	92.9	83.8	12.2	98.5	51.5	18.7	74.1	261	151
Newaygo	211	20.9	14.2	0.9	3.3	3.3	53.1	5.7	93.8	37.4	12.8	82.9	425	139
Oakland	14 761	21.4	13.0	22.5	98.2	96.7	94.1	44.6	98.4	54.6	24.6	84.1	414	172
Oceana	13	—	69.2	—	23.1	23.1	100.0	—	76.9	76.9	15.4	69.2	—	121
Ogemaw	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ontonagon	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Osceola	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Oscoda	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Otsego	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ottawa	150	38.0	28.7	16.7	64.7	64.7	84.0	4.7	96.0	50.7	38.7	81.3	438	185
Presque Isle	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Rascamman	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Saginaw	10 881	13.2	27.1	10.1	98.4	96.1	85.5	22.0	98.5	54.7	25.0	74.8	310	161
St. Clair	968	17.8	40.2	19.5	92.5	82.0	82.2	12.6	95.4	51.2	22.3	69.6	301	176
St. Joseph	479	19.4	37.0	9.6	64.7	62.6	90.2	23.2	97.5	54.7	10.0	88.1	302	146
Sanilac	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Schoolcraft	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shiawassee	16	43.8	12.5	—	43.8	43.8	100.0	—	100.0	100.0	43.8	100.0	...	...
Tuscola	62	21.0	19.4	11.3	51.6	51.6	87.1	22.6	100.0	61.3	21.0	100.0	355	150
Van Buren	1 686	21.8	30.0	6.6	29.8	30.2	69.3	13.9	97.2	54.1	18.6	82.3	334	142
Washtenaw	8 997	32.0	10.6	38.0	97.9	97.1	95.7	43.3	98.3	42.4	31.3	82.0	409	195
Wayne	273 936	5.0	42.6	18.4	99.9	98.6	93.1	30.7	97.3	51.2	19.8	68.7	330	173
Wexford	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 56a. **Summary of Detailed Housing Characteristics of Housing Units With a Black Householder for Towns/ Townships: 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]

Towns/Townships of 2,500 or More	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete both-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Acme township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ada township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Addison township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Adrian township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Alaiedon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Alamo township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Albee township	20	30.0	35.0	—	—	100.0	—	100.0	65.0	35.0	100.0	—	—	...	
Algoma township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Allegan township	28	35.7	42.9	—	—	64.3	21.4	100.0	64.3	35.7	100.0	325	138	325	
Allendale township	34	82.4	—	61.8	100.0	100.0	100.0	100.0	100.0	100.0	41.2	—	—	106	
Almeno township	21	19.0	33.3	—	—	52.4	9.5	100.0	66.7	9.5	90.5	425	158	...	
Almer township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Almont township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Alpena township	10	...	...	...	...	...	...	...	...	...	...	...	...	263
Alpine township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Ann Arbor township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Antwerp township	21	66.7	14.3	9.5	61.9	71.4	66.7	71.4	100.0	42.9	42.9	57.1	440	...	
Arbela township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Argentine township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Armada township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Ash township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Atlas township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Attica township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Augusta township	93	38.7	19.4	—	—	100.0	53.8	100.0	82.8	9.7	100.0	475	262	...	
Avon township	121	52.9	17.4	28.9	72.7	77.7	100.0	64.5	100.0	55.4	33.9	100.0	842	115	354
Bagley township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Bainbridge township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Bangor township, Boy County	31	80.6	—	71.0	100.0	100.0	100.0	51.6	100.0	32.3	51.6	80.6	210
Baraga township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Baroda township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Barry township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Bath township	12	50.0	—	—	—	50.0	50.0	100.0	—	100.0	100.0	...	...	...
Battle Creek township	78	28.2	7.7	30.8	74.4	30.8	100.0	59.0	100.0	61.5	23.1	100.0	395	138	270
Bear Creek township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Beaver township, Boy County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Bedford township, Calhoun County	325	12.9	4.0	—	68.0	11.4	92.0	30.5	100.0	88.9	20.9	96.0	331
Bedford township, Monroe County	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellevue township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Bennington township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Benton township, Berrien County	2 155	26.8	13.4	21.9	61.9	87.5	83.6	38.4	98.7	43.6	29.0	73.6	307	133	236
Berlin township, Ionia County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Berlin township, Monroe County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Berrien township	45	46.7	—	—	6.7	6.7	88.9	37.8	82.2	88.9	26.7	100.0
Birch Run township	12	—	50.0	—	50.0	—	100.0	50.0	100.0	50.0	—	100.0
Blockman township	97	69.1	17.5	39.2	64.9	100.0	100.0	82.5	94.8	29.9	43.3	100.0	714	225	...
Blair township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Blendon township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Blissfield township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Bloomfield township, Oakland County	159	48.4	2.5	3.1	76.1	73.0	96.9	68.6	100.0	81.8	21.4	96.9	620	188	457
Boston township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Brady township, Kalamazoo County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Brandon township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Breitung township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Bridgeport township	249	47.8	2.4	26.5	100.0	90.8	100.0	50.6	100.0	66.7	42.6	98.4	529	188	267
Brighton township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Brownstown township	177	56.5	—	38.4	100.0	96.0	100.0	23.2	96.0	44.1	35.6	91.0	515	400+	265
Bruce township, Macomb County	68	5.9	69.1	—	100.0	100.0	61.8	11.8	100.0	64.7	13.2	77.9	375	137	...
Buchanan township	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Buena Vista township	1 565	8.3	4.7	2.6	93.9	92.7	86.6	21.2	99.6	67.3	10.7	89.5	341	153	274
Burns township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Burr Oak township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Burtchville township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Byron township	19	36.8	63.2	—	36.8	36.8	100.0	—	100.0	26.3	36.8	100.0
Caledonia township, Kent County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Caledonia township, Shiawassee County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Calumet township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Cambridge township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Cannon township	25	28.0	40.0	—	—	100.0	—	100.0	100.0	—	100.0	275	—	...	
Canton township	149	71.1	4.7	18.8	86.6	86.6	95.3	60.4	89.9	55.0	42.3	95.3	675	275	338
Corrollan township	153	25.5	13.7	43.1	94.8	92.8	91.5	45.1	100.0	49.7	27.5	98.0	289	219	322
Cascade township	11	45.5	—	—	—	—	100.0	45.5	100.0	100.0	45.5	100.0
Casco township, Allegan County	39	33.3	—	—	—	—	79.5	15.4	100.0	51.3	—	100.0
Casco township, St. Clair County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Castleton township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Chesoning township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Chesterfield township	58	—	22.4	—	75.9	60.3	84.5	22.4	100.0	77.6	44.8	275	88	233	
Chikaming township	59	—	23.7	—	100.0	74.6	89.8	33.9	100.0	39.0	—	100.0
Chippewa township, Isabella County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Chocolay township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Clay township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Cloyton township, Genesee County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Clinton township, Lenawee County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Clinton township, Macomb County	724	57.3	1.5	29.7	98.6	97.8	95.4	23.3	99.2	41.2	17.0	80.2	393	184	212
Clyde township, St. Clair County	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Coe township	—	—	—	—	—	—	—	—	—	—	—	—	—	...	
Coldwater township, Branch County	6	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 56a. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available		With a mortgage	Not mortgaged
Coloma township	—	—	—										—		
Colon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Columbio township, Jackson County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Columbus township, St. Clair County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Commerce township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Comstock township	53	22.6	...	...	28.3	...	88.7	26.4	100.0	67.9	...	86.8	365	121	
Constantine township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cooper township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Cottrellville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Courtland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Covert township	519	12.9	28.9	3.9	5.0	5.0	56.6	13.5	97.5	52.2	14.6	77.5	324	137	234
Crockery township	14	35.7	—	—	—	—	35.7	35.7	100.0	35.7	—	100.0	675	—	—
Dalton township	48	12.5	31.3	—	—	—	70.8	—	100.0	85.4	—	100.0	204	167	—
Davison township	59	71.2	13.6	62.7	86.4	83.1	69.5	83.1	100.0	23.7	42.4	100.0	388	—	294
Decatur township	77	28.6	37.7	2.6	62.3	62.3	80.5	24.7	88.3	48.1	18.2	93.5	367	146	263
Deerfield township, Lapeer County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Deerfield township, Livingston County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Delhi township	79	46.8	—	68.4	92.4	100.0	100.0	70.9	86.1	13.9	46.8	91.1	325	—	292
Delta township	328	72.0	1.5	60.1	89.9	89.9	93.6	66.5	97.6	43.6	49.4	97.3	764	163	306
Denmark township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Denton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
De Witt township	14	35.7	—	—	64.3	100.0	100.0	—	100.0	100.0	—	100.0	575	—	—
Dexter township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dorr township	23	30.4	21.7	—	—	—	52.2	26.1	100.0	47.8	52.2	100.0	...	...	...
Dryden township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dundee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
East Bay township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
East China township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Easton township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eaton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eaton Rapids township	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Egelston township	45	48.9	15.6	—	—	—	84.4	15.6	93.3	48.9	—	100.0	332	194	...
Elba township, Lapeer County	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Elkland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elmwood township, Leelanau County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emmett township, Calhoun County	15	—	53.3	—	46.7	46.7	100.0	—	100.0	20.0	46.7	53.3	...	...	...
Erie township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Esconabo township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exeter township	94	52.1	6.4	—	5.3	—	89.4	11.7	100.0	78.7	—	100.0	388	238	...
Fabius township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fayette township	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fenton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Flint township	541	32.7	—	75.8	91.9	96.9	98.9	95.9	97.4	19.6	48.1	96.1	622	306	307
Flushing township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forest township, Genesee County	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Forsyth township	125	27.2	—	12.8	100.0	100.0	92.0	4.8	100.0	59.2	60.0	100.0	...	...	242
Fort Gratiot township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Frankenlust township	17	88.2	—	88.2	100.0	88.2	100.0	88.2	100.0	—	76.5	88.2	...	...	334
Fraser township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fremont township, Tuscola County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Frenchtown township	24	100.0	—	100.0	100.0	100.0	100.0	100.0	75.0	—	25.0	100.0	—	—	282
Fruitland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fruitport township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaines township, Genesee County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gaines township, Kent County	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Garfield township, Grand Traverse County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Genesee township	579	14.0	11.1	3.5	80.0	89.8	87.4	20.0	98.4	74.4	11.6	85.5	279	205	261
Genevo township, Van Buren County	145	40.0	22.8	5.5	5.5	5.5	64.8	22.1	96.6	45.5	13.8	94.5	275	133	284
Genoa township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Georgetown township	14	42.9	—	28.6	71.4	71.4	100.0	—	100.0	71.4	28.6	100.0	342	—	...
Grand Blanc township	166	50.6	3.6	36.7	59.0	96.4	100.0	62.7	100.0	57.8	33.7	100.0	521	225	325
Grand Haven township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grand Rapids township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gross Lake township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grattan township	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grayling township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Green township, Mecosta County	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Green Lake township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Green Oak township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grosse Ile township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grosse Pointe township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Groveland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gunplain township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hadley township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hagar township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamburg township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamlin township, Mason County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hampton township	39	100.0	—	74.4	100.0	100.0	100.0	100.0	100.0	10.3	—	100.0	...	...	...
Handy township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hanover township, Jackson County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Haring township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Harrison township	148	37.8	22.3	76.4	95.9	95.9	95.9	51.4	95.9	15.5	45.9	100.0	—	—	278
Hartford township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hartland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hastings township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hayes township, Clare County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 56a. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Percent with—														
	Total	Year structure built		Source of water by public system or private company			Householder moved into unit 1979 to March 1980		With mortgage	Not mortgaged					
	1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	1 or more vehicles available						
Hennietta township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Highland township, Oakland County	—	—	—	—	—	—	—	—	—	—	—	—	—		
Holland township, Ottawa County	6	—	—	—	—	—	—	—	—	—	—	—	—		
Holly township	54	—	—	—	—	—	—	—	—	—	—	—	—		
Home township, Montcalm County	6	—	—	—	—	—	—	—	—	—	—	—	—		
Homer township, Colhoun County	—	—	—	—	—	—	—	—	—	—	—	—	—		
Homer township, Midland County	—	—	—	—	—	—	—	—	—	—	—	—	—		
Hope township, Barry County	—	—	—	—	—	—	—	—	—	—	—	—	—		
Howard township	142	—	—	—	—	—	—	—	—	—	363	157	—		
Hawell township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Huron township, Wayne County	7	—	—	—	—	—	—	—	—	—	—	—	—		
Ida township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Independence township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Indianfields township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Ingersoll township	7	—	—	—	—	—	—	—	—	—	—	—	—		
Ionia township	2	—	—	—	—	—	—	—	—	—	—	—	—		
Ira township	6	—	—	—	—	—	—	—	—	—	—	—	—		
Ishpeming township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Jamestown township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Jefferson township, Hillsdale County	—	—	—	—	—	—	—	—	—	—	—	—	—		
Jerome township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Johnstown township	—	—	—	—	—	—	—	—	—	—	—	—	—		
Kalamazoo township	459	30.7	17.9	35.9	96.3	49.2	94.1	53.6	100.0	50.3	34.2	95.6	388	211	288
Kalkaska township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kawkawlin township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Keeler township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kimball township	38	15.8	39.5	—	—	50.0	—	—	86.8	47.4	39.5	100.0	—	—	—
Kochville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
La Grange township	277	—	—	—	—	—	—	—	—	—	—	—	275	171	—
Laketon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Laketown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
L'Anse township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lansing township	182	35.2	15.4	42.3	96.2	100.0	90.7	63.2	100.0	34.1	36.3	86.8	457	—	305
Lapeer township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Larkin township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
La Salle township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lawrence township	88	33.0	25.0	13.6	18.2	18.2	58.0	4.5	94.3	75.0	11.4	90.9	—	—	186
Lee township, Midland County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Leighton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lenox township	210	21.0	19.0	2.9	87.1	82.4	83.8	15.7	97.6	68.1	11.9	87.6	313	169	266
Leoni township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Le Roy township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Leroy township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lexington township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lima township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lincoln township, Berrien County	29	55.2	—	20.7	55.2	55.2	100.0	100.0	100.0	44.8	34.5	100.0	225	225	360
Lockport township	109	25.7	5.5	2.8	6.4	6.4	83.5	17.4	100.0	66.1	8.3	87.2	295	166	—
Lodi township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landon township	170	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Long Lake township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	299
Lowell township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lyon township, Oakland County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lyans township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
McMillan township, Luce County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Macomb township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Madison township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mancelono township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manchester township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manistee township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Maple Grove township, Saginaw County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marathon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marion township, Livingston County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marlette township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marquette township, Marquette County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marshall township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mayfield township, Lapeer County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mendon township	13	30.8	30.8	—	15.4	—	84.6	—	100.0	—	15.4	53.8	—	—	—
Menominee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meridian township	267	59.2	—	75.3	100.0	100.0	95.9	82.0	95.1	26.6	56.2	90.3	625	—	301
Metamora township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Millford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Millington township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mills township, Ogemaw County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Monitor township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Monroe township, Monroe County	34	82.4	—	58.8	100.0	100.0	100.0	50.0	100.0	17.6	17.6	76.5	—	—	128
Montcalm township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Montrose township	36	50.0	—	—	—	—	100.0	33.3	100.0	100.0	—	100.0	575	250	—
Mount Morris township	1 942	14.1	0.4	6.6	90.4	97.3	92.6	17.6	99.7	81.6	20.5	86.2	329	193	280
Mundy township	67	80.6	—	91.0	91.0	100.0	100.0	91.0	100.0	9.0	26.9	100.0	—	—	325
Muskegon township	136	14.0	8.8	3.7	12.5	9.6	91.2	6.6	97.1	46.3	22.8	95.6	353	161	—
Mussey township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Napoleon township	29	20.7	—	—	—	—	100.0	17.2	100.0	100.0	—	100.0	350	250	—
Nelson township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Buffalo Township	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Niles township	91	39.6	—	16.5	38.5	78.0	72.5	26.4	95.6	63.7	30.8	93.4	325	140	—
North Branch township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 56a. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	Percent with—													
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
1970 to March 1980	1939 or earlier													
Northfield township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Northville township	17	41.2	58.8	—	100.0	70.6	100.0	70.6	100.0	58.8	—	100.0	—	—
Northway township, St. Joseph County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oakfield township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Oakland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ocealo township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Odessa township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oneida township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ontonagon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ontwa township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Orangeville township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Oregon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Orion township	35	100.0	—	68.6	100.0	100.0	100.0	100.0	100.0	31.4	68.6	100.0	675	—
Oronoko township	289	54.7	7.6	54.3	90.3	67.8	89.3	35.6	94.1	24.6	59.9	87.9	431	189
Oscoda township	157	11.5	1.3	30.6	89.8	79.6	93.0	13.4	100.0	91.7	65.6	94.3	334	221
Oshkemo township	337	71.2	2.1	72.4	82.8	78.3	99.1	86.1	100.0	21.1	57.6	86.9	...	232
Otsego township	10	—	50.0	—	—	—	—	—	—	—	—	—	275	—
Ovid township, Clinton County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Owosso township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oxford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Park township, Ottawa County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Park township, St. Joseph County	50	34.0	40.0	—	—	—	84.0	16.0	78.0	78.0	—	100.0	294	183
Parma township	19	...	...	...	...	...	...	...	...	...	...	...	279	...
Pavilion township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Paw Paw township	41	19.5	36.6	14.6	14.6	14.6	100.0	—	100.0	51.2	34.1	85.4	625	88
Peninsula township	—	—	—	—	—	—	—	—	—	—	—	—	—	185
Pennfield township	70	34.3	11.4	55.7	62.9	62.9	100.0	55.7	100.0	44.3	47.1	100.0	704	225
Perry township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Pinconning township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Pittsfield township	562	61.7	1.2	84.9	98.6	97.3	96.1	89.1	98.2	18.0	57.7	95.7	666	163
Plainfield township, Iosco County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Plainfield township, Kent County	46	78.3	—	39.1	89.1	89.1	100.0	69.6	100.0	50.0	56.5	89.1	...	238
Plymouth township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Pontiac township	292	52.7	—	56.8	100.0	100.0	97.6	63.0	100.0	33.9	34.6	97.6	490	321
Portage township, Houghton County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Porter township, Cass County	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Port Huron township	133	4.5	39.1	—	94.7	18.8	51.9	16.5	88.0	43.6	9.0	78.9	236	164
Portsmouth township	5	...	...	...	...	...	...	...	...	...	...	...	...	304
Prairieville township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Putnam township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Quincy township, Branch County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Raisin township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Raisinville township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Ray township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Redford township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Richfield township, Genesee County	67	28.4	—	—	—	—	100.0	20.9	100.0	92.5	—	92.5	439	234
Richfield township, Roscommon County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Richland township, Kalamazoo County	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Richland township, Saginaw County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rives township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Robinson township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rollin township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Roscommon township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rose township, Oakland County	36	38.9	—	—	—	—	100.0	—	100.0	83.3	58.3	100.0	296	...
Ross township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Royal Oak township	1 150	22.2	12.5	25.2	100.0	99.6	92.4	25.2	98.3	49.7	6.3	62.4	306	170
Royalton township	13	...	...	...	...	...	...	...	...	...	...	...	...	214
Saginaw township	330	83.6	—	71.2	100.0	94.8	100.0	90.9	100.0	14.8	46.4	94.2	563	310
St. Charles township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
St. Clair township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
St. Joseph township	83	—	—	—	92.8	100.0	100.0	51.8	100.0	92.8	22.9	100.0	464	188
Salem township, Washtenaw County	12	...	...	...	...	...	...	...	...	...	...	...	...	...
Sandstone township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Saugatuck township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Schoolcraft township, Kalamazoo County	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Scio township	26	76.9	—	—	23.1	23.1	73.1	26.9	100.0	100.0	—	100.0	675	...
Sebewaing township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Shelby township, Macomb County	40	100.0	—	55.0	100.0	75.0	100.0	100.0	100.0	42.5	27.5	100.0	...	371
Shelby township, Oceano County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Sherman township, St. Joseph County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Shiawassee township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Silver Creek township	24	...	...	...	...	...	...	...	...	...	...	...	138	162
Solan township, Kent County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Somerset township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Southfield township	17	17.6	—	—	52.9	100.0	100.0	100.0	100.0	100.0	47.1	100.0	1000+	...
South Haven township	189	32.3	13.8	4.2	16.4	16.4	83.1	11.6	100.0	54.0	21.7	88.4	386	160
Sparta township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Spaulding township	76	28.9	10.5	—	94.7	—	92.1	31.6	100.0	76.3	23.7	100.0	491	113
Spring Arbor township	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Springfield township, Oakland County	10	70.0	—	—	—	—	100.0	—	100.0	100.0	—	100.0	275	350
Spring Lake township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Stockbridge township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Summerfield township, Monroe County	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Summit township, Jackson County	180	29.4	12.8	5.6	71.7	68.3	96.1	50.0	96.7	50.6	21.1	100.0	451	162
Sumpter township	520	23.7	13.8	4.6	69.6	10.4	73.8	11.5	96.3	69.4	15.6	93.8	470	173
Superior township, Washtenaw County	578	29.6	1.4	21.8	100.0	98.1	96.9	24.0	100.0	62.3	21.3	86.7	380	275

Table 56a. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Surrey township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Swan Creek township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Syhan township, Washtenaw County.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tollmodge township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Toymouth township.....	13	46.2	—	—	—	—	—	46.2	53.8	46.2	53.8	—	113	—	
Texas township.....	14	42.9	—	—	42.9	100.0	42.9	100.0	100.0	42.9	100.0	394	—	—	
Theford township.....	50	64.0	—	52.0	52.0	62.0	86.0	52.0	100.0	34.0	18.0	908	350	256	
Thomas township.....	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Thornapple township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Three Oaks township.....	10	...	...	...	...	...	...	...	...	...	...	...	...	...
Tittabawassee township.....	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Tyrone township, Kent County.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tyrone township, Livingston County.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unadilla township.....	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Union township, Branch County.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Union township, Isabella County.....	16	50.0	50.0	50.0	50.0	50.0	100.0	—	50.0	—	50.0	50.0	—	215	
Van Buren township.....	254	73.6	—	70.9	100.0	100.0	100.0	96.1	100.0	15.7	33.1	94.1	592	381	
Vassar township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Venice township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Vernon township, Shiawassee County.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Vevay township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Vienna township, Genesee County.....	11	54.5	—	—	—	45.5	100.0	45.5	100.0	—	—	100.0	...	...
Washington township, Macomb County.....	16	43.8	31.3	43.8	100.0	100.0	75.0	43.8	100.0	56.3	—	75.0	...	...
Waterford township.....	140	85.7	—	74.3	100.0	100.0	75.7	72.1	100.0	9.3	70.0	100.0	596	304	
Watertown township, Clinton County.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Watervliet township.....	16	50.0	—	50.0	50.0	50.0	50.0	50.0	100.0	50.0	—	100.0	...	...
Wayne township.....	22	—	22.7	—	—	—	72.7	27.3	100.0	77.3	—	77.3	725	...	
Webster township.....	11	...	...	...	...	...	...	...	...	...	...	...	...	...
Wells township, Delta County.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
West Bloomfield township.....	101	63.4	—	—	82.2	69.3	100.0	64.4	100.0	94.1	31.7	100.0	785	500+	
Wheeler township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Whiteford township.....	56	—	14.3	—	—	—	33.9	—	100.0	44.6	16.1	89.3	...	175	
White Lake township.....	6	...	...	...	...	...	...	...	...	...	...	...	...	...
White Pigeon township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Williams township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Williamston township.....	10	...	...	...	...	...	...	...	...	...	...	...	...	...
Windsor township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Woodhull township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Woodstock township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worth township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wright township, Ottawa County.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
York township.....	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Ypsilanti township.....	1 979	46.5	0.9	42.9	99.2	98.2	95.3	58.9	97.4	49.7	32.9	90.9	396	206	
Zeeland township.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table 57. **Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 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]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

	Occupied housing units												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air con- ditioning	1 or more complete bath- rooms	3 or more bed- rooms	House- holder moved into unit 1979 to March 1980	1 or more vehicles available	With a mort- gage	Not mort- gaged	
	1970 to March 1980	1939 or earlier													
The State	13 283	19.3	35.2	11.9	71.1	69.6	83.1	22.1	96.0	49.9	29.4	84.5	334	141	235
URBAN AND RURAL AND SIZE OF PLACE															
Urban	8 941	13.5	39.3	16.0	92.8	93.1	89.6	27.8	97.0	48.4	31.4	81.2	333	151	238
Inside urbanized areas	7 332	13.5	34.6	16.5	92.1	93.0	90.8	31.8	97.2	48.2	29.7	82.2	337	158	245
Central cities	3 311	6.1	52.9	17.0	99.9	98.8	88.5	23.8	96.2	42.9	31.9	71.9	302	156	213
Urban fringe	4 021	19.7	19.5	16.2	85.7	88.3	92.6	38.4	98.0	52.6	28.0	90.6	356	161	279
Outside urbanized areas	1 609	13.5	60.7	13.7	95.6	93.7	84.3	9.5	96.1	49.0	39.2	76.6	296	123	208
Places of 10,000 or more	676	9.8	63.0	15.7	100.0	100.0	86.7	7.8	98.5	45.6	41.6	69.7	311	115	192
Places of 2,500 to 10,000	933	16.2	58.9	12.3	92.5	89.1	82.6	10.7	94.3	51.4	37.4	81.7	290	131	215
Rural	4 342	31.2	26.8	3.3	26.6	21.2	69.7	10.5	94.1	53.2	25.2	91.3	336	122	228
Places of 1,000 to 2,500	457	23.4	33.9	11.6	80.7	83.4	75.5	11.4	97.2	47.3	32.8	85.8	317	150	220
Other rural	3 885	32.1	26.0	2.3	20.2	13.9	69.0	10.4	93.7	53.8	24.3	91.9	339	120	230
Farm	68	22.1	66.2	—	2.9	8.8	69.1	11.8	97.1	67.6	22.1	95.6	—	—	221
INSIDE AND OUTSIDE SMSA'S															
Inside SMSA's	9 470	17.1	33.1	14.1	80.1	80.8	89.2	28.9	97.4	49.9	29.0	84.6	342	155	246
Urban	7 781	13.7	35.3	16.5	91.7	93.0	90.8	31.1	97.1	48.2	30.8	82.4	337	157	246
Central cities	3 366	6.5	50.7	17.7	98.5	96.9	88.3	24.3	96.3	43.2	32.1	72.6	305	156	214
Not in central cities	4 415	19.3	23.5	15.5	86.5	90.0	92.7	36.3	97.7	52.0	29.7	89.9	356	158	278
Rural	1 689	32.4	22.8	3.0	26.5	24.5	81.9	18.9	98.6	58.0	21.0	94.5	370	143	251
Outside SMSA's	3 813	24.9	40.6	6.4	48.9	41.9	67.8	5.2	92.7	49.9	30.3	84.3	289	117	207
Urban	1 160	12.2	66.3	13.2	99.8	94.1	81.5	5.5	96.2	49.7	35.9	73.0	275	125	193
Rural	2 653	30.5	29.4	3.5	26.6	19.1	61.9	5.1	91.2	50.1	27.9	89.2	296	113	220
SCSA'S															
Detroit—Ann Arbor, Mich.	5 033	16.7	30.6	17.1	89.7	88.5	92.5	34.8	97.7	50.5	26.9	84.7	363	163	254
Urban	4 545	13.3	32.1	18.2	95.5	94.9	93.0	36.3	97.6	49.1	26.8	83.7	357	163	252
Rural	488	47.7	16.6	6.8	35.9	29.1	87.9	20.9	98.8	62.9	27.3	93.2	435	148	292
SMSA'S															
Ann Arbor, Mich.	294	24.5	13.9	31.6	83.3	86.4	96.9	33.3	95.6	46.3	47.3	89.8	445	188	284
Urban	258	23.6	15.1	36.0	95.0	95.0	96.5	32.9	95.0	39.5	50.8	88.4	454	188	283
Rural	36	30.6	5.6	—	—	25.0	100.0	36.1	100.0	94.4	22.2	100.0	438	—	—
Battle Creek, Mich.	284	6.7	44.4	8.8	65.5	60.9	82.7	10.9	92.6	46.1	30.6	84.9	275	125	241
Urban	188	3.2	50.0	13.3	93.6	87.8	89.9	10.6	94.1	47.9	40.4	80.3	269	125	241
Rural	96	13.5	33.3	—	10.4	8.3	68.8	11.5	89.6	42.7	11.5	93.8	315	150	241
Bay City, Mich.	180	17.2	35.6	7.2	80.6	58.3	90.6	22.8	88.3	48.3	13.9	87.8	311	187	183
Urban	97	11.3	47.4	13.4	100.0	76.3	100.0	22.7	84.5	51.5	18.6	83.5	309	170	164
Rural	83	24.1	21.7	—	57.8	37.3	79.5	22.9	92.8	44.6	8.4	92.8	317	257	193
Benton Harbor, Mich.	176	14.2	49.4	7.4	69.9	83.5	68.2	26.7	97.7	47.7	40.9	82.4	327	123	280
Urban	134	14.9	44.0	6.7	76.1	95.5	67.2	26.9	97.0	47.8	38.8	82.1	328	113	284
Rural	42	11.9	66.7	9.5	50.0	45.2	71.4	46.2	100.0	47.6	47.6	83.3	319	169	259
Detroit, Mich.	4 739	16.2	31.6	16.2	90.1	88.6	92.3	34.9	97.8	50.7	25.6	84.3	358	162	250
Urban	4 287	12.7	33.1	17.1	95.5	94.9	92.8	36.5	97.7	49.7	25.4	83.5	354	163	248
Rural	452	49.1	17.5	7.3	38.7	29.4	86.9	19.7	98.7	60.4	27.7	92.7	433	148	290
Flint, Mich.	1 105	16.5	30.0	7.5	67.8	86.5	88.7	25.0	98.0	50.6	22.5	83.3	315	151	260
Urban	931	13.3	30.4	8.9	78.3	97.7	89.2	26.6	97.9	47.8	23.3	80.3	311	149	261
Rural	174	33.3	27.6	—	11.5	26.4	86.2	16.1	98.9	65.5	18.4	98.9	336	158	253
Grand Rapids, Mich.	686	19.2	41.8	13.7	76.5	70.6	82.2	21.7	98.4	44.8	39.1	79.4	312	156	206
Urban	503	14.9	50.7	17.9	96.6	91.3	85.7	22.5	97.8	41.7	46.5	74.4	319	182	204
Rural	183	31.1	17.5	2.2	21.3	13.7	72.7	19.7	100.0	53.0	18.6	93.4	302	121	260
Jackson, Mich.	188	20.2	41.5	6.9	56.9	69.7	97.3	18.1	97.9	51.6	25.0	91.5	327	134	221
Urban	127	11.0	55.9	10.2	78.0	88.2	96.9	15.7	96.9	51.2	32.3	87.4	314	155	220
Rural	61	39.3	11.5	—	13.1	31.1	98.4	23.0	100.0	52.5	9.8	100.0	363	108	225
Kalamazoo—Portage, Mich.	402	20.4	33.1	9.7	61.4	54.0	84.3	22.4	91.8	58.5	36.6	84.1	363	140	202
Urban	230	20.9	43.0	16.1	84.8	76.1	90.9	20.9	85.7	59.1	45.2	80.4	353	130	184
Rural	172	19.8	19.8	1.2	30.2	24.4	75.6	24.4	100.0	57.6	25.0	89.0	422	152	210
Lansing—East Lansing, Mich.	744	22.3	34.1	18.7	80.0	84.5	92.7	25.5	98.7	43.5	46.0	87.8	329	150	252
Urban	605	18.5	36.0	23.0	93.2	97.2	93.4	28.9	98.3	39.3	50.1	85.0	309	163	252
Rural	139	38.8	25.9	—	22.3	29.5	89.9	10.8	100.0	61.9	28.1	100.0	371	72	281
Muskegon—Norton Shores—Muskegon Heights, Mich.	336	11.9	32.7	4.8	46.4	39.6	77.7	6.8	100.0	47.0	13.7	83.9	274	117	250
Urban	216	3.2	36.1	7.4	65.3	55.1	80.6	9.3	100.0	44.0	11.1	78.2	265	124	253
Rural	120	27.5	26.7	—	12.5	11.7	72.5	2.5	100.0	52.5	18.3	94.2	297	111	241
Saginaw, Mich.	246	18.7	37.8	7.3	77.2	70.7	74.4	31.3	97.2	64.6	39.4	85.8	335	150	268
Urban	180	20.0	40.6	10.0	100.0	92.2	68.9	33.3	96.1	63.9	50.0	81.1	335	113	273
Rural	66	15.2	30.3	—	15.2	12.1	89.4	25.8	100.0	66.7	10.6	98.5	338	188	258
Toledo, Ohio—Mich.	595	9.9	52.4	9.4	85.2	84.4	85.0	44.2	96.8	44.4	41.3	79.8	368	143	228
Urban	472	9.1	60.2	10.4	100.0	98.3	88.8	46.0	96.6	42.2	46.0	74.6	341	141	219
Rural	123	13.0	22.8	5.7	28.5	30.9	70.7	37.4	97.6	52.8	23.6	100.0	411	148	285
Michigan (pt.)	90	18.9	30.0	20.0	48.9	48.9	82.2	34.4	100.0	52.2	17.8	91.1	400	148	294
Urban	25	40.0	40.0	44.0	100.0	100.0	100.0	36.0	100.0	28.0	64.0	68.0	275	—	369
Rural	65	10.8	26.2	10.8	29.2	29.2	75.4	33.8	100.0	61.5	—	100.0	425	148	—
Ohio (pt.)	505	8.3	56.4	7.5	91.7	90.7	85.5	45.9	96.2	43.0	45.5	77.8	344	141	219
Urban	447	7.4	61.3	8.5	100.0	98.2	88.1	46.5	96.4	43.0	45.0	74.9	344	141	213
Rural	58	15.5	19.0	—	27.6	32.8	65.5	41.4	94.8	43.1	50.0	100.0	295	—	274
URBANIZED AREAS															
Ann Arbor, Mich.	250	26.4	15.6	37.2	94.8	94.8	96.4	34.0	94.8	38.0	49.2	88.0	425	188	285
Battle Creek, Mich.	130	4.6	46.9	10.0	90.8	82.3	85.4	10.0	91.5	47.7	33.1	82.3			

Table 57. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

PLACES OF 2,500 OR MORE—Con.

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Total	Year structure built		Percent with—							With a mortgage	Not mortgaged			
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms				Householder moved into unit 1979 to March 1980	1 or more vehicles available
Gibraltar city	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Glodstone city	15	...	100.0	...	100.0	100.0	100.0	...	100.0	100.0	...	100.0	225	163	...
Grand Blanc city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Haven city	27	...	74.1	...	100.0	100.0	100.0	...	100.0	22.2	37.0	100.0	...	...	181
Grand Ledge city	13	53.8	46.2	...	100.0	100.0	100.0	...	100.0	53.8	...	53.8	...	...	...
Grand Rapids city	317	5.0	62.5	16.7	100.0	95.9	78.5	11.7	96.5	38.5	41.6	63.4	311	118	193
Grandville city	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Greenville city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosse Pointe city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosse Pointe Farms city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosse Pointe Park city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosse Pointe Shores village	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosse Pointe Woods city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hamtramck city	37	...	48.6	...	100.0	100.0	18.9	51.4	83.8	67.6	...	83.8	...	...	207
Hancock city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Harper Woods city	16	...	...	...	...	...	...	...	...	...	...	...	325	...	...
Hoslett (CDP)	30	23.3	50.0	23.3	23.3	100.0	100.0	50.0	100.0	26.7	73.3	100.0	...	...	329
Hoshtings city	31	...	83.9	16.1	100.0	100.0	100.0	22.6	100.0	48.4	35.5	100.0	98	...	228
Hazel Park city	29	27.6	24.1	...	100.0	100.0	75.9	24.1	100.0	51.7	...	75.9	353	138	...
Highland Park city	14	42.9	57.1	100.0	100.0	100.0	100.0	...	100.0	57.1	42.9	57.1	...	...	...
Hillsdale city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Holland city	16	62.5	...	62.5	100.0	100.0	100.0	...	100.0	...	37.5	37.5	...	...	68
Holly village	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Holt (CDP)	12	...	...	50.0	100.0	100.0	100.0	100.0	100.0	...	50.0	100.0	...	...	288
Houghton city	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Howell city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hudson city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hudsonville city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Huntington Woods city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Inkster city	19	42.1	...	42.1	100.0	100.0	100.0	57.9	100.0	57.9	...	57.9	404	...	...
Ionio city	11	...	100.0	...	100.0	45.5	45.5	...	100.0	100.0	45.5	45.5	275	63	...
Iron Mountain city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ironwood city	11	...	...	...	100.0	...	...	...	100.0	...	...	100.0	...	...	...
Ishpeming city	13	...	100.0	...	100.0	100.0	53.8	...	100.0	53.8	100.0	100.0	...	...	252
Ithaca city	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jackson city	77	14.3	70.1	16.9	100.0	100.0	100.0	14.3	100.0	54.5	37.7	79.2	306	...	220
Jenison (CDP)	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalamazoo city	150	15.3	56.0	19.3	100.0	100.0	89.3	20.7	88.0	53.3	51.3	70.0	241	130	188
Keego Harbor city	42	...	40.5	21.4	78.6	100.0	61.9	21.4	100.0	40.5	38.1	100.0	...	...	265
Kentwood city	42	69.0	14.3	52.4	100.0	100.0	100.0	35.7	100.0	64.3	69.0	83.3	354	188	213
Kingsford city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
K. I. Sawyer AFB (CDP)	22	...	...	...	100.0	100.0	100.0	...	100.0	100.0	36.4	100.0	...	...	201
Lake Fenton (CDP)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lake Orion village	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lake Orion Heights (CDP)	12	50.0	...	...	...	50.0	100.0	50.0	100.0	50.0	50.0	100.0	...	...	...
Lakeview (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lambertville (CDP)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L'Anse village	43	39.5	60.5	48.8	100.0	100.0	79.1	...	72.1	...	67.4	51.2	...	...	88
Lansing city	387	18.1	45.0	13.4	100.0	100.0	92.2	20.4	98.4	37.2	49.4	84.8	287	175	231
Lapeer city	10	...	100.0	...	100.0	100.0	40.0	...	100.0	40.0	40.0	100.0	...	...	...
Lathrup Village city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laurium village	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Level Park—Oak Park (CDP)	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lincoln Park city	52	13.5	...	11.5	100.0	100.0	100.0	63.5	100.0	75.0	11.5	100.0	275	145	408
Livonia city	78	10.3	15.4	5.1	100.0	100.0	100.0	50.0	100.0	48.7	33.3	100.0	385	206	347
Lowell city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ludington city	24	...	100.0	...	100.0	100.0	54.2	...	100.0	75.0	50.0	100.0	307	...	...
Madison Heights city	47	10.6	...	...	100.0	100.0	89.4	38.3	100.0	59.6	14.9	100.0	375	138	...
Manistee city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manistique city	51	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marine City city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Morquette city	62	37.1	50.0	21.0	100.0	100.0	83.9	11.3	100.0	29.0	59.7	90.3	275	225	221
Morsholl city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Morysville city	11	...	54.5	...	100.0	100.0	100.0	...	100.0	45.5	54.5	54.5	425	225	...
Mosan city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Melvindale city	44	...	...	29.5	100.0	100.0	100.0	68.2	100.0	31.8	29.5	100.0	337	...	...
Menominee city	20	...	75.0	35.0	100.0	100.0	65.0	...	100.0	25.0	...	65.0	...	...	151
Michigan Center (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Midland city	15	20.0	40.0	...	100.0	100.0	100.0	...	100.0	60.0	...	60.0	375	63	...
Milan city	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milford village	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monroe city	15	40.0	33.3	66.7	100.0	100.0	100.0	26.7	100.0	33.3	100.0	60.0	...	...	369
Mount Clemens city	27	...	44.4	44.4	100.0	100.0	100.0	...	100.0	29.6	70.4	100.0	...	...	234
Mount Morris city	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Pleasant city	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Munising city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muskegon city	54	...	83.3	16.7	100.0	100.0	100.0	16.7	100.0	44.4	...	57.4	241	119	148
Muskegon Heights city	32	...	53.1	...	100.0	100.0	100.0	...	100.0	34.4	15.6	81.3	212	138	...
Nagounee city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Baltimore city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Buffalo city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Niles city	34	41.2	58.8	...	100.0	100.0	67.6	...	100.0	64.7	14.7	55.9	325	113	304
North Muskegon city	17	...	...	...	41.2	41.2	100.0	...	100.0	41.2	...	100.0	425	...	...
Northview (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northville city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Norton Shores city	47	...	23.4	...	57.4	23.4	46.8	8.5	100.0	42.6	12.8	87.2	303	...	244
Norway city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Novi city	27	77.8	14.8	18.5	77.8	77.8	100.0	48.1	100.0	77.8	25.9	100.0	625	...	...

Table 57. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

PLACES OF 2,500 OR MORE—Con.

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available		With a mortgage	Not mortgaged
Oak Park city	33	—	—										—		
Okemos (CDP)	11	—	—	54.5	100.0	100.0	100.0	100.0	100.0	100.0	54.5	100.0	...	...	...
Otsego city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Owosso city	27	18.5	55.6	—	100.0	100.0	74.1	51.9	100.0	55.6	29.6	70.4	375	138	...
Oxford village	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Patterson Gardens (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Paw Paw village	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paw Paw Lake (CDP)	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pearl Beach (CDP)	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Petoskey city	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plainwell city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Pleasant Ridge city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Plymouth city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Pontiac city	189	10.1	44.4	22.2	96.3	100.0	89.9	16.9	96.8	51.3	24.9	83.6	325	177	257
Portage city	42	45.2	—	—	31.0	14.3	100.0	28.6	100.0	100.0	16.7	100.0	379	163	—
Port Huron city	83	9.6	68.7	9.6	100.0	91.6	84.3	—	100.0	43.4	16.9	75.9	322	—	109
Portland city	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Richmond city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
River Rouge city	45	—	100.0	—	100.0	100.0	100.0	44.4	100.0	31.1	55.6	100.0	239	—	210
Riverview city	12	58.3	—	—	100.0	100.0	100.0	100.0	100.0	100.0	—	100.0	814	—	—
Rochester city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Rackford city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rackwood city	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rogers City city	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Romeo village	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Romulus city	46	60.9	17.4	8.7	100.0	100.0	91.3	13.0	100.0	37.0	56.5	91.3	...	...	244
Roosevelt Park city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Roseville city	51	...	11.8	—	100.0	100.0	100.0	49.0	100.0	70.6	—	80.4	371	—	...
Royal Oak city	63	11.1	19.0	50.8	100.0	100.0	100.0	39.7	87.3	41.3	49.2	65.1	400	—	242
Saginaw city	125	11.2	52.0	9.6	100.0	94.4	61.6	20.8	94.4	70.4	49.6	77.6	333	—	246
St. Clair city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Clair Shores city	50	10.0	22.0	—	100.0	100.0	100.0	46.0	100.0	88.0	—	100.0	450	—	—
St. Ignace city	86	26.7	66.3	—	100.0	73.3	69.8	—	93.0	48.8	48.8	55.8	213	138	184
St. Johns city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
St. Joseph city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
St. Louis city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Saline city	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Ste. Marie city	354	...	...	...	...	...	...	...	...	...	...	...	284	112	...
Southfield city	49	10.2	—	16.3	83.7	83.7	100.0	65.3	100.0	67.3	—	100.0	...	...	...
Southgate city	37	—	—	13.5	100.0	83.8	100.0	83.8	100.0	75.7	10.8	86.5	291	—	...
South Haven city	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Lyon city	12	41.7	58.3	100.0	100.0	100.0	100.0	41.7	100.0	58.3	100.0	100.0	...	...	...
South Monroe (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sparta village	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Springfield city	12	—	—	58.3	100.0	58.3	100.0	—	100.0	58.3	58.3	100.0	...	...	...
Springfield Place (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spring Lake village	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Sterling Heights city	29	62.1	24.1	—	100.0	82.8	75.9	27.6	100.0	48.3	17.2	72.4	...	...	...
Sturgis city	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Swartz Creek city	16	—	31.3	—	100.0	100.0	100.0	43.8	100.0	100.0	31.3	100.0	339	—	...
Taylor city	103	17.5	12.6	10.7	100.0	93.2	100.0	22.3	100.0	70.9	16.5	93.2	364	182	275
Tecumseh city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Three Rivers city	12	—	50.0	—	100.0	100.0	50.0	—	100.0	100.0	—	100.0	...	...	...
Traverse City city	49	—	73.5	14.3	100.0	100.0	100.0	14.3	100.0	38.8	34.7	75.5	...	...	...
Trenton city	31	—	64.5	—	100.0	100.0	83.9	51.6	100.0	58.1	—	100.0	307	350	255
Troy city	14	35.7	—	—	100.0	35.7	100.0	—	100.0	100.0	—	100.0	...	...	...
Utica city	18	—	72.2	—	100.0	100.0	100.0	27.8	100.0	—	61.1	100.0	...	...	450
Vandercook Lake (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vassar city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wakefield city	15	—	100.0	46.7	100.0	100.0	100.0	—	100.0	53.3	—	100.0	...	...	...
Walker city	13	38.5	—	—	38.5	38.5	100.0	100.0	100.0	100.0	38.5	100.0	...	...	...
Walled Lake city	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warren city	170	10.0	22.9	23.5	100.0	100.0	86.5	52.9	100.0	32.4	18.8	90.6	328	188	283
Waterford (CDP)	103	21.4	21.4	17.5	61.2	47.6	100.0	62.1	100.0	53.4	18.4	100.0	368	148	254
Wayne city	65	21.5	—	12.3	100.0	100.0	100.0	43.1	87.7	36.9	46.2	92.3	397	163	273
Westland city	147	10.9	10.2	23.8	100.0	100.0	100.0	44.2	100.0	46.9	19.7	95.9	349	—	...
Westwood (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Whitehall city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
White Lake—Seven Harbors (CDP)	13	—	53.8	—	—	—	100.0	—	100.0	53.8	46.2	100.0	...	...	...
Whitmore Lake (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Williamston city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Wixom city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wolf Lake (CDP)	19	—	—	—	42.1	42.1	100.0	—	100.0	57.9	68.4	100.0	...	...	270
Wolverine Lake village	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Woodhaven city	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...
Wurtsmith AFB (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wyandotte city	64	9.4	62.5	12.5	100.0	100.0	90.6	—	87.5	56.3	45.3	57.8	394	163	267
Wyoming city	37	—	35.1	—	100.0	78.4	100.0	29.7	100.0	29.7	56.8	100.0	275	113	256
Ypsilanti city	47	—	48.9	48.9	100.0	100.0	100.0	23.4	100.0	31.9	61.7	80.9	425	138	298
Zeeland city	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
COUNTIES															
Alcona	13	30.8	30.8	—	—	—	38.5	—	69.2	15.4	84.6	475	113	—	—
Alger	45	40.0	40.0	17.8	35.6	24.4	60.0	—	88.9	53.3	35.6	86.7	282	179	174
Allegan	127	29.1	36.2	7.9	15.7	12.6	65.4	15.7	91.3	52.0	30.7	84.3	240	112	187
Alpena	13	15.4	69.2	15.4	69.2	69.2	84.6	—	100.0	84.6	69.2	84.6	...	...	241
Antrim	31	38.7	25.8	—	22.6	6.5	61.3	—	80.6	41.9	29.0	83.9	50	258	217
Arenac	14	71.4	—	—	—	—	57.1	—	85.7	28.6	42.9	85.7	...	...	...

Table 57. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath- rooms	3 or more bed- rooms	House- holder moved into unit 1979 to March 1980	1 or more vehicles available	With a mort- gage		Not mar- gaged
1970 to March 1980	1939 or earlier														
COUNTIES—Con.															
Baraga	207	51.7	34.8	23.2	70.5	63.8	64.7	9.2	88.4	30.9	31.9	82.6	...	...	144
Barry	82	8.5	56.1	6.1	45.1	42.7	70.7	18.3	87.8	41.5	26.8	92.7	268	150	225
Bay	180	17.2	35.6	7.2	80.6	58.3	90.6	22.8	88.3	48.3	13.9	87.8	311	187	183
Benzie	49	32.7	22.4	—	24.5	22.4	67.3	—	93.9	61.2	22.4	93.9	313	92	237
Berrien	176	14.2	49.4	7.4	69.9	83.5	68.2	26.7	97.7	47.7	40.9	82.4	327	123	280
Branch	33	6.1	66.7	—	63.6	45.5	87.9	—	100.0	48.5	36.4	100.0	364	162	288
Calhoun	202	5.9	39.6	9.9	73.8	68.3	87.6	7.9	94.6	48.0	32.2	81.7	277	125	254
Cass	115	24.3	26.1	12.2	21.7	21.7	67.0	24.3	90.4	50.4	32.2	89.6	256	102	250
Charlevoix	91	17.6	70.3	1.1	64.8	57.1	83.5	—	94.5	64.8	15.4	85.7	273	128	217
Cheboygan	50	18.0	42.0	—	42.0	22.0	64.0	—	88.0	68.0	30.0	82.0	225	188	247
Chippewa	656	15.4	47.4	10.4	66.5	56.6	69.7	4.0	93.3	50.8	32.3	73.9	321	111	176
Clare	57	33.3	22.8	5.3	38.6	38.6	82.5	14.0	98.2	29.8	42.1	100.0	225	212	...
Clinton	53	18.9	18.9	—	26.4	56.6	100.0	32.1	100.0	58.5	47.2	100.0	438	225	281
Crowford	32	71.9	3.1	—	—	—	90.6	—	100.0	96.9	15.6	90.6	375	163	...
Delta	141	22.0	61.0	0.7	41.1	29.8	65.2	—	97.2	61.7	22.7	92.9	315	157	213
Dickinson	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eaton	94	44.7	27.7	30.9	73.4	77.7	88.3	37.2	95.7	53.2	33.0	78.7	413	113	273
Emmet	142	19.0	43.7	—	51.4	52.8	71.1	—	82.4	47.9	25.4	82.4	263	110	250
Genesee	986	14.5	28.6	8.1	69.5	90.0	89.7	25.7	98.0	49.8	22.0	83.1	316	153	261
Gladwin	34	38.2	14.7	—	11.8	—	70.6	17.6	91.2	26.5	35.3	91.2	229	112	...
Gogebic	83	25.3	51.8	8.4	88.0	69.9	90.4	—	89.2	42.2	2.4	100.0	169	134	143
Grand Traverse	113	24.8	55.8	14.2	51.3	45.1	90.3	6.2	93.8	56.6	37.2	76.1	244	177	246
Graziat	53	20.8	66.0	13.2	75.5	75.5	62.3	20.8	100.0	26.4	20.8	79.2	465	88	191
Hillsdale	30	6.7	56.7	—	36.7	36.7	86.7	13.3	93.3	26.7	6.7	100.0	—	146	...
Houghton	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Huron	29	6.9	27.6	6.9	86.2	62.1	75.9	—	89.7	31.0	37.9	82.8	358	119	238
Ingham	541	17.9	35.3	20.3	89.5	92.6	95.4	22.9	98.9	37.9	50.5	88.0	299	175	249
Ionia	56	30.4	48.2	—	50.0	44.6	67.9	25.0	100.0	67.9	23.2	89.3	322	63	219
Iosco	45	20.0	33.3	—	24.4	13.3	57.8	4.4	73.3	42.2	31.1	77.8	263	54	191
Iron	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Isabella	133	32.3	24.1	—	40.6	33.1	76.7	3.0	94.0	48.1	26.3	87.2	350	93	176
Jackson	188	20.2	41.5	6.9	56.9	69.7	97.3	18.1	97.9	51.6	25.0	91.5	327	134	221
Kalamazoo	244	19.7	36.1	11.9	76.2	63.9	90.2	22.1	92.6	63.5	41.8	81.6	371	130	195
Kalkaska	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kent	560	20.0	43.0	16.1	81.3	77.3	84.1	26.3	98.0	48.9	40.5	77.0	353	176	203
Keweenaw	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lake	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lapeer	65	33.8	61.5	—	27.7	27.7	69.2	—	100.0	67.7	35.4	87.7	330	138	177
Leelanau	69	27.5	31.9	—	—	—	39.1	2.9	81.2	24.6	36.2	75.4	...	...	...
Lenawee	55	10.9	56.4	—	80.0	65.5	92.7	25.5	100.0	49.1	23.6	100.0	364	—	219
Livingston	138	37.0	6.5	10.9	40.6	31.2	96.4	27.5	100.0	70.3	21.7	94.9	377	—	286
Luce	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mackinac	249	28.9	40.2	1.6	51.0	30.9	61.8	—	93.2	55.0	30.9	72.3	257	112	204
Macomb	611	22.4	20.0	17.0	97.2	94.3	94.6	39.0	99.0	50.1	24.9	92.0	376	198	284
Manistee	45	15.6	48.9	—	17.8	17.8	40.0	4.4	84.4	66.7	28.9	93.3	278	225	190
Marquette	170	26.5	42.4	11.8	79.4	77.6	80.0	5.3	97.6	54.1	47.6	87.1	294	197	214
Mason	40	12.5	67.5	—	65.0	65.0	55.0	5.0	95.0	67.5	35.0	100.0	275	129	...
Mecosta	49	24.5	26.5	—	22.4	22.4	73.5	6.1	100.0	55.1	38.8	87.8	230	225	254
Memphisee	78	25.6	38.5	9.0	28.2	34.6	51.3	—	92.3	46.2	30.8	76.9	...	...	156
Midland	77	28.6	10.4	—	35.1	19.5	68.8	16.9	94.8	62.3	22.1	89.6	375	107	262
Missaukee	10	—	80.0	—	20.0	—	70.0	—	60.0	40.0	50.0	70.0	...	...	...
Monroe	90	18.9	30.0	20.0	48.9	48.9	82.2	34.4	100.0	52.2	17.8	91.1	400	148	294
Montcalm	50	30.0	32.0	4.0	28.0	28.0	68.0	4.0	90.0	44.0	52.0	92.0	242	119	219
Montmorency	19	...	...	...	...	...	...	...	...	...	...	...	...	...	135
Muskegon	285	6.7	31.2	5.6	51.2	43.2	76.1	8.1	100.0	43.9	12.6	83.5	277	120	249
Newaygo	60	26.7	36.7	—	10.0	10.0	50.0	3.3	93.3	51.7	20.0	88.3	200	152	238
Oakland	1 075	25.1	21.1	14.5	73.6	74.6	90.2	34.5	96.7	56.3	26.3	90.3	390	157	281
Oceana	51	41.2	41.2	—	19.6	19.6	86.3	—	100.0	64.7	19.6	86.3	266	92	258
Ogemaw	15	60.0	6.7	—	—	—	20.0	40.0	—	100.0	46.7	—	80.0	250	106
Ontonagon	15	13.3	53.3	—	93.3	73.3	46.7	—	100.0	66.7	13.3	100.0	275	128	...
Osceola	21	38.1	52.4	23.8	66.7	66.7	57.1	—	81.0	19.0	42.9	90.5	...	...	...
Oscoda	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Otsego	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ottawa	126	15.9	36.5	3.2	55.6	40.5	73.8	1.6	100.0	26.2	32.5	90.5	240	153	256
Presque Isle	18	—	22.2	—	77.8	50.0	66.7	50.0	100.0	16.7	100.0	100.0	225	—	...
Roscommon	13	23.1	—	—	—	—	84.6	38.5	—	38.5	61.5	100.0	...	...	...
Saginaw	246	18.7	37.8	7.3	77.2	70.7	74.4	31.3	97.2	64.6	39.4	85.8	335	150	268
St. Clair	166	18.7	47.0	9.0	78.9	74.7	84.3	3.0	100.0	46.4	27.7	80.7	352	198	329
St. Joseph	47	14.9	46.8	—	57.4	57.4	66.0	—	93.6	53.2	44.7	87.2	256	115	269
Sanilac	37	18.9	37.8	5.4	21.6	21.6	59.5	10.8	94.6	56.8	27.0	83.8	325	163	259
Schaalcraft	119	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shiawassee	119	32.8	41.2	2.5	53.8	58.0	80.7	19.3	98.3	57.1	26.9	84.9	310	141	238
Tuscola	54	20.4	37.0	—	22.2	20.4	70.4	1.9	100.0	59.3	27.8	90.7	375	—	221
Van Buren	158	21.5	28.5	6.3	38.6	38.6	75.3	22.8	90.5	50.6	28.5	88.0	325	152	202
Washtenaw	294	24.5	13.9	31.6	83.3	86.4	96.9	33.3	95.6	46.3	47.3	89.8	445	188	284
Wayne	2 684	9.5	38.1	17.8	99.9	98.3	93.4	37.3	97.7	47.5	25.3	79.8	339	162	232
Wexford	11	—	—	—	—	—	36.4	—	100.0	63.6	54.5	100.0	...	...	...

Table 57a. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 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]

Towns/Townships of 2,500 or More

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Total	Year structure built		Percent with—								With a mortgage	Not mortgaged		
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980				1 or more vehicles available
Acme township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ada township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Addison township	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Adrian township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alaiedan township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alama township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Albee township	19	...	...	...	...	...	...	...	...	...	...	...	475	...	...
Algoma township	15	46.7	53.3	...	46.7	46.7	100.0	...	100.0	53.3	...	100.0	...	...	...
Allegan township	13	...	100.0	...	...	...	46.2	...	100.0	100.0	...	100.0	...	...	...
Allendale township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Almena township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Almer township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Almont township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alpena township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alpine township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ann Arbor township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Antwerp township	13	53.8	15.4	...	15.4	...	30.8	53.8	100.0	53.8	...	100.0	...	...	...
Arbela township	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Argentine township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Armada township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ash township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atlas township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Attica township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Augusta township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Avon township	25	44.0	16.0	24.0	68.0	68.0	100.0	68.0	100.0	32.0	44.0	100.0	...	...	296
Bagley township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bainbridge township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bangor township, Bay County	36	30.6	30.6	16.7	100.0	30.6	83.3	16.7	100.0	44.4	13.9	69.4	...	...	...
Baraga township	85	...	...	...	...	...	...	...	...	...	...	...	...	...	148
Barada township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barry township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bath township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Battle Creek township	19	...	26.3	...	63.2	63.2	100.0	...	100.0	26.3	...	73.7	...	...	263
Bear Creek township	16	...	...	...	62.5	62.5	100.0	...	100.0	...	...	100.0	...	...	263
Beaver township, Bay County	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bedford township, Calhoun County	12	...	...	...	...	...	100.0	...	100.0	66.7	...	100.0	...	...	...
Bedford township, Monroe County	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellevue township	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bennington township	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benton township, Berrien County	24	...	54.2	...	75.0	75.0	100.0	...	100.0	29.2	29.2	100.0	...	...	...
Berlin township, Ionia County	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Berlin township, Monroe County	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Berrien township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Birch Run township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blackman township	17	...	...	...	...	...	...	...	...	...	...	...	275	163	...
Blair township	16	56.3	43.8	...	...	...	100.0	...	100.0	100.0	...	100.0	275	138	...
Blendon township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blissfield township	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bloomfield township, Oakland County	21	...	...	...	100.0	76.2	100.0	57.1	100.0	81.0	47.6	100.0	513	...	...
Boston township	16	75.0	25.0	...	...	...	25.0	25.0	100.0	25.0	...	100.0	375	...	...
Brady township, Kalamazoo County	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brandon township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Breitung township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bridgeport township	14	...	57.1	...	100.0	100.0	42.9	42.9	100.0	42.9	57.1	100.0	...	...	...
Brighton township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brownstown township	36	80.6	...	47.2	100.0	100.0	100.0	63.9	100.0	...	50.0	86.1	...	...	288
Bruce township, Macomb County	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buchanan township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buena Vista township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Burns township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Burr Oak township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Burtchville township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Byron township	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Caledonia township, Kent County	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Caledonia township, Shiawassee County	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calumet township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cambridge township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cannan township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canton township	49	93.9	...	18.4	100.0	93.9	100.0	69.4	100.0	30.6	30.6	100.0	600	...	347
Carrallton township	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cascade township	13	46.2	...	...	...	...	100.0	...	100.0	100.0	53.8	100.0	...	...	...
Casco township, Allegan County	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Casca township, St. Clair County	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Castleton township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chesaning township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chesterfield township	45	48.9	6.7	15.6	100.0	84.4	100.0	28.9	100.0	84.4	46.7	100.0	361	...	273
Chikaming township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chippewa township, Isabella County	81	30.9	28.4	...	55.6	39.5	82.7	...	100.0	60.5	18.5	91.4	...	...	...
Chocolay township	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clay township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clayton township, Genesee County	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clinton township, Lenawee County	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clinton township, Macomb County	47	25.5	...	34.0	100.0	87.2	100.0	36.2	100.0	61.7	23.4	87.2	471	...	292
Clyde township, St. Clair County	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coe township	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Caldwater township, Branch County	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 57a. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Total	Year structure built		Percent with—							With a mortgage	Not mortgaged			
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms				Householder moved into unit 1979 to March 1980	1 or more vehicles available
Coloma township	15	—	—	60.0	60.0	100.0	100.0	—	100.0	40.0	100.0	40.0	...	...	...
Colon township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Columbia township, Jackson County	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calumhus township, St. Clair County	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cammerce township	24	100.0	—	—	25.0	—	100.0	45.8	100.0	100.0	—	100.0	410	—	—
Comstock township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Constantine township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cooper township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cottrellville township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Courtland township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Covert township	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Crockery township	10	20.0	—	—	—	—	80.0	20.0	100.0	20.0	80.0	100.0	...	...	...
Dalton township	11	100.0	—	45.5	100.0	100.0	100.0	45.5	100.0	45.5	54.5	100.0	...	...	...
Davison township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Decatur township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Deerfield township, Lapeer County	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Deerfield township, Livingston County	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delhi township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delta township	17	...	...	35.3	70.6	70.6	100.0	70.6	100.0	—	35.3	100.0	...	...	...
Delta township	24	37.5	—	66.7	79.2	79.2	100.0	79.2	100.0	33.3	37.5	58.3	...	...	319
Denmark township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dentan township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oe Witt township	26	38.5	—	—	42.3	76.9	100.0	19.2	100.0	34.6	61.5	100.0	295	—	...
Dexter township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dorr township	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dryden township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oundee township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Boy township	14	50.0	—	50.0	50.0	—	50.0	—	50.0	50.0	50.0	50.0	...	...	...
East China township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Easton township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eaton township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eaton Rapids township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Egelston township	23	—	—	—	34.8	34.8	82.6	—	100.0	47.8	56.5	100.0	275	113	270
Elba township, Lapeer County	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Elkland township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Elmwood township, Leelanau County	12	—	—	—	—	—	100.0	—	100.0	—	100.0	100.0	—	—	238
Emmett township, Calhoun County	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erie township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Esconaba township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Exeter township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fobius township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fayette township	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fenton township	14	...	...	...	14.3	14.3	100.0	...	...	...	14.3	100.0	...	...	...
Flint township	129	8.5	16.3	5.4	24.8	95.3	89.1	19.4	100.0	61.2	12.4	93.8	318	275	314
Flushing township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Forest township, Genesee County	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Forsyth township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fart Gratiot township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Frankenlust township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fraser township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fremont township, Tuscola County	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Frenchtown township	25	20.0	36.0	20.0	44.0	44.0	80.0	56.0	100.0	60.0	—	100.0	...	...	...
Fruitland township	12	—	—	—	—	—	—	—	100.0	—	—	100.0	...	113	...
Fruitport township	32	—	28.1	—	—	—	81.3	—	100.0	65.6	—	81.3	138	112	...
Gaines township, Genesee County	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaines township, Kent County	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Garfield township, Grand Traverse County	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Genesee township	89	19.1	6.7	—	34.8	94.4	93.3	25.8	100.0	37.1	14.6	92.1	...	...	269
Geneva township, Van Buren County	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Genoa township	11	72.7	27.3	—	—	—	72.7	72.7	100.0	100.0	—	100.0	...	...	...
Georgetown township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Blanc township	21	38.1	—	38.1	61.9	100.0	100.0	38.1	100.0	38.1	23.8	100.0	...	...	288
Grand Haven township	21	—	—	—	23.8	—	42.9	—	100.0	—	38.1	61.9	...	...	263
Grand Rapids township	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grass Lake township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grattan township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grayling township	23	100.0	—	—	—	—	100.0	—	100.0	100.0	—	100.0	375	163	...
Green township, Mecosta County	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Green Lake township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Green Oak township	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grasse Ile township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grasse Pointe township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Graveland township	17	—	29.4	—	—	—	100.0	70.6	100.0	29.4	—	100.0	...	...	213
Gunplain township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hadley township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hagar township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hamburg township	14	42.9	—	—	—	—	100.0	—	100.0	100.0	—	100.0	325	—	...
Hamiln township, Mason County	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hampton township	12	...	...	...	100.0	100.0	100.0	—	100.0	100.0	—	100.0	775	—	...
Handy township	19	100.0	—	68.4	68.4	68.4	100.0	31.6	100.0	—	100.0	63.2	...	...	...
Hanover township, Jackson County	17	100.0	—	—	—	—	100.0	41.2	100.0	100.0	—	100.0	375	—	...
Haring township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Harrison township	51	27.5	23.5	47.1	100.0	100.0	100.0	39.2	88.2	25.5	49.0	100.0	346	—	...
Hartford township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hartland township	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hastings township	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hayes township, Clare County	11	...	...	...	...	...	...	...	...	...	...	...	225	—	...

Table 57a. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Total	Year structure built		Percent with—							With a mortgage	Not mortgaged			
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms				Householder moved into unit 1979 to March 1980	1 or more vehicles available
Henrietta township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Highland township, Oakland County	58	...	...	...	...	...	...	...	...	...	...	...	...	...
Holland township, Ottawa County	10	—	—	—	—	—	100.0	—	100.0	—	—	100.0	275	...	
Holly township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Home township, Montcalm County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Homer township, Calhoun County	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Hamer township, Midland County	18	...	...	...	...	...	50.0	50.0	100.0	50.0	—	100.0	...	...
Hape township, Barry County	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Howard township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Howell township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Huron township, Wayne County	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Ida township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Independence township	13	69.2	—	23.1	53.8	53.8	100.0	23.1	100.0	76.9	—	100.0	425	...	
Indianfields township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Ingersoll township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ionia township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Iro township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishpeming township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamestown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jefferson township, Hillsdale County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jerome township	10	—	—	—	100.0	—	40.0	—	100.0	100.0	60.0	100.0	...	...
Johnstown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kalamazoo township	19	31.6	—	—	68.4	—	73.7	26.3	100.0	73.7	42.1	100.0	425	88	
Kalkaska township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Kawkowlin township	13	53.8	—	—	—	—	100.0	46.2	100.0	46.2	—	100.0	225	275	
Keeler township	10	60.0	40.0	20.0	20.0	20.0	80.0	80.0	100.0	100.0	60.0	100.0	...	...
Kimball township	13	—	—	53.8	100.0	53.8	53.8	—	100.0	46.2	53.8	46.2	...	...
Kochville township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
La Grange township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Laketown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Laketown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
L'Anse township	118	53.4	40.7	17.8	56.8	62.7	54.2	11.9	83.1	23.7	38.1	82.2	575	121	136
Lansing township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lapeer township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Larkin township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
La Salle township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lawrence township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lee township, Midland County	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leighton township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lenox township	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leoni township	23	—	—	—	26.1	82.6	100.0	26.1	100.0	43.5	52.2	100.0	467	—	—
Le Roy township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Leroy township	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lexington township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Limo township	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lincoln township, Berrien County	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lockport township	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lodi township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
London township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Long Lake township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lowell township	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lyon township, Oakland County	13	53.8	—	—	53.8	100.0	100.0	46.2	100.0	—	53.8	100.0	...	...	...
Lyons township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
McMillan township, Luce County	53	...	...	...	...	...	...	...	...	...	...	...	266	125	...
Macomb township	14	100.0	—	—	100.0	100.0	100.0	—	100.0	—	—	100.0	...	...	...
Madison township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mancelono township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manchester township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manistee township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Maple Grove township, Saginaw County	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marathon township	12	58.3	41.7	—	—	—	58.3	—	100.0	58.3	—	100.0	320	—	—
Marion township, Livingston County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marietta township	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marquette township, Marquette County	14	42.9	28.6	—	57.1	28.6	100.0	14.3	100.0	57.1	14.3	100.0	425	150	...
Marshall township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mayfield township, Lapeer County	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mendon township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Menominee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meridian township	52	13.5	28.8	25.0	55.8	100.0	100.0	50.0	100.0	48.1	75.0	100.0	—	222	332
Metamora township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milford township	18	61.1	—	—	66.7	38.9	66.7	—	100.0	33.3	33.3	100.0	...	...	500+
Millington township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mills township, Ogemaw County	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monitor township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Monroe township, Monroe County	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montcalm township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montrose township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Morris township	80	15.0	6.3	13.8	67.5	91.3	85.0	22.5	100.0	61.3	46.3	88.8	263	113	222
Mundy township	14	50.0	50.0	—	50.0	100.0	—	—	100.0	100.0	—	100.0	...	...	...
Muskegon township	22	—	22.7	—	27.3	—	50.0	—	100.0	45.5	—	72.7	188	123	...
Mussey township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Napoleon township	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nelson township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Buffalo township	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Niles township	13	—	30.8	—	—	100.0	100.0	100.0	100.0	69.2	—	100.0	525	113	—
North Branch township	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 57a. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Northfield township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Northville township	13	—	—	100.0	46.2	100.0	46.2	100.0	53.8	46.2	100.0	—	—	—	
Nottawa township, St. Joseph County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oakfield township	4	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oakland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oceola township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Odessa township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oneida township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ontonagon township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ontwa township	12	—	—	—	—	—	—	—	—	—	—	—	—	246	
Orangeville township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oregon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orion township	29	41.4	37.9	—	24.1	79.3	100.0	20.7	100.0	79.3	65.5	100.0	504	225	
Oronoko township	13	—	61.5	—	100.0	100.0	53.8	38.5	100.0	69.2	46.2	69.2	—	—	
Oscoda township	16	31.3	31.3	—	56.3	25.0	68.8	—	68.8	62.5	43.8	100.0	—	—	
Oshkema township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Otsego township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ovid township, Clinton County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Owosso township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oxford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Park township, Ottawa County	13	46.2	53.8	—	46.2	—	—	—	100.0	53.8	46.2	100.0	—	—	
Park township, St. Joseph County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Parma township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pavilion township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Paw Paw township	15	—	—	—	—	—	—	—	—	—	—	—	—	—	
Peninsula township	14	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pennfield township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Perry township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pinconning township	17	—	—	—	—	—	—	—	—	—	—	311	—	—	
Pittsfield township	32	—	—	—	—	—	—	—	—	—	—	—	—	288	
Plainfield township, Iosco County	15	—	46.7	—	—	—	53.3	—	53.3	—	—	53.3	—	63	
Plainfield township, Kent County	37	64.9	—	18.9	54.1	45.9	81.1	45.9	100.0	62.2	18.9	100.0	575	—	
Plymouth township	18	—	27.8	—	100.0	100.0	100.0	—	100.0	100.0	—	100.0	241	—	
Pontiac township	19	26.3	—	—	68.4	100.0	68.4	73.7	100.0	68.4	26.3	100.0	356	—	
Portage township, Houghton County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Porter township, Cass County	7	—	—	—	—	—	—	—	—	—	—	—	—	—	
Port Huron township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	
Portsmouth township	4	—	—	—	—	—	—	—	—	—	—	—	—	—	
Prairieville township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	
Putnam township	17	35.3	—	11.8	11.8	52.9	88.2	11.8	100.0	58.8	52.9	100.0	—	—	
Quincy township, Branch County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Raisin township	10	—	—	—	100.0	—	100.0	—	100.0	—	—	100.0	—	213	
Raisinville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ray township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Redford township	34	—	20.6	—	100.0	100.0	82.4	55.9	100.0	58.8	17.6	100.0	300	—	
Richfield township, Genesee County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Richfield township, Roscommon County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Richland township, Kalamazoo County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Richland township, Saginaw County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rives township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Robinson township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rollin township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Roscommon township	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rose township, Oakland County	15	53.3	—	—	—	—	100.0	53.3	100.0	100.0	—	100.0	—	—	
Ross township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	
Royal Oak township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Royalton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Saginaw township	26	50.0	—	23.1	100.0	73.1	100.0	100.0	100.0	53.8	50.0	100.0	—	293	
St. Charles township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
St. Clair township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	
St. Joseph township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Salem township, Washtenaw County	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sandstone township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Saugatuck township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Schoolcraft township, Kalamazoo County	7	—	—	—	—	—	—	—	—	—	—	—	—	—	
Scio township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sebewaing township	4	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shelby township, Macomb County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shelby township, Oceano County	7	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sherman township, St. Joseph County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shiawassee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Silver Creek township	30	20.0	20.0	—	—	—	40.0	—	80.0	60.0	—	100.0	—	—	
Solan township, Kent County	11	—	—	—	—	—	—	—	—	—	—	—	—	—	
Samerset township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Southfield township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	
South Haven township	14	—	—	—	—	—	100.0	—	100.0	100.0	28.6	100.0	550	—	
Sparto township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Spaulding township	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
Spring Arbor township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Springfield township, Oakland County	19	—	68.4	31.6	31.6	31.6	31.6	—	68.4	68.4	31.6	100.0	496	—	
Spring Lake township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stackbridge township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Summerfield township, Monroe County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Summit township, Jackson County	17	—	100.0	—	76.5	35.3	76.5	—	76.5	35.3	—	100.0	296	138	
Sumpter township	26	50.0	—	—	100.0	23.1	73.1	23.1	100.0	23.1	—	100.0	425	—	
Superior township, Washtenaw County	16	62.5	—	—	62.5	62.5	100.0	—	100.0	37.5	—	100.0	—	350	

Table 57a. **Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980—Con.**

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

Towns/Townships of 2,500 or More

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available		With a mortgage	Not mortgaged
		1970 to March 1980	1939 or earlier												
Surrey township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Swan Creek township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sylvan township, Washtenaw County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tallmadge township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Taymouth township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Texas township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Theftard township	29	...	...	...	...	...	...	...	...	...	...	...	...	254
Thomas township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Thornapple township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Oaks township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tittabawassee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tyrone township, Kent County	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Tyrone township, Livingston County	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Unadilla township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Union township, Branch County	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Union township, Isabella County	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Van Buren township	11	45.5	—	—	100.0	100.0	100.0	—	100.0	—	45.5	100.0	—	163	
Vassar township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Venice township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Vernon township, Shiawassee County	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Vevey township	17	35.3	—	—	35.3	—	100.0	—	100.0	100.0	—	100.0	375	—	
Vienna township, Genesee County	24	29.2	25.0	—	—	25.0	75.0	—	100.0	54.2	—	100.0	430	—	
Washington township, Macomb County	12	50.0	50.0	—	50.0	50.0	100.0	—	100.0	50.0	100.0	100.0	—	—	
Waterford township	103	21.4	21.4	17.5	61.2	47.6	100.0	62.1	100.0	53.4	18.4	100.0	368	148	
Watertown township, Clinton County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Watervliet township	11	36.4	63.6	36.4	36.4	100.0	100.0	36.4	100.0	63.6	36.4	100.0	—	—	
Wayne township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Webster township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Wells township, Delta County	9	...	...	...	...	...	...	...	...	...	...	...	...	...
West Bloomfield township	14	42.9	21.4	—	78.6	78.6	100.0	42.9	100.0	100.0	—	100.0	880	—	
Wheeler township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Whiteford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
White Lake township	42	50.0	—	—	16.7	33.3	100.0	—	81.0	35.7	47.6	83.3	475	113	
White Pigeon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Williams township	19	...	...	...	...	...	...	...	...	...	...	...	...	...
Williamston township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Windsor township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Woodhull township	14	64.3	—	—	—	—	100.0	—	100.0	100.0	100.0	100.0	575	—	
Woodstock township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Worth township	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Wright township, Ottawa County	4	...	...	...	...	...	...	...	...	...	...	...	...	...
York township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ypsilanti township	57	57.9	—	22.8	84.2	100.0	100.0	49.1	100.0	66.7	57.9	100.0	394	—	
Zeeland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table 58. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 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.]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

	Occupied housing units												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
		1970 to March 1980	1939 or earlier												
The State	17 108	37.3	15.2	29.4	92.4	91.6	96.1	53.0	97.7	52.1	36.7	89.4	559	159	257
URBAN AND RURAL AND SIZE OF PLACE															
Urban	15 745	36.0	15.5	30.7	96.8	95.9	96.3	54.2	97.7	51.2	37.0	89.2	558	161	257
Inside urbanized areas	14 886	36.1	14.8	31.3	97.0	95.9	96.4	55.7	97.7	50.9	36.7	89.6	559	164	257
Central cities	5 252	12.2	32.2	42.6	99.7	98.9	94.8	43.8	96.7	35.2	38.0	78.9	388	154	215
Urban fringe	9 634	49.1	5.3	25.2	95.6	94.3	97.3	62.3	98.3	59.4	35.9	95.5	589	175	293
Outside urbanized areas	859	33.3	26.8	19.8	92.7	96.0	95.0	27.6	98.1	56.8	42.4	82.4	534	131	270
Places of 10,000 or more	433	35.1	25.4	21.9	97.2	97.2	97.0	23.3	98.2	58.2	49.7	80.8	617	142	277
Places of 2,500 to 10,000	426	31.5	28.2	17.6	88.0	94.8	93.0	31.9	98.1	55.4	35.0	84.0	420	115	259
Rural	1 363	52.2	12.6	14.1	41.2	41.7	92.7	39.1	97.1	61.9	33.7	90.9	570	152	256
Places of 1,000 to 2,500	183	21.9	33.9	13.7	80.9	82.5	94.5	31.7	98.9	48.1	38.8	85.8	347	165	264
Other rural	1 180	56.9	9.3	14.2	35.1	35.4	92.4	40.3	96.8	64.1	33.0	91.7	586	139	253
Farm	33	33.3	60.6	—	3.0	—	93.9	15.2	81.8	97.0	—	93.9	725	—	—
INSIDE AND OUTSIDE SMSA's															
Inside SMSA's	16 203	37.3	14.7	30.1	93.7	92.7	96.2	54.6	97.7	51.7	36.4	89.5	562	162	257
Urban	15 241	36.0	15.0	30.9	96.8	95.9	96.3	55.2	97.7	50.8	36.7	89.5	558	163	257
Central cities	5 691	13.3	29.8	43.6	99.4	98.3	95.2	42.8	96.9	35.3	38.7	79.7	412	154	210
Not in central cities	9 550	49.5	10.3	23.4	95.3	94.4	97.0	62.6	98.2	60.1	35.4	95.3	586	171	297
Rural	962	57.4	6.2	17.5	44.2	43.1	93.7	45.5	96.8	65.2	32.6	90.2	638	157	260
Outside SMSA's	905	37.0	24.1	15.9	68.8	71.5	93.9	23.8	98.1	58.9	42.0	86.7	483	122	271
Urban	504	34.9	28.8	23.8	96.4	97.8	96.8	23.8	98.4	62.7	46.4	82.1	551	121	285
Rural	401	39.7	18.2	6.0	34.2	38.4	90.3	23.7	97.8	54.1	36.4	92.5	421	124	252
SCSA's															
Detroit—Ann Arbor, Mich.	12 160	37.6	14.4	31.7	97.6	96.1	96.9	58.1	97.7	51.7	35.5	89.8	582	166	263
Urban	11 932	36.9	14.4	32.2	98.4	97.1	96.9	58.4	97.7	51.1	35.5	89.7	578	166	263
Rural	228	71.1	11.8	6.6	55.3	43.9	96.5	42.1	97.4	80.3	34.6	94.7	733	161	269
SMSA's															
Ann Arbor, Mich.	1 777	30.8	7.9	47.8	97.8	96.2	96.8	55.5	96.8	37.4	52.5	84.7	621	199	255
Urban	1 702	28.8	8.0	49.9	99.5	98.5	96.9	56.3	96.7	34.8	53.2	84.1	614	199	255
Rural	75	77.3	6.7	—	60.0	44.0	94.7	38.7	100.0	97.3	36.0	97.3	719	187	—
Battle Creek, Mich.	158	25.3	23.4	17.7	70.9	53.8	89.9	53.2	93.0	63.3	24.1	93.7	631	67	311
Urban	125	21.6	29.6	19.2	86.4	64.8	87.2	48.8	92.8	58.4	22.4	92.0	544	63	307
Rural	33	39.4	10.3	12.1	12.1	100.0	92.9	69.7	93.9	81.8	30.3	100.0	682	138	—
Bay City, Mich.	42	38.1	33.3	19.0	100.0	100.0	92.9	38.1	100.0	50.0	50.0	85.7	775	88	354
Urban	36	27.8	38.9	22.2	100.0	100.0	91.7	44.4	100.0	47.2	52.8	83.3	775	—	363
Rural	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benton Harbor, Mich.	258	54.7	7.0	38.0	75.2	59.7	94.2	59.7	96.9	47.7	37.6	86.8	537	169	217
Urban	70	57.1	17.1	25.7	82.9	68.6	100.0	64.3	100.0	64.3	41.4	81.4	543	—	242
Rural	188	53.7	3.2	42.6	72.3	56.4	92.0	58.0	95.7	41.5	36.2	88.8	532	169	209
Detroit, Mich.	10 383	38.7	15.5	28.9	97.6	96.1	96.9	58.6	97.9	54.1	32.6	90.7	573	164	265
Urban	10 230	38.3	15.5	29.2	98.3	96.9	96.9	58.8	97.9	53.8	32.6	90.7	571	164	265
Rural	153	68.0	14.4	9.8	52.9	43.8	97.4	43.8	96.1	71.9	34.0	93.5	803	156	269
Flint, Mich.	672	36.3	7.7	21.9	72.2	92.7	94.3	56.5	97.5	58.2	30.4	89.6	509	154	267
Urban	566	32.5	8.8	24.4	82.5	97.9	95.4	57.6	97.0	57.4	30.2	89.0	491	153	264
Rural	106	56.6	1.9	8.5	17.0	65.1	88.7	50.9	100.0	62.3	31.1	92.5	545	156	429
Grand Rapids, Mich.	908	32.4	30.9	16.5	87.3	85.0	91.2	31.1	96.7	54.1	44.2	89.3	362	152	234
Urban	786	28.6	31.8	17.8	97.8	96.1	91.0	31.0	96.2	49.5	46.1	91.2	354	167	231
Rural	122	56.6	25.4	8.2	19.7	13.9	92.6	31.1	100.0	83.6	32.0	77.0	543	143	332
Jackson, Mich.	188	48.9	6.4	7.4	50.0	63.3	100.0	46.8	100.0	64.9	30.3	93.6	474	138	350
Urban	133	38.3	9.0	10.5	60.2	75.2	100.0	48.1	100.0	50.4	32.3	91.0	461	138	313
Rural	55	74.5	—	—	25.5	34.5	100.0	43.6	100.0	100.0	25.5	100.0	555	—	—
Kalamazoo—Portage, Mich.	374	32.4	12.8	35.0	86.6	69.8	94.1	47.9	96.5	44.4	43.3	91.7	501	154	245
Urban	336	31.5	12.5	38.4	94.0	76.5	94.6	46.4	96.7	41.1	46.4	90.8	501	—	247
Rural	38	39.5	15.8	5.3	21.1	10.5	89.5	60.5	94.7	73.7	15.8	100.0	575	154	—
Lansing—East Lansing, Mich.	1 055	31.2	10.3	37.8	91.7	95.1	95.6	41.6	98.6	45.2	43.3	86.1	572	136	216
Urban	968	30.3	10.6	37.7	94.6	98.1	95.9	39.3	99.1	44.8	43.2	87.1	561	126	207
Rural	87	41.4	6.9	39.1	58.6	60.9	93.1	67.8	93.1	49.4	44.8	74.7	695	225	290
Muskegon—Norton Shores—Muskegon Heights, Mich.	96	57.3	19.8	26.0	50.0	49.0	100.0	34.4	100.0	42.7	54.2	84.4	671	206	207
Urban	69	52.2	23.2	36.2	68.1	68.1	100.0	47.8	100.0	37.7	68.1	82.6	692	225	207
Rural	27	70.4	11.1	—	3.7	—	100.0	—	100.0	55.6	18.5	88.9	575	188	—
Saginaw, Mich.	213	42.3	11.7	12.7	94.8	91.5	98.1	42.7	100.0	60.6	29.1	86.9	505	150	249
Urban	181	46.4	8.3	9.4	100.0	96.1	97.8	50.3	100.0	68.5	34.3	84.5	513	113	272
Rural	32	18.8	31.3	31.3	65.6	65.6	100.0	—	100.0	15.6	—	100.0	425	157	213
Toledo, Ohio—Mich.	1 060	40.4	17.0	27.3	92.7	91.2	94.7	67.0	96.2	53.0	39.1	86.6	493	119	260
Urban	979	38.3	17.1	28.9	96.5	95.1	95.5	68.5	96.6	51.8	37.7	85.9	506	121	260
Rural	81	65.4	16.0	7.4	46.9	44.4	85.2	48.1	91.4	67.9	55.6	95.1	472	88	260
Michigan (pt.)	79														

Table 58. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

PLACES OF 2,500 OR MORE—Con.

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Total	Year structure built		Percent with—						Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged	
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms						3 or more bedrooms
Gibraltar city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Gladstone city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Grand Blanc city	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Haven city	13	...	...	...	...	...	...	...	...	...	...	...	...	227	
Grand Ledge city	14	100.0	—	—	100.0	100.0	50.0	50.0	100.0	50.0	100.0	...	...	...
Grand Rapids city	346	11.0	48.6	12.7	98.6	98.0	84.1	25.7	94.2	52.6	45.7	89.0	314	134	223
Grandville city	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Greenville city	35	17.1	31.4	—	82.9	82.9	68.6	34.3	100.0	51.4	34.3	51.4	575	119	135
Grosse Pointe city	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosse Pointe Farms city	22	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosse Pointe Park city	45	—	28.9	—	100.0	100.0	100.0	55.6	100.0	88.9	6.7	100.0	...	...	...
Grosse Pointe Shores village	12	100.0	—	—	100.0	100.0	100.0	100.0	100.0	100.0	—	100.0	1000+	—	—
Grosse Pointe Woods city	36	27.8	—	16.7	100.0	100.0	100.0	80.6	100.0	83.3	—	100.0	543	—	—
Hamtramck city	42	—	76.2	31.0	100.0	100.0	100.0	54.8	81.0	54.8	54.8	100.0	325	—	183
Hancock city	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Harper Woods city	37	—	13.5	29.7	100.0	100.0	100.0	86.5	100.0	56.8	18.9	100.0	432	225	263
Haslett (CDP)	17	29.4	—	70.6	100.0	100.0	100.0	70.6	100.0	—	29.4	100.0	—	—	292
Hastings city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hazel Park city	23	—	26.1	—	100.0	100.0	100.0	52.2	100.0	47.8	26.1	69.6	...	...	...
Highland Park city	51	9.8	90.2	29.4	100.0	100.0	90.2	25.5	100.0	33.3	9.8	70.6	...	...	219
Hillsdale city	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Holland city	117	19.7	38.5	15.4	100.0	89.7	95.7	16.2	93.2	50.4	63.2	82.1	586	—	261
Holly village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Holt (CDP)	12	50.0	—	—	100.0	100.0	100.0	50.0	100.0	100.0	—	100.0	...	...	...
Houghton city	35	17.1	40.0	34.3	100.0	100.0	100.0	—	100.0	51.4	48.6	100.0	415	—	173
Hawell city	18	—	—	66.7	100.0	100.0	100.0	66.7	100.0	33.3	33.3	100.0	...	...	275
Hudson city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hudsonville city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Huntington Woods city	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Inkster city	64	35.9	—	64.1	100.0	100.0	100.0	79.7	100.0	35.9	39.1	100.0	300	173	319
Ionia city	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Iron Mountain city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ironwood city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ishpeming city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ithaca city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jackson city	25	—	20.0	32.0	72.0	72.0	100.0	80.0	100.0	40.0	48.0	80.0	...	...	263
Jenison (CDP)	12	100.0	—	—	100.0	100.0	100.0	—	100.0	100.0	—	100.0	375	—	—
Kalamazoo city	155	18.1	27.1	45.2	100.0	97.4	92.9	41.3	96.8	31.0	49.0	80.0	580	—	163
Keego Harbor city	14	100.0	—	100.0	100.0	100.0	100.0	100.0	100.0	—	100.0	100.0	—	—	—
Kentwood city	53	83.0	—	73.6	100.0	100.0	90.6	67.9	90.6	26.4	62.3	100.0	595	—	237
Kingsford city	6	...	...	...	...	...	...	...	...	...	...	...	...	...
K. I. Sawyer AFB (CDP)	11	—	—	—	100.0	100.0	100.0	—	100.0	100.0	100.0	100.0	...	...	...
Lake Fenton (CDP)	12	50.0	—	—	100.0	100.0	100.0	50.0	100.0	100.0	50.0	100.0	700	—	—
Lake Orion village	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Lake Orion Heights (CDP)	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Lakeview (CDP)	24	29.2	—	—	54.2	29.2	75.0	50.0	100.0	100.0	29.2	100.0	575	—	...
Lambertville (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
L'Anse village	10	—	100.0	—	100.0	100.0	100.0	—	100.0	—	—	—	—	—	165
Lansing city	309	30.1	20.4	31.1	98.4	98.4	96.8	37.9	98.4	39.2	52.8	83.5	442	127	253
Lapeer city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lathrup Village city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Laureum village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Level Park—Oak Park (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lincoln Park city	61	18.0	—	39.3	100.0	100.0	91.8	59.0	100.0	39.3	11.5	91.8	427	188	269
Livonia city	257	42.0	—	3.5	100.0	96.9	97.7	63.0	100.0	79.4	31.1	97.7	585	307	489
Lowell city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ludington city	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Madison Heights city	201	29.4	3.5	46.3	100.0	100.0	97.5	83.1	98.0	39.3	43.3	100.0	408	138	...
Manistee city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manistique city	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Marine City city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marquette city	43	...	...	...	...	...	...	...	...	...	...	...	465	—	...
Marshall city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Marysville city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mason city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melvindale city	40	70.0	—	35.0	100.0	100.0	100.0	85.0	100.0	17.5	55.0	85.0	275	—	318
Menominee city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Michigan Center (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Midland city	176	47.7	8.5	26.1	100.0	100.0	95.5	39.8	100.0	69.9	44.3	88.6	629	138	324
Milan city	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Milford village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Monroe city	11	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Clemens city	20	...	...	...	...	...	...	...	...	...	...	...	...	...	188
Mount Morris city	18	—	55.6	55.6	100.0	100.0	100.0	—	44.4	—	—	100.0	—	—	...
Mount Pleasant city	17	17.6	41.2	41.2	100.0	100.0	100.0	17.6	100.0	58.8	58.8	58.8	...	...	300
Munising city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Muskegon city	27	25.9	59.3	44.4	100.0	100.0	100.0	40.7	100.0	29.6	70.4	55.6	...	...	181
Muskegon Heights city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Negaunee city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Baltimore city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Buffalo city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Niles city	12	—	50.0	—	100.0	50.0	100.0	50.0	100.0	50.0	50.0	50.0	...	...	...
North Muskegon city	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Northview (CDP)	20	35.0	—	30.0	100.0	100.0	100.0	80.0	100.0	70.0	35.0	100.0	...	...	...
Northville city	16	...	...	...	...	...	...	...	...	...	...	...	...	...
Norton Shores city	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Norway city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nov. city	100	95.0	—	21.0	100.0	100.0	100.0	86.0	100.0	61.0	36.0	100.0	655	—	320

Table 58. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1980—Con.

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

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
1970 to March 1980	1939 or earlier														
PLACES OF 2,500 OR MORE—Con.															
Oak Park city	158	7.0	—	2.5	100.0	100.0	96.2	68.4	100.0	84.2	24.7	97.5	410	169	...
Okemos (CDP)	48	25.0	16.7	8.3	64.6	100.0	91.7	72.9	100.0	83.3	16.7	100.0	550	—	...
Otsego city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Owosso city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oxford village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Patterson Gardens (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paw Paw village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paw Paw Lake (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pearl Beach (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Petoskey city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plainwell city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pleasant Ridge city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plymouth city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pontiac city	150	20.7	27.3	17.3	100.0	93.3	96.0	20.0	100.0	34.7	34.7	87.3	321	131	253
Portage city	75	44.0	—	16.0	81.3	58.7	100.0	40.0	100.0	68.0	42.7	100.0	469	—	244
Port Huron city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portland city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Richmond city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
River Rouge city	13	—	100.0	—	100.0	100.0	100.0	—	—	—	—	—	—	—	—
Riverview city	26	76.9	—	23.1	100.0	100.0	100.0	53.8	100.0	76.9	53.8	100.0	733	—	...
Rochester city	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rockford city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rockwood city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rogers City city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Romeo village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ramulus city	52	48.1	—	19.2	100.0	100.0	100.0	28.8	100.0	80.8	17.3	100.0	373	—	325
Roosevelt Park city	13	100.0	—	100.0	100.0	100.0	100.0	100.0	100.0	—	46.2	100.0	—	—	223
Roseville city	89	29.2	—	5.6	100.0	94.4	94.4	59.6	100.0	64.0	27.0	87.6	431	—	247
Royal Oak city	151	—	9.3	27.2	100.0	100.0	100.0	76.8	98.0	45.7	25.8	100.0	413	275	322
Saginaw city	58	22.4	17.2	10.3	100.0	100.0	100.0	39.7	100.0	48.3	58.6	51.7	293	113	275
St. Clair city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Clair Shores city	143	18.2	9.1	14.7	100.0	100.0	90.9	68.5	100.0	61.5	13.3	100.0	368	229	...
St. Ignace city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Johns city	13	46.2	—	—	100.0	100.0	100.0	46.2	100.0	46.2	—	46.2	...	...	...
St. Joseph city	12	50.0	—	50.0	100.0	100.0	100.0	100.0	100.0	—	100.0	100.0	...	...	245
St. Louis city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Saline city	23	73.9	—	26.1	100.0	100.0	100.0	56.5	100.0	47.8	17.4	100.0	...	...	...
Sault Ste. Marie city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Southfield city	434	58.1	—	31.6	100.0	94.9	94.0	77.4	96.1	52.1	35.9	98.6	556	188	424
Southgate city	52	21.2	—	48.1	100.0	100.0	100.0	63.5	100.0	40.4	32.7	100.0	408	225	333
South Haven city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Lyon city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
South Monroe (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sparta village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Springfield city	16	43.8	—	—	100.0	—	100.0	—	43.8	43.8	43.8	100.0	...	...	...
Springfield Place (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spring Lake village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sterling Heights city	479	85.0	—	17.3	100.0	100.0	98.5	52.6	100.0	75.2	40.7	100.0	585	225	309
Sturgis city	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Swartz Creek city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taylor city	276	56.9	4.0	47.1	100.0	93.8	97.5	57.2	97.5	30.8	39.1	95.7	371	163	303
Tecumseh city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Rivers city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Traverse City city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trenton city	24	54.2	—	—	100.0	100.0	100.0	100.0	100.0	75.0	45.8	100.0	...	...	...
Troy city	703	72.5	0.9	19.3	99.1	100.0	97.7	71.0	98.3	75.2	28.6	100.0	727	350	377
Utica city	24	70.8	—	29.2	100.0	100.0	100.0	50.0	100.0	70.8	29.2	100.0	...	...	...
Vandercook Lake (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vassar city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wakefield city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Walker city	38	76.3	10.5	76.3	89.5	89.5	100.0	86.8	86.8	10.5	47.4	100.0	...	...	225
Walled Lake city	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warren city	393	27.2	2.0	21.6	100.0	98.2	100.0	68.2	95.9	55.7	31.6	99.2	462	187	287
Waterford (CDP)	91	35.2	16.5	38.5	73.6	89.0	93.4	50.5	100.0	39.6	58.2	90.1	656	—	317
Wayne city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Westland city	237	39.7	6.8	46.8	100.0	100.0	98.3	79.7	100.0	45.6	33.3	90.3	417	225	291
Westwood (CDP)	26	34.6	—	57.7	100.0	57.7	100.0	57.7	100.0	42.3	57.7	100.0	525	—	296
Whitehall city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
White Lake—Seven Harbors (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whitmore Lake (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Williamston city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wixom city	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wolf Lake (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wolverine Lake village	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Woodhaven city	22	100.0	—	36.4	100.0	100.0	100.0	100.0	100.0	63.6	—	100.0	...	...	...
Wurtsmith AFB (CDP)	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wyandotte city	21	—	38.1	—	100.0	100.0	100.0	71.4	100.0	71.4	33.3	100.0	625	153	—
Wyoming city	120	45.0	11.7	10.0	100.0	100.0	95.0	21.7	100.0	37.5	40.0	95.0	356	173	221
Ypsilanti city	118	4.2	15.3	62.7	100.0	92.4	83.9	54.2	89.0	19.5	64.4	56.8	410	—	158
Zeeland city	18	—	50.0	—	100.0	100.0	100.0	27.8	100.0	77.8	50.0	77.8	...	...	...
COUNTIES															
Alcona	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alger	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alligon	31	29.0	12.9	25.8	38.7	51.6	100.0	35.5	74.2	48.4	51.6	87.1	389	163	291
Alpena	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Antrim	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arenac	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 58. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1980—Con.

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

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

COUNTIES—Con.

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Total	Year structure built		Percent with—								With a mortgage	Not mortgaged			
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980				1 or more vehicles available	
Baraga	15	33.3	66.7	—	66.7	66.7	100.0	33.3	100.0	—	—	33.3	...	...	165	
Barry	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bay	42	38.1	33.3	19.0	100.0	100.0	92.9	38.1	100.0	...	50.0	50.0	85.7	775	88	354
Benzie	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Berrien	258	54.7	7.0	38.0	75.2	59.7	94.2	59.7	96.9	47.7	...	...	...	...	...	...
Branch	15	...	53.3	...	100.0	100.0	100.0	33.3	100.0	53.3	...	100.0	...	537	169	217
Calhoun	150	26.7	24.7	18.7	74.7	56.7	89.3	56.0	94.0	61.3	21.3	...	93.3	614	63	311
Cass	20	80.0	...	...	...	...	...	100.0	60.0	100.0	90.0	...	90.0	557	...	...
Charlevoix	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cheboygan	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chippewa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clare	12	66.7	...	...	...	16.7	100.0	...	100.0	33.3	83.3	100.0	...	...	...	...
Clinton	24	25.0	...	...	54.2	100.0	100.0	50.0	100.0	25.0	...	70.8	675	138	...	...
Crawford	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dickinson	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eaton	119	63.9	10.9	16.0	87.4	89.1	90.8	50.4	100.0	63.9	28.6	88.2	475	188	244	...
Emmet	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Genesee	625	36.3	8.0	23.5	76.3	97.0	95.5	58.1	97.3	57.9	31.7	90.1	504	149	269	...
Gladwin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gogebic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Traverse	18	72.2	...	...	50.0	33.3	100.0	...	100.0	83.3	88.9	100.0	1000+	...	...	...
Graffiot	29	24.1	24.1	...	69.0	69.0	100.0	41.4	100.0	48.3	34.5	100.0	486	138	...	...
Hillsdale	18	44.4	55.6	...	38.9	50.0	100.0	33.3	100.0	16.7	72.2	...	850	121	...	...
Houghton	57	15.8	45.6	21.1	100.0	93.0	98.2	...	98.2	50.9	50.9	96.5	412	88	...	204
Huron	13	23.1	53.8	38.5	53.8	53.8	100.0	23.1	76.9	38.5	38.5	100.0	...	...	...	...
Ingham	894	27.0	9.4	42.5	94.2	96.8	96.3	40.4	98.3	43.1	46.9	86.6	583	140	...	212
Ionia	18	33.3	66.7	...	44.4	44.4	88.9	33.3	100.0	55.6	22.2	66.7	575	92	...	...
Iosco	33	6.1	...	15.2	57.6	87.9	100.0	9.1	100.0	36.4	57.6	100.0	...	...	...	135
Iron	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Isabella	31	16.1	32.3	41.9	74.2	74.2	100.0	38.7	90.3	48.4	51.6	67.7	725	121	263	...
Jackson	188	48.9	6.4	7.4	50.0	63.3	100.0	46.8	100.0	64.9	30.3	93.6	474	138	350	...
Kalamazoo	347	34.3	12.7	37.8	91.1	72.9	94.8	48.7	96.3	42.4	45.5	91.1	507	...	241	...
Kalkaska	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kent	691	32.7	31.8	18.8	89.9	89.6	89.4	35.9	95.7	51.1	43.6	92.5	341	154	224	...
Keweenaw	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lapeer	32	68.8	25.0	6.3	37.5	37.5	93.8	37.5	81.3	71.9	34.4	78.1	494	88	269	...
Leelanau	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lenawee	35	34.3	42.9	...	57.1	57.1	94.3	25.7	100.0	85.7	22.9	100.0	525	212	...	...
Livingston	53	47.2	7.5	37.7	60.4	66.0	100.0	64.2	84.9	43.4	24.5	94.3	625	350	...	...
Luce	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mackinac	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Macomb	1 473	52.0	3.0	20.4	99.0	96.5	98.3	59.9	98.9	62.0	35.2	97.7	519	192	290	...
Manistee	12	8.3	25.0	...	8.3	...	41.7	...	100.0	91.7	8.3	91.7	...	...	...	...
Marquette	68	57.4	7.4	35.3	88.2	79.4	100.0	7.4	100.0	55.9	48.5	100.0	434	...	178	...
Mason	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mecosta	36	25.0	66.7	...	52.8	86.1	91.7	...	100.0	66.7	69.4	25.0	...	...	241	...
Menominee	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Midland	183	47.5	6.6	23.5	95.6	100.0	92.9	38.3	100.0	68.3	47.0	89.1	629	142	321	...
Missaukee	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monroe	79	59.5	30.4	5.1	57.0	51.9	79.7	50.6	91.1	40.5	38.0	88.6	459	138	261	...
Montcalm	43	23.3	25.6	...	76.7	76.7	74.4	41.9	100.0	60.5	37.2	60.5	558	121	137	...
Montmorency	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muskegon	92	55.4	20.7	27.2	51.1	51.1	100.0	35.9	100.0	43.5	55.4	87.0	671	225	207	...
Newaygo	11	9.1	...	...	36.4	27.3	54.5	...	100.0	18.2	9.1	54.5	...	...	...	...
Oakland	3 516	52.0	4.3	21.9	95.0	93.5	97.0	68.1	98.3	63.7	35.4	97.2	699	165	329	...
Oceana	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ogemaw	12	...	...	83.3	83.3	100.0	100.0	83.3	100.0	...	83.3	100.0	...	...	260	...
Ontonagon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Osceola	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oscoda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Otsego	18	22.2	...	...	...	11.1	100.0	...	100.0	33.3	11.1	88.9	142	...	...	...
Ottawa	217	31.3	28.1	9.2	79.3	70.5	96.8	15.7	100.0	63.6	46.1	79.3	537	150	248	...
Presque Isle	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Roscommon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Saginaw	213	42.3	11.7	12.7	94.8	91.5	98.1	42.7	100.0	60.6	29.1	84.9	505	150	249	...
St. Clair	40	37.5	22.5	15.0	80.0	65.0	100.0	35.0	100.0	65.0	...	85.0	296	117	...	...
St. Joseph	37	62.2	21.6	...	56.8	43.2	91.9	27.0	100.0	86.5	...	86.5	321	188	...	...
Sanilac	16	37.5	37.5	12.5	81.3	75.0	56.3	25.0	100.0	56.3	56.3	87.5	...	...	...	...
Schaclcraft	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shiawassee	47	36.2	4.3	...	17.0	36.2	78.7	36.2	100.0	61.7	12.8	83.0	530	159	...	...
Tuscola	22	59.1	13.6	22.7	36.4	59.1	100.0	31.8	100.0	59.1	3.8	100.0	...	...	217	...
Van Buren	27	7.4	14.8	...	29.6	29.6	85.2	37.0	100.0	70.4	14.8	100.0	338	154	...	...
Washtenaw	1 777	30.8	7.9	47.8	97.8	96.2	96.8	55.5	96.8	37.4	52.5	84.7	621	199	255	...
Wayne	5 269	25.9	26.4	36.2	99.8	98.6	96.4	52.1	97.5	45.4	30.3	84.5	476	161	222	...
Wexford	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 58a. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 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]

Towns/Townships of 2,500 or More

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Total	Year structure built		Percent with—							With a mortgage	Not mortgaged			
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms				Householder moved into unit 1979 to March 1980	1 or more vehicles available
Acme township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ada township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Addison township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Adrian township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Alaiedon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Alamo township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Albee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Algoma township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Allegan township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Allendale township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Almena township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Almer township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Almont township	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Alpena township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Alpine township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Ann Arbor township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Antwerp township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arbelo township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Argentine township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Armada township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ash township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Atlas township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Attica township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Augusta township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Avon township	82	92.7	—	7.3	92.7	92.7	100.0	47.6	100.0	68.3	48.8	92.7	782	300	
Bagley township	10	—	—	—	—	—	100.0	—	100.0	—	—	100.0	138	—	
Bainbridge township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bangor township, Bay County	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Borago township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Baroda township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Barry township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Both township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Battle Creek township	33	33.3	—	12.1	66.7	33.3	66.7	63.6	100.0	72.7	48.5	100.0	575	...	
Bear Creek township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Beaver township, Bay County	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Bedford township, Calhoun County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bedford township, Monroe County	29	48.3	24.1	—	75.9	24.1	75.9	100.0	100.0	51.7	24.1	100.0	475	...	
Belleuve township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Bennington township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Benton township, Berrien County	13	...	...	...	...	...	...	...	...	...	...	...	...	...
Berlin township, Ionia County	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Berlin township, Monroe County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Berrien township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Birch Run township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Blockman township	50	88.0	—	—	42.0	88.0	100.0	34.0	100.0	58.0	54.0	100.0	469	...	
Blair township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Blendon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Blissfield township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bloomfield township, Oakland County	330	52.7	—	11.5	92.4	81.8	97.9	83.6	100.0	83.0	37.9	98.2	1000+	400+	500+
Boston township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Brady township, Kalamazoo County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Brandon township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Breitung township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bridgeport township	15	40.0	—	—	26.7	26.7	73.3	—	100.0	60.0	—	100.0	425	138	
Brighton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Brownstown township	32	100.0	—	—	100.0	100.0	100.0	15.6	100.0	53.1	46.9	100.0	470	...	
Bruce township, Macomb County	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Buchanan township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Buena Vista township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Burns township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Burr Oak township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Burtchville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Byron township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Coledonia township, Kent County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Coledonia township, Shiawassee County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Calumet township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Cambridge township	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Cannon township	15	53.3	46.7	—	—	—	53.3	—	100.0	46.7	—	46.7	—	138	
Canton township	406	96.1	—	13.5	99.0	99.0	98.5	45.6	98.5	75.1	47.8	100.0	676	301	
Carrollton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cascade township	26	100.0	—	—	46.2	46.2	100.0	100.0	100.0	53.8	100.0	100.0	1000+	—	
Casco township, Allegan County	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Casco township, St. Clair County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Castleton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Chesaning township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Chesterfield township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Chikaming township	13	38.5	—	—	61.5	61.5	100.0	38.5	100.0	61.5	38.5	100.0	...	...
Chippewa township, Isabella County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Chocolay township	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Clay township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Clayton township, Genesee County	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Clinton township, Lenawee County	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Clinton township, Macomb County	165	65.5	—	33.9	100.0	95.2	100.0	64.2	100.0	52.1	48.5	100.0	629	163	313
Clyde township, St. Clair County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Coe township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Coldwater township, Branch County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table 58a. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	Total	Percent with—										With a mortgage	Not mortgaged	
		Year structure built		Source of water by public system or private company					Householder moved into unit 1979 to March 1980					
		1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	1 or more vehicles available				
Caloma township	13	...	...	...	...	...	...	...	...	...	...	...	...	...
Colan township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Columbia township, Jackson County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Columbus township, St. Clair County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Commerce township	16	—	—	31.3	—	100.0	68.8	100.0	62.5	37.5	100.0	630	—	—
Comstock township	13	...	...	...	...	...	...	...	...	...	...	...	...	...
Constantine township	13	...	...	...	...	...	...	...	...	...	...	325	...	...
Cooper township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cottrellville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Courtland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Covert township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Crockery township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dalton township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Davison township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Decatur township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Deerfield township, Lapeer County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oerfield township, Livingston County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Delhi township	15	60.0	—	100.0	100.0	100.0	40.0	100.0	100.0	20.0	80.0	...	...	...
Delta township	41	68.3	—	34.1	100.0	100.0	63.4	100.0	65.9	17.1	85.4	559	...	...
Denmark township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Denton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
De Witt township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dexter township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dorr township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dryden township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dundee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
East Bay township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
East China township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Easton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eaton township	10	100.0	—	—	—	100.0	—	100.0	100.0	—	100.0	675	—	—
Eaton Rapids township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Egelston township	11	100.0	—	—	—	100.0	45.5	100.0	54.5	45.5	100.0	...	...	...
Elba township, Lapeer County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elkland township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Elmwood township, Leelanau County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emmett township, Calhoun County	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Erie township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Escanaba township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exeter township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fabius township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fayette township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Fenton township	12	...	...	...	...	...	...	...	...	...	...	700	...	...
Flint township	104	76.9	—	3.8	75.0	100.0	100.0	75.0	100.0	91.3	39.4	725	...	...
Flushing township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forest township, Genesee County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forsyth township	12	50.0	—	—	100.0	50.0	100.0	—	100.0	50.0	50.0	100.0	...	...
Fort Gratiot township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Frankenlust township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Fraser township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fremont township, Tuscola County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Frenchtown township	21	61.9	38.1	19.0	19.0	57.1	100.0	19.0	100.0	42.9	57.1	100.0	...	...
Fruitland township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Fruitport township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaines township, Genesee County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gaines township, Kent County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Garfield township, Grand Traverse County	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Genesee township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Geneva township, Van Buren County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Genoa township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Georgetown township	32	37.5	—	15.6	53.1	53.1	100.0	—	100.0	84.4	25.0	75.0	375	138
Grand Blanc township	111	32.4	—	18.0	42.3	94.6	100.0	74.8	100.0	70.3	16.2	100.0	658	—
Grand Haven township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Rapids township	14	...	...	...	...	...	...	...	...	...	...	...	188	—
Gross Lake township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gratton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grayling township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Green township, Mecosta County	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Green Lake township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Green Dak township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosse Ile township	40	62.5	—	—	100.0	100.0	90.0	77.5	100.0	90.0	40.0	87.5	1000+	—
Grosse Pointe township	12	100.0	—	—	100.0	100.0	100.0	100.0	100.0	—	100.0	1000+	—	—
Graveland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gunplain township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hadley township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hagar township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamburg township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamlin township, Mason County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hampton township	15	60.0	—	—	100.0	100.0	100.0	73.3	100.0	100.0	—	100.0	775	88
Handy township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hanover township, Jackson County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Haring township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Harrison township	42	...	...	...	...	...	...	...	...	...	...	446	—	206
Hartford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hartland township	11	100.0	—	—	—	—	100.0	100.0	100.0	36.4	36.4	100.0	625	—
Hastings township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Hayes township, Clare County	6	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 58a. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Total	Year structure built		Percent with—											
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
Henrietta township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Highland township, Oakland County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Holland township, Ottawa County	23	69.6	30.4	21.7	52.2	21.7	100.0	21.7	100.0	78.3	39.1	47.8	525	163	
Holly township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Horne township, Montcalm County	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Homer township, Calhoun County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Homer township, Midland County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hape township, Barry County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Howard township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Howell township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Huron township, Wayne County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ida township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Independence township	27	77.8	—	18.5	40.7	40.7	100.0	18.5	100.0	81.5	18.5	100.0	840	163	
Indianfields township	11	54.5	—	—	—	45.5	100.0	—	100.0	100.0	45.5	100.0	—	—	
Ingersoll township	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ionia township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Iro township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ishpeming township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jamestown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jefferson township, Hillsdale County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jerome township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Johnstown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kalamazoo township	60	31.7	—	50.0	100.0	60.0	88.3	60.0	100.0	28.3	70.0	100.0	496	296	
Kalkaska township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kawkawlin township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Keeler township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kimball township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kochville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
La Grange township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Laketon township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Laketown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
L'Anse township	10	—	100.0	—	100.0	100.0	100.0	—	100.0	—	—	—	—	165	
Lansing township	15	—	—	40.0	100.0	100.0	100.0	40.0	100.0	60.0	100.0	100.0	—	263	
Lapeer township	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
Larkin township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
La Salle township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lawrence township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lee township, Midland County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Leighton township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lenox township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	
Leoni township	12	—	—	—	—	—	—	—	—	—	—	—	—	—	
Le Roy township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Leroy township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lexington township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lima township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lincoln township, Berrien County	23	73.9	26.1	30.4	73.9	30.4	69.6	52.2	100.0	69.6	—	100.0	625	—	
Lockport township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lodi township	10	80.0	—	—	—	—	100.0	60.0	100.0	100.0	20.0	100.0	675	225	
London township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Long Lake township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lowell township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lyon township, Oakland County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lyons township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
McMillan township, Luce County	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Macomb township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Madison township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mancelona township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Manchester township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Manistee township	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
Maple Grove township, Saginaw County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marathon township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marion township, Livingston County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marlette township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marquette township, Marquette County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marshall township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mayfield township, Lapeer County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mendon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Menominee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Meridian township	188	34.0	4.3	26.6	80.9	95.7	87.8	63.3	96.8	65.4	38.3	88.3	643	329	
Metamora township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Milford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Millington township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mills township, Ogemaw County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Monitor township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Monroe township, Monroe County	4	—	—	—	—	—	—	—	—	—	—	—	—	—	
Montcalm township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Montrose township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mount Morris township	22	—	—	—	72.7	100.0	100.0	54.5	100.0	100.0	—	100.0	475	325	
Mundy township	18	72.2	—	38.9	38.9	100.0	100.0	33.3	100.0	61.1	66.7	100.0	—	—	
Muskegon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mussey township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Napoleon township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	
Nelson township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
New Buffalo township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Niles township	11	—	—	—	—	—	—	—	—	—	—	—	—	—	
North Branch township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table 58a. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980—Con.

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8)

Towns/Townships of 2,500 or More	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Northfield township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Northville township	70	85.7	—	38.6	91.4	91.4	100.0	91.4	100.0	57.1	47.1	100.0	—	—	
Northwest township, St. Joseph County	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Oakfield township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oakland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oceola township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Odessa township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onesida township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Ontonagon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ontwo township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orangeville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Oregon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orion township	19	36.8	—	—	57.9	100.0	78.9	57.9	100.0	21.1	21.1	100.0	425	—	
Oronoko township	119	68.1	—	53.8	80.7	55.5	93.3	58.0	93.3	43.7	45.4	89.9	516	210	
Oscoda township	25	—	—	16.0	44.0	100.0	100.0	—	100.0	28.0	56.0	100.0	...	135	
Oshkema township	24	100.0	—	70.8	100.0	70.8	100.0	70.8	75.0	29.2	25.0	100.0	...	206	
Otsego township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ovid township, Clinton County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Owosso township	20	...	...	...	...	...	...	...	...	...	...	...	...	...
Oxford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Park township, Ottawa County	10	...	...	...	...	...	...	...	...	...	...	450	—	—
Park township, St. Joseph County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Parno township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pavilion township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Paw Paw township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Peninsula township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pennfield township	23	...	...	...	...	...	...	...	...	...	...	...	...	...
Perry township	10	...	...	...	...	...	...	...	...	...	...	...	...	...
Pinconning township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pittsfield township	166	68.7	—	56.0	90.4	90.4	100.0	85.5	100.0	44.0	42.2	100.0	627	301	
Plainfield township, Iosco County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Plainfield township, Kent County	26	...	...	...	...	...	...	...	...	...	...	381	—	...
Plymouth township	88	90.9	9.3	14.8	100.0	100.0	100.0	60.2	100.0	85.2	27.3	100.0	775	...	
Pontiac township	75	52.0	9.3	69.3	100.0	100.0	88.0	54.7	100.0	9.3	58.7	100.0	...	250	
Portage township, Houghton County	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Porter township, Cass County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Port Huron township	18	72.2	—	—	66.7	33.3	100.0	—	100.0	66.7	—	100.0	...	...
Portsmouth township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Prairieville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Putnam township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Quincy township, Branch County	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Raisin township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Raisinville township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ray township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Redford township	49	...	...	...	100.0	100.0	100.0	53.1	100.0	100.0	44.9	100.0	512	177
Richfield township, Genesee County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Richfield township, Roscommon County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Richland township, Kalamazoo County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Richland township, Saginaw County	11	...	...	...	100.0	100.0	100.0	—	100.0	—	—	100.0	—	163
Rives township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Robinson township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rollin township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Roscommon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rose township, Oakland County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ross township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Royal Oak township	38	...	...	...	...	...	...	...	...	...	...	...	...	...
Royalton township	15	...	...	...	...	...	100.0	53.3	100.0	53.3	46.7	53.3	...	...
Saginaw township	96	67.7	5.2	5.2	100.0	100.0	100.0	61.5	100.0	81.3	15.6	100.0	539	...	
St. Charles township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
St. Clair township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
St. Joseph township	12	100.0	—	—	100.0	100.0	100.0	83.3	100.0	100.0	—	100.0	525	—	
Salem township, Washtenaw County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sandstone township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Saugatuck township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Schoolcraft township, Kalamazoo County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sao township	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Schweizing township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shelby township, Macomb County	31	74.2	—	16.1	74.2	16.1	100.0	38.7	100.0	58.1	32.3	100.0	636	...	
Shelby township, Oceano County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sherman township, St. Joseph County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shiawassee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Silver Creek township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Solon township, Kent County	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Somerset township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Southfield township	39	12.8	—	—	87.2	87.2	100.0	61.5	100.0	84.6	33.3	100.0	1000+	—	
South Haven township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sparta township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Spaulding township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Spring Arbor township	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Springfield township, Oakland County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Spring Loke township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stockbridge township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Summerfield township, Monroe County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Summit township, Jackson County	87	49.4	8.0	6.9	63.2	58.6	100.0	58.6	100.0	79.3	17.2	92.0	606	138	
Sumpster township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Superior township, Washtenaw County	33	54.5	—	—	100.0	100.0	100.0	63.6	100.0	81.8	36.4	100.0	488	...	

Table 58a. **Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980—Con.**

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

Towns/Townships of 2,500 or More

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
	Percent with—													
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
1970 to March 1980	1939 or earlier													
Surrey township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Swan Creek township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylvan township, Washtenaw County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tallmadge township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Taymouth township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Texas township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Thetford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thomas township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Thornapple township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Oaks township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tittabawassee township	10	—	100.0	100.0	100.0	100.0	—	100.0	—	—	100.0	—	—	...
Tyrone township, Kent County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tyrone township, Livingston County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unadilla township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Union township, Branch County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Union township, Isabella County	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Van Buren township	28	75.0	...	50.0	100.0	75.0	100.0	100.0	75.0	50.0	100.0	225	275	...
Vassar township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Venice township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vernon township, Shiawassee County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vevay township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vienna township, Genesee County	18	100.0	...	50.0	50.0	100.0	100.0	50.0	100.0	50.0	100.0	...	...	...
Washington township, Macomb County	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Waterford township	91	35.2	16.5	38.5	73.6	89.0	93.4	50.5	100.0	39.6	58.2	656	—	317
Watertown township, Clinton County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Watervliet township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wayne township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Webster township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wells township, Delta County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Bloomfield township	284	77.1	—	5.3	81.7	84.9	100.0	62.0	100.0	89.4	27.1	800	275	500+
Wheeler township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whiteford township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
White Lake township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
White Pigeon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Williams township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Williamston township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Windsar township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Woodhull township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Woodstock township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worth township	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wright township, Ottawa County	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yark township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Ypsilanti township	143	66.4	...	34.3	95.8	90.9	96.5	72.0	100.0	49.0	46.9	596	—	316
Zeeland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 59. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

URBANIZED AREAS—Con.

PLACES OF 2,500 OR MORE

	Occupied housing units										Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Year structure built		Percent with—							Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged	
	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms						
Total															
Muskegon—Muskegon Heights, Mich.	608	9.0	33.4	9.7	90.0	77.5	88.8	13.0	96.9	47.7	23.5	83.6	265	133	210
Port Huron, Mich.	273	16.5	58.2	11.0	99.3	97.8	84.2	15.8	90.8	54.2	41.0	85.7	241	145	261
Saginaw, Mich.	2 725	13.1	34.1	7.1	98.1	96.3	86.4	19.5	99.0	53.6	25.2	84.5	309	135	249
South Bend, Ind.—Mich.	853	12.2	37.0	17.7	92.1	91.9	81.6	26.6	98.0	38.9	34.0	82.3	255	138	217
Indiana (pt.)	766	13.6	36.3	17.2	91.9	91.9	83.8	27.9	97.8	41.5	35.2	87.1	257	141	218
Michigan (pt.)	87	—	43.7	21.8	94.3	92.0	62.1	14.9	100.0	16.1	23.0	40.2	225	125	187
Toledo, Ohio—Mich.	3 408	13.9	47.1	16.4	98.1	94.7	85.8	37.3	98.8	50.9	33.7	86.4	309	132	229
Michigan (pt.)	49	22.4	10.2	10.0	59.2	46.9	100.0	46.9	100.0	83.7	24.5	100.0	400	—	375
Ohio (pt.)	3 359	13.8	47.6	16.5	98.6	95.4	85.6	37.2	98.7	50.4	33.8	86.2	306	132	229
Adrian city	645	11.8	44.0	15.5	100.0	99.2	86.8	20.0	99.2	54.4	26.0	88.5	322	167	242
Albion city	147	6.8	34.7	10.9	100.0	100.0	95.9	20.4	95.2	59.2	29.3	83.0	292	—	183
Algonac city	16	—	31.3	—	100.0	100.0	100.0	31.3	100.0	62.5	31.3	100.0	500	225	—
Allegan city	15	53.3	—	—	53.3	100.0	46.7	46.7	100.0	53.3	100.0	100.0	—	—	—
Allen Park city	180	7.8	—	7.8	100.0	100.0	100.0	49.4	100.0	86.1	22.2	100.0	390	308	297
Alma city	57	49.1	28.1	26.3	100.0	100.0	89.5	24.6	100.0	49.1	31.6	80.7	416	138	199
Alpena city	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ann Arbor city	615	27.0	16.4	50.2	99.2	98.4	97.6	45.5	97.7	30.4	54.8	78.9	634	400+	290
Bad Axe city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Battle Creek city	140	5.0	63.6	17.9	96.4	89.3	87.9	7.9	100.0	60.7	32.1	82.1	235	142	217
Bay City city	499	7.2	48.7	2.2	100.0	100.0	81.0	20.0	99.0	61.7	26.9	85.0	323	152	249
Beecher (CDP)	166	12.0	4.8	—	98.2	95.8	95.2	15.7	100.0	68.1	19.3	89.8	257	158	305
Belding city	14	42.9	57.1	42.9	100.0	100.0	78.6	42.9	100.0	21.4	42.9	57.1	—	—	—
Belleville city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benton Harbor city	36	11.1	30.6	16.7	100.0	86.1	100.0	33.3	100.0	30.6	69.4	16.7	—	—	177
Benton Heights (CDP)	15	—	—	—	46.7	46.7	53.3	—	100.0	100.0	—	100.0	275	—	—
Berkley city	50	36.0	—	—	100.0	100.0	100.0	48.0	80.0	100.0	—	100.0	375	113	—
Bessemer city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Beverly Hills village	25	—	24.0	—	100.0	100.0	100.0	76.0	100.0	76.0	—	100.0	646	—	—
Big Rapids city	11	—	54.5	—	100.0	100.0	100.0	—	100.0	100.0	—	100.0	325	—	—
Birmingham city	69	—	29.0	8.7	100.0	100.0	100.0	65.2	100.0	69.6	20.3	100.0	394	350	354
Blissfield village	16	—	100.0	—	100.0	100.0	31.3	—	100.0	100.0	—	100.0	425	188	—
Bloomfield Hills city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Boyer City city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brighton city	30	56.7	43.3	20.0	76.7	100.0	56.7	56.7	100.0	43.3	—	100.0	375	—	315
Brownlee Park (CDP)	14	—	42.9	—	—	—	57.1	—	100.0	100.0	—	100.0	225	88	—
Buchanan city	14	57.1	—	57.1	100.0	57.1	100.0	100.0	100.0	42.9	57.1	42.9	—	—	—
Burton city	73	—	8.2	—	52.1	89.0	100.0	23.3	100.0	47.9	16.4	83.6	357	134	287
Cadillac city	12	—	58.3	—	58.3	100.0	41.7	—	100.0	100.0	58.3	100.0	—	—	—
Carleton village	16	68.8	31.3	12.5	100.0	100.0	87.5	—	87.5	68.8	37.5	100.0	325	100	—
Caro village	26	23.1	76.9	—	100.0	100.0	100.0	—	100.0	100.0	23.1	76.9	290	—	—
Cedar Springs city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Center Line city	17	—	35.3	—	100.0	100.0	100.0	58.8	100.0	58.8	—	58.8	325	275	—
Charlevoix city	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Charlotte city	46	—	58.7	—	100.0	100.0	87.0	—	100.0	45.7	41.3	100.0	272	—	203
Cheboygan city	16	—	—	—	100.0	100.0	100.0	—	100.0	50.0	50.0	100.0	—	—	180
Chelsea village	11	54.5	9.1	54.5	100.0	100.0	100.0	54.5	100.0	36.4	54.5	100.0	—	—	—
Chesaning village	32	15.6	37.5	—	84.4	84.4	100.0	37.5	100.0	53.1	15.6	53.1	415	—	98
Clare city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clawson city	15	—	—	—	100.0	100.0	100.0	53.3	100.0	66.7	46.7	100.0	557	—	—
Clio city	14	50.0	—	50.0	100.0	100.0	100.0	50.0	100.0	—	100.0	100.0	—	—	287
Coldwater city	10	—	100.0	—	100.0	100.0	100.0	100.0	100.0	100.0	—	100.0	—	88	—
Comstock Park (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coopersville city	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Corunna city	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cutlerville (CDP)	19	63.2	—	—	63.2	63.2	100.0	63.2	100.0	36.8	—	63.2	163	63	—
Davison city	33	51.5	—	84.8	100.0	100.0	100.0	57.6	100.0	15.2	63.6	69.7	—	—	237
Dearborn city	420	2.9	38.1	6.0	100.0	100.0	93.6	53.6	98.6	51.4	28.3	84.0	338	166	263
Dearborn Heights city	361	3.0	9.1	2.8	100.0	100.0	98.3	57.9	100.0	71.2	11.9	98.3	338	165	392
Detroit city	8 414	2.8	59.1	15.8	99.9	97.8	88.9	26.2	96.0	51.7	27.3	72.6	303	158	215
De Witt city	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dawagiac city	31	—	77.4	—	77.4	77.4	58.1	16.1	77.4	19.4	19.4	80.6	325	225	—
Oundee village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Durand city	17	35.3	64.7	—	100.0	100.0	100.0	—	100.0	100.0	41.2	100.0	292	—	—
East Detroit city	74	—	13.5	24.3	100.0	100.0	100.0	56.8	93.2	59.5	35.1	100.0	366	350	333
East Grand Rapids city	10	—	50.0	—	100.0	100.0	100.0	100.0	100.0	100.0	—	100.0	525	188	—
East Lansing city	230	16.5	7.8	65.7	100.0	100.0	95.7	36.5	93.9	15.7	46.1	93.0	679	350	169
East Tawas city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eastwood (CDP)	30	60.0	—	16.7	100.0	56.7	100.0	56.7	100.0	63.3	56.7	83.3	375	—	304
Eaton Rapids city	10	40.0	60.0	40.0	100.0	100.0	100.0	60.0	100.0	60.0	—	60.0	—	—	—
Ecorse city	282	—	45.0	2.5	100.0	100.0	85.5	32.6	100.0	56.7	31.6	90.1	289	160	214
Escanaba city	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Essexville city	18	—	27.8	—	100.0	100.0	100.0	27.8	100.0	66.7	—	100.0	275	163	—
Fair Plain (CDP)	23	—	—	—	52.2	69.6	82.6	52.2	100.0	69.6	—	100.0	243	275	—
Farmington city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Farmington Hills city	81	23.5	8.6	17.3	84.0	84.0	82.7	76.5	100.0	61.7	64.2	100.0	617	350	431
Fenton city	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ferndale city	60	10.0	15.0	—	100.0	100.0	100.0	31.7	100.0	53.3	16.7	88.3	306	188	—
Flat Rock city	28	50.0	—												

Table 59. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

PLACES OF 2,500 OR MORE—Con.

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied			
	Total	Year structure built		Percent with—							Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged		
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms							
Gibraltar city	4
Gladstone city	5
Grand Blanc city	6
Grand Haven city	34	...	20.6	17.6	100.0	100.0	100.0	100.0	100.0	44.1	79.4	100.0	475	188	...	177	
Grand Ledge city	24	41.7	16.7	37.5	100.0	100.0	100.0	100.0	37.5	100.0	16.7	62.5	100.0	425	263	267	
Grand Rapids city	1 515	5.4	53.3	8.5	99.6	97.2	89.2	14.5	95.9	50.7	44.8	78.3	294	142	...	199	
Grandville city	26	53.8	...	26.9	100.0	53.8	73.1	...	100.0	46.2	26.9	100.0	340	...	...	...
Greenville city	12	...	100.0	41.7	100.0	100.0	58.3	...	58.3	58.3	58.3	100.0	...	...	...	307
Grasse Pointe city	18	...	66.7	...	100.0	100.0	100.0	66.7	100.0	66.7	66.7	100.0	...	...	...	450
Grasse Pointe Farms city	16	...	68.8	...	100.0	100.0	100.0	31.3	100.0	62.5	43.8	100.0	...	...	...	...
Grasse Pointe Park city	37	...	54.1	...	100.0	100.0	100.0	59.5	100.0	54.1	13.5	100.0	557	...	...	315
Grasse Pointe Shores village	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grasse Pointe Woods city	39	15.4	...	...	100.0	100.0	100.0	56.4	100.0	87.2	38.5	100.0	760	...	...	...
Hamtramck city	91	...	52.7	...	100.0	100.0	84.6	13.2	95.6	47.3	20.9	48.4	...	...	...	175
Hancock city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Harper Woods city	36	...	13.9	19.4	100.0	100.0	83.3	52.8	80.6	33.3	16.7	83.3	262	160	...	...
Haslett (CDP)	13	100.0	...	100.0	100.0	100.0	53.8	100.0	100.0	...	...	100.0	...	...	...	...
Hastings city	17	...	70.6	...	100.0	100.0	100.0	29.4	100.0	29.4	41.2	100.0	300	...	...	...
Hazel Park city	29	...	...	...	100.0	100.0	100.0	31.0	100.0	20.7	31.0	100.0	275	...	...	...
Highland Park city	99	7.1	77.8	49.5	100.0	91.9	91.9	7.1	76.8	33.3	19.2	43.4	315	163	159	...	
Hillsdale city	38	...	52.6	...	100.0	100.0	100.0	...	100.0	31.6	63.2	100.0	394	163	231	...	
Holland city	708	6.2	55.9	11.6	96.9	97.0	86.4	9.7	96.6	54.8	29.7	87.4	291	158	252	...	
Holly village	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Halt (CDP)	36	19.4	...	...	91.7	100.0	91.7	36.1	100.0	44.4	...	100.0	325	93	...	...
Houghton city	18	...	...	100.0	100.0	100.0	100.0	38.9	100.0	...	77.8	61.1	...	...	175	...
Howell city	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hudson city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hudsonville city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Huntington Woods city	22	...	...	...	100.0	100.0	100.0	72.7	100.0	72.7	...	100.0	536	225	...	...
Inkster city	158	17.1	3.8	18.4	100.0	100.0	100.0	40.5	95.6	59.5	30.4	86.7	317	171	269	...	
Ionia city	40	...	75.0	...	100.0	77.5	77.5	...	100.0	87.5	...	100.0	275	126	325	...	
Iron Mountain city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Iranwood city	13	53.8	46.2	...	100.0	100.0	100.0	46.2	100.0	46.2	46.2	100.0	...	...	...	...
Ishpeming city	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ithaca city	12	58.3	...	58.3	100.0	100.0	58.3	58.3	100.0	...	58.3	58.3	...	...	...	279
Jackson city	193	5.2	61.7	7.3	100.0	96.4	96.9	9.8	92.2	35.8	40.4	83.9	356	130	223	...	
Jenison (CDP)	20	60.0	...	30.0	60.0	30.0	100.0	40.0	100.0	100.0	...	100.0	294	...	...	...
Kalamazoo city	389	4.4	35.7	26.7	100.0	96.4	85.6	24.4	97.7	33.9	49.4	74.6	317	88	224	...	
Keega Harbor city	37	27.0	32.4	27.0	100.0	100.0	89.2	37.8	100.0	43.2	48.6	100.0	375	...	395	...	
Kentwood city	126	41.3	4.0	37.3	94.4	89.7	100.0	40.5	100.0	47.6	50.8	85.7	480	148	217	...	
Kingsford city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
K. I. Sawyer AFB (CDP)	61	11.5	...	6.6	100.0	100.0	100.0	11.5	100.0	77.0	77.0	88.5	...	...	189	...
Lake Fenton (CDP)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lake Orion village	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lake Orion Heights (CDP)	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lakeview (CDP)	41	...	26.8	14.6	58.5	14.6	100.0	43.9	100.0	78.0	...	85.4	298	163	...	...
Lambertville (CDP)	20	30.0	...	...	...	...	100.0	65.0	100.0	100.0	30.0	100.0	371	...	...	...
L'Anse village	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lansing city	1 850	18.6	37.5	16.1	99.6	99.2	93.6	25.4	97.9	48.4	38.8	85.1	303	140	238	...	
Lapeer city	21	26.8	48.8	26.8	100.0	100.0	92.7	43.9	100.0	17.1	58.5	82.9	364	...	236	...	
Lathrup Village city	42	18.2	...	...	100.0	100.0	100.0	50.0	100.0	100.0	40.9	100.0	696	350	...	...
Laurium village	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Level Park—Oak Park (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lincoln Park city	321	10.0	15.6	11.8	100.0	100.0	100.0	44.9	100.0	57.9	24.0	92.8	325	144	291	...	
Livonia city	272	23.9	...	8.8	98.2	98.2	100.0	41.2	100.0	80.9	26.8	100.0	426	221	374	...	
Lowell city	17	35.3	...	...	100.0	100.0	35.3	64.7	100.0	70.6	35.3	100.0	...	...	248	...
Ludington city	51	...	86.3	...	100.0	100.0	64.7	...	88.2	33.3	31.4	68.6	163	188	185	...	
Madison Heights city	48	41.7	10.4	20.8	100.0	100.0	100.0	75.0	100.0	47.9	12.5	100.0	373	113	358	...	
Manistee city	31	...	71.0	9.7	100.0	100.0	90.3	25.8	100.0	25.8	35.5	90.3	306	...	189	...	
Manistique city	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marine City city	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marquette city	28	75.0	25.0	17.9	100.0	100.0	100.0	17.9	100.0	25.0	57.1	100.0	...	...	257	...
Marshall city	52	15.4	73.1	15.4	84.6	75.0	73.1	15.4	84.6	48.1	40.4	76.9	325	163	171	...	
Marysville city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mason city	17	29.4	29.4	...	100.0	100.0	100.0	...	100.0	70.6	29.4	100.0	343	...	...	...
Melvindale city	98	...	12.2	...	100.0	100.0	100.0	59.2	100.0	48.0	16.3	100.0	341	140	...	...
Menominee city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Michigan Center (CDP)	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Midland city	189	31.7	8.5	12.7	100.0	100.0	93.1	34.4	100.0	61.9	32.3	94.2	451	108	303	...	
Miln city	18	...	38.9	...	100.0	100.0	88.9	16.7	100.0	83.3	44.4	100.0	454	...	...	...
Milford village	27	88.9	...	40.7	88.9	88.9	100.0	40.7	100.0	33.3	14.8	100.0	...	...	257	...
Monroe city	47	8.5	61.7	51.1	100.0	100.0	100.0	8.5	100.0	34.0	38.3	61.7	425	163	158	...	
Maunt Clemens city	72	16.7	25.0	27.8	100.0	100.0	86.1	54.2	100.0	38.9	20.8	100.0	361	...	264	...	
Mount Morris city	17	...	...	47.1	100.0	100.0	100.0	47.1	100.0	...	52.9	100.0	...	...	...	...
Mount Pleasant city	131	...	27.5	51.9	100.0	100.0	57.3	26.0	96.2	21.4	56.5	67.9	375	...	146	...	
Munising city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muskegon city	298	8.4	44.0	10.7	100.0	98.0	91.6	15.1	98.0	39.3	34.9	84.2	252	117	194	...	
Muskegon Heights city	109	...	42.2	20.2	100.0	100.0	79.8	14.7	92.7	30.3	19.3	71.6	321	99	196	...	
Negaunee city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Baltimore city	12	100.0	...	100.0	100.0	100.0	100.0	50.0	100.0	...	100.0	100.0	...	...	288	...
New Buffalo city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Niles city	78	...	48.7	24.4	100.0	91.0	57.7	16.7	100.0	6.4	25.6	39.7	...	135	187	...	
North Muskegon city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northview (CDP)	23	30.4	17.4	...	78.3	100.0	60.9	...	100.0	...	30.4	100.0	318	...	...	...
Narville city	13	...	38.5	...	100.0	100.0	100.0	38.5	100.0	38.5	...	38.5	...	...	...	...
Narton Shares city	112	10.7	8.9	...	84.8	21.4	86.6	4.5	95.5	66.1	16.1	84.8	272	188	287	...	
Narway city	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Navi city	53	43.4	...	9.4	34.0	43.4	86.8	43.4	100.0	32.1	32.1	100.0	650	254	500+	...	

Table 59. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

PLACES OF 2,500 OR MORE—Con.

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Total	Year structure built		Percent with—							1 or more vehicles available	With a mortgage	Not mortgaged		
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms					Householder moved into unit 1979 to March 1980
Oak Park city	150	18.0	4.0	—	100.0	100.0	100.0	77.3	100.0	80.7	16.7	95.3	367	146	397
Okemos (CDP)	43	60.5	—	81.4	81.4	100.0	86.0	60.5	86.0	18.6	67.4	100.0	—	—	271
Otsego city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Owosso city	70	—	78.6	7.1	100.0	91.4	75.7	14.3	100.0	47.1	37.1	45.7	361	160	238
Oxford village	10	—	100.0	—	100.0	100.0	100.0	—	—	—	—	100.0	—	—	263
Patterson Gardens (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paw Paw village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paw Paw Lake (CDP)	14	—	—	—	—	100.0	42.9	—	100.0	—	57.1	42.9	—	—	—
Pearl Beach (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Petaskey city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plainwell city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pleasant Ridge city	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plymouth city	13	—	38.5	—	100.0	100.0	100.0	69.2	100.0	38.5	30.8	69.2	—	—	—
Pontiac city	1 274	7.8	26.5	15.9	98.7	97.6	91.1	16.1	98.7	49.7	28.3	84.7	313	150	253
Portage city	124	37.1	4.8	21.8	65.3	50.8	84.7	62.1	100.0	48.4	41.9	87.9	464	154	247
Port Huron city	230	13.5	63.9	10.0	100.0	98.3	83.5	14.8	91.7	57.4	33.0	85.7	231	145	256
Portland city	11	72.7	27.3	27.3	100.0	100.0	72.7	—	100.0	100.0	—	100.0	425	—	—
Richmond city	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
River Rouge city	72	—	100.0	15.3	100.0	100.0	73.6	9.7	100.0	29.2	38.9	83.3	225	97	169
Riverview city	78	33.3	—	33.3	100.0	100.0	92.3	53.8	100.0	78.2	17.9	100.0	436	313	261
Rochester city	30	26.7	33.3	40.0	100.0	100.0	100.0	73.3	100.0	43.3	56.7	100.0	—	—	431
Rockford city	11	54.5	45.5	—	100.0	100.0	100.0	54.5	100.0	100.0	—	100.0	375	225	—
Rockwood city	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rogers City city	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Romeo village	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Romulus city	88	34.1	—	45.5	100.0	100.0	100.0	70.5	100.0	36.4	53.4	100.0	392	275	306
Roosevelt Park city	12	—	—	—	100.0	100.0	100.0	—	100.0	100.0	—	100.0	—	—	450
Roseville city	135	9.6	5.9	18.5	100.0	100.0	92.6	35.6	100.0	74.1	26.7	88.9	368	182	242
Royal Oak city	167	3.6	18.0	20.4	100.0	100.0	100.0	53.9	100.0	52.7	29.9	98.2	360	191	308
Saginaw city	1 904	6.1	43.9	6.6	100.0	100.0	83.8	19.0	99.1	47.8	28.3	81.8	274	140	242
St. Clair city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Clair Shores city	165	7.3	13.9	6.7	100.0	100.0	100.0	63.6	96.4	66.1	15.2	92.1	344	200	335
St. Ignace city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Johns city	35	42.9	5.7	20.0	94.3	94.3	100.0	37.1	100.0	65.7	37.1	48.6	417	188	199
St. Joseph city	11	—	—	—	100.0	100.0	100.0	45.5	100.0	45.5	—	100.0	—	—	—
St. Louis city	58	13.8	48.3	8.6	100.0	100.0	86.2	—	100.0	77.6	39.7	100.0	269	113	240
Saline city	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sault Ste. Marie city	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Southfield city	195	36.4	—	26.2	96.9	91.3	100.0	67.7	100.0	63.1	52.8	89.2	592	275	352
Southgate city	166	19.9	—	19.3	100.0	100.0	100.0	58.4	100.0	60.8	19.9	95.2	367	190	304
South Haven city	30	—	56.7	16.7	100.0	100.0	100.0	20.0	83.3	43.3	53.3	76.7	525	138	193
South Lyon city	19	70.6	—	29.4	100.0	100.0	58.8	29.4	100.0	70.6	100.0	100.0	657	—	—
South Monroe (CDP)	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sparta village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Springfield city	22	36.4	27.3	36.4	100.0	100.0	100.0	36.4	100.0	27.3	—	63.6	147	—	—
Springfield Place (CDP)	16	—	—	—	100.0	12.5	100.0	87.5	100.0	12.5	12.5	100.0	275	163	—
Spring Lake village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sterling Heights city	194	44.3	5.2	21.6	94.8	94.8	91.8	56.2	100.0	67.5	18.6	96.9	431	225	300
Sturgis city	20	—	35.0	—	100.0	65.0	100.0	35.0	65.0	35.0	65.0	35.0	—	—	181
Swartz Creek city	25	—	—	56.0	76.0	100.0	100.0	24.0	100.0	76.0	—	100.0	296	—	—
Taylor city	488	30.7	5.7	17.0	100.0	96.5	96.7	38.9	97.7	63.1	21.5	86.5	327	191	265
Tecumseh city	47	21.3	27.7	—	100.0	100.0	100.0	25.5	100.0	78.7	23.4	89.4	296	113	265
Three Rivers city	26	—	80.8	—	100.0	100.0	69.2	19.2	100.0	50.0	30.8	69.2	—	163	169
Traverse City city	10	—	100.0	—	100.0	100.0	100.0	—	100.0	—	100.0	50.0	—	—	202
Trenton city	52	50.0	15.4	15.4	100.0	100.0	100.0	44.2	100.0	53.8	48.1	100.0	347	163	232
Troy city	185	70.8	—	13.5	100.0	97.3	100.0	71.9	100.0	73.0	37.8	96.8	612	188	371
Utica city	18	33.3	66.7	66.7	100.0	100.0	100.0	—	100.0	33.3	—	100.0	—	—	244
Vandercook Lake (CDP)	16	—	—	—	100.0	100.0	100.0	56.3	100.0	100.0	56.3	100.0	—	—	—
Vassar city	26	—	26.9	—	100.0	100.0	53.8	—	100.0	73.1	—	73.1	325	138	—
Wakefield city	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Walker city	25	80.0	—	48.0	100.0	100.0	100.0	76.0	100.0	52.0	28.0	100.0	354	—	199
Walled Lake city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Warren city	416	15.1	4.3	9.4	100.0	99.0	89.7	47.8	98.6	62.5	32.0	93.5	386	181	314
Waterford (CDP)	315	29.2	4.8	26.0	79.4	72.4	94.9	44.8	100.0	55.2	27.3	95.6	391	149	341
Wayne city	80	23.8	20.0	20.0	100.0	100.0	93.8	57.5	100.0	30.0	32.5	82.5	345	—	248
Westland city	363	29.2	5.0	29.8	100.0	100.0	95.9	57.3	95.9	45.2	30.9	95.9	372	130	304
Westwood (CDP)	13	—	—	46.2	100.0	—	100.0	46.2	100.0	53.8	53.8	100.0	—	—	—
Whitehall city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
White Lake—Seven Horbars (CDP)	17	29.4	35.3	—	—	—	100.0	—	100.0	29.4	35.3	100.0	—	163	—
Whitmore Lake (CDP)	17	35.3	—	—	35.3	64.7	64.7	—	100.0	29.4	35.3	100.0	375	—	—
Williamston city	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wixom city	18	100.0	—	66.7	100.0	100.0	100.0	100.0	100.0	33.3	33.3	100.0	—	—	300
Wolf Lake (CDP)	22	—	31.8	—	—	—	31.8	100.0	—	—	36.4	100.0	239	—	—
Wolverine Lake village	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Woodhaven city	28	78.6	—	50.0	100.0	100.0	100.0	75.0	100.0	50.0	53.6	100.0	475	—	297
Wurtsmith AFB (CDP)	46	—	—	10.9	100.0	100.0	89.1	—	100.0	56.5	60.9	100.0	—	—	198
Wyandotte city	90	—	42.2	5.6	100.0	100.0	94.4	58.9	100.0	57.8	21.1	95.6	302	222	275
Wyoming city	332	26.2	9.6	19.9	97.9	97.9	97.3	36.4	100.0	58.4	28.0	98.2	321	153	218
Ypsilanti city	135	26.7	21.5	54.8	100.0	100.0	100.0	51.1	100.0	20.0	48.9	93.3	290	—	234
Zeeland city	14	—	71.4	—	100.0	100.0	100.0	28.6	71.4	28.6	28.6	100.0	258	—	—
COUNTIES															
Alcona	14	71.4	—	—	14.3	14.3	35.7	—	100.0	85.7	14.3	100.0	—	63	—
Alger	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Allegan	437	36.6	21.1	16.7	37.1	36.4	75.3	11.9	96.6	50.8	25.4	91.3	331	148	268
Alpena	20	65.0	—	—	40.0	40.0	100.0	35.0	100.0	55.0	50.0	90.0	469	—	—
Antrim	12	—	50.0	—	83.3	66.7	83.3	—	100.0	50.0	—	100.0	—	—	—
Arenac	37	29.7	40.5	16.2	24.3	21.6	54.1	21.6	91.9	43.2	32.4	91.9	275	108	—

Table 59. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied				
	Total	Year structure built		Percent with—								Householder moved into unit 1979 to March 1980	1 or more vehicles available		With a mortgage	Not mortgaged		
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms								
COUNTIES—Con.																		
Baraga	2
Barry	128	13.3	39.8	4.7	26.6	31.3	81.3	21.9	94.5	47.7	28.9	98.4	271	129	244	...	...
Bay	782	18.8	35.0	10.4	94.6	86.7	84.1	20.1	98.5	54.5	30.1	89.5	319	160	236	...	...
Benzie	18	11.1	50.0	—	61.1	61.1	50.0	—	100.0	33.3	22.2	100.0	...	...	...	...	...
Berrien	540	18.9	17.4	20.6	59.6	56.1	72.4	27.0	98.3	41.1	41.7	79.8	330	140	224	...	...
Branch	36	11.1	66.7	—	66.7	72.2	88.9	41.7	100.0	58.3	5.6	80.6	419	92	210	...	...
Calhoun	650	14.6	37.1	15.5	72.2	64.3	89.2	21.1	97.7	53.8	27.1	86.2	271	145	200	...	...
Cass	74	32.4	43.2	8.1	44.6	47.3	66.2	23.0	86.5	31.1	33.8	85.1	325	167	317	...	...
Charlevoix	11	9.1	63.6	—	54.5	54.5	90.9	—	90.9	63.6	72.7	100.0	...	...	...	...	...
Cheboygan	26	15.4	7.7	—	61.5	61.5	84.6	—	100.0	53.8	50.0	100.0	288	87	180	...	...
Chippewa	26	11.5	53.8	—	53.8	34.6	65.4	—	80.8	26.9	42.3	65.4	275	113	175	...	...
Clare	29	13.8	10.3	—	10.3	10.3	48.3	—	79.3	65.5	17.2	93.1	433	125	...	...	...
Chton	246	25.6	37.4	4.9	35.0	50.8	82.9	19.9	99.2	70.3	22.4	87.4	379	186	238	...	...
Crowford	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delta	16	—	31.3	—	62.5	62.5	31.3	—	100.0	31.3	31.3	100.0	...	...	...	...	...
Dickinson	22	—	9.1	—	90.9	—	54.5	—	100.0	100.0	—	54.5	200	113	...	...	...
Eaton	370	43.5	18.6	23.8	68.4	71.1	89.5	30.3	95.7	53.5	35.4	94.9	425	136	261	...	...
Emmet	11	81.8	—	—	—	—	36.4	—	81.8	63.6	36.4	100.0	...	...	...	...	...
Genesee	1 918	16.8	27.5	12.5	82.1	92.1	95.8	25.0	98.4	50.7	32.9	85.3	312	152	250	...	...
Gladwin	26	23.1	34.6	3.8	3.8	3.8	61.5	11.5	92.3	46.2	15.4	100.0	375	156	...	...	...
Gogebic	22	40.9	59.1	9.1	100.0	100.0	100.0	27.3	100.0	59.1	36.4	100.0	225	188	...	...	...
Grand Traverse	69	60.9	34.8	—	14.5	26.1	79.7	2.9	100.0	65.2	55.1	92.8	513	—	269	...	...
Graht	230	27.4	42.6	13.5	64.8	65.7	80.0	17.4	100.0	59.1	27.8	88.7	284	110	229	...	...
Hillsdale	75	10.7	56.0	—	65.3	60.0	74.7	2.7	100.0	44.0	52.0	97.3	369	154	238	...	...
Houghton	34	5.9	35.3	52.9	94.1	94.1	94.1	20.6	94.1	35.3	52.9	79.4	...	...	...	...	...
Huron	97	19.6	51.5	—	47.4	51.5	82.5	19.6	95.9	55.7	23.7	87.6	292	140	227	...	...
Ingham	2 410	19.8	32.2	20.7	95.3	95.7	93.2	26.2	97.2	46.5	39.3	87.1	314	144	240	...	...
Ionia	156	29.5	46.2	6.4	71.8	74.4	82.1	16.7	96.8	69.2	20.5	91.0	285	138	213	...	...
Iosco	90	35.6	—	18.9	68.9	68.9	84.4	6.7	100.0	54.4	60.0	95.6	361	225	193	...	...
Iran	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Isabella	223	17.0	21.5	30.9	67.3	64.1	66.8	16.6	97.8	37.2	46.2	76.7	360	113	196	...	...
Jackson	392	16.1	39.0	5.1	63.8	73.0	89.0	22.2	96.2	43.6	34.7	90.3	331	195	263	...	...
Kalamazoo	730	18.6	24.7	23.2	83.8	73.7	87.3	33.3	97.5	42.6	47.4	81.2	360	152	250	...	...
Kalkaska	12	—	—	—	—	—	—	—	100.0	100.0	—	100.0	...	...	...	...	...
Kent	2 247	15.1	40.1	12.1	93.7	92.3	90.3	21.6	96.4	51.6	41.1	83.4	317	147	207	...	...
Keweenaw	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...	...	...
Lake	20	30.0	25.0	—	35.0	15.0	75.0	20.0	100.0	80.0	35.0	70.0	375	181	...	...	...
Lapeer	282	39.0	27.3	8.2	50.7	46.8	83.0	17.0	97.5	57.8	37.6	92.2	366	169	239	...	...
Leelanau	14	14.3	42.9	—	42.9	—	57.1	—	100.0	57.1	21.4	100.0	338	96	...	...	...
Lenawee	1 116	15.6	39.0	9.5	69.4	70.4	85.6	20.3	97.4	60.8	22.0	91.0	341	169	239	...	...
Livingston	158	60.8	20.3	7.0	33.5	41.8	88.0	44.3	100.0	41.8	24.1	100.0	358	217	316	...	...
Luce	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mackinac	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...	...	...
Macomb	1 633	23.6	10.8	18.5	93.2	90.5	93.6	47.3	98.6	62.5	27.9	94.8	386	194	298	...	...
Manistee	68	5.9	54.4	7.4	60.3	51.5	76.5	16.2	95.6	52.9	30.9	94.1	307	175	234	...	...
Marquette	118	28.8	15.3	7.6	93.2	88.1	98.3	18.6	100.0	50.0	64.4	94.1	355	—	218	...	...
Mason	108	13.0	55.6	2.8	56.5	56.5	57.4	1.9	88.0	38.9	26.9	83.3	213	178	195	...	...
Mecosta	41	22.0	39.0	—	31.7	31.7	85.4	9.8	100.0	63.4	26.8	95.1	316	63	350	...	...
Menominee	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Midland	233	25.3	9.9	10.3	81.1	78.5	90.6	33.5	100.0	67.0	27.0	94.0	386	113	304	...	...
Missaukee	10	40.0	—	—	—	—	30.0	30.0	100.0	50.0	20.0	100.0	275	63	...	...	...
Monroe	367	32.4	20.4	15.0	49.3	38.1	81.5	25.1	94.3	63.8	28.9	88.8	359	155	212	...	...
Montcalm	137	20.4	38.0	8.8	41.6	41.6	69.3	4.4	91.2	56.2	33.6	94.9	327	114	178	...	...
Montmorency	12	41.7	16.7	16.7	16.7	16.7	41.7	25.0	100.0	58.3	25.0	75.0	225	138	...	...	...
Muskegon	755	11.9	30.7	8.5	74.3	65.4	86.0	14.0	97.1	50.1	22.3	86.5	261	136	214	...	...
Newaygo	147	35.4	21.1	8.2	16.3	25.2	63.3	3.4	95.9	45.6	23.1	96.6	350	153	232	...	...
Oakland	3 702	25.0	14.6	14.5	86.6	85.2	94.8	41.7	98.8	58.1	29.4	92.9	398	176	302	...	...
Oceana	185	29.2	24.9	3.8	36.2	31.9	58.9	4.3	88.6	52.4	36.8	93.0	321	144	230	...	...
Ogemaw	17	17.6	11.8	58.8	58.8	58.8	88.2	58.8	88.2	11.8	64.7	100.0	...	...	266	...	...
Ontonagon	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Osceola	28	39.3	42.9	7.1	35.7	28.6	64.3	—	100.0	32.1	25.0	92.9	212	125	...	...	...
Oscoda	—	—	—	—	—	—	—	—	—	—	—	—	...	...	...	...	...
Otsego	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ottawa	1 092	13.7	39.8	12.4	79.8	72.6	86.6	13.2	93.7	56.0	34.5	91.6	308	158	256	...	...
Presque Isle	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Roscommon	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Saginaw	3 165	15.2	32.3	6.2	90.2	86.3	86.2	19.4	99.0	54.8	24.4	85.6	318	138	247	...	...
St. Clair	449	19.4	47.0	7.3	80.6	72.6	80.0	15.1	91.1	55.0	34.1	87.3	291	154	255	...	...
St. Joseph	89	21.3	46.1	2.2	65.2	50.6	84.3	25.8	92.1	51.7	28.1	70.8	331	171	183	...	...
Sanilac	174	31.0	37.9	8.6	62.1	58.0	69.0	4.6	96.0	58.0	23.6	92.0	292	144	177	...	...
Schoolcraft	11	—	72.7	—	72.7	72.7	72.7	—	100.0	27.3	—	100.0	...	...	...	...	...
Shiawassee	155	11.0	55.5	3.2	76.8	67.1	85.8	11.0	100.0	52.9	33.5	74.2	296	147	238	...	...
Tuscola	230	22.6	39.6	7.4	52.6	45.7	70.4	10.0	97.0	67.0	25.7	86.5	327	128	251	...	...
Van Buren	293	29.4	35.5	11.6	58.0	44.7	71.0	21.2	89.4	49.5	37.9	91.5	299	156	218	...	...
Washtenaw	1 109	33.7	16.0	44.6	89.9	89.2	96.6	51.3	98.7	34.5	50.8	86.9	509	238	282	...	...
Wayne	13 096	8.7	44.1	15.1	99.7	99.9	91.2	33.8	96.8	54.5	26.5	79.2	327	162	227	...	...
Wexford	34	23.5	44.1	—	32.4	47.1	58.8	8.8	94.1	58.8	26.5	100.0	275	150	...	...	...

Table 59a. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 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)

Towns/Townships of 2,500 or More	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Acme township	17	47.1	52.9	—	—	47.1	100.0	—	100.0	100.0	47.1	100.0	...	...	...
Ada township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Addison township	14	64.3	—	—	—	—	100.0	—	100.0	100.0	—	100.0	439	—	—
Adrian township	67	28.4	17.9	—	—	11.9	91.0	13.4	89.6	68.7	22.4	100.0	443	211	...
Alaiedon township	26	57.7	—	—	—	—	100.0	50.0	100.0	100.0	57.7	100.0	485	—	—
Alamo township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Albee township	25	44.0	32.0	—	—	—	84.0	—	100.0	32.0	16.0	100.0	625	188	...
Algoma township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Allegan township	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Allendale township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Almena township	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Almer township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Almont township	14	14.3	64.3	—	57.1	57.1	42.9	—	100.0	85.7	14.3	100.0	325	160	...
Alpena township	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alpine township	19	42.1	21.1	—	78.9	78.9	100.0	—	57.9	21.1	78.9	57.9	—	—	...
Ann Arbor township	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Antwerp township	46	41.3	32.6	4.3	87.0	52.2	82.6	30.4	100.0	58.7	21.7	95.7	280	137	221
Arbela township	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Argentine township	12	33.3	—	—	33.3	—	100.0	—	100.0	100.0	33.3	100.0	—	275	—
Armadale township	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ash township	22	50.0	22.7	9.1	72.7	72.7	90.9	27.3	90.9	77.3	54.5	100.0	613	100	...
Atlas township	14	100.0	—	—	—	—	100.0	—	100.0	100.0	57.1	100.0	556	—	—
Attica township	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Augusta township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avon township	114	57.9	7.0	10.5	84.2	84.2	100.0	42.1	100.0	72.8	30.7	100.0	573	225	371
Bagley township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bainbridge township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bangor township, Bay County	57	35.1	8.8	10.5	91.2	70.2	100.0	8.8	100.0	40.4	49.1	100.0	239	—	229
Barago township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Baroda township	13	—	100.0	—	—	38.5	15.4	15.4	100.0	15.4	38.5	100.0	...	...	238
Barry township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bath township	21	—	42.9	—	—	42.9	66.7	—	100.0	100.0	—	100.0	239	—	—
Battle Creek township	66	7.6	16.7	16.7	68.2	19.7	100.0	62.1	100.0	57.6	10.6	90.9	288	163	277
Beaumont township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Beaumont township, Bay County	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bedford township, Calhoun County	33	39.4	21.2	—	18.2	—	100.0	—	100.0	60.6	57.6	84.8	198	138	238
Bedford township, Monroe County	63	27.0	7.9	—	38.1	28.6	92.1	28.6	100.0	74.6	28.6	100.0	480	138	...
Bellevue township	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bennington township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Benton township, Berrien County	61	21.3	—	9.8	44.3	62.3	72.1	11.5	100.0	78.7	13.1	100.0	277	275	178
Berlin township, Ionia County	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Berlin township, Monroe County	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Berrien township	12	—	16.7	—	33.3	33.3	33.3	—	100.0	16.7	—	100.0	...	...	288
Birch Run township	18	72.2	5.6	5.6	27.8	27.8	100.0	38.9	100.0	94.4	55.6	100.0	346	—	—
Blackman township	11	36.4	63.6	36.4	36.4	100.0	36.4	36.4	100.0	—	—	63.6	375	—	—
Blair township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Blendon township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blissfield township	16	—	100.0	—	100.0	100.0	31.3	—	100.0	100.0	—	100.0	425	188	...
Bloomfield township, Oakland County	138	29.0	—	11.6	83.3	81.9	100.0	65.2	100.0	70.3	18.8	100.0	775	235	375
Boston township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brady township, Kalamazoo County	19	31.6	31.6	—	36.8	—	100.0	31.6	100.0	68.4	—	100.0	325	88	—
Brandon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Breitung township	20	—	—	—	100.0	—	50.0	—	—	100.0	—	50.0	200	—	—
Bridgeport township	202	42.6	5.9	7.4	91.1	76.2	96.5	15.3	100.0	80.7	24.3	91.1	375	—	284
Brighton township	30	80.0	—	—	—	—	100.0	56.7	100.0	66.7	13.3	100.0	775	225	...
Brownstown township	117	47.9	14.5	23.1	100.0	86.3	87.2	34.2	95.7	59.0	20.5	100.0	392	142	277
Bruce township, Macomb County	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buchanan township	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buena Vista township	279	15.4	21.1	—	75.6	74.2	93.2	9.7	97.5	62.4	16.1	84.6	318	122	236
Burns township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Burr Oak township	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Burtchville township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Byron township	27	51.9	48.1	29.6	55.6	100.0	74.1	44.4	100.0	48.1	25.9	100.0	—	—	199
Caledonia township, Kent County	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Caledonia township, Shiawassee County	17	...	...	...	70.6	29.4	100.0	29.4	100.0	—	70.6	100.0	...	...	221
Calumet township	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cambridge township	13	30.8	46.2	—	23.1	23.1	100.0	23.1	100.0	100.0	23.1	100.0	286	—	—
Cannon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Canton township	170	91.8	5.3	12.4	96.5	100.0	94.7	54.7	100.0	61.8	25.9	100.0	590	275	318
Carrollton township	123	13.8	22.8	—	100.0	91.9	81.3	12.2	100.0	49.6	13.8	91.9	368	138	317
Cascade township	12	66.7	33.3	—	—	—	100.0	66.7	100.0	100.0	66.7	100.0	1000+	—	—
Casco township, Allegan County	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Casco township, St. Clair County	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Castleton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chesaning township	68	27.9	27.9	—	39.7	39.7	76.5	42.6	100.0	54.4	29.4	77.9	306	138	98
Chesterfield township	54	57.4	—	24.1	88.9	75.9	100.0	46.3	100.0	75.9	33.3	100.0	510	—	270
Chikaming township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chikappa township, Isabella County	12	58.3	—	—	—	—	100.0	—	100.0	41.7	—	100.0	...	...	...
Chocolay township	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clay township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clayton township, Genesee County	34	20.6	38.2	—	—	20.6	100.0	14.7	100.0	64.7	20.6	100.0	—	233	...
Clinton township, Lenawee County	16	12.5	75.0	12.5	25.0	25.0	87.5	—	100.0	87.5	50.0	100.0	...	...	...
Clinton township, Macomb County	193	43.0	3.6	27.5	96.9	96.9	100.0	63.2	100.0	71.0	22.8	91.2	353	275	318
Clyde township, St. Clair County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Coe township	20	80.0	—	—	15.0	30.0	75.0	15.0	100.0	35.0	65.0	100.0	...	...	325
Coldwater township, Branch County	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 59a. **Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 1980—Con.**

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

Towns/Townships of 2,500 or More

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete both-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With mortgage		Not mortgaged
1970 to March 1980	1939 or earlier														
Coloma township	26	—	46.2	—	—	53.8	23.1	—	76.9	23.1	53.8	69.2	450	—	288
Colon township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Columbia township, Jackson County	16	—	18.8	—	18.8	18.8	81.3	37.5	100.0	81.3	37.5	81.3	—	—	364
Columbus township, St. Clair County	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Commerce township	10	60.0	—	40.0	40.0	40.0	60.0	60.0	100.0	40.0	—	100.0	325	—	—
Comstock township	12	—	41.7	—	—	—	100.0	—	100.0	100.0	—	58.3	575	—	—
Constantine township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cooper township	20	65.0	—	—	30.0	30.0	100.0	—	100.0	70.0	30.0	100.0	400	—	—
Cottrellville township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Courtland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Covert township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Crockery township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dalton township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Davison township	53	49.1	18.9	11.3	22.6	67.9	100.0	22.6	100.0	83.0	17.0	100.0	297	146	—
Decatur township	36	36.1	38.9	13.9	58.3	58.3	83.3	33.3	94.4	55.6	33.3	91.7	256	211	212
Deerfield township, Lapeer County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Deerfield township, Livingston County	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Delhi township	38	18.4	—	—	86.8	100.0	92.1	39.5	100.0	47.4	—	100.0	333	93	—
Delta township	89	48.3	9.0	38.2	85.4	85.4	80.9	39.3	94.4	64.0	34.8	100.0	489	—	383
Denmark township	15	13.3	46.7	20.0	100.0	100.0	66.7	20.0	100.0	46.7	—	100.0	—	—	—
Denton township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
De Witt township	63	36.5	30.2	—	30.2	66.7	92.1	22.2	100.0	61.9	23.8	87.3	473	225	263
Dexter township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Darr township	23	100.0	—	—	—	—	100.0	—	100.0	69.6	30.4	100.0	325	—	—
Dryden township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dundee township	15	46.7	—	—	20.0	—	100.0	20.0	100.0	100.0	—	100.0	575	—	—
East Bay township	19	100.0	—	—	—	—	63.2	—	100.0	63.2	68.4	100.0	—	—	223
East China township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Easton township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eaton township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Eaton Rapids township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Egelston township	36	—	19.4	—	—	19.4	83.3	—	100.0	16.7	22.2	100.0	239	—	—
Elba township, Lapeer County	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elkland township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elmwood township, Leelanau County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emmett township, Calhoun County	31	—	38.7	41.9	54.8	80.6	80.6	19.4	100.0	19.4	25.8	100.0	—	88	185
Erie township	33	15.2	—	—	84.8	—	66.7	—	81.8	48.5	—	100.0	264	98	—
Esconaba township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exeter township	14	64.3	21.4	—	—	21.4	100.0	—	100.0	100.0	14.3	85.7	—	163	—
Fabius township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fayette township	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fenton township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Flint township	90	41.1	4.4	21.1	57.8	100.0	100.0	32.2	100.0	46.7	48.9	100.0	417	163	278
Flushing township	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forest township, Genesee County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forsyth township	71	18.3	8.5	—	91.5	83.1	100.0	18.3	100.0	60.6	63.4	90.1	—	—	193
Fort Gratiot township	19	36.8	—	36.8	100.0	36.8	100.0	36.8	100.0	63.2	36.8	100.0	525	113	—
Frankenlust township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Froser township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fremont township, Tuscola County	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Frenchtown township	19	63.2	—	63.2	63.2	63.2	100.0	63.2	100.0	—	63.2	100.0	—	—	275
Fruitland township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fruitport township	24	33.3	8.3	8.3	8.3	8.3	66.7	41.7	100.0	58.3	—	100.0	225	138	—
Gaines township, Genesee County	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gaines township, Kent County	12	41.7	—	—	41.7	41.7	100.0	41.7	100.0	58.3	—	41.7	163	63	—
Garfield township, Grand Traverse County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Genesee township	77	27.3	16.9	—	39.0	100.0	100.0	29.9	100.0	58.4	29.9	77.9	392	150	271
Geneva township, Van Buren County	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Genoa township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Georgetown township	34	55.9	—	17.6	76.5	17.6	100.0	23.5	100.0	100.0	—	100.0	297	—	—
Grand Blanc township	98	48.0	8.2	62.2	67.3	94.9	100.0	60.2	91.8	37.8	44.9	94.9	685	—	319
Grand Haven township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grand Rapids township	13	53.8	—	—	—	—	100.0	—	100.0	100.0	—	100.0	275	—	—
Grass Lake township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grafton township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grayling township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Green township, Mecosta County	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Green Lake township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Green Oak township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grosse Ile township	12	41.7	—	—	100.0	100.0	100.0	—	100.0	100.0	—	100.0	575	188	—
Grasse Pointe township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Graveland township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gunplain township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hadley township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hagar township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hamburg township	11	36.4	—	—	36.4	36.4	100.0	—	100.0	63.6	—	100.0	325	—	—
Hamlin township, Mason County	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hampton township	65	63.1	7.7	56.9	100.0	83.1	100.0	46.2	100.0	20.0	41.5	100.0	313	—	222
Handy township	12	58.3	—	41.7	100.0	100.0	100.0	100.0	100.0	58.3	41.7	100.0	—	—	—
Hanover township, Jackson County	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Haring township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Harrison township	118	19.5	22.0	41.5	94.9	84.7	94.9	24.6	94.9	36.4	62.7	100.0	485	—	301
Hartford township	10	60.0	40.0	—	—	—	40.0	—	100.0	—	40.0	100.0	—	—	175
Hartland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hastings township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hoyes township, Clare County	12	—	—	—	—	—	50.0	—	50.0	50.0	—	100.0	425	113	—

Table 59a. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Henrietta township	15	40.0	33.3	—	—	—	—	100.0	73.3	33.3	100.0	...	...	...
Highland township, Oakland County	17	29.4	35.3	—	—	—	70.6	29.4	100.0	—	100.0	...	163	—	
Holland township, Ottawa County	211	27.5	6.6	36.0	64.9	36.0	81.5	28.4	87.7	46.0	47.4	323	142	274	
Holly township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Home township, Montcalm County	15	13.3	20.0	...	20.0	20.0	66.7	...	100.0	60.0	26.7	233	113	...	
Homer township, Calhoun County	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Homer township, Midland County	12	...	...	...	...	...	100.0	58.3	100.0	100.0	...	357	...	...
Hope township, Barry County	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Howard township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Howell township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Huron township, Wayne County	14	35.7	—	—	64.3	35.7	64.3	—	100.0	64.3	35.7	100.0
Ida township	14	57.1	—	—	—	—	100.0	42.9	100.0	100.0	...	...	163	...
Independence township	37	51.4	16.2	—	16.2	16.2	83.8	16.2	83.8	67.6	16.2	490	138	...	
Indianfields township	44	13.6	59.1	15.9	75.0	86.4	100.0	15.9	100.0	84.1	25.0	290	...	260	
Ingersoll township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Ionia township	10	60.0	...	...	...	20.0	100.0	...	100.0	80.0	40.0	...	...	...
Iro township	11	54.5	—	—	100.0	100.0	54.5	54.5	100.0	—	100.0	...	...	...
Ishpeming township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamestown township	11	...	...	...	...	...	...	...	...	...	...	...	...	...
Jefferson township, Hillsdale County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jerome township	10	50.0	20.0	—	30.0	—	100.0	50.0	100.0	50.0	—	460	—	—	
Johnstown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kalamazoo township	81	29.6	8.6	13.6	91.4	59.3	90.1	37.0	100.0	53.1	84.0	361	204	263	
Kalkaska township	12	...	...	...	...	...	...	...	100.0	100.0	...	...	...	238
Kawkawlin township	16	—	—	50.0	100.0	50.0	100.0	—	100.0	50.0	50.0	...	...	287
Keeler township	15	60.0	26.7	13.3	26.7	33.3	60.0	13.3	86.7	60.0	53.3	...	...	287
Kimball township	12	50.0	50.0	—	—	—	50.0	50.0	100.0	50.0	—	225	—	—	
Kochville township	11	45.5	—	—	45.5	27.3	100.0	—	81.8	72.7	45.5	...	...	...
La Grange township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Laketown township	12	...	...	...	...	...	100.0	...	100.0	100.0	...	225	138	...
Laketown township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
L'Anse township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lansing township	113	15.9	23.9	21.2	100.0	100.0	100.0	19.5	94.7	51.3	54.0	328	—	270	
Lapeer township	17	100.0	—	—	—	—	100.0	47.1	100.0	100.0	100.0	753	—	—	
Larkin township	1	...	...	...	...	...	...	...	...	...	...	...	...	...
La Salle township	16	—	31.3	—	31.3	—	18.8	31.3	31.3	81.3	—	575	158	—	
Lawrence township	30	—	76.7	10.0	76.7	16.7	6.7	36.7	53.3	—	46.7	100.0	...	238	
Lee township, Midland County	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Leighton township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Lenox township	21	23.8	61.9	14.3	47.6	47.6	85.7	9.5	100.0	57.1	—	275	171	...	
Leoni township	15	—	—	—	—	33.3	60.0	33.3	100.0	40.0	—	275	—	...	
Le Roy township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Leroy township	17	11.8	35.3	—	64.7	64.7	100.0	—	100.0	—	64.7	100.0	...	...
Lexington township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Lima township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Lincoln township, Berrien County	28	78.6	—	10.7	39.3	10.7	78.6	57.1	100.0	50.0	60.7	525	—	339	
Lockport township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Lodi township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
London township	14	—	28.6	—	—	—	71.4	—	100.0	100.0	—	375	225	...	
Long Lake township	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Lowell township	13	53.8	—	—	—	—	100.0	—	46.2	—	100.0	100.0	...	...
Lyon township, Oakland County	21	38.1	28.6	—	38.1	38.1	100.0	71.4	100.0	61.9	33.3	754	...	...
Lyons township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
McMillan township, Luce County	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Mocomb township	19	68.4	—	—	100.0	68.4	100.0	—	100.0	36.8	100.0	625	—	...	
Madison township	99	16.2	20.2	—	5.1	43.4	88.9	23.2	100.0	65.7	6.1	420	123	...	
Mancelono township	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Manchester township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Manistee township	12	16.7	58.3	—	—	—	100.0	—	100.0	100.0	16.7	100.0	...	...
Maple Grove township, Saginaw County	17	—	35.3	—	—	—	64.7	64.7	100.0	35.3	—	...	...	...
Marathon township	13	53.8	46.2	23.1	61.5	61.5	76.9	—	100.0	76.9	46.2	76.9	...	...
Marion township, Livingston County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marlette township	6	...	...	...	...	...	...	...	...	...	...	...	...	...
Marquette township, Marquette County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Marshall township	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Moyfield township, Lapeer County	35	45.7	—	—	28.6	28.6	82.9	17.1	100.0	82.9	28.6	404	—	...	
Mendon township	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Menominee township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Meridian township	132	62.1	8.3	45.5	80.3	90.9	84.8	50.0	95.5	40.9	40.2	630	147	308	
Metomora township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Millford township	35	91.4	—	31.4	68.6	68.6	100.0	54.3	100.0	25.7	11.4	763	—	257	
Millington township	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Mills township, Ogemaw County	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Monitor township	13	53.8	—	—	100.0	—	100.0	—	100.0	46.2	53.8	46.2	...	...
Monroe township, Monroe County	16	100.0	—	56.3	100.0	100.0	100.0	56.3	100.0	43.8	—	43.8	...	...
Montcalm township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Montrose township	8	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Morris township	180	21.7	4.4	7.8	91.7	89.4	95.6	25.6	100.0	63.3	22.8	273	167	293	
Mundy township	7	...	...	...	...	...	...	...	...	...	...	...	...	...
Muskegon township	73	24.7	13.7	6.8	37.0	38.4	91.8	23.3	100.0	87.7	—	267	146	...	
Mussey township	34	5.9	32.4	—	44.1	44.1	61.8	8.8	100.0	61.8	20.6	275	137	263	
Napoleon township	27	—	—	—	—	51.9	100.0	—	100.0	18.5	—	96	—	...	
Nelson township	4	...	...	...	...	...	...	...	...	...	...	...	...	...
New Buffalo township	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Niles township	28	21.4	—	17.9	32.1	50.0	100.0	39.3	100.0	82.1	21.4	313	113	...	
North Branch township	5	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 59a. **Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 1980—Con.**

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

Towns/Townships of 2,500 or More

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Northfield township	22	27.3	—	—	27.3	22.7	72.7	27.3	100.0	72.7	27.3	100.0	390	—	—
Northville township	22	68.2	31.8	31.8	68.2	68.2	100.0	68.2	100.0	68.2	100.0	100.0	—	—	125
Nottawa township, St. Joseph County	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oakfield township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oakland township	15	100.0	—	—	40.0	40.0	100.0	—	100.0	60.0	40.0	100.0	—	400+	—
Oceola township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ddessa township	47	21.3	51.1	2.1	100.0	100.0	85.1	17.0	93.6	68.1	29.8	83.0	356	225	198
Dneido township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ontonagon township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ontwa township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Orcngeville township	42	26.2	16.7	4.8	4.8	14.3	73.8	4.8	100.0	57.1	9.5	100.0	225	125	319
Oregon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Orion township	52	23.1	17.3	—	11.5	11.5	76.9	17.3	100.0	65.4	17.3	100.0	559	—	—
Oronoko township	150	25.3	—	39.3	60.0	50.0	82.0	22.7	100.0	34.7	65.3	100.0	439	—	195
Oscoda township	68	29.4	—	25.0	91.2	91.2	83.8	—	100.0	50.0	73.5	100.0	—	—	195
Oshkema township	27	66.7	—	100.0	100.0	100.0	100.0	100.0	77.8	—	66.7	100.0	—	—	254
Orsego township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ovid township, Clinton County	38	5.3	68.4	—	50.0	50.0	73.7	10.5	100.0	76.3	13.2	92.1	233	113	—
Dwosso township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oxford township	27	40.7	37.0	—	55.6	77.8	100.0	22.2	63.0	—	40.7	100.0	—	—	263
Park township, Ottawa County	71	38.0	—	—	—	9.9	100.0	22.5	100.0	81.7	28.2	100.0	348	—	325
Park township, St. Joseph County	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Parma township	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pavilion township	13	46.2	—	—	—	—	53.8	—	100.0	46.2	46.2	100.0	775	225	—
Paw Paw township	10	100.0	—	—	—	—	100.0	60.0	100.0	60.0	—	100.0	—	—	—
Peninsula township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pennfield township	57	38.6	—	28.1	54.4	54.4	100.0	38.6	100.0	59.6	14.0	100.0	270	—	237
Perry township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pinconning township	10	—	—	30.0	30.0	30.0	—	—	70.0	—	70.0	100.0	—	—	187
Pittsfield township	62	75.8	14.5	40.3	61.3	61.3	100.0	75.8	100.0	38.7	51.6	100.0	533	—	300
Plainfield township, Iosco County	13	53.8	—	—	—	—	100.0	46.2	100.0	100.0	—	100.0	354	—	—
Plainfield township, Kent County	23	30.4	17.4	—	78.3	100.0	60.9	—	100.0	—	30.4	100.0	318	—	—
Plymouth township	34	64.7	—	—	100.0	100.0	100.0	82.4	—	100.0	—	85.3	386	—	—
Pontiac township	88	23.9	10.2	13.6	68.2	78.4	100.0	55.7	100.0	54.5	59.1	100.0	388	—	288
Portage township, Houghton County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Porter township, Coss County	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Port Huron township	45	11.1	37.8	—	100.0	75.6	75.6	—	73.3	46.7	64.4	73.3	—	—	255
Portsmouth township	35	17.1	34.3	34.3	100.0	82.9	65.7	28.6	100.0	51.4	17.1	100.0	575	188	87
Prairieville township	26	—	38.5	—	—	—	65.4	26.9	100.0	26.9	73.1	100.0	—	—	249
Putnam township	14	100.0	—	—	—	—	57.1	—	100.0	42.9	—	100.0	344	—	—
Quincy township, Branch County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Raisin township	78	33.3	10.3	—	39.7	6.4	85.9	26.9	93.6	47.4	6.4	100.0	271	159	201
Raisinville township	13	46.2	—	—	—	—	46.2	46.2	100.0	46.2	53.8	46.2	—	—	—
Roy township	11	—	45.5	—	—	—	45.5	—	100.0	45.5	54.5	100.0	—	—	—
Redford township	155	3.9	7.1	5.2	100.0	100.0	97.4	55.5	100.0	73.5	11.0	91.0	324	168	342
Richfield township, Genesee County	12	58.3	—	—	—	—	41.7	100.0	—	100.0	—	100.0	—	—	—
Richfield township, Roscommon County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Richland township, Kalamazoo County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Richland township, Saginaw County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rives township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Robinson township	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rollin township	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Roscommon township	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rose township, Oakland County	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ross township	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Royal Oak township	17	—	—	41.2	100.0	100.0	100.0	41.2	100.0	—	58.8	41.2	—	—	148
Royalton township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Saginaw township	250	43.6	3.2	18.0	96.8	94.4	97.6	34.8	100.0	76.4	19.2	98.0	423	179	333
St. Charles township	15	20.0	66.7	13.3	53.3	53.3	53.3	13.3	100.0	20.0	20.0	100.0	—	—	—
St. Clair township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Joseph township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Salem township, Washtenaw County	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sandstone township	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Saugatuck township	45	8.9	57.8	8.9	60.0	33.3	75.6	—	100.0	64.4	17.8	60.0	375	113	256
Schoolcraft township, Kalamazoo County	12	—	41.7	—	100.0	100.0	100.0	—	100.0	58.3	58.3	58.3	—	—	—
Scio township	10	—	100.0	—	30.0	30.0	100.0	20.0	100.0	90.0	—	100.0	—	—	—
Sebewaing township	17	—	58.8	—	100.0	100.0	82.4	17.6	100.0	41.2	23.5	70.6	—	—	238
Shelby township, Macomb County	56	19.6	—	8.9	48.2	8.9	87.5	26.8	100.0	58.9	12.5	100.0	431	173	—
Shelby township, Oceano County	44	22.7	25.0	4.5	50.0	45.5	54.5	—	93.2	68.2	6.8	95.5	238	113	213
Sherman township, St. Joseph County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shiawassee township	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Silver Creek township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Solon township, Kent County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Somerset township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Southfield township	25	—	24.0	—	100.0	100.0	100.0	76.0	100.0	76.0	—	100.0	646	—	—
South Haven township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sparta township	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spaulding township	67	20.9	—	—	88.1	23.9	89.6	22.4	100.0	68.7	11.9	89.6	327	127	—
Spring Arbor township	23	60.9	—	—	—	100.0	100.0	65.2	100.0	39.1	73.9	100.0	—	—	406
Springfield township, Oakland County	52	76.9	13.5	15.4	15.4	15.4	100.0	40.4	100.0	65.4	11.5	100.0	350	138	—
Spring Lake township	12	41.7	58.3	—	41.7	41.7	100.0	—	100.0	100.0	41.7	100.0	425	—	—
Stockbridge township	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Summerfield township, Monroe County	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Summit township, Jackson County	58	20.7	17.2	—	70.7	63.8	100.0	65.5	100.0	65.5	25.9	100.0	309	—	342
Sumpter township	24	—	—	—	70.8	—	70.8	20.8	100.0	70.8	—	70.8	425	—	—
Superior township, Washtenaw County	12	—	—	—	100.0	100.0	100.0	50.0	100.0	50.0	—	100.0	—	—	—

Table 59a. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More

	Occupied housing units											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
	Percent with—														
	Total	Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage		Not mortgaged
		1970 to March 1980	1939 or earlier												
Surrey township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Swan Creek township	11	—	54.5	—	100.0	—	100.0	—	100.0	45.5	—	100.0	—	—	
Sylvan township, Washtenaw County	17	35.3	—	35.3	58.8	58.8	100.0	35.3	100.0	23.5	35.3	100.0	411	—	
Tollmadge township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Taymouth township	17	—	—	—	—	—	100.0	35.3	100.0	64.7	—	100.0	285	—	
Texas township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Thefford township	30	46.7	33.3	—	46.7	46.7	100.0	13.3	100.0	40.0	36.7	86.7	425	—	
Thomas township	14	100.0	—	57.1	100.0	100.0	100.0	57.1	100.0	42.9	57.1	100.0	—	—	
Thornapple township	6	—	—	—	—	—	—	—	—	—	—	—	—	—	
Three Oaks township	5	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tittabawassee township	40	—	—	—	47.5	35.0	77.5	12.5	100.0	37.5	—	77.5	—	142	
Tyrone township, Kent County	20	30.0	35.0	—	20.0	45.0	70.0	—	100.0	65.0	45.0	100.0	231	—	
Tyrone township, Livingston County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Unadilla township	13	30.8	69.2	—	—	—	100.0	30.8	100.0	46.2	—	100.0	300	163	
Union township, Branch County	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
Union township, Isabella County	26	19.2	—	—	50.0	19.2	69.2	—	100.0	61.5	19.2	61.5	—	87	
Van Buren township	51	78.4	—	41.2	100.0	90.2	100.0	64.7	90.2	35.3	64.7	76.5	343	—	
Vassar township	15	100.0	—	—	—	—	33.3	—	100.0	33.3	66.7	100.0	—	—	
Venice township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Vernon township, Shiawassee County	8	—	—	—	—	—	—	—	—	—	—	—	—	—	
Vevoy township	23	26.1	—	—	26.1	26.1	73.9	26.1	100.0	100.0	26.1	100.0	—	188	
Vieno township, Genesee County	25	28.0	24.0	—	—	52.0	100.0	28.0	100.0	76.0	28.0	100.0	325	113	
Washington township, Macomb County	26	38.5	26.9	—	15.4	42.3	100.0	38.5	100.0	100.0	—	100.0	580	—	
Waterford township	315	29.2	4.8	26.0	79.4	72.4	94.9	44.8	100.0	55.2	27.3	95.6	391	149	
Watertown township, Clinton County	11	45.5	—	—	—	—	45.5	—	100.0	45.5	45.5	100.0	675	—	
Watervliet township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wayne township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Webster township	4	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wells township, Delto County	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
West Bloomfield township	126	52.4	3.2	—	62.7	59.5	100.0	67.5	100.0	94.4	13.5	100.0	752	350	
Wheeler township	36	2.8	58.3	11.1	55.6	55.6	80.6	30.6	100.0	58.3	13.9	86.1	243	88	
Whiteford township	37	37.8	—	13.5	13.5	13.5	51.4	37.8	100.0	62.2	86.5	100.0	—	185	
White Lake township	48	25.0	—	—	27.1	—	100.0	25.0	100.0	60.4	37.5	100.0	513	—	
White Pigeon township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Williams township	14	42.9	—	—	71.4	—	—	—	—	—	—	—	—	—	
Williamston township	—	—	—	—	—	—	100.0	—	100.0	28.6	28.6	100.0	—	288	
Windsor township	30	13.3	30.0	—	—	26.7	90.0	6.7	100.0	83.3	6.7	80.0	481	—	
Woodhull township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Woodstock township	13	—	38.5	15.4	38.5	38.5	61.5	—	84.6	61.5	38.5	100.0	275	—	
Worth township	9	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wright township, Ottawa County	15	—	—	—	—	—	—	—	—	—	—	—	—	—	
York township	8	—	—	100.0	100.0	100.0	—	—	—	—	100.0	100.0	—	—	
Ypsilanti township	158	49.4	8.9	50.0	100.0	100.0	90.5	79.7	100.0	34.8	54.4	96.2	372	—	
Zeeland township	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table 60. Structural Characteristics: 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]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

YEAR STRUCTURE BUILT

	Urban						Rural					
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Year-round housing units	3 450 696	2 432 286	2 143 266	840 630	1 302 636	103 165	185 855	1 018 410	96 147	55 460	2 785 106	665 590
1979 to March 1980	90 903	52 325	45 223	6 189	39 034	2 453	7 649	38 578	2 282	6 635	71 474	19 429
1975 to 1978	259 703	141 411	122 112	14 465	107 647	6 514	12 785	118 292	5 855	2 459	194 505	65 198
1970 to 1974	410 848	241 349	213 272	34 392	178 880	9 076	19 001	169 507	8 999	3 433	315 751	95 105
1960 to 1969	614 442	431 084	396 187	81 593	314 594	13 849	21 048	183 358	11 167	4 686	503 781	110 661
1950 to 1959	653 075	517 246	478 235	142 918	335 317	15 738	23 273	135 829	13 324	3 657	566 762	86 313
1940 to 1949	468 983	377 902	347 340	190 318	157 022	11 882	18 680	91 081	11 911	3 424	408 126	60 857
1939 or earlier	952 734	670 969	540 897	370 755	170 142	43 653	86 419	281 765	42 609	37 166	724 707	228 027
Owner-occupied housing units	2 321 972	1 570 083	1 388 311	457 782	930 529	62 511	119 261	751 889	65 038	50 013	1 887 388	434 584
1979 to March 1980	51 729	24 561	21 992	1 506	20 486	702	1 867	27 168	992	617	41 277	10 452
1975 to 1978	172 068	78 462	69 148	3 721	65 427	3 328	5 986	93 606	3 613	2 372	128 413	43 655
1970 to 1974	252 187	122 587	107 683	9 541	98 142	4 242	10 662	129 600	5 662	3 220	189 447	62 740
1960 to 1969	406 523	271 899	251 348	35 492	215 856	7 758	12 793	134 624	7 679	4 404	338 207	68 316
1950 to 1959	508 202	410 253	381 712	93 983	287 729	11 613	16 928	97 949	9 349	3 336	453 044	55 158
1940 to 1949	316 623	253 727	234 082	112 636	121 446	7 506	12 139	62 896	7 812	2 963	278 622	38 001
1939 or earlier	614 640	408 594	322 346	200 903	121 443	27 362	58 886	206 046	29 931	33 101	458 378	156 262
Renter-occupied housing units	873 241	739 986	649 785	325 446	324 339	34 883	55 318	133 255	22 319	5 447	756 777	116 464
1979 to March 1980	19 250	16 005	13 043	3 554	9 489	1 156	1 806	3 245	790	18	15 914	3 336
1975 to 1978	67 508	56 229	47 335	9 919	37 416	2 762	6 132	11 279	1 897	87	57 231	10 277
1970 to 1974	126 976	107 825	95 889	23 068	72 821	4 534	7 402	19 151	2 711	213	112 332	14 644
1960 to 1969	166 455	145 541	132 589	42 376	90 213	5 507	7 445	20 914	2 516	282	148 438	18 017
1950 to 1959	110 614	93 426	84 443	42 498	41 943	3 537	5 446	17 188	2 621	321	97 242	13 372
1940 to 1949	119 908	105 044	95 938	65 071	30 867	3 786	5 320	14 864	2 694	461	108 223	11 685
1939 or earlier	262 530	215 916	180 548	138 960	41 588	13 601	21 767	46 614	9 090	4 065	217 397	45 133

BEDROOMS

	Urban						Rural					
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Year-round housing units	3 450 696	2 432 286	2 143 266	840 630	1 302 636	103 165	185 855	1 018 410	96 147	55 460	2 785 106	665 590
None	42 997	35 179	31 668	21 393	10 275	1 396	2 115	7 818	898	105	35 642	7 355
1	402 273	327 301	285 809	137 954	147 855	14 124	25 368	74 972	10 858	1 445	332 696	69 577
2	1 072 655	746 245	656 333	284 752	371 581	31 808	58 104	324 410	31 535	8 665	838 408	234 247
3	1 414 336	980 488	872 188	295 573	576 615	36 675	71 625	433 848	37 291	23 437	1 161 168	253 168
4	429 167	289 827	252 196	81 716	170 480	14 021	23 610	139 340	12 665	15 317	349 248	79 919
5 or more	89 268	53 246	45 072	19 242	25 830	3 141	5 033	36 022	2 900	6 491	67 944	21 324
Owner-occupied housing units	2 321 972	1 570 083	1 388 311	457 782	930 529	62 511	119 261	751 889	65 038	50 013	1 887 388	434 584
None	2 964	1 321	1 131	578	553	59	131	1 643	119	80	1 893	1 071
1	67 999	39 548	33 462	13 450	20 012	2 061	4 025	28 451	2 360	1 094	48 269	19 730
2	595 612	389 330	342 117	137 274	204 843	15 419	31 794	206 282	18 265	7 512	463 409	132 203
3	1 201 743	835 037	746 319	224 025	522 294	30 231	58 487	366 706	31 133	21 517	1 002 759	198 984
4	377 965	258 714	226 160	67 088	159 072	12 058	20 496	119 251	10 690	14 031	312 510	65 455
5 or more	75 689	46 133	39 122	15 367	23 755	2 683	4 328	29 556	2 471	5 779	58 548	17 141
Renter-occupied housing units	873 241	739 986	649 785	325 446	324 339	34 883	55 318	133 255	22 319	5 447	756 777	116 464
None	31 060	28 615	25 967	17 372	8 595	1 096	1 552	2 445	572	25	28 269	2 791
1	281 176	255 457	224 361	107 976	116 385	12 420	18 676	25 719	6 864	351	250 991	30 185
2	367 878	309 292	272 739	126 566	146 173	14 318	22 235	58 586	9 616	1 153	319 793	48 085
3	149 681	118 095	102 864	58 883	43 981	5 215	10 016	31 586	3 703	1 920	124 417	25 264
4	33 973	23 041	19 192	11 605	7 587	1 488	2 361	10 932	1 290	1 286	26 158	7 815
5 or more	9 473	5 486	4 662	3 044	1 618	346	478	3 987	274	712	7 149	2 324

STORIES IN STRUCTURE

	The State	Urban	Rural
Year-round housing units	3 450 696	2 432 286	55 460
1 to 3	3 368 790	2 351 270	55 460
4 to 6	41 755	41 010	2 706 713
7 to 12	27 794	27 649	39 891
13 or more	12 357	12 357	26 350

PASSENGER ELEVATOR

	The State	Urban	Rural
Year-round housing units	3 450 696	2 432 286	55 460
Structures with 4 or more stories	81 906	81 016	78 393
With elevator	67 052	66 303	63 932

UNITS IN STRUCTURE

	The State	Urban	Rural
Year-round housing units	3 450 696	2 432 286	55 460
1, detached	2 465 717	1 623 850	52 632
1, attached	85 403	77 900	1 947 514
2	207 448	182 845	219
3 and 4	110 504	96 339	1 098
5 to 9	130 419	118 216	181 664
10 to 49	212 146	197 776	226
50 or more	89 209	86 616	116 616
Mobile home or trailer, etc.	149 850	48 744	196 213
Owner-occupied housing units	2 321 972	1 570 083	50 013
1, detached	2 082 457	1 420 073	47 742
1, attached	32 559	29 120	1 702 584
2	52 285	43 845	30 270
3 and 4	15 845	12 436	846
5 or more	29 655	25 162	44 966
Mobile home or trailer, etc.	109 171	39 447	13 440
Renter-occupied housing units	873 241	739 986	5 447
1, detached	233 922	157 126	1 285
1, attached	45 475	42 697	86 041
2	135 648	123 109	182 186
3 and 4	82 905	74 599	41
5 to 9	103 277	95 897	42 286
10 to 49	173 695	164 231	120 737
50 or more	77 220	75 335	54
Mobile home or trailer, etc.	21 099	6 992	71 868

UNITS IN STRUCTURE BY GROSS RENT

	The State	Urban	Rural
Specified renter-occupied housing units	832 167	725 539	670
1, mobile home or trailer, etc.	259 422	192 368	364
Median gross rent	\$286	\$286	\$284
2 or more	572 745	533 171	306
Median gross rent	\$239	\$240	\$222

Table 61. Equipment and Plumbing Facilities: 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]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	Urban					Rural		Rural farm	Inside SMSA's	Outside SMSA's		
	The State	Total	Inside urbanized areas			Outside urbanized areas						
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000				Places of 1,000 to 2,500	
Year-round housing units -----	3 450 696	2 432 286	2 143 266	840 630	1 302 636	103 165	185 855	1 018 410	96 147	55 460	2 785 106	665 590
Complete kitchen facilities -----	3 392 463	2 400 960	2 115 619	823 341	1 292 278	101 937	183 404	991 503	94 757	54 634	2 748 754	643 709
BATHROOMS												
No bathroom or only a half bath -----	80 304	39 133	32 787	21 199	11 588	2 105	4 241	41 171	2 220	1 561	46 081	34 223
1 complete bathroom -----	2 163 874	1 513 448	1 320 220	600 454	719 766	68 284	124 944	650 426	69 465	36 411	1 706 246	457 628
1 complete bathroom plus half bath(s) -----	695 209	525 792	473 483	145 511	327 972	18 024	34 285	169 417	14 233	9 021	601 560	93 649
2 or more complete bathrooms -----	511 309	353 913	316 776	73 466	243 310	14 752	22 385	157 396	10 229	8 467	431 219	80 090
SOURCE OF WATER												
Public system or private company -----	2 503 336	2 278 704	2 006 066	838 313	1 167 753	100 536	172 102	224 632	81 311	1 080	2 245 435	257 901
Individual drilled well -----	880 736	143 454	128 041	1 990	126 051	2 473	12 940	737 282	13 993	50 758	504 709	376 027
Individual dug well -----	53 448	9 086	8 232	156	8 076	143	711	44 362	763	3 258	30 549	22 899
Some other source -----	13 176	1 042	927	171	756	13	102	12 134	80	364	4 413	8 763
SEWAGE DISPOSAL												
Public sewer -----	2 463 078	2 263 636	1 989 630	830 765	1 158 865	100 256	173 750	199 442	79 648	481	2 221 894	241 184
Septic tank or cesspool -----	954 965	161 287	146 886	5 599	141 287	2 770	11 631	793 678	16 125	53 752	549 215	405 750
Other means -----	32 653	7 363	6 750	4 266	2 484	139	474	25 290	374	1 227	13 997	18 656
AIR CONDITIONING												
None -----	2 268 434	1 416 173	1 197 869	567 558	630 311	78 674	139 630	852 261	77 199	48 024	1 682 963	585 471
Central system -----	484 492	429 389	406 800	74 192	332 608	8 047	14 542	55 103	4 315	1 857	462 478	22 014
1 or more individual room units -----	697 770	586 724	538 597	198 880	339 717	16 444	31 683	111 046	14 633	5 579	639 665	58 105
HEATING EQUIPMENT												
Year-round housing units -----	3 450 696	2 432 286	2 143 266	840 630	1 302 636	103 165	185 855	1 018 410	96 147	55 460	2 785 106	665 590
Steam or hot water system -----	468 613	365 765	319 839	176 397	143 442	17 420	28 506	102 848	12 836	6 680	388 908	79 705
Central warm-air furnace -----	2 459 239	1 825 631	1 626 213	568 086	1 058 127	71 756	127 662	633 608	60 876	35 966	2 076 830	382 409
Electric heat pump -----	24 744	16 415	14 051	6 158	7 893	842	1 522	8 329	725	297	19 582	5 162
Other built-in electric units -----	102 469	54 639	44 802	16 244	28 558	3 284	6 553	47 830	4 700	2 068	73 542	28 927
Floor, wall, or pipeless furnace -----	90 272	52 495	43 734	22 208	21 526	2 600	6 161	37 777	4 853	1 007	60 403	29 869
Room heaters with flue -----	170 978	88 151	72 111	39 203	32 908	5 365	10 675	82 827	8 148	3 003	109 671	61 307
Room heaters without flue -----	34 559	18 057	14 511	8 665	5 846	1 113	2 433	16 502	1 619	612	21 427	13 132
Fireplaces, stoves, or portable room heaters -----	94 404	9 589	6 750	2 935	3 815	705	2 134	84 815	2 186	5 811	32 247	62 157
None -----	5 418	1 544	1 255	734	521	80	209	3 874	204	16	2 496	2 922
Owner-occupied housing units -----	2 321 972	1 570 083	1 388 311	457 782	930 529	62 511	119 261	751 889	65 038	50 013	1 887 388	434 584
Steam or hot water system -----	233 352	150 367	126 796	56 557	70 239	7 902	15 669	82 985	8 285	6 232	180 022	53 330
Central warm-air furnace -----	1 811 697	1 315 953	1 177 525	364 919	812 606	48 921	89 507	495 744	44 803	32 514	1 542 911	268 786
Electric heat pump -----	8 852	3 505	2 956	1 119	1 837	147	402	5 347	234	276	6 368	2 484
Other built-in electric units -----	45 002	12 657	10 201	2 917	1 874	626	1 830	32 345	1 999	1 928	28 021	16 981
Floor, wall, or pipeless furnace -----	49 096	27 778	22 852	9 925	12 927	1 265	3 661	21 318	2 785	853	33 851	15 245
Room heaters with flue -----	91 773	45 840	37 571	18 042	19 529	2 766	5 003	45 933	4 454	2 493	60 849	30 924
Room heaters without flue -----	16 030	7 378	5 971	2 933	3 038	356	1 051	8 652	767	500	9 662	6 368
Fireplaces, stoves, or portable room heaters -----	65 582	6 303	4 175	1 237	2 938	521	1 607	59 279	1 687	5 201	25 292	40 290
None -----	588	302	264	133	131	7	31	286	24	16	412	176
Renter-occupied housing units -----	873 241	739 986	649 785	325 446	324 339	34 883	55 318	133 255	22 319	5 447	756 777	116 464
Steam or hot water system -----	200 280	187 251	167 625	100 897	66 728	8 339	11 287	13 029	3 757	448	180 917	19 363
Central warm-air furnace -----	504 122	431 161	381 211	171 857	209 354	19 168	30 782	72 961	10 987	3 452	442 680	61 442
Electric heat pump -----	13 214	11 572	10 012	4 569	5 443	615	945	1 642	380	21	11 767	1 447
Other built-in electric units -----	47 947	38 735	32 008	12 208	19 800	2 472	4 255	9 122	2 234	140	41 028	6 919
Floor, wall, or pipeless furnace -----	29 250	21 981	18 654	10 792	7 862	1 165	2 162	7 269	1 492	154	23 462	5 788
Room heaters with flue -----	53 369	36 570	29 958	18 241	11 717	2 314	4 298	16 799	2 595	510	40 954	12 415
Room heaters without flue -----	13 068	9 306	7 476	4 986	2 490	659	1 171	3 762	648	112	10 044	3 024
Fireplaces, stoves, or portable room heaters -----	11 211	2 807	2 263	1 495	768	136	408	8 404	215	610	5 237	5 974
None -----	780	603	578	401	177	15	10	177	11	-	688	92
Occupied housing units -----	3 195 213	2 310 069	2 038 096	783 228	1 254 868	97 394	174 579	885 144	87 357	55 460	2 644 165	551 048
No telephone -----	131 040	88 961	77 019	52 910	24 109	4 128	7 814	42 079	5 228	1 464	99 339	31 701
VEHICLES AVAILABLE												
Total:												
None -----	309 657	273 471	245 567	171 379	74 188	10 948	16 956	36 186	7 765	1 214	271 241	38 416
1 -----	1 137 532	878 107	764 981	337 165	427 816	40 983	72 143	259 425	35 694	9 410	939 483	198 049
2 -----	1 185 291	810 828	716 629	204 163	512 466	32 821	61 378	374 463	30 905	24 192	969 572	215 719
3 or more -----	562 733	347 663	310 919	70 521	240 398	12 642	24 102	215 070	12 993	20 644	463 869	98 864
Automobiles:												
None -----	370 103	303 576	269 726	180 355	89 371	12 776	21 074	66 527	10 150	3 294	310 757	59 346
1 -----	1 486 745	1 040 581	898 005	371 549	526 456	49 542	93 034	446 164	48 003	30 535	1 179 644	307 101
2 -----	1 040 264	753 894	676 353	189 276	487 077	28 053	49 488	286 370	23 747	14 926	891 273	148 991
3 or more -----	298 101	212 018	194 012	42 048	151 964	7 023	10 983	86 083	5 457	6 705	262 491	35 610
Trucks or vans:												
None -----	2 393 830	1 909 550	1 701 519	696 006	1 005 513	78 150	129 881	484 280	61 357	14 727	2 062 876	330 954
1 -----	728 164	371 055	311 631	81 840	229 791	18 001	41 423	357 109	23 979	33 159	529 686	198 478
2 -----	65 539	26 838	22 682	4 911	17 771	1 149	3 007	38 701	1 833	6 321	46 358	19 181
3 or more -----	7 680	2 626	2 264	471	1 793	94	268	5 054	188	1 253	5 245	2 435
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units -----	2 321 972	1 570 083	1 388 311	457 782	930 529	62 511	119 261	751 889	65 038	50 013	1 887 388	434 584
1979 to March 1980 -----	248 609	158 333	138 970	39 742	99 228	6 516	12 847	90 276	6 804	1 853	200 630	47 979
1975 to 1978 -----	598 421	384 259	340 044	95 822	244 222	15 292	28 923	214 162	15 596	6 525	482 851	115 570
1970 to 1974 -----	429 551	275 053	244 666	78 469	166 197	9 910	20 477	154 498	11 688	6 976	343 985	85 566
1960 to 1969 -----	504 502	362 449	326 436	108 316	218 120	12 668	23 545	141 853	13 505	10 321	423 182	81 330
1950 to 1959 -----	312 819	238 513	213 798	72 984	140 814	9 179	15 536	74 306	8 345	7 904	265 887	61 932
1949 or earlier -----	228 070	151 276	124 397	62 449	61 948	8 946	17 933	76 794	9 100	16 434</		

Table 62. Fuels and Financial Characteristics: 1980

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

	Urban					Rural		Rural form	Inside SMSA's	Outside SMSA's		
	The State	Total	Inside urbanized areas		Outside urbanized areas		Total				Places of 1,000 to 2,500	
			Total	Central cities	Urban fringe	Places of 10,000 or more						Places of 2,500 to 10,000
Occupied housing units -----	3 195 213	2 310 069	2 038 096	783 228	1 254 868	97 394	174 579	885 144	87 357	55 460	2 644 165	551 048
HOUSE HEATING FUEL												
Utility gas -----	2 430 003	2 069 733	1 842 743	714 649	1 128 094	83 860	143 130	360 270	67 832	6 569	2 177 393	252 610
Bottled, tank, or LP gas -----	125 609	13 969	11 825	5 780	6 045	550	1 594	111 640	1 461	7 969	56 238	69 371
Electricity -----	149 262	94 984	81 625	30 199	51 416	4 718	8 651	54 278	5 440	2 628	118 041	31 221
Fuel oil, kerosene, etc -----	409 969	116 159	89 310	26 074	63 236	7 550	19 299	293 810	10 834	32 178	256 501	153 468
Coal or coke -----	6 224	4 409	4 245	2 218	2 027	65	99	1 815	48	569	5 337	887
Wood -----	66 732	4 579	2 527	600	1 927	481	1 571	62 153	1 617	5 479	24 064	42 668
Other fuel -----	6 046	5 331	4 989	3 174	1 815	148	194	52	5	52	5 491	555
No fuel used -----	1 368	905	842	534	308	22	41	463	35	16	1 100	268
WATER HEATING FUEL												
Utility gas -----	2 228 874	1 953 772	1 756 970	699 387	1 057 583	75 732	121 070	275 102	51 468	3 853	2 029 333	199 541
Bottled, tank, or LP gas -----	137 482	27 961	24 760	14 105	10 655	1 127	2 074	109 521	1 867	7 653	68 845	68 637
Electricity -----	779 831	311 378	243 597	63 975	179 622	18 841	48 940	468 453	32 941	40 817	518 533	261 298
Fuel oil, kerosene, etc -----	32 209	10 033	6 467	2 331	4 136	1 494	2 072	22 176	806	2 150	18 279	13 930
Other -----	8 934	4 769	4 506	2 352	2 154	111	152	4 165	125	547	5 654	3 280
No fuel used -----	7 883	2 156	1 796	1 078	718	89	271	5 727	150	440	3 521	4 362
COOKING FUEL												
Utility gas -----	1 367 420	1 197 662	1 100 260	531 567	568 693	33 902	63 500	169 758	30 329	2 436	1 252 129	115 291
Bottled, tank, or LP gas -----	170 465	16 283	13 004	5 220	7 784	716	2 563	154 182	2 905	10 494	70 255	100 210
Electricity -----	1 647 393	1 091 843	921 292	244 199	677 093	62 532	108 019	555 550	53 905	41 823	1 316 395	330 998
Other -----	6 276	1 114	867	406	461	57	190	5 162	133	684	2 346	3 930
No fuel used -----	3 659	3 167	2 673	1 836	837	187	307	492	85	23	3 040	619
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	1 851 364	1 368 012	1 210 702	396 901	813 801	54 610	102 700	483 352	56 256	1 740	1 561 939	289 425
With a mortgage -----	1 183 369	892 419	807 157	236 708	570 449	30 080	55 182	290 950	28 538	952	1 035 728	147 641
Less than \$100 -----	1 786	1 218	1 105	616	489	64	49	568	46	2	1 362	424
\$100 to \$149 -----	8 847	6 386	5 721	3 235	2 486	253	412	2 461	253	6	7 002	1 845
\$150 to \$199 -----	34 353	24 731	21 699	11 412	10 287	1 017	2 015	9 622	1 322	26	26 856	7 497
\$200 to \$249 -----	113 788	87 751	77 766	34 299	43 467	3 590	6 395	26 037	3 888	69	94 636	19 152
\$250 to \$299 -----	186 902	145 138	130 547	49 320	81 227	5 068	9 523	41 764	5 702	103	160 783	26 119
\$300 to \$349 -----	202 014	154 714	140 247	49 858	90 389	4 580	9 887	47 300	5 477	117	176 710	25 304
\$350 to \$399 -----	170 829	127 285	115 037	35 860	79 177	4 124	8 124	43 544	4 184	106	149 628	21 201
\$400 to \$449 -----	128 228	94 245	85 014	20 684	64 330	3 362	5 869	33 983	2 757	131	113 296	14 932
\$450 to \$499 -----	93 555	68 203	61 571	12 096	49 475	2 325	4 307	25 352	1 896	128	82 979	10 576
\$500 to \$599 -----	114 056	83 169	75 674	10 744	64 930	2 669	4 826	30 887	1 755	130	102 566	11 490
\$600 to \$749 -----	76 027	57 163	52 667	5 132	47 535	1 831	2 665	18 864	888	74	69 888	6 139
\$750 or more -----	52 984	42 416	40 109	3 452	36 657	1 197	1 110	10 568	370	60	50 022	2 962
Median -----	\$363	\$360	\$362	\$320	\$386	\$356	\$347	\$370	\$328	\$418	\$367	\$337
Not mortgaged -----	667 995	475 593	403 545	160 193	243 352	24 530	47 518	192 402	27 718	788	526 211	141 784
Less than \$50 -----	2 044	919	787	512	275	64	68	1 125	48	9	1 022	1 022
\$50 to \$74 -----	10 403	4 821	3 818	2 141	1 677	370	633	5 582	568	10	5 519	4 884
\$75 to \$99 -----	43 286	25 595	20 174	11 397	8 777	1 513	3 908	17 691	2 724	47	27 483	15 803
\$100 to \$149 -----	231 836	159 549	129 562	65 047	64 515	10 202	19 785	72 287	12 047	224	170 450	61 386
\$150 to \$199 -----	223 622	165 427	142 163	53 239	88 924	8 026	15 238	58 195	8 373	197	184 312	39 310
\$200 to \$249 -----	97 398	72 867	64 750	18 144	46 606	2 827	5 290	24 531	2 683	158	84 140	13 258
\$250 or more -----	59 406	46 415	42 291	9 713	32 578	1 528	2 596	12 991	1 275	143	53 285	6 121
Median -----	\$159	\$163	\$165	\$151	\$174	\$151	\$149	\$150	\$144	\$170	\$164	\$140
GROSS RENT												
Specified renter-occupied housing units -----	832 167	725 539	636 386	319 233	317 153	34 577	54 576	106 628	21 875	670	729 049	103 118
Less than \$50 -----	4 243	3 913	3 274	2 123	1 151	353	286	330	135	1	3 585	658
\$50 to \$59 -----	7 872	7 548	6 462	4 520	1 942	358	728	324	186	1	6 796	1 076
\$60 to \$79 -----	14 323	13 286	10 537	6 081	4 456	1 169	1 580	1 037	486	-	11 537	2 786
\$80 to \$99 -----	13 256	12 031	9 692	5 588	4 104	879	1 460	1 225	508	15	10 796	2 460
\$100 to \$119 -----	17 893	15 902	13 413	8 969	4 444	1 019	1 470	1 991	603	21	15 172	2 721
\$120 to \$149 -----	43 540	38 439	32 949	24 817	8 132	2 433	3 057	5 101	1 530	13	36 863	6 677
\$150 to \$169 -----	50 187	44 765	38 535	27 740	10 795	2 528	3 702	5 422	1 658	22	42 841	7 346
\$170 to \$199 -----	81 091	69 272	58 204	40 624	17 580	4 304	6 764	11 819	3 116	37	67 482	13 609
\$200 to \$249 -----	166 120	142 245	122 598	70 985	51 613	7 221	12 426	23 875	5 319	118	143 212	22 908
\$250 to \$299 -----	163 482	142 886	127 170	56 134	71 036	6 144	9 572	20 596	3 722	71	147 077	16 405
\$300 to \$349 -----	117 527	105 958	97 266	34 069	63 197	3 531	5 161	11 569	1 785	36	109 019	8 508
\$350 to \$399 -----	56 827	51 679	47 798	21 528	31 528	1 579	2 302	5 148	749	18	53 143	3 684
\$400 to \$499 -----	43 074	38 843	35 951	10 248	25 703	1 415	1 477	4 231	428	7	40 218	2 856
\$500 or more -----	17 444	16 208	15 252	3 606	11 646	412	544	1 536	83	-	16 831	913
No cash rent -----	34 988	22 564	17 285	7 459	9 826	1 232	4 047	12 424	1 567	310	24 477	10 511
Median -----	\$250	\$251	\$255	\$225	\$286	\$226	\$225	\$242	\$217	\$232	\$255	\$219
HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	3 195 213	2 310 069	2 038 096	783 228	1 254 868	97 394	174 579	885 144	87 357	55 460	2 644 165	551 048
Median income -----	\$19 149	\$19 406	\$19 915	\$14 682	\$23 057	\$15 976	\$16 112	\$18 542	\$15 122	\$18 745	\$20 195	\$14 853
Owner-occupied housing units -----	2 321 972	1 570 083	1 388 311	457 782	930 529	62 511	119 261	751 889	65 038	50 013	1 887 388	434 584
Median income -----	\$22 158	\$23 391	\$23 977	\$19 321	\$26 317	\$20 273	\$19 350	\$20 027	\$17 634	\$19 212	\$23 623	\$16 487
Renter-occupied housing units -----	873 241	739 986	649 785	325 446	324 339	34 883	55 318	133 255	22 319	5 447	756 777	116 464
Median income -----	\$11 732	\$11 710	\$11 931	\$9 297	\$14 843	\$9 990	\$10 631	\$11 835	\$9 849	\$15 673	\$12 055	\$10 064
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units -----	152 728	93 375	81 582	43 605	37 977	3 659	8 134	59 353	5 466	4 806	110 155	42 573
Percent below poverty level -----	6.6	5.9	5.9	9.5	4.1	5.9	6.8	7.9	8.4	9.6	5.8	9.8
Complete plumbing for exclusive use -----	148 068	92 183	80 676	43 044	37 632	3 598	7 909	55 885	5 319	4 558	108 237	39 831
1.01 or more persons per room -----	7 166	4 489	4 171	2 641	1 530	122	196	2 677	176	168	5 267	1 899
Lacking complete plumbing for exclusive use -----	4 660	1 192	906	561	345							

Table 63. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder: 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.]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	Urban						Rural			Rural farm	Inside SMSA's	Outside SMSA's
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500			
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Occupied housing units	2 762 036	1 894 033	1 629 716	449 906	1 179 810	93 384	170 933	868 003	85 579	55 157	2 222 012	540 024
YEAR STRUCTURE BUILT												
1979 to March 1980	66 812	36 967	31 577	3 280	28 297	1 776	3 614	29 845	1 752	633	53 265	13 547
1975 to 1978	226 325	123 344	105 552	8 790	96 762	5 890	11 902	102 981	5 399	2 442	173 265	53 060
1970 to 1974	352 051	206 330	180 274	21 233	159 041	8 356	17 700	145 721	8 154	3 394	276 234	75 817
1960 to 1969	520 888	368 800	336 631	49 452	287 179	12 536	19 633	152 088	9 973	4 645	436 663	84 225
1950 to 1959	541 392	428 617	392 082	77 567	314 515	14 637	21 898	112 775	11 721	3 627	474 332	67 060
1940 to 1949	337 502	261 760	234 042	91 457	142 585	10 727	16 991	75 742	10 192	3 406	289 118	48 384
1939 or earlier	717 066	468 215	349 558	198 127	151 431	39 462	79 195	248 851	38 388	37 010	519 135	197 931
BEDROOMS												
None	25 161	21 321	18 575	10 726	7 849	1 104	1 642	3 840	672	97	21 438	3 723
1	283 156	230 741	194 762	71 052	123 710	13 792	22 187	52 415	8 891	1 427	234 713	48 443
2	827 920	568 625	487 250	158 500	328 750	28 439	52 936	259 295	27 380	8 611	651 439	176 481
3	1 189 259	797 640	696 305	157 625	538 680	34 196	67 139	391 619	34 187	23 316	968 849	220 410
4	363 139	235 160	199 814	42 745	157 069	12 970	22 376	127 979	11 777	15 230	291 250	71 889
5 or more	73 401	40 546	33 010	9 258	23 752	2 883	4 653	32 855	2 672	6 476	54 323	19 078
UNITS IN STRUCTURE												
1, detached	2 071 034	1 344 570	1 161 937	294 737	867 200	62 387	120 246	726 464	67 301	52 377	1 646 862	424 172
1, attached	59 226	53 279	48 557	11 684	36 873	1 271	3 451	5 947	762	216	54 052	5 174
2	123 856	103 520	81 130	48 592	32 538	9 122	13 268	20 336	5 090	1 085	102 206	21 650
3 and 4	75 959	64 703	51 121	20 915	30 206	4 985	8 599	11 256	3 248	218	63 006	12 953
5 to 9	99 116	89 956	78 882	17 575	61 307	3 821	7 253	9 160	2 623	-	88 611	10 505
10 to 49	147 020	136 282	120 688	34 122	86 566	6 041	9 553	10 738	2 757	-	134 445	12 575
50 or more	58 194	56 243	50 306	19 283	31 023	3 082	2 855	1 951	370	-	53 441	4 753
Mobile home or trailer, etc.	127 631	45 480	37 095	2 998	34 097	2 675	5 710	82 151	3 428	1 261	79 389	48 242
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	634 596	532 351	446 980	163 643	283 337	32 496	52 875	102 245	21 214	643	535 385	99 211
1, mobile home or trailer, etc.	205 893	141 269	115 780	42 124	73 656	8 692	16 797	64 624	9 291	346	156 667	49 226
2 or more	428 703	391 082	331 200	121 519	209 681	23 804	36 078	37 621	11 923	297	378 718	49 985
Median gross rent	\$276	\$288	\$292	\$275	\$306	\$275	\$261	\$253	\$251	\$238	\$287	\$244
Median gross rent	\$249	\$251	\$259	\$213	\$283	\$209	\$211	\$225	\$196	\$221	\$256	\$195
BATHROOMS												
No bathroom or only a half bath	42 526	22 616	17 658	8 774	8 884	1 668	3 290	19 910	1 526	1 540	27 229	15 297
1 complete bathroom	1 679 709	1 133 076	958 460	317 953	640 507	60 787	113 829	546 633	61 276	36 225	1 310 900	368 809
1 complete bathroom plus half bath(s) ..	590 357	434 486	384 870	80 201	304 669	17 037	32 579	155 871	13 224	8 979	506 537	83 820
2 or more complete bathrooms	449 444	303 855	268 728	42 978	225 750	13 892	21 235	145 589	9 553	8 413	377 346	72 098
SOURCE OF WATER												
Public system or private company	1 944 751	1 748 163	1 499 159	447 995	1 051 164	90 914	158 090	196 588	73 233	1 060	1 716 712	228 039
Individual drilled well	763 235	136 518	122 084	1 743	120 341	2 317	12 117	626 717	11 612	50 509	473 400	289 835
Individual dug well	46 590	8 527	7 735	120	7 615	143	649	38 063	691	3 224	28 416	18 174
Some other source	7 460	825	738	48	690	10	77	6 635	43	364	3 484	3 976
HEATING EQUIPMENT												
Steam or hot water system	343 418	248 556	206 178	79 350	126 828	15 799	26 579	94 862	11 905	6 671	271 559	71 859
Central warm-air furnace	2 039 742	1 480 858	1 297 577	329 529	968 048	65 358	117 923	558 884	54 748	35 779	1 715 776	323 966
Electric heat pump	17 069	10 307	8 271	2 150	6 121	728	1 308	6 762	584	286	13 255	3 814
Other built-in electric units	80 656	40 030	31 117	6 995	24 122	2 971	5 942	40 626	4 108	2 050	57 236	23 420
Floor, wall, or pipeless furnace	64 616	36 711	28 837	10 025	18 812	2 268	5 606	27 905	4 163	994	44 058	20 558
Room heaters with fuel	118 727	58 482	44 395	16 973	27 422	4 641	9 446	60 245	6 815	2 970	76 953	41 774
Room heaters without fuel	23 204	11 263	8 180	3 386	4 794	961	2 122	11 941	1 373	612	14 169	9 035
Fireplaces, stoves, or portable room heaters ..	73 798	7 441	4 839	1 389	3 450	636	1 966	66 357	1 848	5 779	28 461	45 337
None	806	385	322	109	213	22	41	421	35	16	545	261
SELECTED CHARACTERISTICS												
No telephone	94 351	54 261	43 273	23 575	19 698	3 627	7 361	40 090	4 982	1 442	64 247	30 104
No complete kitchen facilities	27 044	16 056	13 496	6 175	7 321	916	1 644	10 988	852	815	18 957	8 087
Lacking air conditioning	1 759 734	1 046 003	848 021	282 943	565 078	70 610	127 372	713 731	67 791	47 766	1 293 257	466 477
Lacking public sewer	849 040	155 224	141 442	4 940	136 502	2 680	11 102	693 816	14 754	54 702	522 023	327 017
No vehicle available	192 773	158 460	132 040	70 104	61 936	10 088	16 332	34 313	7 520	1 192	156 027	36 746
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	2 092 961	1 353 109	1 175 111	284 265	890 846	60 623	117 375	739 852	63 943	49 780	1 665 129	427 832
1979 to March 1980	227 438	138 680	119 791	25 782	94 009	6 308	12 581	88 758	6 690	1 849	180 264	47 174
1975 to 1978	541 631	330 836	287 656	55 120	232 536	14 750	28 430	210 795	15 294	6 468	427 832	113 799
1970 to 1974	378 721	226 989	197 393	39 284	158 109	9 543	20 053	151 732	11 421	6 932	294 757	83 964
1960 to 1969	443 643	304 197	268 846	59 473	209 373	12 244	23 107	139 446	13 259	10 266	363 717	79 926
1950 to 1959	285 728	212 613	188 216	51 112	137 104	9 007	15 390	73 115	8 235	7 862	239 426	46 302
1949 or earlier	215 800	139 794	113 209	53 494	59 715	8 771	17 814	76 006	9 044	16 403	159 133	56 667
Renter-occupied housing units	669 075	540 924	454 605	165 641	288 964	32 761	53 558	128 151	21 636	5 377	556 883	112 192
1979 to March 1980	310 563	249 125	205 783	73 897	131 886	17 632	25 710	61 438	10 926	1 196	253 569	56 994
1975 to 1978	228 732	188 507	159 147	54 850	104 297	9 924	19 436	40 225	7 138	1 537	194 066	34 664
1970 to 1974	70 028	58 210	48 718	18 628	31 857	3 125	4 600	11 818	1 893	748	60 127	9 901
1960 to 1969	36 767	29 718	26 059	11 170	14 889	1 370	2 289	7 049	1 000	681	31 359	5 408
1959 or earlier	22 985	15 364	13 131	7 096	6 035	710	1 523	7 621	679	1 215	17 760	5 225
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	542 405	377 017	314 018	117 465	196 553	21 256	41 743	165 388	21 852	14 019	412 401	130 004
Owner-occupied housing units	428 568	280 637	233 997	88 213	145 784	15 536	31 104	147 931	17 858	13 190	317 661	110 907
Lacking complete plumbing for exclusive use ..	9 706	3 907	2 848	1 525	1 323	302	757	5 799	326	522	5 231	4 475
No complete kitchen facilities	6 466	3 164	2 597	1 325	1 272	140	427	3 302	208	326	4 018	2 448
No vehicle available	118 201	95 821	79 114	38 295	40 819	5 839	10 868	22 380	4 894	906	94 629	23 572
No telephone	14 637	7 991	6 508	3 952	2 556	449	1 034	6 646	788	498	9 395	5 242
Lacking central heating system	50 209	18 758	13 929	6 033	7 896	1 391	3 438	31 451	2 655	2 416		

Table 64. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder: 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.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

	Urban					Rural				Rural form	Inside SMSA's	Outside SMSA's
	The State	Total	Inside urbanized areas		Outside urbanized areas		Total	Places of 1,000 to 2,500	Places of 2,500 or more			
			Total	Central cities	Urban fringe	Places of 10,000 or more							Places of 2,500 to 10,000
Occupied housing units	385 831	377 251	373 546	316 334	57 212	2 017	1 688	8 580	741	144	381 322	4 509
YEAR STRUCTURE BUILT												
1979 to March 1980	2 630	2 427	2 379	1 661	718	38	10	203	2	1	2 569	61
1975 to 1978	9 323	8 390	8 218	4 438	3 780	93	79	1 933	45	9	9 009	314
1970 to 1974	21 005	19 547	19 162	10 476	8 686	238	147	1 458	96	10	20 432	573
1960 to 1969	43 622	41 732	40 962	26 273	14 689	412	358	1 890	107	25	42 629	993
1950 to 1959	69 975	68 696	68 118	56 429	11 689	335	243	1 279	103	14	69 270	705
1940 to 1949	92 572	91 528	90 954	82 967	7 987	276	298	1 044	129	7	91 919	653
1939 or earlier	146 704	144 931	143 753	134 090	9 663	625	553	1 773	259	78	145 494	1 210
BEDROOMS												
None	7 326	7 214	7 168	6 227	941	33	13	112	6	—	7 286	40
1	58 310	57 429	56 944	47 036	9 908	263	222	881	122	6	57 746	564
2	121 957	119 138	117 887	100 209	17 678	755	496	2 819	198	33	120 273	1 684
3	146 186	142 770	141 408	120 262	21 146	694	668	3 416	276	54	144 617	1 569
4	41 881	40 872	40 438	34 070	6 368	218	216	1 009	100	38	41 392	489
5 or more	10 171	9 828	9 701	8 530	1 171	54	73	343	39	13	10 008	163
UNITS IN STRUCTURE												
1, detached	216 687	210 225	208 085	176 900	31 185	1 137	1 003	6 462	536	125	213 617	3 070
1, attached	17 032	16 837	16 615	12 021	4 594	93	129	195	5	3	16 880	152
2	60 297	60 018	59 653	56 223	3 430	183	182	279	63	—	60 096	201
3 and 4	20 276	20 029	19 791	17 200	2 591	145	93	247	41	5	20 073	203
5 to 9	15 546	15 246	14 915	11 061	3 854	181	150	300	44	—	15 264	282
10 to 49	34 798	34 369	34 038	26 580	7 458	249	82	429	31	—	34 559	239
50 or more	20 103	20 043	19 983	16 071	3 912	29	31	60	2	—	20 078	25
Mobile home or trailer, etc.	1 092	484	466	278	188	—	18	608	19	11	755	337
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	177 644	175 560	173 652	146 161	27 491	1 093	815	2 084	230	5	176 149	1 495
1, mobile home or trailer, etc.	47 432	46 352	45 667	37 849	7 818	342	343	1 080	98	5	46 571	681
Median gross rent	\$275	\$275	\$277	\$268	\$268	\$231	\$252	\$237	\$237	—	\$255	\$239
2 or more	130 212	129 208	127 985	108 312	19 673	751	472	1 004	132	—	129 398	814
Median gross rent	\$209	\$209	\$209	\$203	\$254	\$215	\$196	\$229	\$198	—	\$209	\$201
BATHROOMS												
No bathroom or only a half bath	9 742	9 370	9 264	8 123	1 141	81	25	372	17	2	9 555	187
1 complete bathroom	270 887	265 147	262 340	223 879	38 461	1 544	1 263	5 740	549	92	267 552	3 335
1 complete bathroom plus half bath(s)	71 822	70 481	69 952	58 330	11 622	237	292	1 341	94	17	71 247	575
2 or more complete bathrooms	33 380	32 253	31 990	26 002	5 988	155	108	1 127	81	33	32 968	412
SOURCE OF WATER												
Public system or private company	377 739	375 108	371 460	316 036	55 424	2 006	1 642	2 631	711	2	375 618	2 121
Individual drilled well	6 876	1 783	1 737	166	1 571	11	35	5 093	28	126	4 828	2 048
Individual dug well	1 020	214	203	29	174	—	11	806	2	16	689	331
Some other source	196	146	146	103	43	—	—	50	—	—	187	9
HEATING EQUIPMENT												
Steam or hot water system	83 205	82 557	82 195	73 984	8 211	210	152	648	52	6	82 916	289
Central warm-air furnace	244 047	239 267	236 816	196 997	39 819	1 326	1 125	4 780	478	96	241 434	2 613
Electric heat pump	4 536	4 418	4 363	3 367	996	30	25	118	10	7	4 486	50
Other built-in electric units	10 788	10 247	10 086	7 695	2 391	82	79	541	40	—	10 553	235
Floor, wall, or pipeless furnace	12 448	12 095	11 924	10 207	1 717	95	76	353	33	4	12 240	208
Room heaters with flue	23 229	21 791	21 408	18 222	3 186	229	154	1 438	111	17	22 528	701
Room heaters without flue	5 119	4 893	4 787	4 181	606	35	71	226	12	—	4 974	145
Fireplaces, stoves, or portable room heaters	1 955	1 495	1 479	1 288	191	10	6	460	5	14	1 692	263
None	504	488	488	393	95	—	—	16	—	—	499	5
SELECTED CHARACTERISTICS												
No telephone	32 210	31 448	31 041	27 302	3 739	219	188	762	80	2	31 738	472
No complete kitchen facilities	8 123	7 893	7 826	6 785	1 041	43	24	230	2	5	8 031	92
Lacking air conditioning	269 954	263 153	260 264	226 120	34 144	1 554	1 335	6 801	535	115	266 284	3 670
Lacking public sewer	12 456	6 041	5 960	3 572	2 388	15	66	6 415	75	137	10 000	2 456
No vehicle available	110 277	109 058	108 321	97 281	11 040	435	302	1 219	120	9	109 541	736
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	202 432	196 205	194 465	166 128	28 337	902	838	6 227	511	129	199 540	2 892
1979 to March 1980	16 326	15 779	15 668	12 815	2 853	43	68	547	32	1	16 108	218
1975 to 1978	47 468	46 085	45 717	38 571	7 146	211	157	1 383	133	28	46 901	567
1970 to 1974	45 394	43 942	43 630	37 646	5 984	156	156	1 452	131	24	44 733	661
1960 to 1969	56 708	55 153	54 627	47 363	7 264	231	295	1 555	153	33	55 936	772
1950 to 1959	25 179	24 428	24 209	21 123	3 086	128	91	751	35	27	24 804	375
1949 or earlier	11 357	10 818	10 614	8 610	2 004	133	71	539	27	16	11 058	299
Renter-occupied housing units	183 399	181 046	179 081	150 206	28 875	1 115	850	2 353	230	15	181 782	1 617
1979 to March 1980	67 446	66 382	65 518	54 104	11 414	461	403	1 064	91	1	66 648	798
1975 to 1978	69 700	68 897	68 161	56 239	11 922	413	323	803	87	9	69 150	550
1970 to 1974	25 558	25 317	25 068	21 537	3 531	154	95	241	30	—	25 407	151
1960 to 1969	14 126	13 967	13 920	12 398	1 522	34	13	159	11	5	14 047	79
1959 or earlier	6 569	6 483	6 414	5 928	486	53	16	86	11	—	6 530	39
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	56 299	53 702	53 194	46 284	6 910	174	334	2 597	177	40	54 928	1 371
Owner-occupied housing units	34 926	32 744	32 418	28 298	4 120	120	206	2 182	145	40	33 760	1 166
Lacking complete plumbing for exclusive use	1 034	885	885	811	74	—	—	149	1	2	964	70
No complete kitchen facilities	781	705	693	643	50	—	—	76	—	4	739	42
No vehicle available	23 676	23 093	22 921	20 275	2 646	54	118	583	37	9	23 349	327
No telephone	2 256	2 143	2 112	1 828	284	5	26	113	7	2	2 194	62
Lacking central heating system	5 521	4 654	4 582	3 759	823	24	48	667	37	12	5 053	468
Lacking air conditioning	42 841	40 587	40 185	35 386	4 799	145	257	2 254	117	23	41 655	1 186

Table 65. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin: 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]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

	Urban					Rural						
	The State	Total	Inside urbanized areas		Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's	
			Total	Central cities	Urban fringe	Places of 10,000 or more						Places of 2,500 to 10,000
Occupied housing units	41 327	34 451	30 946	17 266	13 680	2 054	1 451	6 876	876	171	37 010	4 317
YEAR STRUCTURE BUILT												
1979 to March 1980	734	496	431	100	331	41	24	238	15	3	593	141
1975 to 1978	2 171	1 391	1 222	265	957	67	102	780	84	—	1 842	329
1970 to 1974	4 195	3 039	2 752	749	2 003	115	172	1 156	68	19	3 651	544
1960 to 1969	6 438	5 188	4 738	1 488	3 250	275	175	1 250	110	20	5 687	751
1950 to 1959	7 290	6 278	5 771	2 340	3 431	299	208	1 012	136	22	6 652	638
1940 to 1949	6 643	5 871	5 365	3 544	1 821	344	162	772	123	15	6 170	473
1939 or earlier	13 856	12 188	10 667	8 780	1 887	913	608	1 668	340	92	12 415	1 441
BEDROOMS												
None	821	715	671	492	179	22	22	106	13	8	762	59
1	5 971	5 284	4 626	2 750	1 876	420	238	687	148	5	5 435	1 335
2	12 424	10 343	9 348	5 501	3 847	534	461	2 081	283	33	11 089	1 336
3	15 547	12 825	11 569	5 755	5 814	574	503	2 722	296	68	13 947	1 600
4	5 189	4 246	3 791	2 045	1 746	260	195	943	96	48	4 596	593
5 or more	1 375	1 038	941	723	218	65	32	337	40	9	1 181	194
UNITS IN STRUCTURE												
1, detached	25 954	20 873	18 775	9 553	9 222	1 227	871	5 081	572	154	23 053	2 901
1, attached	1 391	1 309	1 177	631	546	69	63	82	12	6	1 274	117
2	4 491	4 184	3 754	3 104	650	314	116	307	99	8	4 217	274
3 and 4	2 399	2 206	1 926	1 382	544	190	116	193	62	—	2 184	215
5 to 9	2 066	1 875	1 624	850	774	166	85	191	47	—	1 841	225
10 to 49	2 865	2 617	2 440	1 185	1 255	96	81	248	49	—	2 714	151
50 or more	989	949	872	475	397	68	9	40	—	—	923	66
Mobile home or trailer, etc.	1 172	438	378	86	292	24	36	734	35	3	804	368
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	16 549	14 792	13 134	8 542	4 592	959	699	1 757	341	12	15 039	1 510
1, mobile home or trailer, etc.	5 469	4 524	3 942	2 543	1 399	326	256	945	120	10	4 748	721
Median gross rent	\$281	\$284	\$285	\$277	\$301	\$304	\$235	\$260	\$250	\$250	\$283	\$259
2 or more	11 080	10 268	9 192	5 999	3 193	633	443	812	221	2	10 291	789
Median gross rent	\$223	\$222	\$224	\$206	\$268	\$216	\$199	\$230	\$219	\$125	\$224	\$207
BATHROOMS												
No bathroom or only a half bath	1 169	843	748	556	192	41	54	326	28	15	1 024	145
1 complete bathroom	28 979	24 109	21 456	12 840	8 616	1 594	1 059	4 870	686	104	25 780	3 199
1 complete bathroom plus half both(s)	6 734	5 769	5 283	2 440	2 843	268	218	965	101	25	6 147	587
2 or more complete bathrooms	4 445	3 730	3 459	1 430	2 029	151	120	715	61	27	4 059	386
SOURCE OF WATER												
Public system or private company	35 495	33 294	29 939	17 230	12 709	2 027	1 328	2 201	789	19	33 016	2 479
Individual drilled well	5 170	1 025	894	36	858	21	110	4 145	85	134	3 580	1 590
Individual dug well	594	110	97	—	97	—	13	484	2	13	368	226
Some other source	68	22	16	—	16	6	—	46	—	5	46	22
HEATING EQUIPMENT												
Steam or hot water system	5 899	5 373	5 075	3 556	1 519	157	141	526	72	13	5 609	290
Central warm-air furnace	27 785	23 708	21 240	10 638	10 602	1 496	972	4 077	486	110	25 128	2 657
Electric heat pump	427	348	316	168	148	22	10	79	22	—	391	36
Other built-in electric units	1 290	929	838	452	386	36	55	361	74	11	1 138	152
Floor, wall, or pipeless furnace	1 272	1 006	870	582	288	58	78	266	52	3	1 090	182
Room heaters with flue	3 273	2 314	1 936	1 386	550	117	161	959	137	19	2 634	639
Room heaters without flue	722	562	492	382	110	47	23	160	28	2	597	125
Fireplaces, stoves, or portable room heaters	579	169	137	66	71	21	11	410	5	13	350	229
None	80	42	42	36	6	—	—	38	—	—	73	7
SELECTED CHARACTERISTICS												
No telephone	4 050	3 239	2 812	2 204	608	261	166	811	123	24	3 492	558
No complete kitchen facilities	710	553	507	340	167	32	14	157	15	4	621	89
Locking air conditioning	29 543	23 808	20 960	13 190	7 770	1 708	1 140	5 735	685	157	25 887	3 656
Locking public sewer	6 576	1 577	1 445	300	1 145	32	100	4 999	117	157	4 674	1 902
No vehicle available	5 993	5 596	5 083	3 971	1 112	311	202	397	78	10	5 559	434
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	24 027	19 251	17 460	8 514	8 946	1 061	730	4 776	524	118	21 356	2 671
1979 to March 1980	3 569	2 805	2 498	1 209	1 289	171	136	764	70	5	3 201	368
1975 to 1978	7 148	5 584	4 978	2 276	2 702	355	251	1 564	157	15	6 238	910
1970 to 1974	5 082	4 020	3 651	1 736	1 915	219	150	1 062	156	14	4 505	577
1960 to 1969	5 223	4 383	4 029	2 008	2 021	225	129	840	87	12	4 759	464
1950 to 1959	2 082	1 737	1 642	932	710	56	39	345	40	33	1 879	203
1949 or earlier	923	722	662	353	309	35	25	201	14	39	774	149
Renter-occupied housing units	17 300	15 200	13 486	8 752	4 734	993	721	2 100	352	53	15 654	1 646
1979 to March 1980	9 111	7 924	6 994	4 396	2 598	506	424	1 187	180	23	8 210	901
1975 to 1978	5 613	5 020	4 434	2 922	1 512	369	217	593	134	11	5 081	532
1970 to 1974	1 546	1 388	1 229	871	358	90	69	158	24	16	1 419	127
1960 to 1969	753	633	608	416	192	16	9	120	11	3	690	63
1959 or earlier	277	235	221	147	74	12	2	42	3	—	254	23
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	3 801	3 154	2 887	1 714	1 173	153	114	647	78	47	3 363	438
Owner-occupied housing units	2 592	2 056	1 916	1 119	797	71	69	536	55	47	2 272	320
Locking complete plumbing for exclusive use	128	103	98	67	31	5	—	25	—	5	114	14
No complete kitchen facilities	94	64	64	34	30	—	—	30	3	4	88	6
No vehicle available	1 332	1 205	1 108	720	388	70	27	127	22	2	1 217	115
No telephone	217	176	142	107	35	28	6	41	5	2	178	39
Locking central heating system	523	334	274	213	61	30	30	189	21	11	382	141
Locking air conditioning	2 793	2 203	1 983	1 289	694	130	90	590	60	44	2 392	401

Table 66. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race: 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]

The State	Asian and Pacific Islander													Race, n.e.c.
	American Indian	Eskimo	Aleut	Japanese	Chinese	Filipino	Korean	Asian Indian	Vietnamese	Hawaiian	Guamanian	Samoon	Other	
Occupied housing units -----	13 240	33	10	1 667	3 246	2 984	1 596	5 315	781	381	54	27	1 057	16 955
YEAR STRUCTURE BUILT														
1979 to March 1980 -----	246	--	--	37	192	132	124	472	34	8	2	--	39	251
1975 to 1978 -----	788	--	--	181	429	466	268	843	41	17	--	--	103	792
1970 to 1974 -----	1 528	2	2	292	512	434	287	1 193	86	42	--	6	134	1 589
1960 to 1969 -----	1 914	2	--	359	891	717	427	1 132	169	48	--	6	276	2 527
1950 to 1959 -----	2 213	14	3	389	591	496	266	555	117	55	17	--	176	2 557
1940 to 1949 -----	1 891	2	--	156	207	307	110	389	91	69	7	8	98	3 122
1939 or earlier -----	4 660	13	5	253	424	432	114	731	243	142	28	7	231	6 117
BEDROOMS														
None -----	280	--	3	48	164	216	107	196	26	22	4	--	57	414
1 -----	1 829	7	--	317	688	537	272	1 119	181	42	1	7	268	2 441
2 -----	4 521	9	2	449	637	604	343	1 147	230	138	9	--	371	5 153
3 -----	4 750	17	5	589	886	879	500	1 478	213	128	28	20	189	6 297
4 -----	1 504	--	--	226	767	603	294	1 201	103	45	6	--	139	2 030
5 or more -----	356	--	--	38	104	145	80	174	28	6	6	--	33	620
UNITS IN STRUCTURE														
1, detached -----	8 599	28	3	840	1 917	1 866	879	2 995	442	219	43	20	387	10 420
1, attached -----	294	--	--	112	221	118	122	287	21	12	6	--	70	513
2 -----	1 091	--	2	83	82	108	72	152	100	60	--	--	110	1 920
3 and 4 -----	743	--	5	81	98	100	56	143	36	14	4	--	58	1 177
5 to 9 -----	511	--	--	170	251	186	147	502	76	19	--	--	76	930
10 to 49 -----	759	5	--	308	517	351	248	763	49	18	1	--	250	1 123
50 or more -----	301	--	--	65	142	225	69	435	38	29	--	7	85	414
Mobile home or trailer, etc. -----	942	--	--	8	18	30	3	38	19	10	--	--	21	458
UNITS IN STRUCTURE BY GROSS RENT														
Specified renter-occupied housing units														
1, mobile home or trailer, etc. -----	5 283	...	10	876	1 257	965	660	2 066	446	130	10	...	737	7 473
Median gross rent -----	2 126	...	3	229	257	131	134	271	164	24	5	...	178	2 573
2 or more -----	\$261	...	--	\$465	\$263	\$306	\$320	\$279	\$293	\$133	--	...	\$293	\$277
Median gross rent -----	3 157	...	7	647	1 000	834	526	1 795	282	106	5	...	559	4 900
Median gross rent -----	\$215	...	\$285	\$274	\$237	\$236	\$250	\$264	\$231	\$195	\$125	...	\$232	\$219
BATHROOMS														
No bathroom or only a half bath -----	527	--	--	38	89	33	99	53	23	11	12	6	31	498
1 complete bathroom -----	9 968	21	7	967	1 388	1 338	695	2 535	479	200	34	7	747	12 539
1 complete bathroom plus half bath(s) -----	1 613	5	3	328	786	788	385	1 041	208	129	8	--	152	2 480
2 or more complete bathrooms -----	1 132	7	--	334	983	825	417	1 686	71	41	--	14	127	1 438
SOURCE OF WATER														
Public system or private company -----	9 411	27	8	1 556	3 046	2 805	1 442	4 893	643	341	52	15	1 008	14 731
Individual drilled well -----	3 536	6	2	104	185	164	138	396	119	31	2	6	49	1 923
Individual dug well -----	215	--	--	7	15	10	16	26	19	9	--	6	--	290
Some other source -----	78	--	--	--	--	5	--	--	--	--	--	--	--	11
HEATING EQUIPMENT														
Steam or hot water system -----	1 536	5	--	297	603	415	327	854	128	104	14	7	284	2 435
Central warm-air furnace -----	8 440	21	8	1 273	2 388	2 245	1 078	4 044	496	219	35	14	671	11 098
Electric heat pump -----	91	--	--	9	23	24	35	90	15	--	--	--	19	155
Other built-in electric units -----	411	--	2	27	80	164	25	137	36	12	--	6	59	546
Floor, wall, or pipeless furnace -----	522	--	--	26	10	23	37	36	19	12	1	--	12	584
Room heaters with flue -----	1 218	7	--	28	116	92	88	105	74	28	--	--	12	1 418
Room heaters without flue -----	284	--	--	5	16	17	6	41	6	6	--	--	--	394
Fireplaces, stoves, or portable room heaters -----	729	--	--	2	10	4	--	8	--	--	4	--	--	283
None -----	9	--	--	--	--	--	--	--	7	--	--	--	--	42
SELECTED CHARACTERISTICS														
No telephone -----	1 939	7	--	34	148	56	36	96	39	22	18	--	87	1 997
No complete kitchen facilities -----	270	--	--	12	55	22	39	44	18	9	12	6	7	291
Lacking air conditioning -----	10 305	28	10	749	1 396	1 193	707	2 390	606	282	49	13	655	13 115
Lacking public sewer -----	4 031	6	--	110	181	279	166	429	111	58	6	12	82	2 576
No vehicle available -----	2 056	--	5	137	334	208	99	549	134	123	9	--	224	2 729
YEAR HOUSEHOLDER MOVED INTO UNIT														
Owner-occupied housing units														
1979 to March 1980 -----	7 600	26	--	771	1 969	2 001	926	3 201	319	244	44	20	282	9 176
1975 to 1978 -----	989	...	--	112	444	396	240	918	106	33	2	...	101	1 495
1970 to 1974 -----	2 360	...	--	222	757	882	468	1 349	199	46	6	...	142	2 862
1960 to 1969 -----	1 709	...	--	151	354	392	173	422	--	39	5	...	36	2 155
1950 to 1959 -----	1 438	...	--	109	329	170	31	204	2	73	9	...	3	1 783
1949 or earlier -----	742	...	--	152	51	89	12	126	12	36	16	...	--	668
1949 or earlier -----	362	...	--	25	34	72	2	182	--	17	6	...	--	213
Renter-occupied housing units														
1979 to March 1980 -----	5 640	7	10	896	1 277	983	670	2 114	462	137	10	7	775	7 779
1975 to 1978 -----	2 899	...	--	456	678	440	383	1 073	319	36	1	...	535	4 180
1970 to 1974 -----	1 958	...	2	305	412	365	253	792	137	76	--	...	221	2 573
1960 to 1969 -----	463	...	5	80	130	116	25	166	6	6	--	...	15	657
1950 to 1959 -----	210	...	3	39	37	62	4	46	--	5	--	...	4	270
1959 or earlier -----	110	...	--	16	20	--	5	37	--	14	9	...	--	99
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER														
Occupied housing units														
Owner-occupied housing units -----	1 270	--	3	130	261	260	43	677	--	101	--	--	25	1 037
Lacking complete plumbing for exclusive use -----	895	--	--	90	110	213	10	417	--	46	--	--	18	641
No complete kitchen facilities -----	99	--	--	--	12	--	5	8	--	--	--	--	--	62
No vehicle available -----	78	--	--	--	5	--	--	8	--	--	--	--	--	11
No telephone -----	515	--	--	35	121	27	6	316	--	69	--	--	7	436
Lacking central heating system -----	159	--	--	7	44	--	--	23	--	6	--	--	7	94
Lacking air conditioning -----	361	--	--	--	8	4	5	70	--	11	--	--	--	225
Lacking air conditioning -----	1 085	--	3	48	135	154	38	405	--	80	--	--	25	845

Table 67. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 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]

The State	Spanish origin										Not of Spanish origin				
	Total	Type				Race					White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.
		Mexican	Puerto Rican	Cuban	Other Spanish	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.					
Occupied housing units	41 327	27 465	3 090	1 135	9 637	22 297	2 512	426	534	15 558	2 739 739	383 319	12 857	16 574	1 397
YEAR STRUCTURE BUILT															
1979 to March 1980	734	465	29	40	200	449	27	9	40	209	66 363	2 603	237	1 000	42
1975 to 1978	2 171	1 284	73	100	714	1 326	78	14	68	685	224 999	9 245	774	2 280	107
1970 to 1974	4 195	2 601	229	170	1 195	2 453	175	53	55	1 459	349 598	20 830	1 479	2 931	130
1960 to 1969	6 438	4 039	387	217	1 795	3 707	343	64	102	2 222	517 181	43 279	1 852	3 923	305
1950 to 1959	7 290	4 762	465	227	1 836	4 353	398	70	95	2 374	537 039	69 577	2 160	2 567	183
1940 to 1949	6 643	4 579	590	122	1 352	3 178	421	77	51	2 916	334 324	92 151	1 816	1 391	206
1939 or earlier	13 856	9 735	1 317	259	2 545	6 831	1 070	139	123	5 693	710 235	145 634	4 539	2 482	424
BEDROOMS															
None	821	485	56	17	263	329	75	3	37	377	24 832	7 251	280	803	37
1	5 971	3 646	517	158	1 650	2 985	590	79	123	2 194	280 171	57 720	1 757	3 309	247
2	12 424	8 269	930	291	2 934	6 728	702	154	139	4 701	821 192	121 255	4 378	3 789	452
3	15 547	10 648	1 122	432	3 345	8 695	729	149	141	5 833	1 180 564	145 457	4 623	4 769	464
4	5 189	3 497	327	212	1 153	2 885	322	37	67	1 878	360 254	41 559	1 467	3 317	152
5 or more	1 375	920	138	25	292	675	94	4	27	575	72 726	10 077	352	587	45
UNITS IN STRUCTURE															
1, detached	25 954	17 787	1 577	738	5 852	14 608	1 214	235	258	9 639	2 056 426	215 473	8 395	9 350	781
1, attached	1 391	784	142	46	419	743	135	10	41	462	58 483	16 897	284	928	51
2	4 491	3 027	527	125	812	2 198	421	34	48	1 790	121 658	59 876	1 059	719	130
3 and 4	2 399	1 605	306	47	441	1 094	144	35	28	1 098	74 865	20 132	713	562	79
5 to 9	2 066	1 345	157	61	503	1 010	109	26	40	881	98 106	15 437	485	1 387	49
10 to 49	2 865	1 624	241	77	923	1 544	269	31	58	963	145 476	34 529	733	2 447	160
50 or more	989	419	103	34	433	436	201	12	49	291	57 578	19 902	289	1 046	123
Mobile home or trailer, etc.	1 172	874	37	7	254	664	19	43	12	434	126 967	1 073	899	135	24
UNITS IN STRUCTURE BY GROSS RENT															
Specified renter-occupied housing units	16 549	10 708	1 667	426	3 748	7 975	1 287	232	243	6 812	626 621	176 357	5 068	6 911	661
1, mobile home or trailer, etc.	5 469	3 877	443	124	1 025	2 635	301	99	32	2 402	203 258	47 131	2 032	1 361	171
Median gross rent	\$281	\$278	\$273	\$332	\$289	\$285	\$258	\$326	\$364	\$277	\$276	\$275	\$260	\$302	\$280
2 or more	11 080	6 831	1 224	302	2 723	5 340	986	133	211	4 410	423 363	129 226	3 036	5 550	490
Median gross rent	\$223	\$220	\$220	\$241	\$233	\$237	\$188	\$181	\$250	\$217	\$249	\$209	\$217	\$249	\$246
BATHROOMS															
No bathroom or only a half bath	1 169	695	126	28	320	541	170	-	8	450	41 985	9 572	527	387	48
1 complete bathroom	28 979	19 998	2 251	612	6 118	14 949	1 772	339	319	11 600	1 664 760	269 115	9 657	8 071	939
1 complete bathroom plus half bath(s)	6 734	4 358	433	257	1 686	3 931	372	53	99	2 279	586 426	71 450	1 568	3 726	201
2 or more complete bathrooms	4 445	2 414	280	238	1 513	2 876	198	34	108	1 229	446 568	33 182	1 105	4 390	209
SOURCE OF WATER															
Public system or private company	35 495	23 429	2 896	1 018	8 152	18 718	2 445	342	503	13 487	1 926 033	375 294	9 104	15 298	1 244
Individual drilled well	5 170	3 565	148	111	1 346	3 227	61	78	26	1 778	760 008	6 815	3 466	1 168	145
Individual dug well	594	433	41	4	116	306	-	6	-	282	46 284	1 020	209	108	8
Some other source	68	38	5	2	23	46	6	5	11	-	7 414	190	78	-	-
HEATING EQUIPMENT															
Steam or hot water system	5 899	3 586	636	98	1 579	3 098	553	42	59	2 147	340 320	82 652	1 499	2 974	288
Central warm-air furnace	27 785	18 528	1 865	935	6 457	15 502	1 388	303	417	10 175	2 024 240	242 659	8 166	12 046	923
Electric heat pump	427	213	42	19	153	216	57	2	17	135	16 853	4 479	89	198	20
Other built-in electric units	1 290	796	125	25	344	592	124	19	35	520	80 064	10 664	394	511	26
Floor, wall, or pipeless furnace	1 272	1 003	31	14	224	634	68	12	-	558	63 982	12 380	510	176	26
Room heaters with flue	3 273	2 363	286	42	582	1 683	201	36	6	1 347	117 044	23 028	1 189	537	71
Room heaters without flue	722	484	74	-	164	254	78	12	-	378	22 550	5 041	272	97	17
Fireplaces, stoves, or portable room heaters	579	421	31	-	127	304	19	-	-	256	73 494	1 936	729	28	26
None	80	71	-	2	7	14	24	-	-	42	792	480	9	7	-
SELECTED CHARACTERISTICS															
No telephone	4 050	2 842	423	32	753	1 682	358	81	31	1 898	92 669	31 852	1 865	505	99
No complete kitchen facilities	710	436	76	12	186	321	117	-	7	265	26 723	8 006	270	217	26
Lacking air conditioning	29-543	20 598	2 387	636	5 922	14 808	1 897	328	258	12 252	1 744 922	268 057	10 015	7 782	863
Lacking public sewer	6 576	4 528	262	151	1 635	3 898	137	109	48	2 384	845 142	12 319	3 928	1 386	192
No vehicle available	5 993	4 015	681	65	1 232	2 490	871	73	43	2 516	190 283	109 406	1 988	1 774	213
YEAR HOUSEHOLDER MOVED INTO UNIT															
Owner-occupied housing units	24 027	16 259	1 382	700	5 686	13 972	1 135	175	287	8 458	2 078 989	201 297	7 451	9 490	718
1979 to March 1980	3 569	2 357	231	90	891	1 933	134	18	96	1 388	225 505	16 192	980	2 256	107
1975 to 1978	7 148	4 560	544	243	1 801	4 095	263	73	86	2 631	537 536	47 205	2 304	3 997	231
1970 to 1974	5 082	3 633	300	175	974	2 875	199	26	25	1 975	375 846	45 195	1 683	1 547	198
1960 to 1969	5 223	3 721	253	154	1 095	3 139	317	42	46	1 679	440 504	56 391	1 396	884	104
1950 to 1959	2 082	1 445	33	19	585	1 258	174	8	11	631	284 470	25 005	734	491	37
1949 or earlier	923	543	21	19	340	672	48	8	23	172	215 128	11 309	354	315	41
Renter-occupied housing units	17 300	11 206	1 708	435	3 951	8 325	1 377	251	247	7 100	660 750	182 022	5 406	7 084	679
1979 to March 1980	9 111	5 741	985	234	2 151	4 535	533	125	121	3 797	306 028	66 913	2 781	3 807	383
1975 to 1978	5 613	3 732	558	118	1 205	2 532	491	110	103	2 377	226 200	69 209	1 850	2 458	196
1970 to 1974	1 546	1 093	100	43	310	723	197	16	6	604	69 305	25 361	452	538	53
1960 to 1969	753	513	40	29	171	381	99	-	17	256	36 386	14 027	213	180	14
1959 or earlier	277	127	25	11	114	154	57	-	-	66	22 831	6 512	110	101	33
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER															
Occupied housing units	3 801	2 345	104	92	1 260	2 477	323	22	64	915	539 928	55 976	1 251	1 433	122
Owner-occupied housing units	2 592	1 668	66	45	813	1 759	202	14	44	573	426 809	34 724			

Table 68. Fuels and Financial Characteristics of Housing Units With a White Householder: 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.]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	Urban						Rural			Rural form	Inside SMSA's	Outside SMSA's
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500			
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Occupied housing units	2 762 036	1 894 033	1 629 716	449 906	1 179 810	93 384	170 933	868 003	85 579	55 157	2 222 012	540 024
HOUSE HEATING FUEL												
Utility gas	2 051 307	1 697 713	1 476 925	412 810	1 064 115	80 416	140 372	353 594	66 542	6 527	1 803 799	247 508
Bottled, tank, or LP gas	118 144	9 273	7 239	2 034	5 205	494	1 540	108 871	1 408	7 902	50 085	68 059
Electricity	123 655	70 855	57 970	13 493	44 477	4 467	8 418	52 800	5 248	2 589	93 190	30 465
Fuel oil, kerosene, etc	394 093	105 304	79 270	18 509	60 761	7 295	18 739	288 789	10 636	32 069	243 647	150 446
Cool or coke	4 556	2 798	2 634	1 014	1 620	65	99	1 758	48	555	3 680	876
Wood	65 480	4 395	2 388	511	1 877	477	1 530	61 085	1 577	5 447	23 618	41 862
Other fuel	3 995	3 310	2 968	1 426	1 542	148	194	685	85	52	3 448	547
No fuel used	806	385	322	109	213	22	41	421	35	16	545	261
WATER HEATING FUEL												
Utility gas	1 861 035	1 591 081	1 399 927	404 004	995 923	72 499	118 655	269 954	50 516	3 811	1 665 688	195 347
Bottled, tank, or LP gas	122 681	15 754	12 654	3 785	8 869	1 065	2 035	106 927	1 803	7 581	55 427	67 254
Electricity	733 705	273 946	207 942	38 997	168 945	18 177	47 827	459 759	32 211	40 642	477 386	256 319
Fuel oil, kerosene, etc	30 749	8 915	5 459	1 635	3 824	1 457	1 999	21 834	793	2 144	17 067	13 682
Other	5 837	831	592	185	407	57	182	5 006	127	680	2 014	3 823
No fuel used	6 823	1 386	1 036	506	530	85	265	5 437	140	432	2 636	4 187
COOKING FUEL												
Utility gas	1 053 213	887 703	794 432	271 989	522 443	31 493	61 778	165 510	29 486	2 411	941 225	111 988
Bottled, tank, or LP gas	161 889	12 390	9 230	2 221	7 009	684	2 476	149 499	2 795	10 385	64 241	97 648
Electricity	1 538 450	990 935	823 759	174 485	649 274	60 978	106 198	547 515	53 086	41 658	1 212 493	325 957
Other	5 837	831	592	185	407	57	182	5 006	127	680	2 014	3 823
No fuel used	2 647	2 174	1 703	1 026	677	172	299	473	85	23	2 039	608
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	1 659 688	1 184 310	1 030 336	251 305	779 031	52 924	101 050	475 378	55 352	1 716	1 375 015	284 673
With a mortgage	1 039 362	753 239	670 306	127 676	542 630	28 876	54 057	286 123	27 976	930	894 379	144 983
Less than \$100	1 362	819	714	290	424	64	41	543	38	2	952	410
\$100 to \$149	6 807	4 426	3 795	1 555	2 240	232	399	2 381	241	6	5 013	1 794
\$150 to \$199	28 102	18 696	15 784	6 258	9 526	987	1 925	9 406	1 293	26	20 786	7 316
\$200 to \$249	97 477	71 901	62 265	21 304	40 961	3 421	6 215	25 576	3 804	67	78 681	18 796
\$250 to \$299	160 271	119 192	105 102	27 688	77 414	4 809	9 281	41 079	5 574	103	134 661	25 610
\$300 to \$349	171 836	125 274	111 144	25 104	86 040	4 371	9 759	46 562	5 368	117	146 976	24 860
\$350 to \$399	146 802	103 914	92 030	16 415	75 615	3 952	7 932	42 888	4 106	103	126 025	20 777
\$400 to \$449	113 885	80 343	71 225	9 829	61 396	3 324	5 794	33 542	2 708	126	99 117	14 768
\$450 to \$499	85 228	60 230	53 722	6 264	47 458	2 255	4 253	24 998	1 871	128	74 773	10 455
\$500 to \$599	106 675	76 285	68 949	6 658	62 291	2 584	4 752	30 390	1 734	124	95 373	11 302
\$600 to \$749	71 749	53 279	48 913	3 733	45 180	1 760	2 606	18 470	871	68	65 745	6 004
\$750 or more	49 168	38 880	36 663	2 578	34 085	1 117	1 100	10 288	368	60	46 277	2 891
Median	\$368	\$367	\$370	\$313	\$386	\$357	\$347	\$370	\$328	\$416	\$374	\$337
Not mortgaged	620 326	431 071	360 030	123 629	236 401	24 048	46 993	189 255	27 376	786	480 636	139 690
Less than \$50	1 717	661	535	301	234	58	68	1 056	45	9	756	961
\$50 to \$74	9 789	4 335	3 363	1 752	1 611	345	627	5 454	566	10	5 038	4 751
\$75 to \$99	40 882	23 473	18 135	9 682	8 453	1 486	3 852	17 409	2 701	47	25 330	15 552
\$100 to \$149	217 665	146 443	116 898	54 471	62 427	10 049	19 496	71 222	11 958	224	157 111	60 554
\$150 to \$199	207 192	149 932	126 928	40 507	86 421	7 873	15 131	57 260	8 228	197	168 376	38 816
\$200 to \$249	89 065	64 896	56 899	11 407	45 492	2 751	5 246	24 169	2 653	156	76 013	13 052
\$250 or more	54 016	41 331	37 272	5 509	31 763	1 486	2 573	12 685	1 225	143	48 012	6 004
Median	\$158	\$162	\$164	\$146	\$174	\$150	\$149	\$150	\$144	\$170	\$164	\$141
GROSS RENT												
Specified renter-occupied housing units	634 596	532 351	446 980	163 643	283 337	32 496	52 875	102 245	21 214	643	535 385	99 211
Less than \$50	2 736	2 441	1 823	912	911	332	286	295	130	1	2 110	626
\$50 to \$59	4 333	4 038	2 963	1 567	1 396	354	721	295	182	1	3 277	1 056
\$60 to \$79	10 862	9 873	7 220	3 370	3 850	1 114	1 539	989	479	—	8 169	2 693
\$80 to \$99	9 825	8 708	6 464	3 004	3 460	831	1 413	1 117	491	15	7 465	2 340
\$100 to \$119	12 465	10 571	8 134	4 385	3 749	980	1 457	1 894	591	21	9 807	2 658
\$120 to \$149	29 060	24 229	19 049	12 210	6 839	2 214	2 966	4 831	1 492	13	22 723	6 337
\$150 to \$169	32 732	27 497	21 557	12 759	8 798	2 362	3 578	5 235	1 621	22	25 619	7 113
\$170 to \$199	57 026	45 720	35 188	20 179	15 009	4 043	6 489	11 306	3 023	37	43 980	13 046
\$200 to \$249	124 485	101 631	82 812	37 359	45 453	6 761	12 058	22 854	5 122	107	102 442	22 043
\$250 to \$299	126 412	106 657	91 653	27 895	63 758	5 705	9 299	19 755	3 591	68	110 651	15 761
\$300 to \$349	94 853	83 697	75 390	17 826	57 564	3 290	5 017	11 556	1 735	36	86 730	8 123
\$350 to \$399	45 510	40 560	36 787	8 212	28 575	1 519	2 254	4 950	713	18	41 912	3 598
\$400 to \$499	36 429	32 349	29 533	5 895	23 638	1 379	1 437	4 080	415	7	33 659	2 770
\$500 or more	16 341	14 850	13 924	2 846	11 078	407	519	1 491	78	—	15 443	898
No cash rent	31 527	19 530	14 483	5 224	9 259	1 205	3 842	11 997	1 551	297	21 398	10 129
Median	\$257	\$260	\$267	\$227	\$288	\$226	\$225	\$242	\$217	\$233	\$264	\$218
HOUSEHOLD INCOME IN 1979												
Occupied housing units	2 762 036	1 894 033	1 629 716	449 906	1 179 810	93 384	170 933	868 003	85 579	55 157	2 222 012	540 024
Median income	\$19 905	\$20 490	\$21 200	\$15 633	\$23 349	\$16 060	\$16 193	\$18 640	\$15 166	\$18 774	\$21 161	\$14 922
Owner-occupied housing units	2 092 961	1 353 109	1 175 111	284 265	890 846	60 623	117 375	739 852	63 943	49 780	1 665 129	427 832
Median income	\$22 362	\$23 892	\$24 639	\$19 272	\$26 355	\$20 277	\$19 390	\$20 076	\$17 649	\$19 234	\$24 061	\$16 527
Renter-occupied housing units	669 075	540 924	454 605	165 641	288 964	32 761	53 558	128 151	21 636	5 377	556 883	112 192
Median income	\$12 592	\$12 794	\$13 382	\$10 719	\$15 149	\$10 050	\$10 673	\$11 951	\$9 861	\$15 736	\$13 297	\$10 122
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	123 230	65 727	54 362	20 034	34 328	3 451	7 914	57 503	5 329	4 791	81 882	41 348
Percent below poverty level	5.9	4.9	4.6	7.0	3.9	5.7	6.7	7.8	8.3	9.6	4.9	9.7
Complete plumbing for exclusive use	119 114	64 940	53 856	19 813	34 043	3 390	7 694	54 174	5 186	4 545	80 399	38 715
1.01 or more persons per room	4 388	1 904	1 615	561	1 054	98	191	2 484	154	166	2 602	1 786
Locking complete plumbing for exclusive use	4 116	787	506	221	285	61	220	3 329	143	246	1 483	2 633
1.01 or more persons per room	335	4	4	4	—	—	—	331	4	54	78	257
Renter-occupied housing units	124 978	98 567	79 551	40 635	38 916	8 262	10 754	26 411	5 056	740	97 709	

Table 69. Fuels and Financial Characteristics of Housing Units With a Black Householder: 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.]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	Urban					Rural						
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Occupied housing units	385 831	377 251	373 546	316 334	57 212	2 017	1 688	8 580	741	144	381 322	4 509
HOUSE HEATING FUEL												
Utility gas	340 866	337 823	334 852	286 543	48 309	1 751	1 220	3 043	546	24	339 001	1 865
Bottled, tank, or LP gas	5 900	4 285	4 218	3 527	691	27	40	1 615	30	31	5 290	610
Electricity	22 719	21 841	21 551	15 808	5 743	159	131	878	74	17	22 351	368
Fuel oil, kerosene, etc	11 978	9 364	8 993	7 131	1 862	80	291	2 614	88	52	10 540	1 438
Coal or coke	1 471	1 428	1 428	1 182	246	—	—	43	—	6	1 460	11
Wood	458	110	104	83	21	—	—	348	—	14	249	209
Other fuel	1 935	1 912	1 912	1 667	245	—	6	23	3	—	1 932	3
No fuel used	504	488	488	393	95	—	—	16	—	—	499	5
WATER HEATING FUEL												
Utility gas	332 312	329 920	327 184	280 565	46 619	1 670	1 066	2 392	429	18	330 797	1 515
Bottled, tank, or LP gas	12 947	11 533	11 491	9 929	1 562	24	18	1 414	27	37	12 362	585
Electricity	37 137	32 696	31 825	23 425	8 400	295	576	4 441	280	81	34 893	2 244
Fuel oil, kerosene, etc	1 015	841	794	596	198	19	28	174	5	6	1 903	112
Other	1 639	1 590	1 585	1 292	293	5	—	49	—	—	1 621	18
No fuel used	781	671	667	527	140	4	—	110	—	2	746	35
COOKING FUEL												
Utility gas	288 316	286 330	284 038	247 026	37 012	1 435	857	1 986	386	13	286 984	1 332
Bottled, tank, or LP gas	6 104	3 538	3 478	2 846	632	7	53	2 566	50	66	4 917	1 187
Electricity	90 125	86 188	84 854	65 476	19 378	564	770	3 937	305	63	88 193	1 932
Other	346	268	260	214	46	—	8	78	—	2	293	53
No fuel used	940	927	916	772	144	11	—	13	—	—	935	5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	169 910	165 886	164 377	139 445	24 932	811	698	4 024	418	13	167 928	1 982
With a mortgage	127 024	124 926	123 962	104 713	19 249	548	416	2 098	267	11	126 102	922
Less than \$100	374	361	361	309	52	—	—	13	—	—	372	2
\$100 to \$149	1 902	1 864	1 837	1 641	196	21	6	38	2	—	1 879	23
\$150 to \$199	5 771	5 693	5 628	4 964	664	6	59	78	21	—	5 709	62
\$200 to \$249	14 814	14 625	14 443	12 342	2 101	110	72	189	50	—	14 667	147
\$250 to \$299	24 404	24 109	23 905	20 718	3 187	121	83	295	57	—	24 238	166
\$300 to \$349	27 504	27 159	26 993	23 709	3 284	112	54	345	52	—	27 306	198
\$350 to \$399	21 911	21 586	21 436	18 885	2 551	65	85	325	43	—	21 759	152
\$400 to \$449	12 968	12 759	12 732	10 590	2 142	21	6	209	19	5	12 924	44
\$450 to \$499	7 205	7 065	7 017	5 697	1 320	28	20	140	12	—	7 174	31
\$500 to \$599	5 728	5 499	5 450	3 921	1 529	18	31	229	9	6	5 682	46
\$600 to \$749	2 558	2 388	2 364	1 230	1 134	24	—	170	2	—	2 520	38
\$750 or more	1 885	1 818	1 796	707	1 089	22	—	67	—	—	1 872	13
Median	\$330	\$329	\$329	\$326	\$353	\$307	\$293	\$364	\$303	\$554	\$330	\$315
Not mortgaged	42 886	40 960	40 415	34 732	5 683	263	282	1 926	151	2	41 826	1 060
Less than \$50	262	242	242	204	38	—	—	20	—	—	256	6
\$50 to \$74	463	408	408	355	53	—	—	55	—	—	419	44
\$75 to \$99	2 045	1 915	1 896	1 632	264	5	14	130	7	—	1 947	98
\$100 to \$149	12 423	11 830	11 613	9 884	1 729	57	160	593	26	—	11 998	425
\$150 to \$199	14 837	14 190	14 014	12 036	1 978	114	62	647	69	—	14 539	298
\$200 to \$249	7 990	7 540	7 467	6 507	960	45	28	250	12	2	7 678	112
\$250 or more	5 066	4 835	4 775	4 114	661	42	18	231	37	—	4 989	77
Median	\$170	\$170	\$170	\$171	\$168	\$177	\$143	\$161	\$176	\$225	\$170	\$146
GROSS RENT												
Specified renter-occupied housing units	177 644	175 560	173 652	146 161	27 491	1 093	815	2 084	230	5	176 149	1 495
Less than \$50	1 387	1 379	1 358	1 150	208	21	7	8	2	—	1 381	6
\$50 to \$59	3 468	3 441	3 434	2 905	529	—	—	27	4	—	3 454	14
\$60 to \$79	3 268	3 230	3 179	2 632	547	16	25	38	7	—	3 230	38
\$80 to \$99	3 089	3 020	3 003	2 393	610	17	—	69	13	—	3 077	12
\$100 to \$119	5 010	4 949	4 913	4 268	645	27	9	61	9	—	4 973	37
\$120 to \$149	13 195	13 064	12 940	11 798	1 142	100	24	131	17	—	13 123	72
\$150 to \$169	16 024	15 929	15 772	14 115	1 657	108	49	95	17	—	15 945	79
\$170 to \$199	21 928	21 663	21 372	19 167	2 205	136	155	265	22	—	21 678	250
\$200 to \$249	37 295	36 837	36 411	31 309	5 102	248	178	458	74	—	36 941	354
\$250 to \$299	33 242	32 828	32 434	26 667	5 767	245	149	414	27	—	32 971	271
\$300 to \$349	20 010	19 828	19 673	15 303	4 370	100	55	172	23	—	19 875	125
\$350 to \$399	10 214	10 120	10 072	7 671	2 401	26	22	94	9	—	10 199	15
\$400 to \$499	5 570	5 490	5 452	3 986	1 466	20	18	80	4	—	5 540	30
\$500 or more	1 088	1 063	1 061	681	380	2	—	25	2	—	1 081	7
No cash rent	2 866	2 719	2 578	2 116	462	17	124	147	—	5	2 681	185
Median	\$227	\$227	\$227	\$222	\$257	\$216	\$227	\$233	\$224	—	\$227	\$223
HOUSEHOLD INCOME IN 1979												
Occupied housing units	385 831	377 251	373 546	316 334	57 212	2 017	1 688	8 580	741	144	381 322	4 509
Median income	\$13 598	\$13 664	\$13 678	\$13 087	\$16 901	\$13 729	\$11 887	\$11 342	\$11 756	\$12 019	\$13 664	\$10 098
Owner-occupied housing units	202 432	196 205	194 465	166 128	28 337	902	838	6 227	511	129	199 540	2 892
Median income	\$19 727	\$19 905	\$19 918	\$19 345	\$23 541	\$21 337	\$14 797	\$13 378	\$14 760	\$12 663	\$19 859	\$10 809
Renter-occupied housing units	183 399	181 046	179 081	150 206	28 875	1 115	850	2 353	230	15	181 782	1 617
Median income	\$8 050	\$8 056	\$8 029	\$7 485	\$11 301	\$10 177	\$10 000	\$7 640	\$7 273	\$10 694	\$8 040	\$8 931
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	27 084	25 972	25 746	22 727	3 019	95	131	1 112	83	9	26 457	627
Percent below poverty level	13.4	13.2	13.2	13.7	10.7	10.5	15.6	17.9	16.2	7.0	13.3	21.7
Complete plumbing for exclusive use	26 649	25 589	25 363	22 400	2 963	95	121	1 060	81	7	26 049	600
1.01 or more persons per room	2 445	2 356	2 353	1 990	363	—	3	89	10	2	2 409	36
Lacking complete plumbing for exclusive use	435	383	383	327	56	—	—	52	2	2	408	27
1.01 or more persons per room	74	63	63	63	—	—	—	11	—	—	73	1
Renter-occupied housing units	73 960	73 005	72 396	63 362	9 034	369	240	955	79	—	73 392	568
Percent below poverty level	40.3	40.3	40.4	42.2	31.3	33.1	28.2	40.6	34.3	—	40.4	35.1
Complete plumbing for exclusive use	71 082	70 215	69 624	60 885	8 739	351	240	867	79	—	70 542	540
1.01 or more persons per room	5 439	5 292	5 249	4 479	770	30	13	147	14	—	5 381	58
Lacking complete plumbing for exclusive use	2 878	2 790	2 772	2 477	295	18	—	88	—	—	2 850	28
1.01 or more persons per room	294	276	272	203	69	4	—	18	—	—	292	2

Table 70. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin: 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.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

	Urban					Rural				Rural form	Inside SMSA's	Outside SMSA's
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500			
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Occupied housing units	41 327	34 451	30 946	17 266	13 680	2 054	1 451	6 876	876	171	37 010	4 317
HOUSE HEATING FUEL												
Utility gas	33 697	30 673	27 673	15 675	11 998	1 861	1 139	3 024	656	25	31 298	2 399
Bottled, tank, or LP gas	1 418	448	395	254	141	20	33	970	23	27	956	462
Electricity	2 465	1 911	1 733	847	886	81	97	554	112	11	2 243	222
Fuel oil, kerosene, etc.	3 091	1 118	865	363	502	78	175	1 973	78	95	2 049	1 042
Coal or coke	133	125	125	40	85	—	—	8	—	—	133	—
Wood	322	28	—	—	22	6	—	294	5	13	145	177
Other fuel	121	106	91	51	40	8	7	15	2	—	113	8
No fuel used	80	42	42	36	6	—	—	38	—	—	73	7
WATER HEATING FUEL												
Utility gas	32 101	29 774	26 936	15 376	11 560	1 815	1 023	2 327	527	30	29 930	2 171
Bottled, tank, or LP gas	1 521	694	636	423	213	28	30	827	21	18	1 132	389
Electricity	7 202	3 692	3 111	1 314	1 797	211	370	3 510	321	115	5 540	1 662
Fuel oil, kerosene, etc.	235	106	85	58	27	—	21	129	4	6	162	73
Other	120	107	100	39	61	—	7	13	—	—	111	9
No fuel used	148	78	78	56	22	—	—	70	3	2	135	13
COOKING FUEL												
Utility gas	25 757	23 787	21 703	13 806	7 897	1 336	748	1 970	436	24	24 024	1 733
Bottled, tank, or LP gas	1 987	387	335	227	108	17	35	1 600	26	46	1 178	809
Electricity	13 475	10 205	8 839	3 203	5 636	701	665	3 270	414	101	11 713	1 762
Other	43	13	10	—	10	—	3	30	—	—	34	9
No fuel used	65	59	59	30	29	—	—	6	—	—	61	4
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	19 649	16 332	14 805	7 103	7 702	887	640	3 317	439	7	17 711	1 938
With a mortgage	14 572	12 209	10 990	4 839	6 151	716	503	2 363	301	7	13 230	1 342
Less than \$100	41	41	41	28	13	—	—	—	—	—	41	—
\$100 to \$149	142	116	111	55	56	5	—	26	9	—	133	9
\$150 to \$199	616	523	487	332	155	20	16	93	7	—	563	53
\$200 to \$249	1 825	1 547	1 394	997	397	99	54	278	49	—	1 664	161
\$250 to \$299	2 679	2 326	2 001	1 022	979	187	138	353	63	1	2 363	316
\$300 to \$349	2 918	2 489	2 318	1 129	1 189	109	62	429	61	—	2 718	200
\$350 to \$399	2 036	1 734	1 498	616	882	148	88	302	36	3	1 812	224
\$400 to \$449	1 240	1 001	916	325	591	25	60	239	19	1	1 122	118
\$450 to \$499	850	659	564	107	457	74	21	191	35	—	761	89
\$500 to \$599	1 026	770	706	104	602	30	34	256	16	—	922	104
\$600 to \$749	697	590	547	54	493	19	24	107	4	2	643	54
\$750 or more	502	413	407	70	337	—	6	89	2	—	488	14
Median	\$334	\$331	\$332	\$299	\$366	\$322	\$335	\$350	\$318	\$392	\$334	\$333
Not mortgaged	5 077	4 123	3 815	2 264	1 551	171	137	954	138	—	4 481	596
Less than \$50	24	10	10	7	3	—	—	14	—	—	10	14
\$50 to \$74	94	53	53	29	24	—	—	41	2	—	59	35
\$75 to \$99	341	256	241	182	59	8	7	85	11	—	291	50
\$100 to \$149	1 841	1 469	1 367	913	454	46	56	372	69	—	1 613	228
\$150 to \$199	1 684	1 446	1 301	743	558	92	53	238	31	—	1 507	177
\$200 to \$249	686	538	501	272	229	16	21	148	21	—	619	67
\$250 or more	407	351	342	118	224	9	—	56	4	—	382	25
Median	\$156	\$157	\$157	\$150	\$166	\$162	\$156	\$146	\$142	—	\$157	\$143
GROSS RENT												
Specified renter-occupied housing units	16 549	14 792	13 134	8 542	4 592	959	699	1 757	341	12	15 039	1 510
Less than \$50	44	41	38	34	4	—	3	3	1	—	41	3
\$50 to \$59	66	54	54	37	17	—	—	12	3	—	66	—
\$60 to \$79	141	137	128	85	43	—	—	4	2	—	141	—
\$80 to \$99	330	304	244	162	82	28	32	26	2	—	284	46
\$100 to \$119	389	373	338	276	62	29	6	16	3	2	367	22
\$120 to \$149	983	910	816	697	119	72	22	73	21	—	891	92
\$150 to \$169	1 142	1 056	936	696	240	39	81	86	29	—	1 028	114
\$170 to \$199	1 923	1 722	1 488	1 160	328	114	120	201	44	—	1 703	220
\$200 to \$249	3 734	3 370	2 975	2 158	817	240	155	364	110	1	3 398	336
\$250 to \$299	3 194	2 840	2 541	1 514	1 027	192	107	354	94	1	2 930	264
\$300 to \$349	2 190	2 006	1 787	967	820	143	76	184	14	—	2 015	175
\$350 to \$399	963	864	810	353	457	43	11	99	9	—	902	61
\$400 to \$499	710	644	631	254	377	9	4	66	6	—	681	29
\$500 or more	215	197	156	41	115	29	12	18	—	—	184	31
No cash rent	525	274	192	108	84	21	61	251	4	8	408	117
Median	\$240	\$239	\$240	\$223	\$278	\$241	\$219	\$245	\$227	\$167	\$241	\$229
HOUSEHOLD INCOME IN 1979												
Occupied housing units	41 327	34 451	30 946	17 266	13 680	2 054	1 451	6 876	876	171	37 010	4 317
Median income	\$17 074	\$17 127	\$17 440	\$14 410	\$21 185	\$14 709	\$15 011	\$16 873	\$15 263	\$16 442	\$17 349	\$15 084
Owner-occupied housing units	24 027	19 251	17 460	8 514	8 946	1 061	730	4 776	524	118	21 356	2 671
Median income	\$21 652	\$22 110	\$22 380	\$19 957	\$25 098	\$19 569	\$20 714	\$19 808	\$19 817	\$15 938	\$22 100	\$18 466
Renter-occupied housing units	17 300	15 200	13 486	8 752	4 734	993	721	2 100	352	53	15 654	1 646
Median income	\$10 400	\$10 357	\$10 471	\$8 916	\$13 434	\$9 950	\$9 364	\$10 680	\$10 244	\$17 250	\$10 466	\$9 957
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	2 265	1 789	1 636	1 027	609	109	44	476	44	16	1 935	330
Percent below poverty level	9.4	9.3	9.4	12.1	6.8	10.3	6.0	10.0	8.4	13.6	9.1	12.4
Complete plumbing for exclusive use	2 219	1 763	1 610	1 007	603	109	44	456	44	16	1 896	323
1.01 or more persons per room	349	233	201	112	69	22	10	116	9	—	274	75
Lacking complete plumbing for exclusive use	46	26	26	20	6	—	—	20	—	—	39	7
1.01 or more persons per room	5	—	—	—	—	—	—	5	—	—	5	—
Renter-occupied housing units	5 610	5 039	4 528	3 453	1 075	298	213	571	85	6	5 144	466
Percent below poverty level	32.4	33.2	33.6	39.5	22.7	30.0	29.5	27.2	24.1	11.3	32.9	28.3
Complete plumbing for exclusive use	5 305	4 785	4 295	3 258	1 037	293	197	520	81	6	4 866	439
1.01 or more persons per room	689	530	454	349	105	45	31	159	13	4	601	88
Lacking complete plumbing for exclusive use	305	254	233	195	38	5	16	51	4	—	278	27
1.01 or more persons per room	107	82	73	61	12	—	9	25	—	—	98	9

Table 71. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race: 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.]

The State	Asian and Pacific Islander												Race, n.e.c.	
	American Indian	Eskimo	Aleut	Japanese	Chinese	Filipino	Korean	Asian Indian	Vietnamese	Hawaiian	Guomonian	Somoon		Other
Occupied housing units	13 240	33	10	1 667	3 246	2 984	1 596	5 315	781	381	54	27	1 057	16 955
HOUSE HEATING FUEL														
Utility gas	9 295	27	8	1 460	2 857	2 509	1 385	4 725	618	332	37	21	837	13 719
Bottled, tank, or LP gas	759	2	—	18	16	24	36	46	27	2	8	—	11	616
Electricity	640	—	2	89	188	304	78	303	57	22	—	6	118	1 081
Fuel oil, kerosene, etc.	1 853	4	—	58	149	118	76	193	63	25	5	—	51	1 303
Cool or coke	27	—	—	40	26	4	21	30	9	—	—	—	28	12
Wood	640	—	—	2	2	2	—	1	—	—	4	—	—	143
Other fuel	17	—	—	—	8	23	—	—	17	—	—	—	—	12
No fuel used	9	—	—	—	—	—	—	—	7	—	—	—	—	42
WATER HEATING FUEL														
Utility gas	8 175	14	8	1 387	2 779	2 363	1 335	4 520	638	303	42	21	810	13 132
Bottled, tank, or LP gas	864	—	—	28	40	50	40	56	22	15	8	—	30	701
Electricity	3 819	19	2	196	326	525	179	668	103	63	—	—	164	2 925
Fuel oil, kerosene, etc.	171	—	—	18	59	31	11	34	9	—	—	—	18	94
Other	65	—	—	38	34	15	9	37	9	—	—	—	28	17
No fuel used	146	—	—	—	8	—	22	—	—	—	4	6	7	86
COOKING FUEL														
Utility gas	6 427	2	5	722	1 672	1 384	690	2 477	445	210	29	15	549	11 264
Bottled, tank, or LP gas	1 348	2	—	11	22	26	26	52	20	12	8	—	7	938
Electricity	5 352	29	5	934	1 552	1 571	880	2 772	316	159	13	12	501	4 722
Other	69	—	—	—	—	—	—	7	—	—	4	—	—	13
No fuel used	44	—	—	—	—	3	—	7	—	—	—	—	—	18
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units														
With a mortgage	5 870	24	—	628	1 665	1 667	803	2 707	275	183	44	20	240	7 640
Less than \$100	4 174	22	—	457	1 443	1 472	782	2 348	252	131	21	12	228	5 641
\$100 to \$149	20	—	—	6	—	8	—	—	—	—	—	—	—	16
\$150 to \$199	50	—	—	—	4	—	6	24	—	—	—	—	—	54
\$200 to \$249	208	2	—	4	11	—	—	—	—	—	—	—	6	249
\$250 to \$299	520	6	—	46	38	38	12	44	12	21	8	—	7	745
\$300 to \$349	705	—	—	43	89	111	14	32	34	14	6	—	11	1 168
\$350 to \$399	866	7	—	73	119	139	57	96	32	28	2	—	32	1 223
\$400 to \$449	675	—	—	54	108	143	87	116	43	10	—	—	15	865
\$450 to \$499	322	7	—	44	152	136	81	134	15	8	—	—	12	464
\$500 to \$599	261	—	—	35	122	132	57	169	62	15	5	—	16	248
\$600 to \$749	292	—	—	58	226	190	127	363	25	15	—	6	31	320
\$750 or more	177	—	—	50	237	274	101	617	23	13	—	6	27	195
Median	78	—	—	44	337	301	240	753	6	7	—	—	71	94
Not mortgaged	334	\$321	—	\$403	\$534	\$512	\$577	\$648	\$417	\$363	\$271	\$625	\$558	\$324
Less than \$50	1 696	2	—	171	222	195	21	359	23	52	23	8	12	1 999
\$50 to \$74	47	—	—	—	—	—	—	—	—	—	—	—	—	18
\$75 to \$99	104	—	—	—	—	5	—	9	—	—	—	—	—	33
\$100 to \$149	197	—	—	16	4	16	—	21	—	—	—	—	—	105
\$150 to \$199	607	2	—	48	45	81	6	147	14	23	—	—	12	763
\$200 to \$249	495	—	—	78	97	49	5	119	9	17	17	—	—	707
\$250 or more	152	—	—	27	32	15	—	28	—	12	—	8	—	269
Median	94	—	—	2	44	29	10	35	—	—	6	—	—	104
Median	\$141	\$113	—	\$161	\$181	\$148	\$197	\$151	\$145	\$154	\$167	\$225	\$138	\$154
GROSS RENT														
Specified renter-occupied housing units														
Less than \$50	5 283	—	10	876	1 257	965	660	2 066	446	130	10	—	737	7 473
\$50 to \$59	59	—	—	—	16	—	—	—	—	—	—	—	10	35
\$60 to \$79	24	—	—	—	4	—	—	15	—	5	—	—	—	23
\$80 to \$99	87	—	—	5	33	—	6	20	—	—	—	—	—	42
\$100 to \$119	81	—	—	—	45	—	25	48	—	14	—	—	—	129
\$120 to \$149	136	—	—	11	3	16	—	39	7	—	—	—	21	185
\$150 to \$169	388	—	—	17	109	98	15	167	11	20	1	—	20	432
\$170 to \$199	373	—	—	59	136	47	54	137	49	17	—	—	98	461
\$200 to \$249	570	—	—	69	106	135	67	186	42	14	—	—	68	880
\$250 to \$299	1 188	—	—	114	196	199	134	274	100	22	—	—	149	1 962
\$300 to \$349	1 059	—	5	164	213	212	115	415	114	14	—	—	132	1 385
\$350 to \$399	638	—	2	143	176	113	129	374	40	11	—	—	96	947
\$400 to \$499	236	—	—	66	63	72	35	170	38	—	—	—	70	353
\$500 or more	233	—	—	84	100	45	61	167	34	9	—	—	22	320
No cash rent	44	—	—	119	30	14	10	31	3	—	—	—	9	55
Median	167	—	3	25	27	14	9	23	8	4	9	—	42	264
Median	\$235	—	\$267	\$296	\$243	\$245	\$260	\$265	\$253	\$175	\$135	—	\$243	\$236
HOUSEHOLD INCOME IN 1979														
Occupied housing units														
Owner-occupied housing units	13 240	33	10	1 667	3 246	2 984	1 596	5 315	781	381	54	27	1 057	16 955
Median income	\$14 596	\$19 875	\$18 750	\$21 576	\$21 170	\$31 756	\$23 333	\$26 996	\$14 316	\$12 660	\$12 500	\$21 161	\$11 803	\$16 284
Renter-occupied housing units	7 400	26	—	771	1 969	2 001	926	3 201	319	244	44	20	282	9 176
Median income	\$18 561	—	—	\$27 297	\$29 200	\$38 162	\$33 980	\$33 938	\$22 902	\$17 768	\$14 063	—	\$25 481	\$20 741
Median income	\$9 559	—	\$18 750	\$17 500	\$9 923	\$18 698	\$10 214	\$16 103	\$7 301	\$4 447	\$3 000	—	\$7 486	\$10 508
INCOME IN 1979 BELOW POVERTY LEVEL														
Owner-occupied housing units														
Percent below poverty level	990	—	—	14	111	39	45	172	5	68	2	—	19	949
Complete plumbing for exclusive use	13.0	—	—	1.8	5.6	1.9	4.9	5.4	1.6	27.9	4.5	—	6.7	10.3
1.01 or more persons per room	900	—	—	14	111	39	45	172	5	68	2	—	19	930
Locking complete plumbing for exclusive use	93	—	—	—	26	3	—	13	—	—	—	—	6	192
1.01 or more persons per room	90	—	—	—	—	—	—	—	—	—	—	—	—	19
Median	9	—	—	—	—	—	—	—	—	—	—	—	—	2
Renter-occupied housing units														
Percent below poverty level	1 947	—	5	170	372	108	207	300	258	77	9	—	352	2 696
Complete plumbing for exclusive use	34.5	—	50.0	19.0	29.1	11.0	30.9	14.2	55.8	56.2	90.0	—	45.4	34.7
1.01 or more persons per room	1 836	—	5	160	354	103	177	285	252	77	5	—	352	2 583
Locking complete plumbing for exclusive use	159	—	—	14	89	31	61	50	121	—	—	—	114	402
1.01 or more persons per room	111	—	—	10	18	5	30	15	6	—	4	—	—	113
Median	27	—	—	—	—	—	8	—	—	—	—	—	—	45

Table 72. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 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)

The State

	Spanish origin										Not of Spanish origin				
	Total	Type				Race					White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.
		Mexican	Puerto Rican	Cuban	Other Spanish	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.					
Occupied housing units -----	41 327	27 465	3 090	1 135	9 637	22 297	2 512	426	534	15 558	2 739 739	383 319	12 857	16 574	1 397
HOUSE HEATING FUEL															
Utility gas -----	33 697	22 426	2 660	993	7 618	18 211	2 146	331	417	12 592	2 033 096	338 720	8 999	14 364	1 127
Bottled, tank, or LP gas -----	1 418	1 029	52	13	324	765	47	22	3	581	117 379	5 853	739	185	35
Electricity -----	2 465	1 464	203	60	738	1 159	208	34	81	983	122 496	22 511	608	1 084	98
Fuel oil, kerosene, etc -----	3 091	2 142	144	67	738	1 791	51	34	22	1 193	392 302	11 927	1 823	716	110
Coal or coke -----	133	50	—	—	83	85	30	—	6	12	4 471	1 441	27	152	—
Wood -----	322	216	16	—	90	200	6	—	—	116	65 280	452	640	11	27
Other fuel -----	121	67	15	—	39	72	—	5	5	39	3 923	1 952	12	55	—
No fuel used -----	80	71	—	2	7	14	24	—	—	42	792	480	9	7	—
WATER HEATING FUEL															
Utility gas -----	32 101	21 459	2 579	950	7 113	17 214	2 135	284	410	12 058	1 843 821	330 177	7 913	13 788	1 074
Bottled, tank, or LP gas -----	1 521	1 011	111	15	384	727	94	22	9	669	121 954	12 853	842	280	32
Electricity -----	7 202	4 737	347	159	1 959	4 110	234	120	101	2 637	729 595	36 903	3 720	2 123	288
Fuel oil, kerosene, etc -----	235	142	13	6	74	123	10	—	8	94	30 626	1 005	171	172	—
Other -----	120	57	2	—	59	79	18	—	6	17	6 964	1 621	65	164	—
No fuel used -----	148	59	38	3	48	44	21	—	—	83	6 779	760	146	47	3
COOKING FUEL															
Utility gas -----	25 757	18 057	2 239	607	4 854	12 757	1 921	288	234	10 557	1 040 456	286 395	6 146	7 959	707
Bottled, tank, or LP gas -----	1 987	1 516	65	12	394	1 004	66	26	2	889	160 885	6 038	1 324	182	49
Electricity -----	13 475	7 819	786	514	1 959	8 491	505	105	291	4 083	1 529 959	89 620	5 281	8 419	639
Other -----	43	33	—	2	8	25	—	7	—	11	5 812	346	62	11	2
No fuel used -----	65	40	—	—	25	20	20	—	7	18	2 627	920	44	3	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS															
Specified owner-occupied housing units	19 649	13 390	1 141	583	4 535	11 321	893	134	222	7 079	1 648 367	169 017	5 760	8 010	561
With a mortgage -----	14 572	9 838	883	519	3 332	8 280	696	101	195	5 300	1 031 082	126 328	4 095	6 951	341
Less than \$100 -----	41	22	—	—	19	11	11	—	8	11	1 351	363	20	6	5
\$100 to \$149 -----	142	102	14	5	21	74	13	—	—	54	6 733	1 889	49	34	—
\$150 to \$199 -----	616	463	44	7	102	315	64	—	—	237	27 787	5 707	210	21	12
\$200 to \$249 -----	1 825	1 330	129	48	318	1 006	103	13	14	689	96 471	14 711	513	212	56
\$250 to \$299 -----	2 679	1 980	155	81	463	1 385	90	30	20	1 154	158 886	24 314	675	334	14
\$300 to \$349 -----	2 918	2 068	153	104	593	1 546	168	17	26	1 161	170 290	27 336	856	552	62
\$350 to \$399 -----	2 036	1 415	177	56	388	1 105	88	29	11	803	145 697	21 823	646	565	62
\$400 to \$449 -----	1 240	851	35	55	299	733	51	2	36	418	113 152	12 917	327	546	46
\$450 to \$499 -----	850	519	50	36	245	547	40	—	21	242	84 681	7 165	261	592	6
\$500 to \$599 -----	1 026	588	51	54	333	681	42	5	14	284	105 994	5 686	287	1 027	36
\$600 to \$749 -----	697	374	31	62	230	501	14	—	17	165	71 248	2 544	177	1 331	30
\$750 or more -----	502	126	44	11	321	376	12	4	28	82	48 792	1 873	74	1 731	12
Median -----	\$334	\$325	\$333	\$363	\$369	\$344	\$320	\$319	\$426	\$322	\$369	\$330	\$334	\$563	\$367
Not mortgaged -----	5 077	3 552	258	64	1 203	3 041	197	33	27	1 779	617 285	42 689	1 665	1 059	220
Less than \$50 -----	24	16	—	—	9	6	—	—	—	18	1 711	262	47	—	—
\$50 to \$74 -----	94	65	—	—	29	63	—	—	—	31	9 726	463	104	14	2
\$75 to \$149 -----	341	234	15	—	92	242	7	—	5	87	40 640	2 038	197	52	18
\$100 to \$199 -----	1 841	1 452	69	12	308	1 052	53	20	3	713	216 613	12 370	589	373	50
\$150 to \$199 -----	1 684	1 121	112	27	424	979	67	8	7	623	206 213	14 770	487	384	84
\$200 to \$249 -----	686	452	43	20	171	421	29	5	5	226	88 644	7 761	147	117	43
\$250 or more -----	407	212	19	5	171	278	41	—	7	81	53 738	5 025	94	119	23
Median -----	\$156	\$150	\$164	\$181	\$165	\$157	\$172	\$139	\$170	\$152	\$158	\$170	\$141	\$159	\$180
GROSS RENT															
Specified renter-occupied housing units	16 549	10 708	1 667	426	3 748	7 975	1 287	232	243	6 812	626 621	176 357	5 068	6 911	661
Less than \$50 -----	44	40	—	—	4	9	—	—	—	35	2 727	1 387	59	26	—
\$50 to \$59 -----	66	31	9	6	20	32	22	—	—	12	4 301	3 446	24	24	11
\$60 to \$79 -----	141	87	8	9	37	51	48	—	—	42	10 811	3 220	87	64	—
\$80 to \$99 -----	330	221	14	3	92	152	52	—	—	126	9 673	3 037	81	132	3
\$100 to \$119 -----	389	243	49	8	89	147	37	7	19	179	12 318	4 973	129	78	6
\$120 to \$149 -----	983	690	95	10	188	385	156	46	7	389	28 675	13 039	342	458	43
\$150 to \$169 -----	1 142	724	125	18	275	543	129	21	17	432	32 189	15 895	352	580	29
\$170 to \$199 -----	1 923	1 176	210	33	504	871	184	10	36	822	56 155	21 744	560	651	58
\$200 to \$249 -----	3 734	2 496	494	113	631	1 596	256	34	29	1 819	122 889	37 039	1 156	1 159	143
\$250 to \$299 -----	3 194	2 131	295	70	698	1 644	163	27	78	1 282	124 768	33 079	1 037	1 301	103
\$300 to \$349 -----	2 190	1 434	195	70	491	1 150	138	39	16	847	93 703	19 862	606	1 066	100
\$350 to \$399 -----	963	591	48	42	282	564	37	28	17	317	44 946	10 177	208	497	36
\$400 to \$499 -----	710	355	92	30	233	403	24	20	13	250	36 026	5 546	213	509	70
\$500 or more -----	215	116	16	8	75	151	7	—	11	46	16 190	1 081	44	205	9
No cash rent -----	525	373	17	6	129	277	34	—	—	214	31 250	2 832	170	161	50
Median -----	\$240	\$239	\$231	\$255	\$248	\$252	\$200	\$248	\$257	\$234	\$257	\$227	\$235	\$257	\$256
HOUSEHOLD INCOME IN 1979															
Occupied housing units -----	41 327	27 465	3 090	1 135	9 637	22 297	2 512	426	534	15 558	2 739 739	383 319	12 857	16 574	1 397
Median income -----	\$17 074	\$16 998	\$14 340	\$21 276	\$17 541	\$18 499	\$10 248	\$12 136	\$25 769	\$16 107	\$19 917	\$13 619	\$14 794	\$23 223	\$17 929
Owner-occupied housing units -----	24 027	16 259	1 382	700	5 686	13 972	1 135	175	287	8 458	2 078 989	201 297	7 451	9 490	718
Median income -----	\$21 652	\$21 181	\$21 455	\$26 563	\$22 521	\$22 387	\$18 519	\$15 197	\$30 284	\$20 595	\$22 362	\$19 733	\$18 698	\$32 305	\$23 444
Renter-occupied housing units -----	17 300	11 206	1 708	435	3 951	8 325	1 377	251	247	7 100	660 750	182 022	5 406	7 084	679
Median income -----	\$10 400	\$10 477	\$9 090	\$12 861	\$10 588	\$11 122	\$5 678	\$7 875	\$14 375	\$10 293	\$12 613	\$8 073	\$9 597	\$13 407	\$15 231
INCOME IN 1979 BELOW POVERTY LEVEL															
Owner-occupied housing units -----	2 265	1 569	112	29	555	1 122	215	16	2						

Table 73. Structural Characteristics for Areas and Places: 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]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's										
	Detroit-Ann Arbor, Mich.	Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo-Portage, Mich.	Lansing-East Lansing, Mich.
YEAR STRUCTURE BUILT											
Year-round housing units -----	1 685 862	97 397	71 710	43 116	65 635	1 588 465	186 991	216 278	53 629	104 801	166 484
1979 to March 1980 -----	40 419	2 883	1 500	791	1 057	37 536	4 430	8 121	1 033	3 391	5 723
1975 to 1978 -----	107 296	7 392	3 888	3 528	3 917	99 904	12 741	20 447	3 982	9 568	15 019
1970 to 1974 -----	178 060	16 044	7 257	5 158	7 394	162 016	24 711	26 692	6 029	13 218	23 243
1960 to 1969 -----	300 851	26 313	11 562	6 492	12 624	274 538	40 066	37 807	8 266	19 724	33 175
1950 to 1959 -----	379 522	16 217	11 918	6 887	11 931	363 305	37 438	35 550	7 843	17 204	25 283
1940 to 1949 -----	280 589	8 560	8 581	5 432	9 084	272 029	22 580	23 799	5 946	10 976	15 609
1939 or earlier -----	399 125	19 988	27 004	14 828	19 628	379 137	45 025	63 862	20 530	30 720	48 432
Owner-occupied housing units -----	1 124 927	49 698	50 444	32 771	42 463	1 075 229	134 401	153 226	38 396	67 319	105 659
1979 to March 1980 -----	23 210	1 395	745	545	652	21 815	2 958	4 555	773	1 498	3 109
1975 to 1978 -----	72 205	4 282	2 811	2 489	2 275	67 923	8 722	13 154	2 430	5 478	8 776
1970 to 1974 -----	103 591	6 370	4 475	3 509	4 223	97 221	16 680	17 474	4 082	7 258	12 575
1960 to 1969 -----	195 423	10 875	8 351	5 067	8 259	184 548	28 685	28 702	6 383	12 849	19 514
1950 to 1959 -----	305 177	10 675	9 187	5 977	8 692	294 502	29 797	30 319	6 147	13 012	18 016
1940 to 1949 -----	190 975	4 786	5 928	4 045	5 482	186 189	15 486	17 198	4 207	7 464	9 826
1939 or earlier -----	234 346	11 315	18 947	11 139	12 880	223 031	32 073	41 824	14 374	19 760	33 843
Renter-occupied housing units -----	477 040	43 239	16 112	8 577	17 813	433 801	43 599	52 821	12 578	31 207	53 642
1979 to March 1980 -----	8 241	849	456	577	204	7 392	957	2 197	115	925	1 630
1975 to 1978 -----	30 563	2 764	904	893	1 390	27 799	3 030	6 421	1 365	3 684	5 650
1970 to 1974 -----	66 555	8 799	2 341	1 487	2 545	57 756	6 896	8 254	1 667	5 340	9 933
1960 to 1969 -----	96 308	14 297	2 312	1 272	3 461	82 011	9 794	8 057	1 510	6 104	12 600
1950 to 1959 -----	64 506	5 206	1 974	741	2 473	59 300	6 484	4 439	1 397	3 430	6 512
1940 to 1949 -----	75 202	3 485	1 960	1 114	2 675	71 717	5 940	5 652	1 534	2 901	5 004
1939 or earlier -----	135 665	7 839	6 165	2 873	5 065	127 826	10 498	17 801	4 990	8 819	12 313
BEDROOMS											
Year-round housing units -----	1 685 862	97 397	71 710	43 116	65 635	1 588 465	186 991	216 278	53 629	104 801	166 484
None -----	23 966	2 351	830	448	997	21 615	1 444	2 112	727	1 382	2 082
1 -----	209 304	18 466	8 320	4 563	7 490	190 838	19 072	23 170	6 053	13 865	22 306
2 -----	492 732	29 819	23 579	13 056	22 117	462 913	59 806	64 678	16 824	34 025	51 296
3 -----	713 797	31 944	28 093	18 221	25 200	681 853	81 027	89 131	21 751	39 167	62 989
4 -----	207 644	12 113	8 836	5 676	7 778	195 531	21 523	31 482	6 766	13 570	22 448
5 or more -----	38 419	2 704	2 052	1 152	2 053	35 715	4 119	5 705	1 508	2 792	5 363
Owner-occupied housing units -----	1 124 927	49 698	50 444	32 771	42 463	1 075 229	134 401	153 226	38 396	67 319	105 659
None -----	972	34	55	50	83	938	125	162	78	89	94
1 -----	25 011	1 354	2 088	1 019	1 396	23 657	3 588	4 351	1 576	2 227	3 045
2 -----	262 792	7 759	14 919	9 072	12 043	253 033	36 231	37 035	10 559	18 131	25 006
3 -----	615 541	25 749	23 983	16 478	20 838	589 792	71 471	78 141	18 877	32 922	53 282
4 -----	186 988	10 695	7 696	5 103	6 511	176 293	19 424	28 546	6 015	11 658	19 775
5 or more -----	33 623	2 107	1 703	1 049	1 592	31 516	3 562	4 991	1 291	2 292	4 457
Renter-occupied housing units -----	477 040	43 239	16 112	8 577	17 813	433 801	43 599	52 821	12 578	31 207	53 642
None -----	19 490	2 176	639	279	683	17 314	1 147	1 606	421	1 085	1 726
1 -----	162 949	15 774	5 139	3 149	4 957	147 175	13 518	16 627	3 975	10 409	17 587
2 -----	197 794	18 305	6 301	3 354	7 961	179 489	19 528	23 730	5 259	13 339	23 592
3 -----	78 879	5 306	2 950	1 372	3 031	73 573	7 360	8 269	2 181	4 594	7 812
4 -----	14 273	1 134	839	360	881	13 139	1 647	2 017	563	1 412	2 111
5 or more -----	3 655	544	244	63	300	3 111	399	572	179	368	814
STORIES IN STRUCTURE											
Year-round housing units -----	1 685 862	97 397	71 710	43 116	65 635	1 588 465	186 991	216 278	53 629	104 801	166 484
1 to 3 -----	1 620 002	93 462	71 019	42 511	65 015	1 526 540	185 577	213 701	52 645	103 606	164 102
4 to 6 -----	32 563	1 946	339	306	266	30 617	748	1 673	904	1 032	1 484
7 to 12 -----	21 513	1 418	352	292	241	20 095	627	840	80	163	799
13 or more -----	11 784	571	—	7	113	11 213	39	64	—	—	99
PASSENGER ELEVATOR											
Year-round housing units -----	1 685 862	97 397	71 710	43 116	65 635	1 588 465	186 991	216 278	53 629	104 801	166 484
Structures with 4 or more stories -----	65 860	3 935	691	605	620	61 925	1 414	2 577	984	1 195	2 382
With elevator -----	53 640	2 556	549	512	479	51 084	1 248	2 214	852	692	1 853
UNITS IN STRUCTURE											
Year-round housing units -----	1 685 862	97 397	71 710	43 116	65 635	1 588 465	186 991	216 278	53 629	104 801	166 484
1, detached -----	1 141 784	51 404	55 227	33 209	48 734	1 090 380	141 255	154 518	40 814	71 739	112 135
1, attached -----	58 289	5 761	898	614	1 185	52 528	3 529	4 162	723	1 997	4 818
2 -----	120 325	4 623	3 491	2 040	4 035	115 702	7 664	17 590	2 865	5 568	8 279
3 and 4 -----	55 798	4 633	2 584	1 689	2 667	51 165	6 074	8 250	2 073	4 385	5 370
5 to 9 -----	84 474	11 018	1 599	1 216	1 699	73 456	5 362	6 441	936	3 826	5 914
10 to 49 -----	126 263	14 503	3 361	1 356	3 443	111 760	10 184	12 977	2 171	10 176	18 902
50 or more -----	63 607	3 729	787	865	1 257	59 878	3 179	3 829	1 118	1 688	3 778
Mobile home or trailer, etc. -----	35 322	1 726	3 763	2 127	2 615	33 596	9 744	8 811	2 929	5 422	7 288
Owner-occupied housing units -----	1 124 927	49 698	50 444	32 771	42 463	1 075 229	134 401	153 226	38 396	67 319	105 659
1, detached -----	1 011 379	44 113	46 274	29 672	38 628	967 266	121 551	137 988	34 890	60 284	95 523
1, attached -----	23 818	1 609	276	288	288	22 209	1 471	1 540	171	640	968
2 -----	30 918	1 098	792	584	1 046	29 820	2 024	3 553	734	1 273	1 816
3 and 4 -----	8 977	522	248	155	301	8 455	1 131	801	154	393	603
5 or more -----	20 496	915	231	331	409	19 581	881	1 952	169	666	952
Mobile home or trailer, etc. -----	29 339	1 441	2 623	1 807	1 869	27 898	7 343	7 392	2 278	4 063	5 797
Renter-occupied housing units -----	477 040	43 239	16 112	8 577	17 813	433 801	43 599	52 821	12 578	31 207	53 642
1, detached -----	97 987	5 880	5 623	2 568	6 857	92 107	15 314	11 887	4 411	8 256	11 138
1, attached -----	29 967	3 861	512	295	832	26 106	1 763	2 088	504	1 175	3 499
2 -----	79 074	3 229	2 274	1 258	2 610	75 845	4 863	12 382	1 954	3 798	5 831
3 and 4 -----	41 636	3 901	2 081	1 221	1 941	37 735	4 360	6 564	1 717	3 522	4 354
5 to 9 -----	67 824	9 834	1 342	992	1 222	57 993	4 244	4 678	786	3 361	5 125
10 to 49 -----	101 636	13 029	2 910	1 151	2 817	88 607	8 683	11 094	1 938	8 560	17 002
50 or more -----	54 701	3 295	693	847	1 004	51 406	2 843	3 305	849	1 539	3 501
Mobile home or trailer, etc. -----	4 215	213	677	245	530	4 002	1 529	823	419	996	1 192
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units -----	463 764	41 625	15 024	8 209	16 360	422 139	41 638	50 933	11 806	29 514	50 982
1, mobile home or trailer, etc. -----	118 893	8 340	5 724	2 740	6 766	110 553	16 645	12 910	4 562	8 734	15 169
Median gross rent -----	\$296	\$342	\$250	\$267	\$255	\$294	\$281	\$264	\$270	\$269	\$286
2 or more -----	344 871	33 285	9 300	5 469	9 594	311 586	24 993	38 023	7 244	20 780	35 813
Median gross rent -----	\$255	\$294	\$210	\$213	\$223	\$250					

Table 73. Structural Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegon— Norton Shores— Muskegon Heights, Mich.	Saginaw, Mich.	Toledo, Ohio—Mich.			Ann Arbor, Mich.	Bottle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Ottawa, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
YEAR STRUCTURE BUILT											
Year-round housing units	66 040	79 436	296 409	45 124	251 285	79 920	30 919	29 280	23 261	1 404 236	123 885
1979 to March 1980	1 629	2 031	8 420	4 349	7 071	2 135	429	289	27 672	2 347	5 845
1975 to 1978	4 290	5 780	22 018	4 049	17 969	5 638	972	1 598	1 202	75 261	13 952
1970 to 1974	7 162	10 493	32 777	6 334	26 443	15 497	2 396	2 961	4 941	26 790	28 400
1960 to 1969	10 548	16 089	45 235	6 577	38 658	23 292	4 659	3 881	4 941	245 542	28 066
1950 to 1959	11 982	13 366	48 779	7 838	40 941	13 451	6 182	4 782	4 696	339 095	16 976
1940 to 1949	10 801	9 247	35 099	5 482	29 617	6 729	4 640	3 864	3 457	254 619	28 299
1939 or earlier	19 628	22 430	104 081	13 495	90 586	13 178	11 858	11 765	6 369	335 257	83 182
Owner-occupied housing units	47 373	56 446	194 939	33 963	160 976	35 342	20 361	21 214	13 985	932 921	83 182
1979 to March 1980	1 086	1 148	3 634	998	2 636	768	79	231	166	14 594	1 185
1975 to 1978	3 167	3 969	13 046	2 937	10 109	2 523	432	865	609	47 197	3 049
1970 to 1974	4 579	6 399	18 659	4 602	14 057	5 168	826	1 674	1 296	69 808	7 698
1960 to 1969	7 814	11 829	29 803	5 331	24 472	8 140	3 163	2 814	3 011	161 644	18 645
1950 to 1959	9 634	10 532	38 076	6 554	31 522	8 527	4 987	4 155	3 511	274 922	21 924
1940 to 1949	7 461	6 589	22 858	3 961	18 897	3 523	3 094	2 875	1 834	173 449	11 180
1939 or earlier	13 632	15 980	68 863	9 580	59 283	6 693	7 780	8 600	3 558	191 307	19 501
Renter-occupied housing units	14 571	19 670	82 625	9 147	73 478	40 896	9 041	6 965	7 779	401 631	34 348
1979 to March 1980	358	485	2 414	145	2 269	906	97	172	102	6 501	892
1975 to 1978	805	1 589	7 476	937	6 539	2 796	506	685	537	24 872	2 220
1970 to 1974	2 131	3 609	12 287	1 574	10 713	9 338	1 488	1 197	872	51 650	5 434
1960 to 1969	2 192	3 783	13 625	1 045	12 580	14 166	1 299	1 003	1 708	76 981	8 441
1950 to 1959	1 818	2 444	8 711	1 024	7 687	4 689	1 042	544	988	55 640	5 315
1940 to 1949	2 670	2 327	10 075	1 244	8 831	2 986	1 285	837	1 320	68 014	4 899
1939 or earlier	4 597	5 433	28 037	3 178	24 859	6 015	3 324	2 527	2 252	117 973	7 147
BEDROOMS											
Year-round housing units	66 040	79 436	296 409	45 124	251 285	79 920	30 919	29 280	23 261	1 404 236	123 885
None	559	758	3 411	337	3 074	2 283	488	358	512	20 489	1 187
1	6 890	7 598	36 120	4 065	32 055	17 916	4 804	3 794	3 233	176 184	14 735
2	23 321	24 216	92 301	12 758	79 543	26 749	10 490	9 117	7 716	411 114	43 807
3	25 977	35 083	122 144	20 732	101 412	23 041	11 359	11 342	8 562	599 146	49 435
4	7 742	9 843	35 519	5 940	29 579	8 322	3 216	3 930	2 708	167 440	12 592
5 or more	1 551	1 938	6 914	1 292	5 622	1 609	562	739	530	29 863	2 129
Owner-occupied housing units	47 373	56 446	194 939	33 963	160 976	35 342	20 361	21 214	13 985	932 921	83 182
None	59	56	245	70	175	3	7	17	26	779	71
1	1 745	1 338	4 881	885	3 996	1 019	842	667	439	19 987	2 320
2	15 263	14 004	48 638	8 354	40 284	7 689	6 658	6 217	3 836	218 459	25 159
3	22 314	30 547	104 549	18 365	86 184	18 094	9 608	10 091	7 008	516 051	42 533
4	6 883	8 886	30 938	5 225	25 713	7 394	2 794	3 543	2 236	151 166	11 291
5 or more	1 309	1 615	5 688	1 064	4 624	1 143	452	679	440	26 479	1 808
Renter-occupied housing units	14 571	19 670	82 625	9 147	73 478	40 896	9 041	6 965	7 779	401 631	34 348
None	398	625	2 527	170	2 357	2 160	429	250	363	16 547	992
1	4 395	5 533	26 269	2 753	23 516	15 626	3 509	2 789	2 399	137 806	10 903
2	6 277	8 839	36 356	3 819	32 537	17 475	3 246	2 565	3 327	165 866	15 646
3	2 610	3 679	13 237	1 680	11 557	4 404	1 411	1 066	1 202	67 632	5 484
4	749	758	3 305	548	2 757	798	355	256	407	11 309	1 070
5 or more	142	236	931	177	754	433	91	39	81	2 471	253
STORIES IN STRUCTURE											
Year-round housing units	66 040	79 436	296 409	45 124	251 285	79 920	30 919	29 280	23 261	1 404 236	123 885
1 to 3	65 380	78 545	292 363	44 610	247 753	75 982	30 406	28 677	22 810	1 342 645	122 491
4 to 6	44	318	2 366	214	2 152	1 950	161	304	233	30 396	728
7 to 12	591	557	1 549	295	1 254	1 418	352	292	105	19 986	627
13 or more	25	16	131	5	126	570	—	7	113	11 209	39
PASSENGER ELEVATOR											
Year-round housing units	66 040	79 436	296 409	45 124	251 285	79 920	30 919	29 280	23 261	1 404 236	123 885
Structures with 4 or more stories	660	891	4 046	514	3 532	3 938	513	603	451	61 591	1 394
With elevator	642	784	2 828	467	2 361	2 555	419	512	328	50 828	1 238
UNITS IN STRUCTURE											
Year-round housing units	66 040	79 436	296 409	45 124	251 285	79 920	30 919	29 280	23 261	1 404 236	123 885
1, detached	52 365	60 428	206 379	35 306	171 073	33 987	22 364	21 502	15 799	947 007	89 028
1, attached	636	1 480	4 572	452	4 120	5 564	519	465	675	50 136	3 020
2	3 109	4 624	19 838	2 074	17 764	3 296	1 770	1 848	1 810	109 444	5 419
3 and 4	1 883	2 771	11 137	1 032	10 105	4 006	1 730	1 507	1 236	47 028	4 430
5 to 9	1 384	2 816	10 787	949	9 838	10 690	901	1 079	636	69 065	4 309
10 to 49	2 221	3 467	22 965	1 692	21 273	15 762	2 382	1 073	1 484	104 312	8 940
50 or more	1 289	1 373	7 720	929	6 791	3 886	531	865	678	58 498	2 795
Mobile home or trailer, etc.	3 153	2 477	13 011	2 690	10 321	2 729	722	941	943	18 746	5 944
Owner-occupied housing units	47 373	56 446	194 939	33 963	160 976	35 342	20 361	21 214	13 985	932 921	83 182
1, detached	43 421	52 506	176 259	30 468	145 791	29 376	19 162	19 321	12 568	842 614	75 013
1, attached	227	427	1 339	156	1 183	1 585	137	246	168	21 211	1 140
2	713	922	3 918	591	3 327	679	349	502	404	28 110	1 370
3 and 4	194	210	1 193	163	1 030	430	134	212	119	7 669	744
5 or more	272	419	1 693	127	1 566	926	114	98	97	18 050	618
Mobile home or trailer, etc.	2 546	1 962	10 537	2 458	8 079	2 346	465	835	629	15 267	4 297
Renter-occupied housing units	14 571	19 670	82 625	9 147	73 478	40 896	9 041	6 965	7 779	401 631	34 348
1, detached	6 180	6 410	22 174	3 555	18 619	3 927	2 489	1 688	2 509	79 556	11 260
1, attached	375	999	2 715	277	2 438	3 701	302	207	460	25 024	1 589
2	2 052	3 340	13 849	1 301	12 548	2 432	1 242	1 183	1 294	71 681	3 481
3 and 4	1 494	2 206	8 383	772	7 611	3 407	1 445	1 119	937	34 735	3 252
5 to 9	1 094	2 263	8 821	793	8 028	9 594	775	894	486	54 937	3 439
10 to 49	1 808	2 897	18 414	1 421	16 993	14 122	2 104	935	1 231	82 782	7 650
50 or more	1 194	1 205	6 689	839	5 850	3 429	476	847	598	50 298	2 609
Mobile home or trailer, etc.	374	350	1 580	189	1 391	284	208	92	264	2 618	1 068
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	13 795	18 670	78 994	8 354	70 640	40 037	8 871	6 827	7 465	393 154	33 481
1, mobile home or trailer, etc.	6 153	6 759	22 838	3 228	19 610	7					

Table 73. Structural Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon- Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
	YEAR STRUCTURE BUILT									
Year-round housing units	139 519	29 598	59 059	94 055	39 799	22 692	53 227	87 044	77 745	9 299
1979 to March 1980	4 438	170	1 851	3 099	872	457	1 036	1 493	1 405	88
1975 to 1978	11 419	1 279	4 253	7 888	1 789	1 448	2 801	5 115	4 751	364
1970 to 1974	15 083	2 019	6 620	12 960	3 295	2 054	5 866	7 569	6 610	959
1960 to 1969	24 548	3 708	11 974	21 856	6 227	3 122	11 028	12 527	11 100	1 427
1950 to 1959	24 838	4 356	11 166	17 868	7 921	3 385	9 536	16 920	15 018	1 902
1940 to 1949	16 360	3 962	6 877	10 390	7 456	3 450	6 754	13 948	12 535	1 413
1939 or earlier	42 833	14 104	16 318	19 994	12 239	8 776	16 206	29 472	26 326	3 146
Owner-occupied housing units	91 951	19 234	33 481	49 726	26 907	15 121	34 565	58 989	52 516	6 473
1979 to March 1980	1 876	86	465	1 370	442	224	397	738	661	77
1975 to 1978	5 529	308	1 537	3 159	1 102	980	1 391	2 349	2 152	197
1970 to 1974	7 815	792	2 348	4 203	1 424	1 296	2 388	3 636	3 184	452
1960 to 1969	17 757	2 618	6 751	10 523	4 374	1 938	7 565	7 519	6 541	978
1950 to 1959	21 281	3 370	8 345	12 073	6 371	2 668	7 170	13 681	12 113	1 568
1940 to 1949	11 574	2 667	4 590	6 162	4 996	2 255	4 537	9 953	8 941	1 012
1939 or earlier	26 119	9 393	9 445	12 236	8 198	5 760	11 117	21 113	18 924	2 189
Renter-occupied housing units	40 735	8 975	22 476	40 317	10 918	6 547	16 216	23 279	20 872	2 407
1979 to March 1980	1 675	44	671	1 129	308	132	373	691	684	7
1975 to 1978	5 326	902	2 583	4 390	560	438	1 290	2 145	1 989	156
1970 to 1974	6 657	1 134	3 980	8 252	1 681	672	3 094	3 546	3 112	434
1960 to 1969	6 194	965	4 886	10 621	1 639	1 053	3 096	4 523	4 112	411
1950 to 1959	3 143	836	2 556	5 308	1 295	629	2 050	2 627	2 352	275
1940 to 1949	4 174	1 199	2 011	3 800	2 052	990	1 984	3 154	2 826	328
1939 or earlier	13 566	3 895	5 789	6 817	3 383	2 633	4 329	6 593	5 797	796
BEDROOMS										
Year-round housing units	139 519	29 598	59 059	94 055	39 799	22 692	53 227	87 044	77 745	9 299
None	1 691	620	1 034	1 595	404	328	529	1 067	923	144
1	18 126	4 390	9 748	17 012	5 181	2 844	6 290	11 556	10 310	1 246
2	42 748	9 605	19 630	32 195	14 271	7 388	17 350	30 468	27 254	3 214
3	55 655	11 228	20 412	30 425	14 806	9 042	21 724	31 916	28 332	3 584
4	18 207	3 187	6 960	10 702	4 391	2 660	6 192	10 079	9 123	956
5 or more	3 092	568	1 275	2 126	746	430	1 142	1 958	1 803	155
Owner-occupied housing units	91 951	19 234	33 481	49 726	26 907	15 121	34 565	58 989	52 516	6 473
None	76	50	18	31	11	—	24	60	42	18
1	2 402	882	856	1 585	908	460	787	1 958	1 750	208
2	22 102	5 527	8 899	12 649	8 890	4 289	9 000	19 275	17 208	2 067
3	48 120	9 442	16 771	24 550	12 647	7 676	18 209	27 083	23 851	3 232
4	16 494	2 843	5 923	9 242	3 805	2 336	5 580	8 974	8 154	820
5 or more	2 757	490	1 014	1 669	646	360	965	1 639	1 511	128
Renter-occupied housing units	40 735	8 975	22 476	40 317	10 918	6 547	16 216	23 279	20 872	2 407
None	1 320	400	894	1 388	342	316	454	808	702	106
1	13 921	3 158	8 071	14 301	3 767	2 170	4 891	8 475	7 577	898
2	17 971	3 578	9 482	17 908	4 560	2 651	7 282	9 306	8 349	957
3	6 033	1 454	2 943	5 008	1 746	1 107	2 940	3 649	3 331	318
4	1 210	310	872	1 271	438	245	515	807	706	101
5 or more	280	75	214	441	65	58	134	234	207	27
STORIES IN STRUCTURE										
Year-round housing units	139 519	29 598	59 059	94 055	39 799	22 692	53 227	87 044	77 745	9 299
1 to 3	137 206	28 789	58 201	91 827	39 139	22 480	52 342	85 509	76 374	9 135
4 to 6	1 409	729	695	1 331	44	103	312	955	927	28
7 to 12	840	80	163	798	591	109	557	580	444	136
13 or more	64	—	—	99	25	—	16	—	—	—
PASSENGER ELEVATOR										
Year-round housing units	139 519	29 598	59 059	94 055	39 799	22 692	53 227	87 044	77 745	9 299
Structures with 4 or more stories	2 313	809	858	2 228	660	212	885	1 535	1 371	164
With elevator	1 961	685	450	1 710	642	184	784	1 262	1 111	151
UNITS IN STRUCTURE										
Year-round housing units	139 519	29 598	59 059	94 055	39 799	22 692	53 227	87 044	77 745	9 299
1, detached	92 024	21 326	35 985	53 859	30 031	16 317	38 076	65 128	58 069	7 059
1, attached	3 393	476	1 647	4 239	532	340	1 277	1 986	1 935	51
2	13 782	2 140	3 832	5 241	2 497	1 901	4 118	3 492	3 062	430
3 and 4	6 639	1 716	3 345	3 667	1 382	1 283	2 382	3 429	3 042	387
5 to 9	5 213	654	2 864	4 763	1 210	898	2 343	4 257	3 885	372
10 to 49	11 425	1 925	8 861	16 534	2 112	996	3 129	4 690	4 257	433
50 or more	3 489	950	1 340	3 388	1 289	444	1 355	2 238	2 002	236
Mobile home or trailer, etc.	3 554	411	1 185	2 364	746	513	547	1 824	1 493	331
Owner-occupied housing units	91 951	19 234	33 481	49 726	26 907	15 121	34 565	58 989	52 516	6 473
1, detached	82 788	18 180	30 778	45 057	25 213	13 836	32 535	55 474	49 499	5 975
1, attached	1 214	81	482	767	106	106	333	484	484	12
2	2 709	457	690	901	533	377	762	839	726	113
3 and 4	560	100	227	397	86	92	144	375	320	55
5 or more	1 531	131	386	704	217	292	352	471	419	52
Mobile home or trailer, etc.	3 149	285	918	1 900	672	418	439	1 334	1 068	266
Renter-occupied housing units	40 735	8 975	22 476	40 317	10 918	6 547	16 216	23 279	20 872	2 407
1, detached	6 974	2 544	4 243	7 417	3 779	1 898	4 633	7 088	6 229	859
1, attached	1 733	360	1 003	3 193	324	216	895	1 299	1 260	39
2	9 695	1 562	2 840	3 948	1 691	1 400	3 034	2 267	1 998	269
3 and 4	5 355	1 454	2 743	3 024	1 161	1 068	1 896	2 680	2 366	314
5 to 9	3 797	532	2 574	4 145	968	700	1 883	3 555	3 270	285
10 to 49	9 887	1 732	7 582	15 011	1 758	782	2 615	4 037	3 663	374
50 or more	2 974	684	1 239	3 179	1 194	405	1 187	2 019	1 808	211
Mobile home or trailer, etc.	320	107	252	400	43	78	173	334	278	56
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	40 117	8 822	22 067	39 637	10 768	6 448	15 837	22 761	20 408	2 353
1, mobile home or trailer, etc.	8 409	2 858	5 089	10 330	3 996	2 093	5 222	8 203	7 303	900
Median gross rent	\$264	\$266	\$286	\$295	\$232	\$293	\$280	\$244	\$242	\$257
2 or more	31 708	5 964	16 978	29 307	6 772	4 355	10 615	14 558	13 105	1 453
Median gross rent	\$219	\$218	\$232	\$248	\$193	\$227	\$244	\$208	\$209	\$205

Table 73. Structural Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.			Places									
	Toledo, Ohio—Mich.			Ann Arbor city	Bottle Creek city	Bay City city	Benton Harbor city	Dearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city	
	Total	Michigan (pt.)	Ohio (pt.)										
YEAR STRUCTURE BUILT													
Year-round housing units													
1979 to March 1980	190 364	4 517	185 847	40 133	15 101	16 314	5 182	35 692	23 483	471 228	13 108	21 551	
1975 to 1978	5 277	128	5 149	750	108	191	15	72	58	1 679	294	2 045	
1970 to 1974	12 359	355	12 004	2 092	305	285	26	510	483	4 424	771	3 411	
1960 to 1969	17 985	513	17 472	5 309	907	687	106	1 154	752	8 747	1 318	3 325	
1950 to 1959	29 283	1 582	27 701	13 150	1 055	1 023	411	2 036	6 486	25 644	3 958	6 623	
1940 to 1949	33 379	991	32 388	6 710	1 768	2 088	881	8 838	11 336	80 645	3 520	3 776	
1939 or earlier	24 578	393	24 185	3 587	2 210	2 234	1 309	11 810	2 951	135 134	1 600	1 350	
	67 503	555	66 948	8 535	8 748	9 806	2 434	11 272	1 417	214 955	1 647	1 021	
Owner-occupied housing units													
1979 to March 1980	118 979	3 848	115 131	16 201	8 314	11 321	2 254	26 725	20 154	250 864	4 435	14 470	
1975 to 1978	1 491	32	1 459	197	32	29	—	61	50	270	103	931	
1970 to 1974	6 002	270	5 732	762	36	128	9	128	437	388	324	1 592	
1960 to 1969	8 324	495	7 829	1 677	93	377	62	565	619	1 884	310	1 955	
1950 to 1959	18 452	1 427	17 025	4 247	425	655	119	1 332	4 908	9 892	986	4 796	
1940 to 1949	25 855	840	25 015	3 499	1 200	1 712	377	7 931	10 466	50 574	1 119	3 267	
1939 or earlier	15 712	334	15 378	1 581	1 317	1 526	475	9 402	2 512	80 405	658	1 100	
	43 143	450	42 693	4 238	5 211	6 894	1 212	7 306	1 162	107 451	935	829	
Renter-occupied housing units													
1979 to March 1980	58 888	534	58 354	22 733	5 810	4 224	2 343	8 165	3 043	182 624	8 279	5 708	
1975 to 1978	2 056	34	2 022	419	76	156	15	—	—	1 188	119	481	
1970 to 1974	5 336	74	5 262	1 194	241	150	10	376	41	3 776	436	1 620	
1960 to 1969	8 524	6	8 518	3 508	803	290	34	551	133	6 297	936	1 196	
1950 to 1959	9 930	126	9 804	8 537	594	356	276	671	1 473	14 035	2 899	1 628	
1940 to 1949	6 296	133	6 163	3 078	487	338	410	808	772	25 436	2 298	448	
1939 or earlier	7 382	59	7 323	1 932	722	599	686	2 174	391	45 027	903	186	
	19 364	102	19 262	4 065	2 887	2 335	912	3 585	233	86 865	688	149	
BEDROOMS													
Year-round housing units													
None	190 364	4 517	185 847	40 133	15 101	16 314	5 182	35 692	23 483	471 228	13 108	21 551	
1	2 424	6	2 418	1 648	374	234	283	472	18	13 535	319	130	
2	27 063	306	26 757	9 161	3 056	2 533	1 043	3 339	1 410	75 284	3 672	3 134	
3	60 702	939	59 763	12 675	4 974	4 804	1 713	11 173	4 987	160 498	4 320	5 412	
4	75 823	2 427	73 396	10 682	4 992	5 625	1 409	16 478	14 626	168 905	2 697	6 723	
5 or more	20 677	733	19 944	4 868	1 413	2 540	595	3 645	2 163	42 125	1 464	5 524	
	3 675	106	3 569	1 099	292	578	139	585	279	10 881	636	628	
Owner-occupied housing units													
None	118 979	3 848	115 131	16 201	8 314	11 321	2 254	26 725	20 154	250 864	4 435	14 470	
1	102	—	102	3	—	4	—	13	5	424	—	5	
2	2 805	100	2 705	486	392	414	144	389	414	6 539	66	393	
3	29 505	676	28 829	3 144	2 813	3 311	721	7 559	3 648	77 091	671	2 142	
4	65 002	2 287	62 715	7 574	3 780	4 800	848	14 869	13 767	124 252	2 192	6 030	
5 or more	18 461	693	17 768	4 274	1 117	2 257	432	3 401	2 054	33 828	1 168	5 288	
	3 104	92	3 012	720	212	525	93	492	266	8 730	338	612	
Renter-occupied housing units													
None	58 888	534	58 354	22 733	5 810	4 224	2 343	8 165	3 043	182 624	8 279	5 708	
1	1 896	6	1 890	1 583	341	172	197	424	13	10 685	308	99	
2	20 365	152	20 213	8 311	2 379	1 836	736	2 834	981	57 971	3 475	2 428	
3	26 059	225	25 834	9 099	1 806	1 327	794	3 211	1 249	69 865	3 492	2 605	
4	8 526	116	8 410	2 857	968	662	445	1 417	692	36 109	439	522	
5 or more	1 629	35	1 594	517	255	195	134	203	95	6 402	267	43	
	413	—	413	366	61	32	37	76	13	1 592	298	111	
STORIES IN STRUCTURE													
Year-round housing units													
1 to 3	190 364	4 517	185 847	40 133	15 101	16 314	5 182	35 692	23 483	471 228	13 108	21 551	
4 to 6	186 917	4 517	182 400	37 425	14 620	15 716	4 956	34 091	23 477	430 015	12 675	21 543	
7 to 12	2 078	—	2 078	1 502	129	299	114	516	6	23 110	425	8	
13 or more	1 243	—	1 243	647	352	292	105	1 061	—	8 883	8	—	
	126	—	126	559	—	7	7	24	—	9 220	—	—	
PASSENGER ELEVATOR													
Year-round housing units													
Structures with 4 or more stories	190 364	4 517	185 847	40 133	15 101	16 314	5 182	35 692	23 483	471 228	13 108	21 551	
With elevator	3 447	—	3 447	2 708	481	598	226	1 601	6	41 213	433	8	
	2 322	—	2 322	1 624	419	512	124	1 359	—	32 193	129	—	
UNITS IN STRUCTURE													
Year-round housing units													
1, detached	190 364	4 517	185 847	40 133	15 101	16 314	5 182	35 692	23 483	471 228	13 108	21 551	
1, attached	125 965	3 897	122 068	16 640	9 732	11 983	3 226	26 831	21 041	267 184	4 738	14 548	
2	3 525	20	3 505	3 868	414	141	109	741	142	14 340	628	599	
3 and 4	14 998	75	14 923	2 327	1 428	1 688	621	4 244	111	80 473	633	125	
5 to 9	8 305	40	8 265	2 212	1 309	1 157	623	766	550	20 291	436	405	
10 to 49	8 322	87	8 235	6 434	697	440	251	397	611	13 023	1 067	1 969	
50 or more	18 713	134	18 579	6 344	1 086	260	98	1 284	401	46 094	4 899	2 971	
Mobile home or trailer, etc.	6 075	39	6 036	2 251	435	509	249	1 422	233	29 138	702	561	
	4 461	225	4 236	57	—	136	5	7	394	685	5	573	
Owner-occupied housing units													
1, detached	118 979	3 848	115 131	16 201	8 314	11 321	2 254	26 725	20 154	250 864	4 435	14 470	
1, attached	109 429	3 585	105 844	14 067	7 781	10 523	2 055	24 696	19 605	217 844	3 994	13 256	
2	956	7	949	1 072	89	84	20	306	69	5 426	162	201	
3 and 4	2 772	38	2 734	423	261	436	142	1 155	45	20 762	66	14	
5 or more	826	14	812	204	109	120	19	130	22	2 122	77	58	
Mobile home or trailer, etc.	1 282	9	1 273	405	74	28	18	438	62	4 415	136	666	
	3 714	195	3 519	30	—	130	—	—	351	295	—	275	
Renter-occupied housing units													
1, detached	58 888	534	58 354	22 733	5 810	4 224	2 343	8 165	3 043	182 624	8 279	5 708	
1, attached	12 684	257	12 427	2 248	1 519	1 142	892	1 745	1 210	37 203	665	667	
2	2 109	13	2 096	2 633	247	49	81	391	69	7 213	396	336	
3 and 4	10 615	32	10 583	1 771	1 003	1 089	399	2 873	66	52 178	560	95	
5 to 9	6 168	26	6 142	1 965	1 072	903	506	601	523	15 492	359	334	
10 to 49	6 757	57	6 700	5 963	599	321	191	302	545	10 158	969	1 556	
50 or more	14 837	60	14 757	6 035	990	211	65	1 158	372	35 736	4 638	1 913	
Mobile home or trailer, etc.	5 234	39	5 195	2 091	380	503	204	1 088	228	24 370	687	520	
	484	30	454	27	—	6	5	7	30	274	5	287	
UNITS IN STRUCTURE BY GROSS RENT													
Specified renter-occupied housing units													
1, mobile home or trailer, etc.	57 984	502	57 482	22 193	5 732	4 175	2 266	8 032	2 994	179 223	8 245	5 569	
Median gross rent	14 373	268	14 105	4 368	1 688	1 148	901	2 010	1 260	41 289	1 032	1 151	
2 or more	\$264	\$264	\$264	\$366	\$276	\$276	\$272	\$346	\$326	\$480	\$480	\$328	
Median gross rent	43 611	234	43 377	17 825	4 044	3 027	1 365	6 022	1 734	137 934	7 213	4 418	
	\$230	\$22											

Table 73. Structural Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kalamazoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shores city	Pontiac city	Portage city	Roseville city
YEAR STRUCTURE BUILT												
Year-round housing units -----	60 910	69 847	15 937	30 199	51 938	33 009	16 327	5 408	7 995	27 740	13 629	18 480
1979 to March 1980 -----	510	903	7	389	1 158	729	234	26	298	310	861	249
1975 to 1978 -----	609	1 889	81	1 328	2 518	1 812	237	18	715	593	1 819	680
1970 to 1974 -----	2 968	3 015	676	2 424	5 979	3 082	1 287	190	768	2 794	1 937	1 378
1960 to 1969 -----	9 662	8 107	1 064	4 334	10 050	11 613	1 402	598	1 796	4 733	4 431	4 417
1950 to 1959 -----	14 961	11 156	1 235	4 889	9 146	11 853	2 115	897	2 332	5 992	2 853	7 898
1940 to 1949 -----	10 863	10 467	1 976	4 124	6 952	2 345	3 131	1 329	1 181	4 954	838	2 171
1939 or earlier -----	21 337	34 310	10 898	12 711	16 135	1 575	7 921	2 350	905	8 364	890	1 687
Owner-occupied housing units -----	38 416	41 303	8 899	14 283	28 361	29 793	9 028	3 219	6 694	14 434	9 757	14 437
1979 to March 1980 -----	80	238	5	125	482	415	14	11	251	32	218	212
1975 to 1978 -----	249	695	28	360	849	1 398	15	10	500	138	758	498
1970 to 1974 -----	1 341	980	95	584	1 529	2 530	154	65	592	496	1 065	871
1960 to 1969 -----	5 154	4 830	289	1 432	4 776	10 825	699	253	1 562	1 851	3 743	2 749
1950 to 1959 -----	10 994	8 841	764	3 024	6 798	11 217	1 490	518	2 024	3 872	2 509	6 900
1940 to 1949 -----	6 604	6 723	982	2 274	4 184	2 076	1 595	866	1 011	2 886	692	1 782
1939 or earlier -----	13 994	18 996	6 736	6 484	9 743	1 332	5 061	1 496	754	5 159	772	1 425
Renter-occupied housing units -----	19 197	24 232	6 106	14 092	21 155	2 752	6 213	1 885	1 018	11 268	3 395	3 746
1979 to March 1980 -----	374	510	—	61	423	135	171	6	37	16	335	7
1975 to 1978 -----	328	1 098	49	877	1 556	381	208	8	128	371	1 028	168
1970 to 1974 -----	1 436	1 777	533	1 759	4 200	498	1 034	87	152	2 022	830	482
1960 to 1969 -----	3 941	3 094	692	2 784	4 931	685	643	322	186	2 675	676	1 603
1950 to 1959 -----	3 510	2 133	425	1 726	2 092	579	501	356	260	1 794	292	897
1940 to 1949 -----	3 644	3 274	920	1 635	2 414	248	1 290	372	131	1 724	121	356
1939 or earlier -----	5 964	12 346	3 487	5 250	5 539	226	2 366	734	124	2 726	113	233
BEDROOMS												
Year-round housing units -----	60 910	69 847	15 937	30 199	51 938	33 009	16 327	5 408	7 995	27 740	13 629	18 480
None -----	913	1 058	481	786	983	68	270	71	23	774	102	112
1 -----	8 148	10 564	2 876	5 988	8 942	1 621	3 048	736	527	5 042	1 476	1 692
2 -----	22 864	21 385	4 889	10 555	18 012	4 150	6 294	2 262	2 636	10 073	3 266	4 620
3 -----	22 781	26 695	5 700	9 149	17 850	19 961	4 823	1 677	3 444	9 626	5 917	10 807
4 -----	5 045	8 572	1 614	2 977	5 310	6 378	1 524	533	1 201	1 779	2 508	1 064
5 or more -----	1 159	1 573	377	744	841	831	368	131	164	446	360	185
Owner-occupied housing units -----	38 416	41 303	8 899	14 283	28 361	29 793	9 028	3 219	6 694	14 434	9 757	14 437
None -----	41	17	15	7	20	4	—	—	—	23	6	—
1 -----	1 369	1 145	272	440	1 029	498	300	138	265	441	96	315
2 -----	13 270	9 675	2 481	4 377	8 019	3 121	3 270	1 393	2 013	4 760	1 569	3 017
3 -----	18 617	21 707	4 464	6 747	14 155	19 256	3 854	1 202	3 163	7 443	5 367	9 978
4 -----	4 188	7 408	1 359	2 202	4 419	6 094	1 305	370	1 094	1 393	2 380	963
5 or more -----	931	1 351	308	510	719	820	288	116	159	374	339	164
Renter-occupied housing units -----	19 197	24 232	6 106	14 092	21 155	2 752	6 213	1 885	1 018	11 268	3 395	3 746
None -----	768	834	325	665	846	64	208	71	23	635	88	98
1 -----	5 944	8 116	2 330	5 073	7 155	1 041	2 419	497	237	3 851	1 229	1 320
2 -----	8 165	10 176	2 082	5 532	9 059	959	2 545	775	488	4 522	1 510	1 494
3 -----	3 462	4 097	1 055	1 955	3 193	552	840	373	196	1 888	456	720
4 -----	680	831	245	665	783	128	153	157	69	318	100	93
5 or more -----	178	178	69	202	119	8	48	12	5	54	12	21
STORIES IN STRUCTURE												
Year-round housing units -----	60 910	69 847	15 937	30 199	51 938	33 009	16 327	5 408	7 995	27 740	13 629	18 480
1 to 3 -----	60 223	67 895	15 321	29 451	50 601	32 668	15 953	5 321	7 995	26 781	13 615	18 476
4 to 6 -----	460	1 057	536	585	668	121	24	—	—	806	14	4
7 to 12 -----	214	836	80	163	570	220	325	87	—	146	—	—
13 or more -----	13	59	—	—	99	—	25	—	—	7	—	—
PASSENGER ELEVATOR												
Year-round housing units -----	60 910	69 847	15 937	30 199	51 938	33 009	16 327	5 408	7 995	27 740	13 629	18 480
Structures with 4 or more stories -----	687	1 952	616	748	1 337	341	374	87	—	959	14	4
With elevator -----	564	1 720	527	450	1 166	341	360	87	—	620	—	—
UNITS IN STRUCTURE												
Year-round housing units -----	60 910	69 847	15 937	30 199	51 938	33 009	16 327	5 408	7 995	27 740	13 629	18 480
1, detached -----	44 049	43 656	10 144	15 981	33 067	30 296	10 597	3 997	6 869	16 507	10 068	14 935
1, attached -----	1 660	1 430	348	986	2 328	370	381	72	31	2 456	359	607
2 -----	4 670	11 276	1 963	3 157	3 702	90	1 911	427	93	1 683	229	354
3 and 4 -----	2 829	5 247	1 477	2 592	2 647	167	1 015	296	40	1 776	386	326
5 to 9 -----	1 812	2 846	483	1 989	2 389	997	747	333	34	1 451	416	958
10 to 49 -----	2 934	3 164	819	3 892	5 491	667	953	136	377	2 375	1 868	870
50 or more -----	1 376	2 211	676	1 036	1 764	418	723	100	43	1 193	68	267
Mobile home or trailer, etc. -----	1 580	17	27	566	550	4	—	47	508	299	235	163
Owner-occupied housing units -----	38 416	41 303	8 899	14 283	28 361	29 793	9 028	3 219	6 694	14 434	9 757	14 437
1, detached -----	35 243	38 014	8 324	12 657	26 729	28 820	8 411	2 971	6 115	13 243	9 286	13 803
1, attached -----	522	416	71	264	192	249	91	28	31	2 456	359	607
2 -----	1 139	2 120	395	531	596	36	363	123	36	359	46	80
3 and 4 -----	356	323	71	153	249	95	46	14	14	183	32	97
5 or more -----	296	430	38	258	231	589	117	41	41	211	91	179
Mobile home or trailer, etc. -----	860	—	—	420	364	4	—	38	457	203	214	139
Renter-occupied housing units -----	19 197	24 232	6 106	14 092	21 155	2 752	6 213	1 885	1 018	11 268	3 395	3 746
1, detached -----	7 210	4 364	1 532	2 719	5 354	1 213	1 705	572	2 712	2 637	656	966
1, attached -----	1 035	768	242	625	2 059	104	279	38	—	1 839	242	460
2 -----	3 006	7 870	1 463	2 359	2 766	54	1 336	243	57	1 133	178	259
3 and 4 -----	2 162	4 278	1 244	2 172	2 224	66	860	262	16	1 295	349	202
5 to 9 -----	1 484	2 304	392	1 764	2 127	620	565	273	34	1 264	382	845
10 to 49 -----	2 560	2 781	724	3 361	4 848	394	817	105	253	1 944	1 507	728
50 or more -----	1 245	1 850	482	948	1 615	381	651	100	43	1 083	60	262
Mobile home or trailer, etc. -----	495	17	27	144	162	—	—	—	43	73	21	24
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units -----	18 593	23 932	6 014	13 869	20 730	2 680	6 137	1 872	993	10 778	3 278	3 650
1, mobile home or trailer, etc. -----	8 136	4 849	1 709	3 265	7 150	1 165	1 908	889	590	4 059	802	1 354
Median gross rent -----	\$282	\$260	\$269	\$291	\$284	\$377	\$229	\$226	\$236	\$275	\$285	\$279
2 or more -----	10 457	19 083	4 305	10 604	13 580	1 515	4 229	983	403	6 719	2 476	2 296
Median gross rent -----	\$212	\$199	\$197	\$217	\$228	\$306	\$181	\$175	\$317	\$229	\$250	\$271

Table 73. Structural Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

Places—Con.

YEAR STRUCTURE BUILT

	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Year-round housing units -----	28 785	28 732	27 147	31 289	34 506	25 355	23 750	54 500	23 641	29 953	22 687
1979 to March 1980	72	74	174	1 457	1 516	140	1 058	866	1 127	587	772
1975 to 1978	250	354	482	3 123	7 356	926	4 742	1 682	2 662	1 188	2 294
1970 to 1974	1 246	1 284	1 903	6 596	9 429	4 926	6 476	4 359	2 620	4 538	2 990
1960 to 1969	5 180	3 630	5 203	12 847	12 947	7 211	7 006	25 822	4 823	10 590	4 182
1950 to 1959	10 282	4 692	14 735	4 481	2 961	8 328	2 631	13 363	6 742	8 690	5 585
1940 to 1949	6 263	4 818	2 668	1 837	639	2 453	1 032	5 112	2 998	3 085	2 868
1939 or earlier	5 492	13 880	1 982	948	458	1 371	805	3 296	2 669	1 275	3 996
Owner-occupied housing units -----	20 162	17 531	22 826	17 412	27 679	17 364	16 686	43 755	16 933	19 173	15 615
1979 to March 1980	10	10	63	203	1 225	140	602	531	361	220	295
1975 to 1978	154	86	319	628	6 417	559	4 003	1 271	1 037	388	805
1970 to 1974	657	382	1 101	2 104	7 179	1 886	4 855	2 529	1 072	2 153	1 165
1960 to 1969	2 021	1 990	3 747	8 131	10 132	4 448	3 656	21 741	3 769	6 077	2 599
1950 to 1959	7 762	2 966	13 613	3 950	1 860	7 136	2 090	11 315	5 970	7 527	5 038
1940 to 1949	5 328	2 846	2 310	1 653	521	2 075	849	3 888	2 545	1 880	2 377
1939 or earlier	4 230	9 251	1 673	743	345	1 120	631	2 480	2 179	928	3 336
Renter-occupied housing units -----	8 015	9 838	3 973	12 258	6 232	7 170	6 259	9 745	5 548	9 875	6 379
1979 to March 1980	27	48	27	840	95	—	239	99	495	269	323
1975 to 1978	92	244	154	2 299	843	322	578	392	1 460	690	1 426
1970 to 1974	558	861	759	3 975	2 179	2 719	1 477	1 757	1 322	2 202	1 719
1960 to 1969	2 950	1 489	1 379	4 349	2 653	2 497	3 199	3 849	855	4 207	1 429
1950 to 1959	2 406	1 526	1 035	472	264	1 062	454	1 828	662	1 054	464
1940 to 1949	842	1 749	336	167	106	329	171	1 090	404	1 130	445
1939 or earlier	1 140	3 921	283	156	92	241	141	730	350	323	573

BEDROOMS

	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Year-round housing units -----	28 785	28 732	27 147	31 289	34 506	25 355	23 750	54 500	23 641	29 953	22 687
None	277	443	91	124	40	85	89	211	113	99	124
1	4 607	4 370	2 290	5 641	3 263	1 751	2 591	5 245	3 349	4 514	3 159
2	8 408	9 430	6 519	9 952	5 968	8 327	4 971	13 143	7 061	8 477	7 831
3	12 387	10 592	15 707	10 020	19 109	12 951	9 081	29 921	10 432	14 349	8 914
4	2 741	3 134	2 255	4 996	5 719	2 010	6 395	5 247	2 324	2 248	2 339
5 or more	365	763	285	556	407	231	623	733	362	266	320
Owner-occupied housing units -----	20 162	17 531	22 826	17 412	27 679	17 364	16 686	43 755	16 933	19 173	15 615
None	8	20	—	—	11	9	—	23	36	12	23
1	556	511	505	279	387	325	162	1 193	463	428	457
2	5 082	5 381	4 928	3 145	3 154	3 871	1 850	8 354	4 164	3 057	4 592
3	11 536	8 305	14 946	8 580	18 205	11 044	7 999	28 481	9 751	13 296	8 116
4	2 648	2 682	2 179	4 882	5 520	1 894	6 074	5 001	2 176	2 120	2 142
5 or more	332	632	268	526	402	221	601	703	343	260	285
Renter-occupied housing units -----	8 015	9 838	3 973	12 258	6 232	7 170	6 259	9 745	5 548	9 875	6 379
None	252	375	91	106	29	61	89	188	71	68	92
1	3 804	3 436	1 775	4 777	2 744	1 309	2 307	3 851	2 539	3 749	2 536
2	3 127	3 541	1 388	6 060	2 702	3 989	2 895	4 217	2 311	4 985	2 947
3	726	1 982	661	1 242	686	1 716	825	1 238	492	939	632
4	84	407	45	54	66	85	127	224	121	128	137
5 or more	22	97	13	19	5	10	16	27	14	6	35

STORIES IN STRUCTURE

	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Year-round housing units -----	28 785	28 732	27 147	31 289	34 506	25 355	23 750	54 500	23 641	29 953	22 687
1 to 3	28 052	28 059	27 006	27 075	34 487	25 226	23 277	54 243	23 430	28 790	22 473
4 to 6	478	295	49	565	19	—	152	113	200	50	210
7 to 12	244	368	—	2 917	—	129	321	144	11	1 107	4
13 or more	11	10	92	732	—	—	—	—	—	6	—

PASSENGER ELEVATOR

	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Year-round housing units -----	28 785	28 732	27 147	31 289	34 506	25 355	23 750	54 500	23 641	29 953	22 687
Structures with 4 or more stories	733	673	141	4 214	19	129	473	257	211	1 163	214
With elevator	678	589	134	4 207	—	129	468	235	211	1 120	147

UNITS IN STRUCTURE

	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Year-round housing units -----	28 785	28 732	27 147	31 289	34 506	25 355	23 750	54 500	23 641	29 953	22 687
1, detached	19 694	20 571	22 460	16 422	25 380	18 278	16 294	42 902	17 891	18 891	15 886
1, attached	965	699	994	1 669	1 151	1 853	1 451	1 606	280	1 753	242
2	918	3 290	252	90	61	188	79	763	316	813	1 054
3 and 4	1 134	1 737	430	765	602	678	1 307	1 413	285	1 028	607
5 to 9	1 897	1 012	1 101	3 681	4 119	1 551	2 531	3 396	1 000	2 251	789
10 to 49	3 146	656	1 441	2 702	889	2 124	1 116	1 779	2 904	3 339	2 729
50 or more	1 031	767	401	5 444	776	346	719	979	818	1 602	702
Mobile home or trailer, etc.	—	—	68	516	1 528	337	253	1 662	147	276	678
Owner-occupied housing units -----	20 162	17 531	22 826	17 412	27 679	17 364	16 686	43 755	16 933	19 173	15 615
1, detached	18 359	16 593	21 254	15 433	24 478	16 431	15 189	39 840	16 247	17 711	14 395
1, attached	538	168	637	717	687	305	647	1 094	91	593	82
2	260	585	80	26	24	43	35	285	79	73	245
3 and 4	184	112	137	155	178	193	99	468	79	228	96
5 or more	821	73	704	727	919	110	287	984	354	354	211
Mobile home or trailer, etc.	—	—	14	354	1 393	282	229	1 084	64	214	586
Renter-occupied housing units -----	8 015	9 838	3 973	12 258	6 232	7 170	6 259	9 745	5 548	9 875	6 379
1, detached	1 124	3 439	998	758	541	1 622	669	2 523	1 242	996	1 176
1, attached	419	506	284	865	440	1 421	512	426	183	1 059	154
2	618	2 425	172	53	36	139	44	470	218	719	787
3 and 4	897	1 364	291	573	404	444	1 161	874	183	753	461
5 to 9	1 511	808	704	3 139	2 288	1 325	2 213	2 633	733	1 970	627
10 to 49	2 509	584	1 096	1 972	3 740	1 836	985	1 426	2 240	2 863	2 476
50 or more	937	712	374	4 757	657	340	651	909	687	1 473	609
Mobile home or trailer, etc.	—	—	54	141	126	43	24	484	62	42	89

UNITS IN STRUCTURE BY GROSS RENT

	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Specified renter-occupied housing units -----	7 955	9 570	3 926	11 944	6 154	6 780	6 142	9 592	5 426		

Table 73a. **Structural Characteristics for Towns/Townships: 1980**

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

**Towns/Townships of
50,000 or More**

	Clinton township, Macomb County	Redford township	Waterford township
YEAR STRUCTURE BUILT			
Year-round housing units -----	24 739	20 309	23 706
1979 to March 1980 -----	1 920	55	1 127
1975 to 1978 -----	4 164	162	2 664
1970 to 1974 -----	5 426	479	2 620
1960 to 1969 -----	7 529	2 225	4 840
1950 to 1959 -----	4 072	12 774	6 762
1940 to 1949 -----	915	3 458	3 010
1939 or earlier -----	713	1 156	2 683
Owner-occupied housing units -----	17 409	18 564	16 986
1979 to March 1980 -----	1 299	48	361
1975 to 1978 -----	2 879	119	1 039
1970 to 1974 -----	3 147	350	1 072
1960 to 1969 -----	5 192	1 708	3 786
1950 to 1959 -----	3 606	12 202	5 985
1940 to 1949 -----	776	3 111	2 553
1939 or earlier -----	510	1 026	2 190
Renter-occupied housing units -----	6 499	1 461	5 556
1979 to March 1980 -----	332	-	495
1975 to 1978 -----	1 147	33	1 460
1970 to 1974 -----	2 079	115	1 322
1960 to 1969 -----	2 214	426	855
1950 to 1959 -----	421	467	665
1940 to 1949 -----	115	302	406
1939 or earlier -----	191	118	353
BEDROOMS			
Year-round housing units -----	24 739	20 309	23 706
None -----	186	70	113
1 -----	2 495	781	3 351
2 -----	6 499	4 415	7 071
3 -----	12 239	13 346	10 446
4 -----	3 000	1 444	2 353
5 or more -----	320	253	372
Owner-occupied housing units -----	17 409	18 564	16 986
None -----	6	-	36
1 -----	227	338	463
2 -----	3 097	3 759	4 169
3 -----	10 967	12 820	9 763
4 -----	2 814	1 394	2 202
5 or more -----	298	253	353
Renter-occupied housing units -----	6 499	1 461	5 556
None -----	160	53	71
1 -----	2 074	428	2 541
2 -----	3 093	541	2 314
3 -----	998	405	492
4 -----	152	34	124
5 or more -----	22	-	14
STORIES IN STRUCTURE			
Year-round housing units -----	24 739	20 309	23 706
1 to 3 -----	24 739	20 309	23 492
4 to 6 -----	-	-	203
7 to 12 -----	-	-	11
13 or more -----	-	-	-
PASSENGER ELEVATOR			
Year-round housing units -----	24 739	20 309	23 706
Structures with 4 or more stories -----	-	-	214
With elevator -----	-	-	211
UNITS IN STRUCTURE			
Year-round housing units -----	24 739	20 309	23 706
1, detached -----	15 484	19 009	17 953
1, attached -----	2 677	86	280
2 -----	44	71	316
3 and 4 -----	963	101	285
5 to 9 -----	1 951	250	1 003
10 to 49 -----	2 607	431	2 904
50 or more -----	251	159	818
Mobile home or trailer, etc. -----	762	202	147
Owner-occupied housing units -----	17 409	18 564	16 986
1, detached -----	14 423	18 052	16 297
1, attached -----	1 310	57	91
2 -----	21	18	98
3 and 4 -----	392	13	79
5 or more -----	573	255	357
Mobile home or trailer, etc. -----	690	169	64
Renter-occupied housing units -----	6 499	1 461	5 556
1, detached -----	751	789	1 250
1, attached -----	1 226	29	183
2 -----	23	53	218
3 and 4 -----	518	88	183
5 to 9 -----	1 420	202	733
10 to 49 -----	2 288	219	2 240
50 or more -----	212	59	687
Mobile home or trailer, etc. -----	61	22	62
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units -----	6 199	1 439	5 431
1, mobile home or trailer, etc. -----	1 738	818	1 370
Median gross rent -----	\$268	\$302	\$346
2 or more -----	4 461	621	4 061
Median gross rent -----	\$288	\$275	\$312

Table 74. Equipment and Plumbing Facilities for Areas and Places: 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.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's										
	Detroit-Ann Arbor, Mich.	Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo-Portage, Mich.	Lansing-East Lansing, Mich.
Year-round housing units -----	1 685 862	97 397	71 710	43 116	65 635	1 588 465	186 991	216 278	53 629	104 801	166 484
Complete kitchen facilities -----	1 663 772	96 407	70 538	42 483	64 366	1 567 365	184 728	214 037	52 920	103 422	164 539
BATHROOMS											
No bathroom or only a half bath -----	25 924	1 675	1 867	1 052	1 468	24 249	2 804	3 043	1 268	1 987	2 964
1 complete bathroom -----	1 001 768	58 696	49 957	28 174	42 581	943 072	121 880	125 246	36 960	67 512	105 131
1 complete bathroom plus half bath(s) -----	380 743	18 969	10 838	8 483	11 652	361 774	39 238	54 887	8 160	18 902	33 255
2 or more complete bathrooms -----	277 427	18 057	9 048	5 407	9 934	259 370	23 069	33 102	7 241	16 400	25 134
SOURCE OF WATER											
Public system or private company -----	1 519 890	79 475	37 153	35 553	37 362	1 440 415	117 356	158 159	25 169	65 324	118 473
Individual drilled well -----	153 263	16 841	33 023	6 731	26 808	136 422	66 644	54 531	26 730	37 542	45 945
Individual dug well -----	10 981	1 003	1 368	602	1 301	9 978	2 750	3 357	1 526	1 872	1 861
Some other source -----	1 728	78	166	230	164	1 650	241	231	204	63	205
SEWAGE DISPOSAL											
Public sewer -----	1 492 867	79 566	31 378	26 716	41 817	1 413 301	149 623	151 396	31 865	51 626	123 179
Septic tank or cesspool -----	186 147	17 420	39 577	16 038	23 263	168 727	36 556	63 933	21 391	52 505	42 231
Other means -----	6 848	411	755	362	555	6 437	812	949	373	670	1 074
AIR CONDITIONING											
None -----	928 188	50 596	52 488	31 490	37 593	877 592	128 306	152 281	39 310	66 981	107 158
Central system -----	334 290	23 933	6 342	3 590	10 741	310 357	24 702	21 560	4 737	15 448	22 993
1 or more individual room units -----	423 384	22 868	12 880	8 036	17 301	400 516	33 983	42 437	9 582	22 372	36 333
HEATING EQUIPMENT											
Year-round housing units -----	1 685 862	97 397	71 710	43 116	65 635	1 588 465	186 991	216 278	53 629	104 801	166 484
Steam or hot water system -----	271 488	16 448	5 962	6 454	5 775	255 040	17 949	23 455	5 336	11 849	18 932
Central warm-air furnace -----	1 258 771	72 486	53 499	30 427	41 625	1 186 285	146 936	172 657	40 907	76 070	121 920
Electric heat pump -----	10 438	1 020	471	251	1 510	9 418	1 195	854	481	986	2 141
Other built-in electric units -----	36 601	2 291	2 030	837	8 133	33 610	4 097	2 947	1 608	3 907	7 356
Floor, wall, or pipeless furnace -----	32 788	1 949	1 736	1 377	1 397	31 539	5 116	3 397	1 256	2 415	3 941
Room heaters with flue -----	53 864	2 033	4 694	2 332	4 599	51 831	8 151	8 033	2 378	5 525	7 128
Room heaters without flue -----	10 730	418	748	492	927	10 312	1 384	1 577	408	1 229	1 312
Fireplaces, stoves, or portable room heaters -----	9 988	684	2 437	859	1 500	9 304	1 962	3 239	1 196	2 673	3 625
None -----	1 194	68	133	87	169	1 126	201	119	59	147	129
Owner-occupied housing units -----	1 124 927	49 698	50 444	32 771	42 463	1 075 229	134 401	153 226	38 396	67 319	105 659
Steam or hot water system -----	120 174	5 079	3 376	4 443	3 135	115 095	10 319	10 139	3 202	4 748	6 238
Central warm-air furnace -----	931 182	41 128	39 634	24 395	30 037	890 054	111 556	132 587	30 697	52 882	86 776
Electric heat pump -----	3 217	428	149	80	790	2 789	393	247	158	397	387
Other built-in electric units -----	12 782	783	1 048	430	3 934	11 999	1 407	1 018	807	1 961	2 006
Floor, wall, or pipeless furnace -----	17 084	574	1 153	937	850	16 510	3 023	1 919	676	1 320	2 407
Room heaters with flue -----	28 511	1 003	2 668	1 485	2 318	27 508	5 309	3 886	1 635	3 149	4 158
Room heaters without flue -----	4 533	160	412	291	369	4 373	759	631	239	668	636
Fireplaces, stoves, or portable room heaters -----	7 214	543	1 994	699	1 012	6 671	1 585	2 797	976	2 173	3 024
None -----	230	-	10	11	18	230	50	2	6	21	27
Renter-occupied housing units -----	477 040	43 239	16 112	8 577	17 813	433 801	43 599	52 821	12 578	31 207	53 642
Steam or hot water system -----	129 515	10 633	2 234	1 775	2 205	118 882	6 726	11 869	1 788	6 437	11 884
Central warm-air furnace -----	275 510	28 065	10 339	4 869	8 578	247 445	28 562	32 500	8 366	18 857	30 196
Electric heat pump -----	6 472	537	268	154	623	5 935	742	556	275	532	1 521
Other built-in electric units -----	21 799	2 103	880	378	3 415	19 696	2 499	1 804	699	1 670	4 898
Floor, wall, or pipeless furnace -----	13 910	636	464	406	516	13 274	1 856	1 320	487	836	1 449
Room heaters with flue -----	21 769	908	1 417	689	1 730	20 861	2 378	3 519	644	1 991	2 564
Room heaters without flue -----	5 336	218	255	179	431	5 118	507	835	142	458	627
Fireplaces, stoves, or portable room heaters -----	2 260	102	255	119	290	2 158	307	365	158	376	488
None -----	469	37	-	8	25	432	22	53	19	50	15
Occupied housing units -----	1 601 967	92 937	66 556	41 348	60 276	1 509 030	178 000	206 047	50 974	98 526	159 301
No telephone -----	57 776	2 295	2 817	1 513	3 368	55 481	7 422	6 489	2 343	4 251	5 509
VEHICLES AVAILABLE											
Total -----											
None -----	189 265	7 052	5 657	3 288	6 018	182 213	14 624	15 055	3 996	7 765	11 131
1 -----	566 825	35 933	24 708	15 287	21 873	530 892	63 795	72 640	17 925	35 572	58 104
2 -----	577 342	34 213	24 305	15 351	21 459	543 129	65 433	79 907	19 190	36 888	60 888
3 or more -----	268 535	15 739	11 886	7 422	10 926	252 796	34 148	38 445	9 863	18 301	29 178
Automobiles -----											
None -----	208 455	8 423	7 397	4 114	7 233	200 032	18 296	18 024	5 163	9 694	14 514
1 -----	679 400	43 421	34 175	20 745	30 159	635 979	84 959	93 743	24 758	47 649	78 472
2 -----	546 654	32 250	20 052	12 753	18 119	514 404	58 643	72 712	16 643	32 055	52 372
3 or more -----	167 458	8 843	4 932	3 736	4 765	158 615	16 102	21 568	4 410	9 128	13 943
Trucks or vans -----											
None -----	1 314 358	73 400	45 336	29 514	42 262	1 240 958	126 701	156 562	35 135	71 087	113 663
1 -----	263 706	17 604	19 264	10 768	16 248	246 102	46 837	44 589	14 221	24 749	41 370
2 -----	21 557	1 684	1 744	1 005	1 596	19 873	4 108	4 287	1 507	2 337	3 816
3 or more -----	2 346	249	212	61	170	2 097	354	609	111	353	452
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	1 124 927	49 698	50 444	32 771	42 463	1 075 229	134 401	153 226	38 396	67 319	105 659
1979 to March 1980 -----	114 419	6 355	5 206	3 029	4 201	108 064	15 107	18 973	4 298	8 252	13 528
1975 to 1978 -----	286 964	14 272	12 772	8 242	9 919	272 692	34 333	41 054	9 431	18 251	28 643
1970 to 1974 -----	205 112	9 305	8 966	5 385	7 971	195 807	25 978	26 697	6 866	12 242	19 078
1960 to 1969 -----	256 690	10 103	10 974	6 319	9 674	246 587	31 057	32 946	8 381	13 559	22 396
1950 to 1959 -----	168 631	5 973	6 957	4 776	5 743	162 658	16 284	19 782	4 899	8 423	11 752
1949 or earlier -----	93 111	3 690	5 569	5 020	4 955	89 421	11 642	13 774	4 521	6 292	10 262
Renter-occupied housing units -----	477 040	43 239	16 112	8 577	17 813	433 801	43 599	52 821	12 578	31 207	53 642
1979 to March 1980 -----	190 360	23 501	7 863	3 966	8 382	166 859	20 788	27 357	6 008	17 017	28 554
1975 to 1978 -----	175 822	14 740	5 338	2 923	5 798	161 082	15 354	16 908	4 236	9 859	17 964
1970 to 1974 -----	60 457	3 131	1 623	904	1 953	57 326	4 492	4 711	1 322	2 448	4 214
1960 to 1969 -----	33 658	1 332	722	475	1 048	32 326	1 957	2 159	658	1 200	1 892
1959 or earlier -----	16 743	535	566	309	632	16 208	1 008	1 686	354	683	1 018
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	283 975	10 203	13 761	8 539	12 857	273 772	28 155	37 122	9 926	17 537	24 537
Owner-occupied housing units -----	205 175	7 342	11 493	6 977	10 010	197 833	22 798	29 242	7 771	13 532	18 995

Table 74. Equipment and Plumbing Facilities for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegan—Norton Shares— Muskegan Heights, Mich.	Saginaw, Mich.	Toledo, Ohio—Mich.			Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
Year-round housing units -----	66 040	79 436	296 409	45 124	251 285	79 920	30 919	29 280	23 261	1 404 236	123 885
Complete kitchen facilities -----	65 204	78 384	291 535	44 361	247 174	79 090	30 577	28 934	22 602	1 385 338	122 403
BATHROOMS											
No bathroom or only a half bath -----	1 306	1 169	5 979	1 229	4 750	1 269	606	620	526	21 007	1 827
1 complete bathroom -----	47 218	51 017	197 048	28 802	168 246	50 881	22 156	19 628	14 835	838 100	84 385
1 complete bathroom plus half bath(s) -----	9 709	16 733	52 910	8 760	44 150	14 771	4 608	5 571	4 511	323 820	24 319
2 or more complete bathrooms -----	7 607	10 517	40 472	6 333	34 139	12 999	3 549	3 461	3 389	221 309	13 354
SOURCE OF WATER											
Public system or private company -----	38 524	64 839	242 883	27 633	215 250	78 276	24 525	28 988	17 285	1 354 079	97 084
Individual drilled well -----	25 444	13 003	44 795	15 045	29 750	1 477	6 018	259	5 609	45 748	25 776
Individual dug well -----	1 941	1 263	5 602	1 727	3 875	141	347	21	337	3 779	950
Some other source -----	131	331	3 129	719	2 410	26	29	12	30	630	75
SEWAGE DISPOSAL											
Public sewer -----	35 176	60 240	233 335	26 011	207 324	77 400	18 739	23 829	19 689	1 334 305	119 968
Septic tank or cesspool -----	30 332	18 613	60 719	18 629	42 090	2 340	12 107	5 370	3 368	65 205	3 576
Other means -----	532	583	2 355	484	1 871	180	73	81	204	4 726	341
AIR CONDITIONING											
None -----	56 662	54 405	155 968	28 101	127 867	36 571	20 080	20 169	13 074	740 506	80 222
Central system -----	2 825	9 462	53 815	5 788	48 027	23 261	3 766	2 689	4 425	291 546	19 293
1 or more individual room units -----	6 553	15 569	86 626	11 235	75 391	20 088	7 073	6 422	5 762	372 184	24 370
HEATING EQUIPMENT											
Year-round housing units -----	66 040	79 436	296 409	45 124	251 285	79 920	30 919	29 280	23 261	1 404 236	123 885
Steam or hot water system -----	6 128	10 239	34 899	5 341	29 558	13 694	2 956	4 699	2 335	228 129	11 433
Central warm-air furnace -----	46 463	55 767	196 795	31 788	165 007	59 588	24 728	21 224	16 015	1 062 521	98 714
Electric heat pump -----	243	610	9 525	402	9 123	883	219	177	503	7 566	904
Other built-in electric units -----	1 659	2 516	21 244	1 851	19 393	2 939	621	378	1 955	24 287	2 671
Floor, wall, or pipeless furnace -----	3 016	2 561	8 824	1 403	7 421	925	559	951	454	26 347	3 281
Room heaters with flue -----	5 110	5 036	18 413	2 821	15 592	1 400	1 460	1 408	1 501	42 372	5 284
Room heaters without flue -----	940	1 187	2 692	493	2 199	317	217	291	315	8 485	963
Fireplaces, stoves, or portable room heaters -----	2 398	1 455	3 565	915	2 650	132	148	141	131	3 657	546
None -----	83	65	452	110	342	42	11	11	52	872	89
Owner-occupied housing units -----	47 373	56 446	194 939	33 963	160 976	35 342	20 361	21 214	13 985	932 921	83 182
Steam or hot water system -----	3 982	6 517	18 284	3 749	14 535	2 895	1 231	2 839	1 009	94 311	5 179
Central warm-air furnace -----	35 346	42 473	145 845	25 346	120 499	30 870	17 514	16 519	11 132	790 406	70 947
Electric heat pump -----	81	196	5 733	273	5 460	90	25	38	181	1 732	253
Other built-in electric units -----	745	949	7 163	934	6 229	277	113	79	454	6 270	588
Floor, wall, or pipeless furnace -----	1 963	1 577	5 255	942	4 313	362	378	599	242	13 016	1 955
Room heaters with flue -----	3 038	2 964	9 169	1 728	7 441	650	832	887	753	21 618	3 330
Room heaters without flue -----	363	512	1 024	249	775	104	134	164	119	3 411	534
Fireplaces, stoves, or portable room heaters -----	1 839	1 250	2 418	729	1 689	94	127	82	95	1 950	373
None -----	16	8	48	13	35	—	7	7	—	207	23
Renter-occupied housing units -----	14 571	19 670	82 625	9 147	73 478	40 896	9 041	6 965	7 779	401 631	34 348
Steam or hot water system -----	1 808	3 264	13 993	1 412	12 581	10 144	1 541	1 665	1 139	113 735	5 600
Central warm-air furnace -----	8 430	11 308	40 675	5 165	35 510	26 089	6 004	3 912	3 917	229 972	22 849
Electric heat pump -----	146	370	2 974	108	2 866	635	184	129	291	5 334	606
Other built-in electric units -----	822	1 352	11 851	812	11 039	2 554	492	291	1 331	16 571	1 933
Floor, wall, or pipeless furnace -----	933	883	3 087	402	2 685	546	181	331	212	11 834	1 196
Room heaters with flue -----	1 637	1 720	7 692	896	6 796	671	546	455	684	17 917	1 651
Room heaters without flue -----	499	572	1 402	203	1 199	188	72	127	178	4 370	338
Fireplaces, stoves, or portable room heaters -----	290	180	910	149	761	32	21	51	23	1 483	153
None -----	6	21	41	—	41	37	—	4	4	415	22
Occupied housing units -----	61 944	76 116	277 564	43 110	234 454	76 238	29 402	28 179	21 764	1 334 552	117 530
No telephone -----	3 411	2 730	14 696	1 710	12 986	2 124	1 195	997	1 527	49 246	5 398
VEHICLES AVAILABLE											
Total:											
None -----	5 225	6 898	25 996	2 319	23 677	6 671	3 537	2 741	3 017	174 956	12 243
1 -----	22 748	26 832	101 363	13 174	88 189	32 978	12 639	11 544	8 628	479 836	47 274
2 -----	22 880	28 543	103 430	17 386	86 044	26 716	9 396	9 810	7 146	470 198	39 692
3 or more -----	11 091	13 843	46 775	10 231	36 544	9 873	3 830	4 084	2 973	209 562	18 321
Automobiles:											
None -----	6 490	8 165	29 906	3 212	26 694	7 574	4 087	3 235	3 222	188 502	14 394
1 -----	30 695	35 182	128 585	19 707	108 878	37 153	15 149	14 253	10 523	557 324	57 906
2 -----	19 828	26 041	93 418	15 401	78 017	25 722	8 413	8 420	6 444	450 315	36 231
3 or more -----	4 931	6 728	25 655	4 790	20 865	5 789	1 753	2 271	1 575	138 411	8 999
Trucks or vans:											
None -----	44 067	56 339	215 701	27 852	187 849	65 018	23 337	22 173	17 764	1 132 154	91 246
1 -----	16 167	18 127	56 323	13 640	42 683	10 443	5 645	5 563	3 778	187 447	24 257
2 -----	1 513	1 441	5 037	1 447	3 590	720	370	427	209	13 626	1 885
3 or more -----	197	209	503	171	332	57	50	16	13	1 325	142
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	47 373	56 446	194 939	33 963	160 976	35 342	20 361	21 214	13 985	932 921	83 182
1979 to March 1980 -----	4 810	5 276	19 443	3 531	15 912	4 580	1 980	1 771	1 451	88 517	9 100
1975 to 1978 -----	10 703	13 709	45 633	8 830	36 803	10 420	4 841	5 131	3 220	227 074	19 911
1970 to 1969 -----	8 567	10 892	33 196	6 231	26 965	6 922	3 400	3 192	2 798	165 866	15 425
1960 to 1959 -----	10 594	13 237	42 872	7 055	35 817	6 970	4 650	4 171	3 241	222 277	20 234
1950 to 1949 -----	7 041	7 202	29 436	4 397	25 039	4 287	3 331	3 426	1 958	150 171	10 926
1949 or earlier -----	5 658	6 130	24 359	3 919	20 440	2 163	2 159	3 523	1 317	79 016	7 586
Renter-occupied housing units -----	14 571	19 670	82 625	9 147	73 478	40 896	9 041	6 965	7 779	401 631	34 348
1979 to March 1980 -----	6 489	9 333	37 620	3 578	34 042	22 721	4 432	3 225	3 528	151 829	16 367
1975 to 1978 -----	5 054	6 644	28 195	3 652	24 543	14 078	3 011	2 341	2 666	149 804	12 102
1970 to 1969 -----	1 753	2 150	8 723	990	7 733	2 795	971	808	956	54 218	3 697
1960 to 1959 -----	772	903	5 221	538	4 683	972	399	399	429	30 716	1 504
1949 or earlier -----	503	640	2 866	389	2 477	330	228	192	200	15 064	678
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	13 299	13 641	56 192	7 014	49 178	7 390	6 290	6 459	4 599	247 178	19 551
Owner-occupied housing units -----	10 815	10 860	42 859	5 637	37 222	4 909	5 019	5 090	3 300	175 631	15 474
Lacking complete plumbing for exclusive use -----	190	187	1 029	269	760	54	109	129	43	2 482	201
No complete kitchen facilities -----	131	168	858	159	699	29	43	45	60</		

Table 74. **Equipment and Plumbing Facilities for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon— Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
Year-round housing units	139 519	29 598	59 059	94 055	39 799	22 692	53 227	87 044	77 745	9 299
Complete kitchen facilities.....	137 971	29 158	58 386	93 100	39 381	22 393	52 608	86 036	76 852	9 184
BATHROOMS										
No bathroom or only a half bath	1 931	787	960	1 385	505	489	618	1 267	1 051	216
1 complete bathroom	81 985	21 848	38 189	59 486	28 911	15 465	35 355	59 468	52 833	6 635
1 complete bathroom plus half bath(s).....	37 092	4 311	11 536	19 465	6 033	4 107	10 660	14 950	13 481	1 469
2 or more complete bathrooms	18 511	2 652	8 374	13 719	4 350	2 631	6 594	11 359	10 380	979
SOURCE OF WATER										
Public system or private company	127 974	21 640	51 323	88 779	32 757	21 649	52 734	70 449	63 898	6 551
Individual drilled well	11 025	7 446	7 244	5 045	6 488	817	456	15 639	12 986	2 653
Individual dug well	484	509	490	211	539	195	30	929	834	95
Some other source	36	3	2	20	15	31	7	27	27	—
SEWAGE DISPOSAL										
Public sewer	124 611	26 763	39 702	91 595	30 021	20 606	51 848	71 284	63 274	8 010
Septic tank or cesspool	14 603	2 710	19 190	2 250	9 680	2 049	1 231	15 594	14 344	1 250
Other means	305	125	167	210	98	37	148	166	127	39
AIR CONDITIONING										
None	90 287	20 571	33 714	51 371	32 582	17 123	34 466	38 397	33 752	4 645
Central system	16 172	2 785	11 250	17 703	2 402	1 311	7 763	24 364	22 592	1 772
1 or more individual room units	33 060	6 242	14 095	24 981	4 815	4 258	10 998	24 283	21 401	2 882
HEATING EQUIPMENT										
Year-round housing units	139 519	29 598	59 059	94 055	39 799	22 692	53 227	87 044	77 745	9 299
Steam or hot water system	16 957	2 920	7 628	13 184	3 845	4 030	6 944	5 284	4 640	644
Central warm-air furnace	111 929	23 547	45 883	68 930	29 689	15 268	37 570	68 797	61 813	6 984
Electric heat pump	549	309	386	1 601	182	236	416	1 440	1 333	107
Other built-in electric units	1 526	626	1 120	4 445	888	900	1 720	4 779	4 157	622
Floor, wall, or pipeless furnace	2 252	654	1 236	1 992	1 909	831	2 010	1 730	1 478	252
Room heaters with flue	4 731	1 155	2 010	2 946	2 565	1 061	3 458	3 811	3 248	563
Room heaters without flue	984	214	458	646	485	245	812	785	720	65
Fireplaces, stoves, or portable room heaters	532	142	310	282	231	119	273	379	317	62
None	59	31	28	29	5	2	24	39	39	—
Owner-occupied housing units	91 951	19 234	33 481	49 726	26 907	15 121	34 565	58 989	52 516	6 473
Steam or hot water system	5 268	1 173	1 953	2 235	2 040	2 229	3 667	2 846	2 500	346
Central warm-air furnace	82 576	16 558	29 135	43 851	21 708	11 128	26 783	49 957	44 711	5 246
Electric heat pump	111	76	64	288	98	109	93	288	250	38
Other built-in electric units	294	126	165	420	220	385	504	1 753	1 480	273
Floor, wall, or pipeless furnace	1 149	326	628	1 155	1 159	445	1 171	1 155	961	194
Room heaters with flue	1 840	755	1 057	1 514	1 467	581	1 883	2 233	1 940	293
Room heaters without flue	335	118	238	240	95	137	289	433	394	39
Fireplaces, stoves, or portable room heaters	378	96	232	208	170	107	175	319	275	44
None	—	6	9	5	—	—	—	5	5	—
Renter-occupied housing units	40 735	8 975	22 476	40 317	10 918	6 547	16 216	23 279	20 872	2 407
Steam or hot water system	10 425	1 484	5 204	10 330	1 545	1 636	2 884	2 030	1 794	2 478
Central warm-air furnace	24 500	6 031	14 480	22 353	6 528	3 430	9 342	15 222	13 779	1 443
Electric heat pump	394	207	296	1 314	130	117	308	1 012	951	61
Other built-in electric units	1 163	462	916	3 765	639	453	1 062	2 704	2 399	305
Floor, wall, or pipeless furnace	995	276	416	819	657	363	765	525	470	55
Room heaters with flue	2 492	362	874	1 277	993	428	1 308	1 395	1 168	227
Room heaters without flue	589	92	199	382	365	108	442	296	270	26
Fireplaces, stoves, or portable room heaters	145	46	78	62	61	12	84	36	24	12
None	32	15	13	15	—	—	21	17	17	—
Occupied housing units	132 686	28 209	55 957	90 043	37 825	21 668	50 781	82 268	73 388	8 880
No telephone	4 468	1 496	2 142	2 935	2 185	893	1 981	3 878	3 511	367
VEHICLES AVAILABLE										
Total:										
None	12 145	3 201	5 321	8 056	4 190	2 275	6 152	9 550	8 598	952
1	51 613	11 463	22 409	38 201	15 383	8 611	19 831	34 056	30 591	3 465
2	48 713	9 581	19 813	31 685	13 128	7 740	17 759	28 013	24 948	3 065
3 or more	20 215	3 964	8 414	12 101	5 124	3 042	7 039	10 649	9 251	1 398
Automobiles:										
None	13 825	3 768	6 131	9 462	4 779	2 570	6 815	11 001	9 837	1 164
1	61 189	14 111	26 702	44 329	18 704	10 796	23 531	40 507	36 023	4 484
2	45 210	8 382	18 114	29 435	11 731	6 826	16 642	25 236	22 515	2 721
3 or more	12 462	1 948	5 010	6 817	2 611	1 476	3 793	5 524	5 013	511
Trucks or vans:										
None	109 496	21 958	45 540	74 539	30 341	16 985	41 637	66 738	60 338	6 400
1	21 057	5 756	9 633	14 525	6 926	4 391	8 575	14 224	11 942	2 282
2	1 830	474	696	912	517	271	475	1 192	1 006	186
3 or more	303	21	88	67	41	21	94	114	102	12
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	91 951	19 234	33 481	49 726	26 907	15 121	34 565	58 989	52 516	6 473
1979 to March 1980	10 850	1 905	4 151	6 629	2 426	1 563	3 022	5 595	4 940	655
1975 to 1978	23 442	4 016	8 848	13 529	5 534	3 716	7 989	13 727	12 383	1 344
1970 to 1974	14 932	2 975	5 374	8 042	4 474	2 670	6 539	9 269	8 130	1 139
1960 to 1969	21 301	4 487	7 077	11 400	6 488	3 130	8 596	12 196	10 726	1 470
1950 to 1959	13 173	2 930	4 799	5 990	4 516	2 112	4 763	8 851	7 833	1 018
1949 or earlier	8 253	2 921	3 232	4 136	3 469	1 930	3 656	9 351	8 504	847
Renter-occupied housing units	40 735	8 975	22 476	40 317	10 918	6 547	16 216	23 279	20 872	2 407
1979 to March 1980	21 058	4 432	12 844	22 076	4 847	3 139	7 853	10 938	9 815	1 123
1975 to 1978	13 278	2 901	6 937	13 512	3 869	2 149	5 408	7 632	6 893	739
1970 to 1974	3 655	918	1 634	3 031	1 366	1 822	1 822	2 726	2 430	296
1960 to 1969	1 628	474	724	1 308	557	416	730	1 269	1 114	155
1959 or earlier	1 116	250	337	390	279	168	403	714	620	94
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	24 796	6 115	9 024	12 490	8 874	4 805	9 724	19 279	17 319	1 960
Owner-occupied housing units	18 556	4 588	6 512	8 947	6 847	3 602	7 466	14 855	13 330	1 525
Lacking complete plumbing for exclusive use	273	77	80	170	52	71	61	208	176	32
No complete kitchen facilities	242	46	44	74	53	102	94	126	99	27
No vehicle available	6 054	1 636	2 081	3 119	1 942	1 155	2 477	5 478	4 920	558
No telephone	509	82	136	214	235	114	184	559	530	29
Lacking central heating system	1 184	346	453	674	756	331	1 013	1 175	1 042	133
Lacking air conditioning	16 298	4 048	5 103	7 131	7 112	3 489	6 097	8 625	7 540	1 085

Table 74. **Equipment and Plumbing Facilities for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.			Places								
	Toledo, Ohio—Mich.											
	Total	Michigan (pt.)	Ohio (pt.)	Ann Arbor city	Battle Creek city	Bay City city	Benton Harbor city	Dearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city
Year-round housing units	190 364	4 517	185 847	40 133	15 101	16 314	5 182	35 692	23 483	471 228	13 108	21 551
Complete kitchen facilities	187 625	4 494	183 131	39 636	14 893	16 093	4 786	35 154	23 322	459 738	12 959	21 413
BATHROOMS												
No bathroom or only a half bath	2 963	41	2 922	707	381	481	308	522	38	13 155	180	104
1 complete bathroom	129 254	2 361	126 893	24 259	11 253	11 541	3 939	19 722	13 070	343 034	7 778	7 287
1 complete bathroom plus half bath(s)	34 372	1 210	33 162	7 437	2 114	2 640	619	9 376	6 992	79 396	2 440	4 439
2 or more complete bathrooms	23 775	905	22 870	7 730	1 353	1 652	316	6 072	3 383	35 643	2 710	9 721
SOURCE OF WATER												
Public system or private company	183 707	2 422	181 285	40 012	14 946	16 314	5 133	35 692	23 465	470 963	13 081	18 799
Individual drilled well	5 753	1 980	3 773	109	149	—	—	—	18	118	27	2 512
Individual dug well	705	104	601	7	6	—	—	—	—	20	—	201
Some other source	199	11	188	5	—	—	—	9	—	127	—	39
SEWAGE DISPOSAL												
Public sewer	179 874	2 544	177 330	39 922	14 563	16 230	5 060	35 600	23 408	466 826	13 073	18 364
Septic tank or cesspool	9 842	1 957	7 885	162	514	67	40	29	62	1 153	25	3 166
Other means	648	16	632	49	24	17	82	63	13	3 249	10	21
AIR CONDITIONING												
None	91 555	2 488	89 067	19 530	10 882	11 924	4 262	14 880	9 638	315 043	6 307	7 898
Central system	38 784	662	38 122	10 110	1 309	711	212	8 206	6 192	34 452	2 883	9 564
1 or more individual room units	60 025	1 367	58 658	10 493	2 910	3 679	708	12 606	7 653	121 733	3 918	4 089
HEATING EQUIPMENT												
Year-round housing units	190 364	4 517	185 847	40 133	15 101	16 314	5 182	35 692	23 483	471 228	13 108	21 551
Steam or hot water system	21 527	441	21 086	8 607	1 465	2 771	571	4 855	2 059	127 099	4 550	3 001
Central warm-air furnace	130 945	3 623	127 322	29 289	12 049	11 520	3 299	29 739	20 472	290 775	7 115	17 504
Electric heat pump	6 780	13	6 767	235	146	55	115	95	41	3 265	194	71
Other built-in electric units	12 863	104	12 759	1 203	310	75	178	258	135	7 983	1 013	285
Floor, wall, or pipeless furnace	4 865	81	4 784	246	239	600	182	271	304	12 865	56	238
Room heaters with flue	10 879	197	10 682	395	724	1 021	649	387	21 856	133	365	
Room heaters without flue	1 459	14	1 445	92	94	191	147	37	63	5 191	40	58
Fireplaces, stoves, or portable room heaters	919	44	875	62	63	70	19	53	22	1 665	—	25
None	127	—	127	4	11	11	22	4	—	529	7	4
Owner-occupied housing units	118 979	3 848	115 131	16 201	8 314	11 321	2 254	26 725	20 154	250 864	4 435	14 470
Steam or hot water system	8 796	421	8 375	1 562	493	1 524	114	2 167	1 287	41 672	297	1 770
Central warm-air furnace	95 880	3 152	92 728	14 259	7 166	8 720	1 639	23 961	18 162	189 694	4 046	12 198
Electric heat pump	3 852	—	3 852	40	19	10	42	32	35	619	—	11
Other built-in electric units	2 096	33	2 063	94	19	62	62	63	93	1 591	33	109
Floor, wall, or pipeless furnace	2 744	73	2 671	63	131	316	67	181	220	5 253	14	133
Room heaters with flue	4 656	111	4 545	123	370	604	278	26	293	9 729	45	202
Room heaters without flue	481	14	467	8	61	92	40	26	42	1 729	—	32
Fireplaces, stoves, or portable room heaters	445	44	401	52	48	26	12	39	22	482	—	15
None	29	—	29	—	7	7	—	—	—	95	—	—
Renter-occupied housing units	58 888	534	58 354	22 733	5 810	4 224	2 343	8 165	3 043	182 624	8 279	5 708
Steam or hot water system	10 769	15	10 754	6 791	860	1 103	371	2 495	739	69 832	4 127	1 027
Central warm-air furnace	28 463	361	28 102	14 138	4 077	2 247	1 253	5 192	2 064	83 676	2 854	4 186
Electric heat pump	2 315	6	2 309	195	127	45	71	63	6	2 381	194	55
Other built-in electric units	9 092	71	9 021	1 086	291	53	110	191	42	5 746	938	176
Floor, wall, or pipeless furnace	1 811	8	1 803	183	108	267	115	83	84	6 503	42	105
Room heaters with flue	5 195	73	5 122	249	310	370	323	116	94	10 251	82	128
Room heaters without flue	817	—	817	77	22	99	89	11	14	2 918	35	21
Fireplaces, stoves, or portable room heaters	392	—	392	10	15	36	7	14	—	1 009	—	10
None	34	—	34	4	—	4	—	—	—	308	7	—
Occupied housing units	177 867	4 382	173 485	38 934	14 124	15 545	4 597	34 890	23 197	433 488	12 714	20 178
No telephone	9 567	65	9 502	618	924	759	863	623	255	32 863	80	198
VEHICLES AVAILABLE												
Total:												
None	20 893	110	20 783	4 126	2 755	2 130	1 568	3 572	1 099	119 106	999	497
1	70 284	1 106	69 178	17 823	6 545	6 934	1 940	13 176	7 359	182 144	6 168	5 685
2	62 928	2 187	60 741	12 648	3 585	4 627	834	12 363	9 440	99 843	4 019	9 497
3 or more	23 762	979	22 783	4 337	1 239	1 854	255	5 779	5 299	32 395	1 528	4 499
Automobiles:												
None	22 901	198	22 703	4 507	3 033	2 446	1 606	3 863	1 298	122 779	1 067	647
1	81 759	1 851	79 908	19 176	7 485	8 115	2 150	14 524	8 963	195 756	6 457	7 066
2	58 444	1 747	56 697	12 321	3 097	3 869	705	12 326	9 278	94 065	3 983	9 145
3 or more	14 763	586	14 177	2 930	509	1 115	136	4 177	3 658	20 888	1 207	3 320
Trucks or vans:												
None	150 940	2 931	148 009	34 955	11 771	12 807	4 182	30 514	18 797	398 181	11 862	16 757
1	25 090	1 353	23 737	3 682	2 201	2 518	399	4 136	4 106	33 312	804	3 055
2	1 709	84	1 625	289	146	216	16	221	267	1 800	38	343
3 or more	128	14	114	8	6	4	—	19	27	195	10	23
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	118 979	3 848	115 131	16 201	8 314	11 321	2 254	26 725	20 154	250 864	4 435	14 470
1979 to March 1980	11 239	370	10 869	1 922	748	857	205	1 554	1 319	18 573	457	2 137
1975 to 1978	26 100	1 029	25 071	4 703	1 786	2 460	450	4 487	3 976	48 884	1 336	4 353
1970 to 1974	19 857	918	18 939	3 072	1 368	1 490	529	3 585	3 070	44 980	744	2 841
1960 to 1969	27 309	944	26 365	3 472	1 759	1 993	513	5 237	5 850	62 319	981	3 485
1950 to 1959	19 892	398	19 494	1 867	1 436	1 947	249	6 696	4 980	41 518	621	1 255
1949 or earlier	14 582	189	14 393	1 165	1 217	2 574	308	5 166	999	34 550	296	399
Renter-occupied housing units	58 888	534	58 354	22 733	5 810	4 224	2 343	8 165	3 043	182 624	8 279	5 708
1979 to March 1980	26 716	211	26 505	12 683	2 766	1 935	982	2 765	850	62 014	5 220	2 744
1975 to 1978	19 886	188	19 698	7 755	1 957	1 279	872	3 105	1 170	66 767	2 499	1 989
1970 to 1974	6 431	56	6 375	1 487	705	562	287	1 071	1 487	26 608	323	692
1960 to 1969	4 055	59	3 996	588	241	273	158	629	441	17 317	193	261
1959 or earlier	1 800	20	1 780	220	141	175	44	595	95	9 918	44	22
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	38 246	590	37 656	4 002	3 519	4 182	869	10 070	4 231	95 466	1 181	2 528
Owner-occupied housing units	27 815	514	27 301	2 659	2 553	3 357	544	8 207	3 407	66 145	825	1 437
Lacking complete plumbing for exclusive use	388	—	388	20	89	97						

Table 74. Equipment and Plumbing Facilities for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kalamazoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shares city	Pontiac city	Portage city	Roseville city
Year-round housing units	60 910	69 847	15 937	30 199	51 938	33 009	16 327	5 408	7 995	27 740	13 629	18 480
Complete kitchen facilities	59 974	68 763	15 620	29 738	51 308	32 852	16 108	5 270	7 973	27 201	13 511	18 327
BATHROOMS												
No bathroom or only a half bath	1 194	1 460	590	763	923	25	277	131	47	609	79	134
1 complete bathroom	45 501	42 877	12 156	20 418	35 871	10 713	13 260	4 415	4 559	22 278	7 441	12 718
1 complete bathroom plus half bath(s)	9 375	18 238	2 091	5 309	10 134	13 336	1 663	5 297	1 739	3 314	3 164	4 465
2 or more complete bathrooms	4 840	7 272	1 100	3 709	5 010	8 935	1 127	335	1 650	1 539	2 793	1 163
SOURCE OF WATER												
Public system or private company	60 788	69 020	15 832	30 081	51 581	32 745	16 171	5 388	5 710	27 503	9 204	18 395
Individual drilled well	102	779	86	113	326	215	156	13	2 111	202	4 189	79
Individual dug well	8	48	19	5	25	41	—	7	159	35	236	6
Some other source	12	—	—	—	6	8	—	—	15	—	—	—
SEWAGE DISPOSAL												
Public sewer	60 525	68 704	15 757	28 494	51 333	32 630	16 198	5 332	3 733	27 198	5 350	18 405
Septic tank or cesspool	170	968	86	1 624	498	366	104	62	4 248	423	8 240	56
Other means	215	175	94	81	107	13	25	14	14	119	39	19
AIR CONDITIONING												
None	42 898	50 804	11 777	19 288	31 577	14 870	13 446	4 798	6 600	20 200	6 682	9 802
Central system	5 351	6 519	730	4 745	7 103	9 079	738	123	683	2 272	3 492	2 791
1 or more individual room units	12 661	12 524	3 430	6 166	13 258	9 060	2 143	487	712	5 268	3 455	5 887
HEATING EQUIPMENT												
Year-round housing units	60 910	69 847	15 937	30 199	51 938	33 009	16 327	5 408	7 995	27 740	13 629	18 480
Steam or hot water system	5 962	9 243	1 875	4 115	5 711	3 158	1 870	402	742	3 696	1 398	2 151
Central warm-air furnace	48 381	54 208	12 314	23 100	39 837	28 907	11 651	3 834	6 305	20 353	11 056	14 281
Electric heat pump	550	216	191	274	657	86	107	42	21	247	34	72
Other built-in electric units	1 420	600	402	664	1 621	228	422	105	138	654	135	666
Floor, wall, or pipeless furnace	1 473	1 239	386	465	1 441	183	919	212	354	907	409	477
Room heaters with flue	2 575	3 353	557	1 230	2 065	357	1 075	679	325	1 530	376	659
Room heaters without flue	347	689	129	231	450	36	220	104	47	215	121	98
Fireplaces, stoves, or portable room heaters	159	268	62	97	134	53	58	30	63	36	95	68
None	43	31	21	23	22	1	5	—	—	102	5	8
Owner-occupied housing units	38 416	41 303	8 899	14 283	28 361	29 793	9 028	3 219	6 694	14 434	9 757	14 437
Steam or hot water system	2 086	2 809	548	860	1 243	2 376	645	221	649	742	526	1 389
Central warm-air furnace	33 172	36 512	7 714	12 375	24 655	26 812	7 305	2 454	5 404	12 169	8 620	11 930
Electric heat pump	164	27	34	41	34	42	13	14	21	50	12	40
Other built-in electric units	297	105	54	49	230	86	71	19	64	113	69	163
Floor, wall, or pipeless furnace	767	504	162	238	858	121	401	154	267	444	144	333
Room heaters with flue	1 640	1 027	279	559	1 089	289	528	321	232	793	234	455
Room heaters without flue	183	173	62	106	160	19	42	13	5	75	75	74
Fireplaces, stoves, or portable room heaters	98	146	40	51	87	48	23	23	52	29	72	45
None	9	—	6	4	5	—	—	—	—	19	5	8
Renter-occupied housing units	19 197	24 232	6 106	14 092	21 155	2 752	6 213	1 885	1 018	11 268	3 395	3 746
Steam or hot water system	3 557	5 527	1 097	2 932	4 143	739	1 048	67	2 656	852	732	1 389
Central warm-air furnace	12 520	14 887	4 019	9 326	13 475	1 689	3 596	1 154	654	6 731	2 182	2 119
Electric heat pump	379	150	131	216	521	44	90	28	189	22	44	32
Other built-in electric units	1 000	437	330	595	1 273	142	322	86	74	509	66	496
Floor, wall, or pipeless furnace	653	648	177	227	571	62	449	41	80	436	81	130
Room heaters with flue	845	1 994	252	631	848	53	500	309	90	588	123	190
Room heaters without flue	160	456	63	106	276	17	173	85	42	119	46	24
Fireplaces, stoves, or portable room heaters	61	122	22	46	40	5	35	7	11	7	23	23
None	22	11	15	13	8	1	—	—	—	33	—	—
Occupied housing units	57 613	65 535	15 005	28 375	49 516	32 545	15 241	5 104	7 712	25 702	13 152	18 183
No telephone	3 772	3 695	1 253	1 656	2 323	211	1 111	667	205	2 188	162	307
VEHICLES AVAILABLE												
Total:												
None	9 040	9 603	2 592	4 142	5 830	862	2 420	1 096	255	4 578	371	1 118
1	25 689	28 440	6 638	12 625	21 466	7 290	6 982	2 426	2 561	11 518	3 941	5 953
2	16 619	20 062	4 232	8 427	16 172	15 226	4 383	1 230	3 520	6 728	5 978	7 470
3 or more	6 265	7 430	1 543	3 181	6 048	9 167	1 456	352	1 376	2 878	2 862	3 642
Automobiles:												
None	10 043	10 346	2 893	4 542	6 780	1 152	2 687	1 169	363	5 062	535	1 332
1	29 550	31 854	7 613	14 154	25 085	9 849	7 872	2 730	3 342	13 142	5 310	7 496
2	14 947	18 626	3 793	7 691	14 617	14 841	4 033	1 002	3 192	6 005	5 602	7 178
3 or more	3 073	4 709	706	1 988	3 034	6 703	6 639	203	815	1 493	1 705	2 177
Trucks or vans:												
None	48 041	57 202	12 491	24 562	40 381	25 556	12 837	4 507	5 972	21 384	9 815	14 215
1	9 015	7 654	2 340	3 561	8 563	6 320	2 295	557	1 608	4 102	3 055	3 673
2	516	589	174	225	523	595	109	33	122	193	255	263
3 or more	41	90	—	27	49	74	—	7	10	23	27	32
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	38 416	41 303	8 899	14 283	28 361	29 793	9 028	3 219	6 694	14 434	9 757	14 437
1979 to March 1980	3 888	4 494	816	1 746	3 584	2 628	648	238	783	1 454	1 129	1 523
1975 to 1978	8 846	9 271	1 651	3 701	6 845	7 995	1 533	448	1 613	2 895	2 970	3 383
1970 to 1974	6 658	6 209	1 305	2 059	4 421	5 471	1 427	532	1 166	2 498	1 854	2 462
1960 to 1969	8 802	9 311	2 064	2 677	6 707	8 877	2 013	820	1 530	3 619	2 357	2 896
1950 to 1959	5 684	6 838	1 337	2 131	3 686	4 146	1 634	631	1 043	2 292	1 158	3 310
1949 or earlier	4 538	5 180	1 216	1 969	3 118	676	1 773	550	559	1 674	289	863
Renter-occupied housing units	19 197	24 232	6 106	14 092	21 155	2 752	6 213	1 885	1 018	11 268	3 395	3 746
1979 to March 1980	8 729	11 523	3 050	7 878	10 793	1 036	2 820	739	523	5 072	2 077	1 521
1975 to 1978	6 593	7 985	1 748	4 438	7 310	1 110	2 206	699	338	4 058	1 014	1 367
1970 to 1974	2 305	2 630	711	1 014	1 995	343	727	259	101	1 415	233	500
1960 to 1969	1 110	1 260	397	506	785	191	297	142	51	478	48	274
1959 or earlier	460	834	200	256	272	72	163	49	5	245	23	84
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	11 156	14 967	3 603	5 286	8 048	4 423	4 055	1 204	1 487	4 682	1 329	2 698
Owner-occupied housing units	8 832	10 382	2 556	3 645	5 988	3 588	2 928	987	1 359	3 259	1 002	1 985
Lacking complete plumbing for exclusive use	101	167	46	44	146	12	25	22	—	64	16	22
No complete kitchen facilities	123	159	20	29	50	37	26	13	7	51	15	12

Table 74. Equipment and Plumbing Facilities for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Places—Con.										
	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Year-round housing units	28 785	28 732	27 147	31 289	34 506	25 355	23 750	54 500	23 641	29 953	22 687
Complete kitchen facilities	28 559	28 258	27 020	31 205	34 343	25 171	23 624	54 111	23 496	29 717	22 554
BATHROOMS											
No bathroom or only a half bath	323	482	127	179	175	176	111	317	209	291	188
1 complete bathroom	18 200	21 888	14 566	10 992	12 258	17 253	8 019	27 434	14 812	19 709	15 982
1 complete bathroom plus half bath(s)	7 028	4 036	8 364	6 410	15 628	6 337	6 991	20 238	5 606	7 934	4 762
2 or more complete bathrooms	3 234	2 326	4 090	13 708	6 445	1 589	8 629	6 511	3 014	2 019	1 755
SOURCE OF WATER											
Public system or private company	28 778	28 722	27 122	30 504	33 981	25 332	23 194	54 414	17 179	29 726	21 547
Individual drilled well	3	7	18	669	350	12	529	86	6 024	176	1 082
Individual dug well	—	3	—	48	161	11	22	—	408	39	54
Some other source	4	—	7	68	14	—	5	—	30	12	4
SEWAGE DISPOSAL											
Public sewer	28 736	28 538	27 035	29 094	32 685	24 706	22 499	54 300	15 856	29 542	20 802
Septic tank or cesspool	17	81	106	2 160	1 794	607	1 236	156	7 703	352	1 867
Other means	32	113	6	35	27	42	15	44	82	59	18
AIR CONDITIONING											
None	11 252	20 868	11 648	5 824	15 265	12 651	8 164	25 256	14 131	12 788	12 887
Central system	4 657	1 593	6 747	20 989	13 716	5 527	12 098	15 420	4 776	7 387	1 536
1 or more individual room units	12 876	6 271	8 752	4 476	5 525	7 177	3 488	13 824	4 734	9 778	8 264
HEATING EQUIPMENT											
Year-round housing units	28 785	28 732	27 147	31 289	34 506	25 355	23 750	54 500	23 641	29 953	22 687
Steam or hot water system	5 016	4 364	2 679	2 721	1 303	2 775	2 034	4 156	2 140	2 727	2 974
Central warm-air furnace	22 305	18 501	23 049	26 662	32 191	20 602	20 709	46 701	19 282	24 759	17 910
Electric heat pump	128	227	80	406	143	63	91	120	193	187	169
Other built-in electric units	521	993	655	776	367	399	337	608	659	967	468
Floor, wall, or pipeless furnace	263	1 432	223	331	115	654	1 150	341	465	447	447
Room heaters with flue	423	2 375	367	269	273	719	323	1 444	811	674	531
Room heaters without flue	101	636	70	57	67	78	64	227	56	79	120
Fireplaces, stoves, or portable room heaters	22	192	24	67	44	65	30	94	145	77	68
None	6	12	—	—	3	—	6	—	14	18	—
Owner-occupied housing units	20 162	17 531	22 826	17 412	27 679	17 364	16 686	43 755	16 933	19 173	15 615
Steam or hot water system	1 825	1 873	1 643	1 957	567	1 012	1 955	2 004	1 581	1 735	398
Central warm-air furnace	17 705	13 122	20 451	14 978	26 649	15 259	15 249	39 402	14 210	17 340	14 352
Electric heat pump	25	45	39	46	39	13	29	66	76	28	28
Other built-in electric units	173	246	188	88	81	95	106	325	300	313	92
Floor, wall, or pipeless furnace	143	746	172	136	81	392	89	798	224	233	287
Room heaters with flue	202	1 196	260	128	200	468	212	962	389	404	321
Room heaters without flue	61	200	49	32	34	65	22	141	18	43	73
Fireplaces, stoves, or portable room heaters	22	103	24	47	28	60	18	57	128	59	64
None	6	12	—	—	—	—	6	—	7	18	—
Renter-occupied housing units	8 015	9 838	3 973	12 258	6 232	7 170	6 259	9 745	5 548	9 875	6 379
Steam or hot water system	3 099	2 129	1 006	655	715	1 650	1 012	2 063	503	1 821	2 386
Central warm-air furnace	4 110	4 720	2 898	10 315	4 998	4 699	4 775	6 501	4 108	6 727	3 077
Electric heat pump	103	174	41	284	104	37	62	54	112	159	141
Other built-in electric units	325	691	462	638	265	285	195	265	287	641	376
Floor, wall, or pipeless furnace	120	624	47	188	34	250	67	317	110	212	154
Room heaters with flue	218	1 031	107	133	73	231	97	432	376	267	194
Room heaters without flue	40	382	21	25	27	13	39	82	28	30	47
Fireplaces, stoves, or portable room heaters	—	75	—	20	16	5	12	31	17	18	4
None	—	12	—	—	—	—	—	—	7	—	—
Occupied housing units	28 177	27 369	26 799	29 670	33 911	24 534	22 945	53 500	22 481	29 048	21 994
No telephone	360	1 661	134	122	250	560	150	941	317	524	334
VEHICLES AVAILABLE											
Total:											
None	1 708	5 133	1 367	1 533	714	1 200	590	2 135	635	1 578	1 145
1	10 996	11 820	8 677	10 509	8 775	8 750	6 139	17 611	6 949	10 240	8 791
2	10 902	7 674	10 827	12 689	16 944	9 845	11 742	21 392	9 692	11 500	8 505
3 or more	4 571	2 742	5 928	4 939	7 478	4 739	4 474	12 362	5 205	5 730	3 553
Automobiles:											
None	1 895	5 487	1 554	1 622	970	1 609	773	2 606	986	2 056	1 520
1	12 825	13 399	10 418	11 568	11 249	11 276	7 490	21 398	10 045	12 610	10 944
2	10 353	7 054	10 600	12 673	16 887	9 025	11 465	20 890	8 900	10 934	7 526
3 or more	3 104	1 429	4 227	3 807	4 805	2 624	3 217	8 606	2 550	3 448	2 004
Trucks or vans:											
None	23 741	23 525	22 189	26 660	27 266	18 286	19 257	43 376	15 350	22 562	17 047
1	4 139	3 623	4 268	2 764	6 242	5 708	3 280	9 396	6 471	5 938	4 540
2	269	182	313	211	386	495	361	683	594	515	365
3 or more	28	39	29	35	17	45	47	45	66	33	42
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	20 162	17 531	22 826	17 412	27 679	17 364	16 686	43 755	16 933	19 173	15 615
1979 to March 1980	1 656	1 364	1 505	1 831	3 417	1 642	2 244	3 616	1 829	1 961	1 831
1975 to 1978	4 995	3 545	4 776	4 997	11 090	3 870	6 865	9 106	4 790	5 107	3 720
1970 to 1974	3 422	3 048	3 832	2 928	6 339	4 401	3 655	7 287	2 788	3 675	2 347
1960 to 1969	4 429	4 217	5 509	5 558	5 889	4 601	2 582	16 555	4 085	5 029	3 513
1950 to 1959	3 790	2 770	6 319	1 527	732	2 865	902	5 298	2 549	2 710	2 696
1949 or earlier	1 870	2 387	885	571	212	916	438	1 893	892	691	1 508
Renter-occupied housing units	8 015	9 838	3 973	12 258	6 232	7 170	6 259	9 745	5 548	9 875	6 379
1979 to March 1980	2 914	4 550	1 030	4 625	2 905	3 195	2 698	3 986	3 082	4 323	3 568
1975 to 1978	3 069	3 260	1 487	4 402	2 586	2 830	2 394	3 896	2 024	4 024	2 086
1970 to 1974	1 259	1 163	920	2 111	560	815	806	1 135	269	1 021	461
1960 to 1969	606	439	528	1 067	181	213	325	527	110	420	155
1959 or earlier	167	337	97	53	—	117	36	201	63	87	109
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	6 047	5 995	5 455	7 216	2 900	2 513	2 470	7 761	3 052	3 792	3 538
Owner-occupied housing units	4 306	4 740	4 042	2 639	2 164	1 773	1 356	6 448	2 301	1 809	2 909
Lacking complete plumbing for exclusive use	51	50	17	32	11	13	15	34	42	37	5
No complete kitchen facilities	47	81	12	12	11	12	—	44	—	38	13
No vehicle available	1 162	1 874	1 064	1 330	459	578	517	1 367	412	1 020	813
No telephone	56	135	27	25	25	32	25	68	23	34	41
Lacking central heating system	134	693	169	113	52	216	74	315	215	176	161
Lacking air conditioning	2 270	4 109	2 305	1 041	1 121	1 504	870	3 441	1 833	1 390	2 299

Table 74a. **Equipment and Plumbing Facilities for Towns/Townships: 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]

Towns/Townships of 50,000 or More

	Clinton township, Macomb County	Redford township	Waterford township
Year-round housing units	24 739	20 309	23 706
Complete kitchen facilities	24 503	20 195	23 561
BATHROOMS			
No bathroom or only a half bath	189	97	209
1 complete bathroom	11 973	11 156	14 824
1 complete bathroom plus half bath(s)	8 240	6 286	5 617
2 or more complete bathrooms	4 337	2 770	3 056
SOURCE OF WATER			
Public system or private company	23 456	20 309	17 193
Individual drilled well	1 165	—	6 073
Individual dug well	113	—	410
Some other source	5	—	30
SEWAGE DISPOSAL			
Public sewer	22 172	20 207	15 867
Septic tank or cesspool	2 540	92	7 757
Other means	27	10	82
AIR CONDITIONING			
None	11 607	9 107	14 169
Central system	8 239	3 767	4 789
1 or more individual room units	4 893	7 435	4 748
HEATING EQUIPMENT			
Year-round housing units	24 739	20 309	23 706
Steam or hot water system	1 771	1 142	2 156
Central warm-air furnace	21 602	18 525	19 328
Electric heat pump	196	26	193
Other built-in electric units	542	56	662
Floor, wall, or pipeless furnace	198	183	341
Room heaters with flue	346	320	811
Room heaters without flue	35	25	56
Fireplaces, stoves, or portable room heaters	45	32	145
None	4	—	14
Owner-occupied housing units	17 409	18 564	16 986
Steam or hot water system	908	852	1 597
Central warm-air furnace	15 951	17 284	14 244
Electric heat pump	63	8	76
Other built-in electric units	92	20	303
Floor, wall, or pipeless furnace	90	119	224
Room heaters with flue	225	243	389
Room heaters without flue	35	16	18
Fireplaces, stoves, or portable room heaters	45	22	128
None	—	—	7
Renter-occupied housing units	6 499	1 461	5 556
Steam or hot water system	817	243	503
Central warm-air furnace	4 967	1 019	4 116
Electric heat pump	111	18	112
Other built-in electric units	384	21	287
Floor, wall, or pipeless furnace	108	64	110
Room heaters with flue	112	77	376
Room heaters without flue	—	9	28
Fireplaces, stoves, or portable room heaters	—	10	17
None	—	—	7
Occupied housing units	23 908	20 025	22 542
No telephone	421	138	317
VEHICLES AVAILABLE			
Total:			
None	1 013	1 002	635
1	7 470	5 937	6 960
2	10 501	8 556	9 720
3 or more	4 924	4 530	5 227
Automobiles:			
None	1 317	1 229	986
1	9 302	7 419	10 056
2	10 181	8 232	8 932
3 or more	3 108	3 145	2 568
Trucks or vans:			
None	19 072	16 050	15 397
1	4 506	3 641	6 478
2	312	284	598
3 or more	18	50	69
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units	17 409	18 564	16 986
1979 to March 1980	2 974	1 682	1 829
1975 to 1978	5 803	4 194	4 808
1970 to 1974	3 135	2 652	2 794
1960 to 1969	3 710	4 171	4 103
1950 to 1959	1 443	5 106	2 560
1949 or earlier	344	759	892
Renter-occupied housing units	6 499	1 461	5 556
1979 to March 1980	2 978	386	3 087
1975 to 1978	2 561	609	2 027
1970 to 1974	678	228	269
1960 to 1969	215	139	110
1959 or earlier	67	99	63
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units	2 449	4 020	3 061
Owner-occupied housing units	1 653	3 678	2 310
Lacking complete plumbing for exclusive use	13	5	42
No complete kitchen facilities	61	14	—
No vehicle available	506	716	412
No telephone	71	12	23
Lacking central heating system	65	101	215
Lacking air conditioning	1 172	1 929	1 838

Table 75. Fuels and Financial Characteristics for Areas and Places: 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]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's										
	Detroit-Ann Arbor, Mich.	Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo-Portage, Mich.	Lansing-East Lansing, Mich.
Occupied housing units	1 601 967	92 937	66 556	41 348	60 276	1 509 030	178 000	206 047	50 974	98 526	159 301
HOUSE HEATING FUEL											
Utility gas	1 410 570	72 366	41 483	32 676	35 315	1 338 204	141 442	172 160	36 170	64 227	110 352
Bottled, tank, or LP gas	20 216	2 262	3 496	1 378	1 195	17 954	4 201	4 585	2 658	3 620	5 039
Electricity	63 024	6 028	2 907	1 541	9 902	56 996	7 927	4 659	2 413	6 130	10 986
Fuel oil, kerosene, etc	95 388	11 240	16 486	4 886	12 586	84 148	22 573	21 470	8 586	21 649	27 307
Cool or coke	2 196	65	92	74	114	2 131	128	171	49	335	1 855
Wood	6 269	557	2 000	691	1 053	5 712	1 451	2 618	1 002	2 262	3 097
Other fuel	3 605	382	82	83	68	3 223	206	329	71	232	623
No fuel used	699	37	10	19	43	662	72	55	25	71	42
WATER HEATING FUEL											
Utility gas	1 333 625	65 566	39 894	30 090	24 857	1 268 059	127 695	161 619	31 592	60 450	99 645
Bottled, tank, or LP gas	28 842	2 229	4 288	1 383	877	26 613	5 056	6 170	2 381	4 325	6 081
Electricity	229 374	23 578	20 844	9 468	33 832	205 416	43 815	35 011	16 424	30 110	49 796
Fuel oil, kerosene, etc	5 888	938	1 267	177	434	4 950	1 096	2 797	408	3 118	1 842
Other	2 624	123	102	110	87	2 501	189	260	77	297	1 661
No fuel used	1 614	123	161	120	189	1 491	149	190	92	226	276
COOKING FUEL											
Utility gas	835 623	31 947	24 618	19 910	14 672	803 676	66 642	114 833	20 552	33 828	45 222
Bottled, tank, or LP gas	18 517	1 867	6 056	2 260	1 946	16 650	4 615	7 405	3 503	7 469	7 749
Electricity	745 041	58 898	35 658	19 096	43 413	686 143	106 349	83 408	26 803	56 956	105 945
Other	824	66	147	65	117	758	211	192	76	166	257
No fuel used	1 962	159	77	17	128	1 803	183	209	40	107	128
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	957 040	39 161	38 485	26 363	33 292	917 879	110 500	123 674	30 089	51 062	80 802
With a mortgage	658 060	28 936	22 404	14 423	19 125	629 124	72 983	79 492	17 533	32 016	54 209
Less than \$100	778	27	45	12	39	751	118	49	70	44	65
\$100 to \$149	3 828	30	339	70	179	3 798	436	730	219	198	307
\$150 to \$199	13 554	194	1 081	318	718	13 360	2 107	2 986	606	1 050	1 382
\$200 to \$249	50 772	1 056	3 051	1 450	2 614	49 716	8 221	10 303	2 322	3 392	4 790
\$250 to \$299	95 837	2 108	4 776	2 263	3 348	93 729	13 218	14 390	3 103	4 943	8 124
\$300 to \$349	109 206	3 013	3 979	2 873	3 449	106 193	14 357	14 413	3 132	5 369	9 109
\$350 to \$399	95 067	3 526	3 011	2 408	2 687	91 541	11 580	11 191	2 548	4 293	7 599
\$400 to \$449	73 007	3 449	1 841	1 717	2 010	69 558	7 994	8 248	1 708	3 530	6 365
\$450 to \$499	54 230	3 101	1 409	1 173	1 473	51 129	5 547	5 226	1 409	2 717	4 715
\$500 to \$599	70 334	5 113	1 531	1 181	1 287	65 221	5 435	6 306	1 316	3 317	6 022
\$600 to \$749	51 234	4 064	948	619	868	47 170	2 702	3 567	833	2 028	3 531
\$750 or more	40 213	3 255	393	339	453	36 958	1 268	2 083	267	1 135	2 200
Median	\$379	\$467	\$324	\$355	\$339	\$376	\$343	\$339	\$339	\$362	\$372
Not mortgaged	298 980	10 225	16 081	11 940	14 167	288 755	37 517	44 182	12 556	19 046	26 593
Less than \$50	521	11	32	-	13	510	45	84	29	81	78
\$50 to \$74	2 105	12	372	97	221	2 093	321	709	182	275	397
\$75 to \$99	10 561	209	1 492	546	1 383	10 352	2 135	3 557	1 082	1 351	1 732
\$100 to \$149	82 732	1 441	6 917	3 896	5 807	81 291	12 938	20 174	4 917	7 141	9 365
\$150 to \$199	110 353	3 388	4 751	4 592	4 289	106 965	13 281	13 373	3 940	6 269	8 767
\$200 to \$249	55 079	2 556	1 627	1 984	1 561	52 523	5 714	4 156	1 641	2 533	3 812
\$250 or more	37 629	2 608	890	825	893	35 021	3 083	2 129	765	1 396	2 472
Median	\$172	\$201	\$145	\$164	\$147	\$171	\$161	\$144	\$151	\$155	\$158
GROSS RENT											
Specified renter-occupied housing units	463 764	41 625	15 024	8 209	16 360	422 139	41 638	50 933	11 806	29 514	50 982
Less than \$50	2 288	105	121	47	113	2 183	149	269	52	66	173
\$50 to \$59	4 664	128	83	107	269	4 536	373	277	99	149	370
\$60 to \$79	7 407	395	240	342	210	7 012	489	651	183	468	622
\$80 to \$99	6 924	378	272	188	239	6 546	364	743	216	462	756
\$100 to \$119	9 734	356	322	212	333	9 378	688	1 229	204	607	809
\$120 to \$149	24 600	968	895	381	888	23 632	1 379	2 856	535	1 680	1 731
\$150 to \$169	26 192	1 215	1 142	528	709	24 977	1 874	3 404	943	1 945	4 012
\$170 to \$199	37 672	2 169	2 251	940	1 919	35 503	3 497	7 179	1 398	3 427	4 400
\$200 to \$249	78 667	5 468	3 736	2 055	4 424	73 199	9 844	13 896	2 752	7 132	11 060
\$250 to \$299	92 798	9 244	2 821	1 525	3 511	83 554	10 741	8 901	2 384	5 601	10 500
\$300 to \$349	77 078	9 279	1 359	897	1 707	67 799	5 866	5 272	1 312	3 317	7 376
\$350 to \$399	37 985	4 607	616	374	748	33 378	2 817	2 317	599	1 858	3 495
\$400 to \$499	30 108	4 066	313	179	429	26 042	1 746	1 348	336	1 352	2 905
\$500 or more	13 721	2 610	50	30	104	11 111	395	512	118	342	1 258
No cash rent	13 926	637	803	404	757	13 289	1 416	2 079	675	1 108	1 515
Median	\$265	\$300	\$223	\$227	\$236	\$261	\$257	\$227	\$235	\$238	\$253
HOUSEHOLD INCOME IN 1979											
Occupied housing units	1 601 967	92 937	66 556	41 348	60 276	1 509 030	178 000	206 047	50 974	98 526	159 301
Median income	\$21 110	\$20 626	\$17 684	\$18 925	\$16 257	\$21 140	\$20 707	\$18 984	\$18 391	\$17 717	\$19 138
Owner-occupied housing units	1 124 927	49 698	50 444	32 771	42 463	1 075 229	134 401	153 226	38 396	67 319	105 659
Median income	\$25 167	\$27 772	\$20 414	\$21 232	\$19 537	\$25 042	\$23 508	\$21 557	\$21 109	\$21 355	\$22 990
Renter-occupied housing units	477 040	43 239	16 112	8 577	17 813	433 801	43 599	52 821	12 578	31 207	53 642
Median income	\$12 421	\$13 750	\$10 700	\$10 017	\$10 041	\$12 284	\$12 173	\$12 097	\$11 610	\$11 065	\$12 243
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	63 695	1 613	3 449	2 310	3 199	62 082	8 341	7 921	2 546	4 031	5 236
Percent below poverty level	5.7	3.2	6.8	7.0	7.5	5.8	6.2	5.2	6.6	6.0	5.0
Complete plumbing for exclusive use	62 878	1 580	3 331	2 173	3 134	61 298	8 271	7 760	2 483	3 940	5 084
1.01 or more persons per room	3 186	44	117	57	159	3 142	382	286	97	187	168
Lacking complete plumbing for exclusive use	817	33	118	137	65	784	70	161	63	91	152
1.01 or more persons per room	68	-	14	17	3	68	-	2	8	14	3
Renter-occupied housing units	111 384	8 534	3 787	2 374	4 979	102 850	11 141	9 953	2 614	7 232	11 884
Percent below poverty level	23.3	19.7	23.5	27.7	28.0	23.7	25.6	18.8	20.8	23.2	22.2
Complete plumbing for exclusive use	107 191	8 181	3 568	2 276	4 778	99 010	10 675	9 591	2 520	6 970	11 413
1.01 or more persons per room	6 394	502	208	53	490	5 892	749	438	98	424	744
Lacking complete plumbing for exclusive use	4 193	353	219	98	201	3 840	466	362	94	262	471
1.01 or more persons per room	350	43	23	10	10	307	27	49	8	30	64

Table 75. Fuels and Financial Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegon-Norton Shores-Muskegon Heights, Mich.	Saginaw, Mich.	Toledo, Ohio-Mich.			Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
Occupied housing units	61 944	76 116	277 564	43 110	234 454	76 238	29 402	28 179	21 764	1 334 552	117 530
HOUSE HEATING FUEL											
Utility gas	47 187	57 915	197 500	27 896	169 604	66 190	24 130	25 681	15 883	1 227 351	102 196
Bottled, tank, or LP gas	3 041	2 419	16 488	4 390	12 098	577	194	184	170	7 582	1 017
Electricity	1 998	4 161	34 968	2 393	32 575	5 783	1 149	982	2 676	45 050	5 812
Fuel oil, kerosene, etc	7 731	10 268	25 542	7 571	17 971	3 149	3 774	1 153	2 902	48 095	8 033
Coal or coke	38	135	584	150	434	45	10	37	42	1 860	61
Wood	1 863	1 107	1 995	651	1 344	75	84	62	67	911	218
Other fuel	64	82	398	46	352	382	54	69	20	3 081	148
No fuel used	22	29	89	13	76	37	7	11	4	622	45
WATER HEATING FUEL											
Utility gas	43 483	53 342	181 937	23 041	158 896	61 085	24 773	24 449	12 185	1 178 143	95 581
Bottled, tank, or LP gas	3 192	2 521	12 017	3 729	8 288	737	369	262	263	17 283	1 951
Electricity	14 502	19 477	81 540	15 880	65 660	13 756	4 058	3 337	9 079	132 627	19 426
Fuel oil, kerosene, etc	474	510	1 146	268	878	487	161	33	156	3 173	410
Other	130	68	275	49	226	84	19	51	18	2 295	102
No fuel used	163	198	649	143	506	87	22	47	63	1 031	60
COOKING FUEL											
Utility gas	31 007	33 103	111 784	12 119	99 665	30 685	15 104	16 138	6 568	753 156	51 388
Bottled, tank, or LP gas	4 751	3 143	12 619	2 841	9 778	519	281	317	205	7 366	1 158
Electricity	25 994	39 704	152 632	28 028	124 604	44 874	13 962	11 674	14 854	571 954	64 735
Other	121	103	202	67	135	—	12	36	33	434	121
No fuel used	71	63	327	55	272	160	43	14	104	1 642	128
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	37 330	46 838	160 887	26 464	134 423	28 367	18 402	18 546	11 866	814 628	72 004
With a mortgage	19 902	28 933	96 333	16 648	79 685	21 450	10 835	9 656	7 216	556 915	47 065
Less than \$100	70	49	220	23	197	27	22	12	18	697	81
\$100 to \$149	368	196	979	132	847	36	227	62	83	3 483	375
\$150 to \$199	1 826	955	3 742	273	3 469	154	703	226	257	12 331	1 708
\$200 to \$249	3 814	2 873	10 425	1 034	9 391	940	1 744	1 048	978	45 714	6 362
\$250 to \$299	3 905	4 752	14 778	2 124	12 654	1 829	2 458	1 725	1 185	86 080	9 493
\$300 to \$349	3 236	5 150	14 409	2 437	11 972	2 569	1 843	2 018	1 239	96 305	9 547
\$350 to \$399	2 312	4 370	12 975	2 562	10 413	2 804	1 265	1 492	1 000	81 354	6 834
\$400 to \$449	1 487	2 956	10 567	2 433	8 134	2 571	704	1 116	799	60 403	4 448
\$450 to \$499	880	2 429	7 965	1 771	6 194	2 186	558	728	615	43 765	3 128
\$500 to \$599	1 037	2 723	9 562	2 077	7 485	3 427	713	621	481	54 824	2 911
\$600 to \$749	613	1 743	6 641	1 202	5 439	2 634	402	410	394	39 707	1 473
\$750 or more	354	737	4 070	580	3 490	2 273	196	198	167	32 252	705
Median	\$300	\$356	\$364	\$395	\$356	\$446	\$307	\$343	\$344	\$371	\$329
Not mortgaged	17 428	17 905	64 554	9 816	54 738	6 917	7 567	8 890	4 650	257 713	24 939
Less than \$50	47	67	189	25	164	11	7	—	7	472	37
\$50 to \$74	589	200	1 421	51	1 370	6	154	68	67	1 874	203
\$75 to \$99	2 275	995	6 436	374	6 062	131	785	358	422	8 961	1 584
\$100 to \$149	7 981	5 885	27 961	2 697	25 264	973	3 624	3 049	1 705	72 682	9 494
\$150 to \$199	4 619	6 303	18 713	3 805	14 908	2 283	1 981	3 450	1 447	95 827	8 531
\$200 to \$249	1 226	2 903	6 561	1 904	4 657	1 687	635	1 407	620	46 726	3 281
\$250 or more	691	1 552	3 273	960	2 313	1 826	381	558	382	31 171	1 809
Median	\$136	\$163	\$144	\$172	\$139	\$202	\$139	\$163	\$154	\$171	\$156
GROSS RENT											
Specified renter-occupied housing units	13 795	18 670	78 994	8 354	70 640	40 037	8 871	6 827	7 465	393 154	33 481
Less than \$50	88	134	1 055	83	972	105	83	47	81	2 121	131
\$50 to \$59	124	205	853	74	777	128	61	107	167	4 382	373
\$60 to \$79	420	360	1 513	145	1 368	395	114	326	98	6 767	420
\$80 to \$99	277	253	1 802	102	1 700	362	177	173	119	6 283	317
\$100 to \$119	442	409	2 131	183	1 948	333	170	184	183	9 075	562
\$120 to \$149	926	744	4 405	248	4 157	847	519	314	435	22 814	1 072
\$150 to \$169	1 025	766	3 847	301	3 546	1 167	713	467	346	23 953	1 541
\$170 to \$199	2 335	1 576	8 085	888	7 197	1 958	1 578	781	762	33 535	2 736
\$200 to \$249	3 731	4 098	17 984	1 817	16 167	5 015	2 351	1 777	2 025	67 452	7 798
\$250 to \$299	1 900	4 426	16 823	1 969	14 854	8 772	1 595	1 299	1 583	77 176	8 681
\$300 to \$349	1 087	2 737	8 918	1 011	7 907	9 034	635	695	831	62 992	4 860
\$350 to \$399	476	1 365	4 416	493	3 923	4 779	397	284	395	30 707	2 426
\$400 to \$499	191	812	3 116	499	2 617	4 172	147	105	190	23 878	1 362
\$500 or more	32	127	1 113	142	971	2 474	20	27	48	10 344	296
No cash rent	741	656	2 933	397	2 536	496	311	241	202	11 475	906
Median	\$212	\$255	\$240	\$253	\$239	\$304	\$217	\$224	\$237	\$259	\$258
HOUSEHOLD INCOME IN 1979											
Occupied housing units	61 944	76 116	277 564	43 110	234 454	76 238	29 402	28 179	21 764	1 334 552	117 530
Median income	\$15 838	\$19 747	\$18 517	\$21 280	\$17 948	\$19 356	\$16 594	\$17 894	\$15 200	\$20 946	\$19 655
Owner-occupied housing units	47 373	56 446	194 939	33 963	160 976	35 342	20 361	21 214	13 985	932 921	83 182
Median income	\$17 915	\$22 542	\$21 869	\$23 303	\$21 565	\$27 110	\$20 227	\$20 842	\$19 476	\$25 107	\$22 924
Renter-occupied housing units	14 571	19 670	82 625	9 147	73 478	40 896	9 041	6 965	7 779	401 631	34 348
Median income	\$9 593	\$10 983	\$11 346	\$12 835	\$11 179	\$13 711	\$10 127	\$9 485	\$9 461	\$12 141	\$11 903
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	3 799	3 928	11 043	1 700	9 343	1 227	1 477	1 491	1 103	54 481	5 681
Percent below poverty level	8.0	7.0	5.7	5.0	5.8	3.5	7.3	7.0	7.9	5.8	6.8
Complete plumbing for exclusive use	3 714	3 837	10 766	1 632	9 134	1 222	1 467	1 432	1 083	53 911	5 658
1.01 or more persons per room	259	269	340	86	254	38	50	18	82	2 880	327
Locking complete plumbing for exclusive use	85	91	277	68	209	5	10	59	20	570	23
1.01 or more persons per room	4	11	22	13	9	—	—	—	—	55	—
Renter-occupied housing units	4 063	5 467	18 836	1 708	17 128	8 294	2 287	1 990	2 474	97 275	9 205
Percent below poverty level	27.9	27.8	22.8	18.7	23.3	20.3	25.3	28.6	31.8	24.2	26.8
Complete plumbing for exclusive use	3 965	5 334	18 064	1 594	16 470	7 975	2 153	1 920	2 377	93 624	8 827
1.01 or more persons per room	302	395	1 098	101	997	482	99	44	252	5 617	639
Locking complete plumbing for exclusive use	98	133	772	114	658	319	134	70	97	3 651	378
1.01 or more persons per room	8	11	63	10	53	43	12	—	—	290	23

Table 75. Fuels and Financial Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon— Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
Occupied housing units -----	132 686	28 209	55 957	90 043	37 825	21 668	50 781	82 268	73 388	8 880
HOUSE HEATING FUEL										
Utility gas-----	126 431	24 877	44 956	74 563	35 733	18 957	44 641	66 600	59 135	7 465
Bottled, tank, or LP gas-----	575	147	355	356	169	105	288	472	405	67
Electricity-----	2 632	1 177	2 588	7 407	1 152	1 216	3 073	8 511	7 720	791
Fuel oil, kerosene, etc-----	2 473	1 812	7 363	5 191	560	1 261	2 576	6 258	5 756	502
Cool or coke-----	30	17	272	1 734	29	30	56	50	50	—
Wood-----	257	93	230	184	130	72	62	201	158	43
Other fuel-----	256	65	171	588	52	27	64	154	142	12
No fuel used-----	32	21	22	20	—	—	21	22	22	—
WATER HEATING FUEL										
Utility gas-----	122 415	23 490	44 111	69 165	34 291	15 852	43 062	58 630	53 085	5 545
Bottled, tank, or LP gas-----	832	316	624	884	259	168	716	584	513	71
Electricity-----	8 961	4 248	9 981	18 027	3 151	5 489	6 719	22 747	19 508	3 239
Fuel oil, kerosene, etc-----	263	82	970	396	38	88	181	178	176	2
Other-----	123	28	205	1 475	52	23	29	61	61	—
No fuel used-----	92	45	66	96	34	48	74	68	45	23
COOKING FUEL										
Utility gas-----	94 831	15 419	23 349	28 542	24 234	8 485	27 360	44 894	41 215	3 679
Bottled, tank, or LP gas-----	713	369	655	610	154	147	378	662	592	70
Electricity-----	36 927	12 371	31 828	60 737	13 357	12 948	22 968	36 590	31 473	5 117
Other-----	67	12	45	48	15	18	18	36	36	—
No fuel used-----	148	38	80	106	65	70	57	86	72	14
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	79 232	17 291	29 276	43 263	23 990	13 216	31 540	52 990	47 338	5 652
With a mortgage-----	51 050	9 470	18 681	29 611	12 569	7 846	19 086	30 967	27 823	3 144
Less than \$100-----	28	52	19	41	29	18	47	148	142	6
\$100 to \$149-----	553	160	99	126	261	37	182	813	785	28
\$150 to \$199-----	2 164	461	656	644	1 264	180	753	3 572	3 386	186
\$200 to \$249-----	7 645	1 616	2 256	2 842	2 650	1 000	2 234	6 362	5 733	629
\$250 to \$299-----	9 727	1 958	2 930	4 675	2 567	1 486	3 353	5 941	5 173	768
\$300 to \$349-----	9 531	1 743	2 912	5 024	1 818	1 382	3 449	4 506	3 947	559
\$350 to \$399-----	6 809	1 382	2 443	3 955	1 209	1 123	2 649	2 947	2 580	367
\$400 to \$449-----	5 078	729	2 085	3 202	876	733	1 724	1 940	1 756	184
\$450 to \$499-----	3 132	570	1 531	2 367	526	629	1 458	1 451	1 324	127
\$500 to \$599-----	3 714	415	1 963	3 179	620	624	1 597	1 604	1 466	138
\$600 to \$749-----	1 837	283	1 110	2 082	448	390	1 148	897	824	73
\$750 or more-----	832	101	677	1 474	301	244	492	786	707	79
Median-----	\$328	\$314	\$360	\$368	\$291	\$343	\$343	\$289	\$287	\$297
Not mortgaged-----	28 182	7 821	10 595	13 652	11 421	5 370	12 454	22 023	19 515	2 508
Less than \$50-----	71	27	43	36	20	4	52	87	87	—
\$50 to \$74-----	474	109	58	196	393	28	167	1 024	1 003	21
\$75 to \$99-----	2 582	802	614	890	1 669	253	801	4 293	3 993	300
\$100 to \$149-----	13 167	3 298	3 856	4 781	5 304	1 998	4 269	11 240	10 050	1 190
\$150 to \$199-----	8 169	2 417	3 575	4 308	2 831	2 059	4 256	3 966	3 248	718
\$200 to \$249-----	2 391	786	1 528	1 900	757	676	1 935	861	672	189
\$250 or more-----	1 328	382	921	1 541	447	352	974	552	462	90
Median-----	\$142	\$145	\$159	\$159	\$134	\$158	\$160	\$121	\$119	\$140
GROSS RENT										
Specified renter-occupied housing units -----	40 117	8 822	22 067	39 637	10 768	6 448	15 837	22 761	20 408	2 353
Less than \$50-----	239	37	35	141	80	27	131	280	264	16
\$50 to \$59-----	241	99	116	304	117	105	199	409	354	55
\$60 to \$79-----	560	120	376	445	414	118	339	574	529	45
\$80 to \$99-----	540	163	302	577	240	129	235	659	592	67
\$100 to \$119-----	993	114	349	522	390	146	329	687	639	48
\$120 to \$149-----	2 305	406	1 236	1 155	753	257	631	1 677	1 501	176
\$150 to \$169-----	2 782	778	1 439	3 398	815	366	655	1 614	1 499	115
\$170 to \$199-----	6 031	1 157	2 520	3 027	1 927	627	1 221	2 871	2 603	268
\$200 to \$249-----	11 319	2 118	5 257	8 587	2 947	1 489	3 506	4 772	4 105	667
\$250 to \$299-----	6 832	1 780	4 216	8 220	1 401	1 339	3 743	3 804	3 349	455
\$300 to \$349-----	3 998	952	2 672	6 147	839	922	2 425	2 372	2 187	185
\$350 to \$399-----	1 718	423	1 605	2 879	352	460	1 243	1 056	952	104
\$400 to \$499-----	1 041	242	1 154	2 467	137	247	691	918	859	59
\$500 or more-----	385	64	300	1 110	24	37	92	221	201	20
No cash rent-----	1 133	369	490	658	332	179	397	847	774	73
Median-----	\$223	\$231	\$242	\$257	\$208	\$246	\$256	\$222	\$222	\$225
HOUSEHOLD INCOME IN 1979										
Occupied housing units -----	132 686	28 209	55 957	90 043	37 825	21 668	50 781	82 268	73 388	8 880
Median income-----	\$18 157	\$16 887	\$17 226	\$17 960	\$15 256	\$17 554	\$18 217	\$16 607	\$16 664	\$16 178
Owner-occupied housing units -----	91 951	19 234	33 481	49 726	26 907	15 121	34 565	58 989	52 516	6 473
Median income-----	\$21 404	\$20 161	\$22 163	\$23 781	\$18 052	\$21 047	\$21 874	\$19 577	\$19 610	\$19 248
Renter-occupied housing units -----	40 735	8 975	22 476	40 317	10 918	6 547	16 216	23 279	20 872	2 407
Median income-----	\$11 848	\$11 147	\$11 156	\$12 221	\$9 202	\$10 349	\$10 540	\$10 315	\$10 446	\$9 273
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units -----	4 778	1 372	1 612	2 102	2 032	1 080	2 648	3 257	2 857	400
Percent below poverty level-----	5.2	7.1	4.8	4.2	7.6	7.1	7.7	5.5	5.4	6.2
Complete plumbing for exclusive use-----	4 732	1 338	1 596	2 086	2 020	1 033	2 612	3 227	2 839	388
1.01 or more persons per room-----	195	59	67	60	137	41	198	142	123	19
Lacking complete plumbing for exclusive use-----	46	34	16	16	12	47	36	30	18	12
1.01 or more persons per room-----	—	4	—	—	—	6	6	—	—	—
Renter-occupied housing units -----	7 849	1 997	5 371	9 477	3 150	1 791	4 869	5 077	4 388	689
Percent below poverty level-----	19.3	22.3	23.9	23.5	28.9	27.4	30.0	21.8	21.0	28.6
Complete plumbing for exclusive use-----	7 570	1 934	5 199	9 140	3 079	1 747	4 771	4 955	4 278	677
1.01 or more persons per room-----	264	71	219	209	51	209	357	241	185	56
Lacking complete plumbing for exclusive use-----	279	63	172	337	71	44	98	122	110	12
1.01 or more persons per room-----	31	8	15	46	5	5	9	5	5	—

Table 75. Fuels and Financial Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.			Places								
	Toledo, Ohio—Mich.			Ann Arbor city	Bottle Creek city	Boy City city	Benton Harbor city	Dearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city
	Total	Michigan (pt.)	Ohio (pt.)									
Occupied housing units	177 867	4 382	173 485	38 934	14 124	15 545	4 597	34 890	23 197	433 488	12 714	20 178
HOUSE HEATING FUEL												
Utility gas.....	142 750	3 689	139 061	34 621	11 763	14 556	3 465	33 720	22 722	402 432	8 831	18 430
Bottled, tank, or LP gas.....	2 480	39	2 441	183	84	82	32	122	34	3 854	38	13
Electricity.....	22 932	127	22 805	2 304	591	259	415	467	254	14 501	1 448	720
Fuel oil, kerosene, etc.....	8 945	466	8 479	1 614	1 620	516	650	542	180	8 477	588	994
Coal or coke.....	182	22	160	25	10	33	18	—	7	1 581	1 620	—
Wood.....	221	39	182	40	21	25	—	11	—	110	—	10
Other fuel.....	294	—	294	143	28	63	13	28	—	2 129	182	11
No fuel used.....	63	—	63	4	7	11	4	—	—	403	7	—
WATER HEATING FUEL												
Utility gas.....	136 572	2 823	133 749	32 627	12 228	14 431	2 990	33 200	21 885	395 588	8 443	16 294
Bottled, tank, or LP gas.....	2 653	25	2 628	278	220	120	100	229	112	10 024	41	114
Electricity.....	37 935	1 499	36 436	5 592	1 584	910	1 434	1 397	1 165	24 763	2 753	3 616
Fuel oil, kerosene, etc.....	423	27	396	343	65	24	41	42	28	750	116	130
Other.....	145	—	145	49	14	40	13	7	7	1 745	1 351	17
No fuel used.....	139	8	131	45	13	20	19	15	—	618	10	7
COOKING FUEL												
Utility gas.....	85 897	1 322	84 575	14 367	8 380	10 774	2 305	18 955	13 924	332 259	2 930	4 994
Bottled, tank, or LP gas.....	2 748	42	2 686	115	77	114	41	61	30	3 304	64	27
Electricity.....	88 943	2 986	85 957	24 342	5 647	4 630	2 149	15 790	9 237	96 867	9 700	15 152
Other.....	47	8	39	—	—	13	17	—	—	204	20	—
No fuel used.....	232	4	228	110	20	14	85	84	6	1 034	—	5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	105 127	3 429	101 698	13 699	7 564	10 135	1 951	23 996	18 920	212 893	3 808	12 773
With a mortgage.....	62 244	2 563	59 681	10 286	3 757	4 782	1 211	11 025	12 532	128 946	2 641	10 553
Less than \$100.....	158	8	150	—	10	6	8	16	8	400	—	—
\$100 to \$149.....	584	9	575	12	115	6	5	63	53	2 007	—	12
\$150 to \$199.....	2 754	12	2 742	40	319	132	79	287	235	6 138	5	94
\$200 to \$249.....	7 771	108	7 663	163	789	570	362	1 035	1 332	17 242	33	179
\$250 to \$299.....	9 964	313	9 651	535	955	924	276	1 674	2 633	27 152	61	573
\$300 to \$349.....	9 304	308	8 996	638	885	1 224	261	1 919	2 615	29 486	278	741
\$350 to \$399.....	8 171	351	7 820	1 131	348	764	139	1 497	1 649	22 130	237	975
\$400 to \$449.....	6 290	362	5 928	1 168	143	454	23	1 496	1 255	11 887	338	861
\$450 to \$499.....	4 654	251	4 403	1 170	165	290	42	1 082	919	5 987	236	917
\$500 to \$599.....	5 577	447	5 130	1 946	143	203	16	958	959	4 285	466	1 864
\$600 to \$749.....	4 301	276	4 025	1 680	45	130	—	614	595	1 403	456	1 847
\$750 or more.....	2 716	118	2 598	1 603	40	39	—	392	271	829	531	2 490
Median.....	\$354	\$424	\$350	\$504	\$284	\$329	\$277	\$368	\$338	\$320	\$521	\$550
Not mortgaged.....	42 883	866	42 017	3 413	3 807	5 353	740	12 971	6 388	83 947	1 167	2 220
Less than \$50.....	113	—	113	11	7	—	—	—	—	291	—	17
\$50 to \$74.....	924	—	924	6	73	37	6	90	11	1 079	12	8
\$75 to \$99.....	4 682	22	4 660	63	409	175	148	631	113	4 762	—	51
\$100 to \$149.....	19 980	172	19 808	231	1 886	1 955	283	4 841	1 378	32 734	51	306
\$150 to \$199.....	11 647	311	11 336	912	1 005	2 053	184	5 198	2 488	30 189	179	490
\$200 to \$249.....	3 650	232	3 418	1 003	286	800	79	1 610	1 503	10 189	333	447
\$250 or more.....	1 887	129	1 758	1 187	141	333	40	601	839	4 835	592	901
Median.....	\$140	\$189	\$139	\$224	\$138	\$161	\$136	\$157	\$185	\$154	\$251	\$227
GROSS RENT												
Specified renter-occupied housing units	57 984	502	57 482	22 193	5 732	4 175	2 266	8 032	2 994	179 223	8 245	5 569
Less than \$50.....	952	—	952	37	83	31	49	42	—	1 287	—	—
\$50 to \$59.....	756	8	748	101	61	99	79	80	—	2 848	11	11
\$60 to \$79.....	1 299	—	1 299	103	114	217	31	235	—	3 342	15	24
\$80 to \$99.....	1 567	8	1 559	127	53	118	45	206	—	3 220	160	12
\$100 to \$119.....	1 723	15	1 708	146	135	127	82	204	—	5 834	50	9
\$120 to \$149.....	3 580	29	3 551	383	434	250	201	448	42	17 070	87	116
\$150 to \$169.....	2 880	—	2 880	465	599	342	137	342	29	17 834	2 030	103
\$170 to \$199.....	5 819	76	5 743	1 110	1 072	670	294	644	43	23 581	629	131
\$200 to \$249.....	13 071	90	12 981	2 913	1 228	1 032	606	1 442	293	38 513	1 130	231
\$250 to \$299.....	12 355	78	12 277	4 720	921	589	330	1 502	896	30 832	1 058	333
\$300 to \$349.....	6 279	79	6 200	4 720	431	353	172	1 012	878	17 777	917	943
\$350 to \$399.....	3 116	26	3 090	2 605	272	146	119	543	336	7 710	532	1 145
\$400 to \$499.....	2 099	59	2 040	2 527	69	57	63	523	216	4 138	806	1 543
\$500 or more.....	763	11	752	1 976	10	8	11	390	96	872	694	856
No cash rent.....	1 725	23	1 702	260	150	136	42	419	165	4 365	126	112
Median.....	\$237	\$258	\$237	\$309	\$205	\$207	\$213	\$255	\$306	\$216	\$248	\$386
HOUSEHOLD INCOME IN 1979												
Occupied housing units	177 867	4 382	173 485	38 934	14 124	15 545	4 597	34 890	23 197	433 488	12 714	20 178
Median income.....	\$17 823	\$23 968	\$17 637	\$18 239	\$12 974	\$15 410	\$8 553	\$22 150	\$25 095	\$13 932	\$15 017	\$30 563
Owner-occupied housing units	118 979	3 848	115 131	16 201	8 314	11 321	2 254	26 725	20 154	250 864	4 435	14 470
Median income.....	\$21 855	\$25 407	\$21 759	\$29 586	\$16 568	\$18 571	\$13 349	\$25 120	\$26 301	\$18 678	\$32 972	\$35 110
Renter-occupied housing units	58 888	534	58 354	22 733	5 810	4 224	2 343	8 165	3 043	182 624	8 279	5 708
Median income.....	\$10 926	\$15 481	\$10 888	\$12 705	\$8 668	\$7 918	\$5 743	\$14 503	\$16 945	\$8 467	\$10 632	\$21 219
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	6 640	98	6 542	371	897	895	401	1 101	770	28 219	90	415
Percent below poverty level.....	5.6	2.5	5.7	2.3	10.8	7.9	17.8	4.1	3.8	11.2	2.0	2.9
Complete plumbing for exclusive use.....	6 567	98	6 469	366	887	856	390	1 091	770	27 855	86	415
1.01 or more persons per room.....	172	—	172	4	40	15	49	51	27	1 856	—	4
Locking complete plumbing for exclusive use.....	73	—	73	5	10	39	—	10	—	364	—	—
1.01 or more persons per room.....	6	—	6	—	—	—	—	—	—	55	—	—
Renter-occupied housing units	13 941	85	13 856	4 914	1 773	1 468	1 320	1 104	306	66 404	2 859	365
Percent below poverty level.....	23.7	15.9	23.7	21.6	30.5	34.8	56.3	13.5	10.1	36.4	34.5	6.4
Complete plumbing for exclusive use.....	13 430	85	13 345	4 734	1 686	1 398	1 242	1 044	299	63 521	2 759	360
1.01 or more persons per room.....	805	—	805	269	72	39	187	68	10	4 103	303	17
Locking complete plumbing for exclusive use.....	511	—	511	180	87	70	78	60	7	2 883	100	5
1.01 or more persons per room.....	30	—	30	17	7	—	—	6	—	202	25	—

Table 75. Fuels and Financial Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kalamazoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shores city	Pontiac city	Portage city	Roseville city
Occupied housing units	57 613	65 535	15 005	28 375	49 516	32 545	15 241	5 104	7 712	25 702	13 152	18 183
HOUSE HEATING FUEL												
Utility gas	50 377	63 167	13 416	22 837	43 007	30 307	14 411	4 815	7 275	22 666	10 764	16 445
Bottled, tank, or LP gas	500	244	53	210	211	49	103	15	30	211	55	60
Electricity	2 907	1 076	752	1 607	3 011	439	561	165	166	1 420	309	793
Fuel oil, kerosene, etc	3 595	762	659	3 318	2 804	1 697	100	68	203	1 239	1 908	819
Coal or coke	50	23	6	267	114	8	13	6	10	12	—	10
Wood	42	101	44	44	92	22	20	16	28	6	68	29
Other fuel	111	151	54	75	264	22	33	19	—	96	43	19
No fuel used	31	11	21	17	13	1	—	—	—	52	5	8
WATER HEATING FUEL												
Utility gas	50 260	61 992	13 084	23 146	40 126	29 521	14 140	4 693	6 762	21 993	9 969	16 225
Bottled, tank, or LP gas	1 193	408	142	296	535	116	135	54	46	495	161	127
Electricity	5 843	2 908	1 696	4 241	8 604	2 832	900	318	891	3 066	2 773	1 758
Fuel oil, kerosene, etc	204	91	44	468	124	70	25	—	13	83	243	73
Other	68	74	18	169	67	—	27	25	—	23	6	—
No fuel used	45	62	21	55	60	6	14	14	—	42	—	—
COOKING FUEL												
Utility gas	31 718	49 290	9 532	13 967	19 180	12 363	11 095	4 209	3 895	17 555	4 051	10 808
Bottled, tank, or LP gas	462	225	93	260	269	49	64	11	46	268	147	17
Electricity	25 248	15 914	5 353	14 035	29 971	20 113	4 049	843	3 771	7 841	8 954	7 352
Other	67	10	—	39	18	10	7	8	—	11	—	—
No fuel used	118	96	27	74	78	10	26	33	—	27	—	6
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	34 185	36 510	8 000	12 078	25 781	27 815	8 071	2 859	5 764	12 817	8 833	13 263
With a mortgage	21 625	20 501	4 118	6 924	16 836	21 964	3 529	1 502	3 196	8 399	6 797	9 244
Less than \$100	36	16	25	19	41	—	16	—	8	34	—	5
\$100 to \$149	224	254	80	41	112	56	43	—	53	74	30	62
\$150 to \$199	1 063	1 153	213	260	547	149	530	316	112	535	153	199
\$200 to \$249	3 869	3 350	858	942	2 466	704	1 102	449	410	1 415	715	1 070
\$250 to \$299	5 316	4 298	945	1 251	3 530	2 691	844	357	419	1 923	809	1 945
\$300 to \$349	4 799	4 002	928	1 028	3 263	3 198	456	181	474	1 944	992	2 012
\$350 to \$399	2 836	2 693	485	915	2 474	3 207	155	102	438	1 044	884	1 572
\$400 to \$449	1 388	1 907	227	679	1 713	2 638	121	38	358	736	885	1 113
\$450 to \$499	940	1 017	136	595	995	2 601	107	4	212	304	646	613
\$500 to \$599	697	1 156	133	585	1 085	3 263	61	—	263	286	863	495
\$600 to \$749	315	426	55	346	459	2 344	22	12	248	95	512	146
\$750 or more	142	229	33	263	151	1 113	—	—	201	9	308	21
Median	\$303	\$315	\$297	\$346	\$326	\$419	\$250	\$244	\$364	\$306	\$390	\$334
Not mortgaged	12 560	16 009	3 882	5 154	8 945	5 851	4 542	1 357	2 568	4 418	2 036	4 019
Less than \$50	25	63	27	24	17	6	—	11	32	9	—	6
\$50 to \$74	120	254	27	33	148	5	165	39	126	70	—	—
\$75 to \$99	990	1 590	419	313	753	85	757	276	304	219	23	64
\$100 to \$149	5 735	7 588	1 732	1 747	3 855	559	2 397	668	943	2 014	624	1 071
\$150 to \$199	3 969	4 576	1 114	1 700	2 880	2 045	864	284	819	1 429	792	2 172
\$200 to \$249	1 047	1 276	393	797	889	1 977	226	61	229	476	340	576
\$250 or more	674	662	170	540	403	1 174	133	20	136	178	248	130
Median	\$145	\$141	\$142	\$163	\$146	\$206	\$125	\$124	\$145	\$147	\$171	\$169
GROSS RENT												
Specified renter-occupied housing units	18 593	23 932	6 014	13 869	20 730	2 680	6 137	1 872	993	10 778	3 278	3 650
Less than \$50	83	204	37	24	116	17	56	—	—	100	5	4
\$50 to \$59	330	170	99	104	257	72	40	59	—	324	8	6
\$60 to \$79	338	448	104	334	271	90	340	48	—	491	24	98
\$80 to \$99	237	447	159	264	306	63	129	78	6	249	20	25
\$100 to \$119	386	848	280	288	49	247	92	25	25	245	30	44
\$120 to \$149	832	1 892	383	1 121	903	30	503	123	24	371	43	74
\$150 to \$169	1 209	2 420	725	1 243	1 212	45	553	106	34	541	44	76
\$170 to \$199	1 917	4 154	904	1 608	2 034	22	1 301	425	66	756	249	229
\$200 to \$249	5 000	5 823	1 406	2 803	5 564	204	1 810	438	271	2 491	1 087	829
\$250 to \$299	3 996	3 521	1 031	2 304	4 158	386	601	272	184	2 096	691	806
\$300 to \$349	1 942	1 995	540	1 484	2 672	504	302	122	170	1 606	348	721
\$350 to \$399	1 117	863	192	1 018	1 387	366	62	30	145	733	325	312
\$400 to \$499	646	448	101	782	999	454	18	8	40	450	266	173
\$500 or more	96	94	26	219	227	206	—	—	5	52	66	98
No cash rent	464	605	203	281	336	172	175	65	23	273	72	155
Median	\$237	\$209	\$213	\$232	\$243	\$327	\$195	\$198	\$264	\$244	\$256	\$275
HOUSEHOLD INCOME IN 1979												
Occupied housing units	57 613	65 535	15 005	28 375	49 516	32 545	15 241	5 104	7 712	25 702	13 152	18 183
Median income	\$16 923	\$15 467	\$14 184	\$14 421	\$16 871	\$30 020	\$11 944	\$10 232	\$20 793	\$16 189	\$22 540	\$21 150
Owner-occupied housing units	38 416	41 303	8 899	14 283	28 361	29 793	9 028	3 219	6 694	14 434	9 757	14 437
Median income	\$20 690	\$19 563	\$18 278	\$20 262	\$21 270	\$31 215	\$15 016	\$12 686	\$21 764	\$20 913	\$25 893	\$23 085
Renter-occupied housing units	19 197	24 232	6 106	14 092	21 155	2 752	6 213	1 885	1 018	11 268	3 395	3 746
Median income	\$9 775	\$9 903	\$9 603	\$9 888	\$11 846	\$16 029	\$8 464	\$7 247	\$15 125	\$10 900	\$14 394	\$14 366
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	3 165	2 665	838	878	1 466	639	896	458	276	1 253	224	761
Percent below poverty level	8.2	6.5	9.4	6.1	5.2	2.1	9.9	14.2	4.1	8.7	2.3	5.3
Complete plumbing for exclusive use	3 161	2 633	820	878	1 460	639	884	458	276	1 246	217	755
1.01 or more persons per room	160	129	38	43	6	—	58	37	—	110	7	54
Locking complete plumbing for exclusive use	4	32	18	—	—	—	12	—	—	7	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	6 371	6 055	1 667	4 234	5 128	271	1 968	787	157	3 630	370	555
Percent below poverty level	33.2	25.0	27.3	30.0	24.2	9.8	31.7	41.8	15.4	32.2	10.9	14.8
Complete plumbing for exclusive use	6 060	5 801	1 617	4 062	4 920	271	1 913	779	149	3 528	370	555
1.01 or more persons per room	461	219	66	186	262	7	106	73	24	301	19	29
Locking complete plumbing for exclusive use	311	254	50	172	208	—	55	8	—	102	—	—
1.01 or more persons per room	23	31	—	15	8	—	—	—	—	28	—	—

Table 75. Fuels and Financial Characteristics for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Places—Con.										
	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Occupied housing units	28 177	27 369	26 799	29 670	33 911	24 534	22 945	53 500	22 481	29 048	21 994
HOUSE HEATING FUEL											
Utility gas	25 192	24 171	24 221	24 977	32 309	23 285	21 013	50 418	19 045	26 007	20 632
Bottled, tank, or LP gas	148	137	54	412	93	91	101	175	80	99	67
Electricity	855	1 696	856	2 679	812	758	989	1 203	1 180	1 745	736
Fuel oil, kerosene, etc	1 920	1 214	1 644	1 539	654	333	806	1 582	2 076	1 086	461
Coal or coke	5	42	5	13	10	6	2	14	—	—	—
Wood	10	33	6	27	16	24	23	21	86	45	34
Other fuel	41	64	13	23	17	37	5	87	—	48	64
No fuel used	6	12	—	—	—	—	6	—	14	18	—
WATER HEATING FUEL											
Utility gas	24 940	24 313	24 221	22 556	31 071	21 907	19 358	48 521	15 373	24 962	20 269
Bottled, tank, or LP gas	177	473	163	528	196	190	168	335	149	221	146
Electricity	2 923	2 411	2 350	6 430	2 561	2 366	3 324	4 498	6 894	3 759	1 554
Fuel oil, kerosene, etc	95	94	52	136	63	10	89	64	56	35	25
Other	18	20	13	6	15	37	—	46	—	44	—
No fuel used	24	58	—	14	5	24	6	36	9	27	—
COOKING FUEL											
Utility gas	10 766	19 047	11 857	4 915	18 984	16 547	6 615	31 053	5 659	14 522	16 767
Bottled, tank, or LP gas	62	116	67	543	79	73	43	323	59	222	90
Electricity	17 302	8 137	14 857	24 199	14 827	7 908	16 267	22 056	16 731	14 267	5 115
Other	19	12	11	7	15	6	8	5	—	24	6
No fuel used	28	57	7	6	6	—	12	63	32	13	16
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	17 801	16 124	20 625	14 678	23 687	15 847	14 449	38 398	15 607	17 239	13 906
With a mortgage	11 987	8 793	13 506	11 514	20 538	12 488	12 270	27 311	11 213	14 487	9 085
Less than \$100	—	28	—	—	9	11	—	50	13	—	—
\$100 to \$149	—	160	23	39	24	31	22	135	15	105	124
\$150 to \$199	104	533	144	41	65	201	51	541	160	119	441
\$200 to \$249	853	1 527	985	179	182	1 392	122	2 501	553	1 124	1 892
\$250 to \$299	1 831	2 029	2 754	522	1 157	2 525	279	6 460	1 438	2 666	2 121
\$300 to \$349	2 548	1 881	2 896	891	2 105	2 683	620	6 017	2 133	2 961	1 704
\$350 to \$399	2 161	1 118	2 172	1 364	3 013	2 241	952	4 312	1 895	2 743	1 071
\$400 to \$449	1 453	656	1 555	1 579	3 396	1 366	1 157	2 539	1 475	2 006	690
\$450 to \$499	1 106	404	1 089	1 411	3 095	824	1 400	1 609	1 011	1 051	383
\$500 to \$599	1 189	307	2 029	4 135	813	2 818	1 912	1 227	1 098	443	443
\$600 to \$749	532	117	568	1 873	2 457	314	2 562	998	884	515	179
\$750 or more	210	33	283	1 586	900	87	2 287	237	409	99	37
Median	\$365	\$303	\$349	\$490	\$455	\$339	\$555	\$333	\$384	\$355	\$299
Not mortgaged	5 814	7 331	7 119	3 164	3 149	3 359	2 179	11 087	4 394	2 752	4 821
Less than \$50	—	38	—	7	6	13	—	—	12	—	—
\$50 to \$74	—	141	19	—	—	5	—	40	11	24	102
\$75 to \$99	16	580	37	21	40	122	12	337	89	88	517
\$100 to \$149	1 061	3 006	910	370	197	818	279	2 727	1 097	621	2 762
\$150 to \$199	2 609	2 359	3 364	722	702	1 343	566	4 310	1 771	1 258	1 222
\$200 to \$249	1 467	860	1 840	760	1 314	693	592	2 876	992	561	157
\$250 or more	661	347	949	1 284	890	365	730	797	422	200	61
Median	\$185	\$149	\$189	\$230	\$224	\$177	\$220	\$179	\$177	\$173	\$132
GROSS RENT											
Specified renter-occupied housing units	7 955	9 570	3 926	11 944	6 154	6 780	6 142	9 592	5 426	9 699	6 330
Less than \$50	21	108	5	13	—	68	—	6	16	33	35
\$50 to \$59	—	199	45	12	—	75	12	4	16	53	65
\$60 to \$79	32	279	41	83	13	281	93	3	67	248	69
\$80 to \$99	56	176	34	38	53	272	79	32	71	128	33
\$100 to \$119	116	284	25	16	95	120	30	32	27	121	75
\$120 to \$149	153	507	36	63	92	114	98	54	74	260	168
\$150 to \$169	113	554	34	112	63	112	139	208	44	173	155
\$170 to \$199	311	996	108	91	112	148	83	340	124	222	663
\$200 to \$249	1 235	2 632	560	185	496	1 026	110	1 480	610	1 005	2 460
\$250 to \$299	2 179	1 850	987	836	1 843	1 238	517	2 977	1 136	2 636	1 384
\$300 to \$349	2 067	985	660	2 264	2 092	1 583	1 413	2 277	1 430	2 942	676
\$350 to \$399	771	465	404	2 200	566	969	1 626	1 032	971	1 108	271
\$400 to \$499	526	233	458	3 737	314	570	1 460	541	527	493	100
\$500 or more	158	34	310	2 132	302	30	352	161	196	134	11
No cash rent	217	268	219	162	113	174	130	445	117	143	165
Median	\$292	\$227	\$299	\$399	\$306	\$294	\$363	\$290	\$316	\$298	\$236
HOUSEHOLD INCOME IN 1979											
Occupied housing units	28 177	27 369	26 799	29 670	33 911	24 534	22 945	53 500	22 481	29 048	21 994
Median income	\$22 278	\$14 564	\$24 445	\$26 408	\$27 550	\$22 227	\$30 986	\$23 863	\$23 500	\$22 673	\$18 552
Owner-occupied housing units	20 162	17 531	22 826	17 412	27 679	17 364	16 686	43 755	16 933	19 173	15 615
Median income	\$25 657	\$18 781	\$25 809	\$32 325	\$29 892	\$24 936	\$34 511	\$26 021	\$26 202	\$25 839	\$20 531
Renter-occupied housing units	8 015	9 838	3 973	12 258	6 232	7 170	6 259	9 745	5 548	9 875	6 379
Median income	\$14 944	\$7 868	\$13 836	\$19 374	\$17 923	\$15 306	\$21 374	\$16 061	\$16 425	\$16 653	\$14 300
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	669	1 795	837	466	692	974	361	1 931	587	740	751
Percent below poverty level	3.3	10.2	3.7	2.7	2.5	5.6	2.2	4.4	3.5	3.9	4.8
Complete plumbing for exclusive use	664	1 775	824	466	687	974	361	1 919	580	734	747
1.01 or more persons per room	11	119	14	34	22	64	5	60	7	25	24
Lacking complete plumbing for exclusive use	5	20	13	—	5	—	—	12	7	6	4
1.01 or more persons per room	—	6	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	698	3 897	449	766	539	1 348	334	1 088	592	1 054	743
Percent below poverty level	8.7	39.6	11.3	6.2	8.6	18.8	5.3	11.2	10.7	10.7	11.6
Complete plumbing for exclusive use	696	3 806	444	754	539	1 322	334	1 067	567	1 042	724
1.01 or more persons per room	6	282	17	11	—	41	—	70	42	51	32
Lacking complete plumbing for exclusive use	2	91	5	12	—	26	—	21	25	12	19
1.01 or more persons per room	—	9	—	—	—	—	—	—	—	—	—

Table 75a. **Fuels and Financial Characteristics for Towns/Townships: 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]

	Clinton township, Macomb County	Redford township	Waterford township
Towns/Townships of 50,000 or More			
Occupied housing units	23 908	20 025	22 542
HOUSE HEATING FUEL			
Utility gas	21 691	19 125	19 094
Bottled, tank, or LP gas	106	36	80
Electricity	1 182	118	1 183
Fuel oil, kerosene, etc	832	724	2 085
Coal or coke	5	—	—
Wood	25	8	86
Other fuel	67	14	—
No fuel used	—	—	14
WATER HEATING FUEL			
Utility gas	20 295	18 865	15 404
Bottled, tank, or LP gas	146	113	149
Electricity	3 401	1 047	6 922
Fuel oil, kerosene, etc	29	—	58
Other	37	—	—
No fuel used	—	—	9
COOKING FUEL			
Utility gas	10 869	10 198	5 664
Bottled, tank, or LP gas	80	127	59
Electricity	12 938	9 700	16 787
Other	9	—	—
No fuel used	12	—	32
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	13 932	17 405	15 654
With a mortgage	11 265	11 077	11 251
Less than \$100	12	29	13
\$100 to \$149	14	98	17
\$150 to \$199	75	281	160
\$200 to \$249	390	1 695	553
\$250 to \$299	1 156	2 425	1 441
\$300 to \$349	1 383	2 098	2 133
\$350 to \$399	1 550	1 629	1 895
\$400 to \$449	1 569	900	1 478
\$450 to \$499	1 331	766	1 013
\$500 to \$599	1 693	751	1 229
\$600 to \$749	1 423	286	890
\$750 or more	669	119	429
Median	\$434	\$324	\$385
Not mortgaged	2 667	6 328	4 403
Less than \$50	—	—	12
\$50 to \$74	14	28	11
\$75 to \$99	24	153	89
\$100 to \$149	306	2 266	1 097
\$150 to \$199	847	2 680	1 771
\$200 to \$249	678	898	992
\$250 or more	798	303	431
Median	\$211	\$162	\$177
GROSS RENT			
Specified renter-occupied housing units	6 199	1 439	5 431
Less than \$50	29	—	16
\$50 to \$59	21	—	16
\$60 to \$79	89	—	67
\$80 to \$99	142	8	71
\$100 to \$119	72	—	27
\$120 to \$149	146	28	74
\$150 to \$169	20	36	44
\$170 to \$199	239	38	124
\$200 to \$249	870	188	610
\$250 to \$299	2 012	542	1 136
\$300 to \$349	1 571	228	1 430
\$350 to \$399	432	102	971
\$400 to \$499	291	114	527
\$500 or more	138	53	199
No cash rent	127	102	119
Median	\$288	\$285	\$316
HOUSEHOLD INCOME IN 1979			
Occupied housing units	23 908	20 025	22 542
Median income	\$24 240	\$24 497	\$23 535
Owner-occupied housing units	17 409	18 564	16 986
Median income	\$27 758	\$25 191	\$26 237
Renter-occupied housing units	6 499	1 461	5 556
Median income	\$15 117	\$16 859	\$16 434
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	453	568	587
Percent below poverty level	2.6	3.1	3.5
Complete plumbing for exclusive use	439	568	580
1.01 or more persons per room	38	—	7
Lacking complete plumbing for exclusive use	14	—	7
1.01 or more persons per room	—	—	—
Renter-occupied housing units	892	171	592
Percent below poverty level	13.7	11.7	10.7
Complete plumbing for exclusive use	881	171	567
1.01 or more persons per room	15	5	42
Lacking complete plumbing for exclusive use	11	—	25
1.01 or more persons per room	—	—	—

Table 76. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 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]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's										
	Detroit—Ann Arbor, Mich.	Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo— Portage, Mich.	Lansing—East Lansing, Mich.
Occupied housing units	1 276 324	81 501	61 227	40 454	52 410	1 194 823	151 156	192 881	48 066	90 701	148 451
YEAR STRUCTURE BUILT											
1979 to March 1980	28 735	1 979	1 141	735	801	26 756	3 615	6 548	836	2 329	4 448
1975 to 1978	94 500	6 206	3 546	3 334	3 347	88 294	11 040	18 937	3 657	8 618	13 633
1970 to 1974	154 042	12 684	6 200	4 858	5 889	141 358	21 745	24 793	5 475	11 589	20 729
1960 to 1969	260 603	21 104	9 920	6 228	10 300	239 499	31 530	35 459	7 446	17 502	29 446
1950 to 1959	311 321	14 174	10 348	6 595	9 768	297 147	29 347	33 363	7 305	15 364	22 812
1940 to 1949	183 706	7 412	7 227	5 022	6 649	176 294	17 401	20 456	5 350	9 355	13 635
1939 or earlier	243 417	17 942	22 845	13 682	15 656	225 475	36 478	53 325	17 997	25 944	43 748
BEDROOMS											
None	13 216	1 753	648	309	564	11 463	1 000	1 572	434	995	1 564
1	137 814	14 505	6 316	4 015	4 941	123 309	13 799	18 784	5 191	11 288	18 548
2	359 027	24 448	19 634	12 118	17 323	334 579	47 589	57 036	14 891	28 956	45 101
3	572 006	27 641	24 891	17 604	21 537	544 365	67 128	81 537	20 029	35 000	57 746
4	165 470	10 678	7 972	5 342	6 448	154 792	18 262	28 841	6 144	12 052	20 534
5 or more	28 791	2 476	1 766	1 066	1 597	26 315	3 378	5 111	1 377	2 410	4 958
UNITS IN STRUCTURE											
1, detached	932 642	45 750	48 577	31 711	40 768	886 892	117 784	142 692	37 355	64 246	103 170
1, attached	39 256	3 981	510	569	655	35 275	2 150	3 247	556	1 535	3 751
2	56 211	3 842	2 619	1 747	2 894	52 369	5 140	13 357	2 365	4 258	6 877
3 and 4	34 623	3 774	1 898	1 395	1 623	30 849	4 215	6 208	1 660	3 335	4 270
5 to 9	64 125	8 715	1 139	1 017	1 070	55 410	3 663	5 220	7 751	3 228	4 930
10 to 49	79 146	11 141	2 587	1 142	2 236	68 005	7 110	10 939	1 850	8 005	15 541
50 or more	37 369	2 673	652	854	852	34 696	2 370	3 092	871	1 356	3 062
Mobile home or trailer, etc.	32 952	1 625	3 245	2 019	2 312	31 327	8 724	8 126	2 658	4 738	6 850
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	313 652	34 754	12 588	7 764	12 388	278 898	31 224	44 469	10 651	25 579	44 785
1, mobile home or trailer, etc.	83 706	6 818	4 810	2 579	5 081	76 888	11 925	11 371	4 112	7 469	13 231
Median gross rent	\$308	\$359	\$251	\$266	\$253	\$305	\$264	\$269	\$269	\$285	\$285
2 or more	229 946	27 936	7 778	5 185	7 307	202 010	19 299	33 098	6 539	18 110	31 554
Median gross rent	\$275	\$296	\$211	\$212	\$227	\$272	\$246	\$223	\$217	\$228	\$244
BATHROOMS											
No bathroom or only a half bath ..	13 118	1 308	1 313	810	758	11 810	1 861	2 220	898	1 412	2 321
1 complete bathroom	716 394	48 174	41 921	26 292	32 860	668 220	96 276	109 984	32 876	57 456	92 721
1 complete bathroom plus half bath(s) ..	309 768	15 885	9 730	8 217	10 008	293 883	32 950	49 629	7 543	16 873	30 208
2 or more complete bathrooms	237 044	16 134	8 263	5 135	8 784	220 910	20 069	31 048	6 749	14 960	23 201
SOURCE OF WATER											
Public system or private company	1 119 075	64 617	30 093	33 273	27 408	1 054 458	84 707	137 511	21 268	55 215	102 838
Individual drilled well	145 526	15 899	29 807	6 412	23 754	129 627	63 688	51 940	25 246	33 822	43 753
Individual dug well	10 394	929	1 228	581	1 143	9 465	2 570	3 229	1 418	1 619	1 704
Some other source	1 329	56	99	188	105	1 273	191	201	134	45	156
HEATING EQUIPMENT											
Steam or hot water system	170 779	14 130	5 031	6 131	4 718	156 649	14 262	20 283	4 773	10 409	16 738
Central warm-air furnace	1 002 884	60 506	46 043	28 655	34 060	942 378	120 301	155 819	36 919	66 649	109 507
Electric heat pump	6 325	781	385	220	1 215	5 544	751	675	387	787	1 614
Other built-in electric units	26 737	2 535	1 864	783	6 531	24 202	2 976	2 570	1 356	3 329	6 336
Floor, wall, or pipeless furnace	21 282	1 032	1 429	1 295	1 097	20 250	4 079	2 767	1 022	1 887	3 593
Room heaters with flue	33 925	1 587	3 640	2 098	2 991	32 338	5 883	6 391	2 112	4 188	5 987
Room heaters without flue	6 001	296	613	450	591	5 705	1 009	1 255	369	973	1 163
Fireplaces, stoves, or portable room heaters ..	8 147	628	2 212	807	1 173	7 519	1 841	3 091	1 119	2 417	3 482
None	244	6	10	15	34	238	54	30	9	62	31
SELECTED CHARACTERISTICS											
No telephone	32 612	1 620	2 311	1 419	2 224	30 992	5 329	4 781	1 974	3 259	4 611
No complete kitchen facilities	10 443	731	611	415	587	9 712	1 304	1 399	375	948	1 323
Lacking air conditioning	653 488	42 393	43 817	29 414	28 030	611 095	102 363	134 025	34 949	57 068	95 207
Lacking public sewer	178 648	16 690	36 441	15 645	20 859	161 958	35 193	61 774	20 309	48 398	41 066
No vehicle available	95 340	5 068	4 366	3 139	3 829	90 272	9 182	11 799	3 456	6 066	9 233
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	953 773	45 484	47 593	32 332	38 850	908 289	118 522	146 652	36 739	63 676	101 195
1979 to March 1980	99 523	5 769	4 989	2 976	3 865	93 754	13 386	18 018	4 125	7 862	12 815
1975 to 1978	245 368	13 194	12 151	8 058	9 066	232 174	30 008	39 313	9 036	17 337	27 192
1970 to 1974	168 275	8 242	8 328	5 300	6 955	160 033	22 198	25 166	6 491	11 299	18 016
1960 to 1969	209 868	9 230	10 348	6 268	8 805	200 638	26 785	31 396	7 949	13 047	21 519
1950 to 1959	147 164	5 589	6 442	4 734	5 426	141 575	14 977	19 220	4 770	8 078	11 474
1949 or earlier	83 575	3 460	5 335	4 996	4 733	80 115	11 168	13 539	4 368	6 053	10 179
Renter-occupied housing units	322 551	36 017	13 634	8 122	13 560	286 534	32 634	46 229	11 327	27 025	47 256
1979 to March 1980	135 930	19 986	6 770	3 785	6 403	115 944	16 055	23 822	5 398	14 845	25 091
1975 to 1978	116 576	12 101	4 520	2 738	4 285	104 475	11 196	14 753	3 849	8 346	15 720
1970 to 1974	38 418	2 308	1 210	845	1 488	36 110	3 106	4 161	1 142	2 123	3 756
1960 to 1969	20 924	1 151	664	463	826	19 773	1 419	1 931	594	1 073	1 703
1959 or earlier	10 703	471	470	291	558	10 232	858	1 562	344	638	986
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	236 685	9 287	13 067	8 492	11 656	227 398	25 599	35 851	9 570	16 410	23 674
Owner-occupied housing units	177 015	6 864	10 993	6 944	9 256	170 151	21 018	28 423	7 507	12 706	18 461
Lacking complete plumbing for exclusive use ..	2 344	158	329	175	199	2 186	330	436	154	242	424
No complete kitchen facilities	2 160	54	166	80	146	2 106	247	283	96	196	225
No vehicle available	58 749	1 731	2 515	2 025	2 515	57 018	5 126	7 402	2 017	3 303	4 896
No telephone	5 394	122	286	232	362	5 272	561	654	166	377	447
Lacking central heating system	11 074	352	1 376	896	1 118	10 722	1 642	2 133	747	1 566	1 980
Lacking air conditioning	125 584	5 469	9 484	6 151	6 716	120 115	17 010	25 082	6 625	10 248	15 531

Table 76. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegon—Norton Shores—Muskegon Heights, Mich.	Saginaw, Mich.	Toledo, Ohio—Mich.			Ann Arbor, Mich.	Battle Creek, Mich.	Boj City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
Occupied housing units	55 353	62 895	250 805	42 094	208 711	64 964	25 585	27 450	16 052	1 024 132	91 520
YEAR STRUCTURE BUILT											
1979 to March 1980	1 407	1 542	5 456	1 128	4 328	1 446	127	396	228	18 834	1 808
1975 to 1978	3 799	5 119	18 981	3 735	15 246	4 515	831	1 511	1 025	65 050	4 698
1970 to 1974	6 222	8 680	28 893	6 012	22 881	11 957	1 908	2 766	1 754	108 490	11 411
1960 to 1969	9 155	12 859	40 880	6 215	34 665	18 271	4 020	3 736	3 758	212 242	20 370
1950 to 1959	10 296	10 355	43 939	7 458	36 481	11 551	5 502	4 601	3 397	274 351	20 401
1940 to 1949	8 692	6 614	28 464	5 011	23 453	5 688	3 883	3 609	1 883	160 255	12 109
1939 or earlier	15 782	17 726	84 192	12 535	71 657	11 536	9 314	10 831	4 007	184 910	20 723
BEDROOMS											
None	400	521	2 354	215	2 139	1 709	400	253	240	10 579	791
1	5 335	5 165	26 460	3 517	22 943	13 963	3 627	3 322	1 819	110 703	9 997
2	19 185	18 704	76 757	11 875	64 882	21 467	8 797	8 541	5 292	287 577	32 831
3	22 740	28 996	108 254	19 635	88 619	19 288	9 601	10 963	6 471	466 084	36 730
4	6 482	8 064	31 084	5 639	25 445	7 116	2 756	3 688	1 896	128 410	9 675
5 or more	1 211	1 445	5 896	1 213	4 683	1 421	404	683	334	20 779	1 496
UNITS IN STRUCTURE											
1, detached	44 790	49 851	183 370	33 276	150 094	29 435	19 270	20 582	11 566	752 272	67 905
1, attached	455	972	2 948	396	2 552	3 780	245	445	254	33 307	1 652
2	2 152	2 733	14 192	1 853	12 339	2 635	1 312	1 593	1 118	46 686	3 121
3 and 4	1 324	1 568	7 967	887	7 080	3 181	1 228	1 244	508	27 208	2 763
5 to 9	889	1 743	8 000	836	7 164	8 436	651	894	299	51 783	2 715
10 to 49	1 791	2 694	16 678	1 404	15 274	12 117	1 774	925	972	61 799	6 005
50 or more	1 100	1 060	5 727	803	4 924	2 796	438	854	487	33 627	2 115
Mobile home or trailer, etc.	2 852	2 274	11 923	2 639	9 284	2 584	667	913	848	17 450	5 244
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	11 210	13 082	65 492	7 993	57 499	33 014	7 119	6 454	4 574	251 231	23 241
1, mobile home or trailer, etc.	4 886	4 421	18 818	3 076	15 742	5 552	2 177	1 724	1 600	65 562	8 437
Median gross rent	\$232	\$273	\$270	\$286	\$266	\$361	\$269	\$269	\$306	\$274	\$274
2 or more	6 324	8 661	46 674	4 917	41 757	27 462	4 942	4 730	2 974	185 669	14 804
Median gross rent	\$195	\$250	\$238	\$238	\$238	\$302	\$208	\$210	\$230	\$272	\$249
BATHROOMS											
No bathroom or only a half bath	856	747	3 745	915	2 830	988	501	526	193	9 452	1 086
1 complete bathroom	38 984	38 393	162 711	26 743	135 968	40 902	18 075	18 261	9 398	571 852	61 218
1 complete bathroom plus half bath(s)	8 760	14 466	47 379	8 385	38 994	11 876	3 956	5 410	3 569	257 885	18 494
2 or more complete bathrooms	6 753	9 289	36 970	6 051	30 919	11 198	3 053	3 253	2 892	184 943	10 722
SOURCE OF WATER											
Public system or private company	30 449	49 146	201 478	25 729	175 749	63 387	19 486	27 164	11 106	976 098	65 853
Individual drilled well	23 057	12 238	41 701	14 157	27 544	1 410	5 769	253	4 682	43 956	24 724
Individual dug well	1 770	1 203	5 068	1 557	3 511	141	307	21	243	3 610	880
Some other source	77	308	2 558	651	1 907	26	23	12	21	468	63
HEATING EQUIPMENT											
Steam or hot water system	5 216	8 146	28 238	5 073	23 165	11 471	2 300	4 424	1 753	131 191	8 074
Central warm-air furnace	39 369	45 625	171 193	29 945	141 248	48 517	20 672	19 912	11 574	827 504	74 565
Electric heat pump	177	338	8 007	381	7 626	498	192	154	345	3 982	475
Other built-in electric units	1 426	1 658	17 309	1 670	15 639	2 416	554	360	1 293	15 540	1 641
Floor, wall, or pipeless furnace	2 575	1 752	7 040	1 280	5 760	7 212	446	896	261	15 487	2 389
Room heaters with flue	3 868	3 428	14 075	2 442	11 633	1 010	1 116	1 297	606	23 930	3 248
Room heaters without flue	662	646	1 864	437	1 427	2 115	171	272	142	4 071	620
Fireplaces, stoves, or portable room heaters	2 038	1 281	3 016	853	2 163	109	127	128	78	2 220	481
None	22	21	63	13	50	6	7	7	-	207	27
SELECTED CHARACTERISTICS											
No telephone	2 521	1 613	11 353	1 593	9 760	1 441	860	924	649	25 023	3 323
No complete kitchen facilities	435	572	2 836	545	2 291	619	208	266	205	8 273	783
Lacking air conditioning	47 310	41 710	126 447	25 876	100 571	29 399	16 020	18 776	7 477	484 377	57 000
Lacking public sewer	27 915	17 914	57 980	17 861	40 119	2 349	11 413	5 295	3 068	63 018	3 396
No vehicle available	3 631	3 796	19 547	2 190	17 357	4 693	2 563	2 600	1 262	83 545	6 874
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	43 389	49 074	182 108	33 334	148 774	31 435	18 329	20 868	11 377	768 324	67 947
1979 to March 1980	4 518	4 692	18 151	3 495	14 656	4 076	1 796	1 729	1 192	74 513	7 454
1975 to 1978	9 864	11 798	42 727	8 641	34 086	9 427	4 458	4 984	2 595	187 177	15 860
1970 to 1974	7 640	8 961	30 450	6 128	24 322	5 917	2 919	3 119	2 066	130 611	11 772
1960 to 1969	9 502	11 318	39 581	6 912	32 669	6 134	4 186	4 134	2 640	176 829	16 069
1950 to 1959	6 426	6 428	27 768	4 287	23 481	3 916	2 941	3 398	1 741	129 316	9 666
1949 or earlier	5 439	5 877	23 431	3 871	19 560	1 965	2 029	3 504	1 143	69 878	7 126
Renter-occupied housing units	11 964	13 821	68 697	8 760	59 937	33 529	7 256	6 582	4 675	255 808	23 573
1979 to March 1980	5 491	6 512	31 318	3 467	27 851	19 152	3 588	3 063	2 198	101 595	11 750
1975 to 1978	4 067	4 574	23 352	3 444	19 908	11 358	2 457	2 191	1 501	93 682	7 976
1970 to 1974	1 373	1 552	7 115	953	6 162	1 956	681	761	560	33 160	2 342
1960 to 1969	572	671	4 387	519	3 868	791	353	393	268	18 237	971
1959 or earlier	461	512	2 525	377	2 148	272	177	174	148	9 134	534
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	12 204	12 343	52 541	6 850	45 691	6 510	5 735	6 412	3 816	201 454	17 115
Owner-occupied housing units	9 947	9 880	40 528	5 511	35 017	4 468	4 627	5 057	2 838	148 400	13 793
Lacking complete plumbing for exclusive use	176	165	942	257	685	45	109	122	30	1 655	175
No complete kitchen facilities	103	153	783	153	630	23	43	38	47	1 715	146
No vehicle available	2 274	2 459	12 462	1 348	11 114	1 439	1 411	1 709	834	52 813	3 755
No telephone	396	299	1 461	221	1 240	96	109	126	135	4 467	290
Lacking central heating system	1 483	1 257	4 551	628	3 923	3 170	354	497	208	7 770	859
Lacking air conditioning	10 280	8 006	28 341	4 400	23 941	3 768	3 668	4 366	1 986	100 667	10 696

Table 76. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.

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

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's

	Urbanized areas—Con.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon— Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
	120 795	25 567	50 419	80 083	31 909	20 557	38 099	74 037	65 774	8 263
Occupied housing units										
YEAR STRUCTURE BUILT										
1979 to March 1980	3 376	95	1 081	2 267	724	347	698	1 360	1 276	84
1975 to 1978	10 335	1 132	3 756	6 840	1 539	1 376	2 277	4 256	3 917	339
1970 to 1974	13 693	1 713	5 643	10 839	2 729	1 822	4 245	6 551	5 741	810
1960 to 1969	22 869	3 184	10 560	18 648	5 309	2 796	8 038	10 680	9 383	1 297
1950 to 1959	23 152	3 989	10 174	15 761	6 616	3 182	6 668	14 863	13 093	1 770
1940 to 1949	13 542	3 499	5 909	8 856	5 724	3 143	4 290	11 674	10 415	1 259
1939 or earlier	33 828	11 955	13 296	16 872	9 268	7 891	11 883	24 653	21 949	2 704
BEDROOMS										
None	1 234	385	775	1 190	297	281	332	745	642	103
1	14 242	3 701	7 829	13 886	3 932	2 451	4 025	9 259	8 234	1 025
2	36 729	8 244	16 619	27 251	11 333	6 600	12 277	25 942	23 141	2 801
3	49 707	9 979	18 028	26 572	12 461	8 459	16 185	27 789	24 386	3 403
4	16 214	2 779	6 092	9 335	3 375	2 386	4 574	8 666	7 866	800
5 or more	2 669	479	1 076	1 849	511	380	706	1 636	1 505	131
UNITS IN STRUCTURE										
1, detached	83 481	18 989	32 311	47 640	24 739	15 022	28 558	56 857	50 483	6 374
1, attached	2 587	328	1 235	3 245	370	271	774	1 455	1 404	51
2	9 973	1 699	2 871	4 128	1 633	1 681	2 270	2 625	2 285	340
3 and 4	4 787	1 368	2 465	2 767	895	1 125	1 203	2 555	2 216	339
5 to 9	4 189	481	2 402	3 861	699	1 041	1 344	3 436	3 112	324
10 to 49	9 585	1 627	6 957	13 470	1 719	890	2 408	3 789	3 429	360
50 or more	2 757	703	1 066	2 736	1 100	379	1 042	1 703	1 531	172
Mobile home or trailer, etc.	3 436	372	1 112	2 236	715	490	500	1 617	1 314	303
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	34 096	7 712	18 755	33 635	8 333	5 908	10 342	19 058	16 974	2 084
1, mobile home or trailer, etc.	7 040	2 429	4 165	8 455	2 858	1 853	2 919	6 436	5 680	756
Median gross rent	\$263	\$264	\$288	\$295	\$231	\$296	\$277	\$245	\$245	\$250
2 or more	27 056	5 283	14 590	25 180	5 475	4 055	7 423	12 622	11 294	1 328
Median gross rent	\$222	\$219	\$233	\$250	\$193	\$229	\$253	\$214	\$215	\$205
BATHROOMS										
No bathroom or only a half bath	1 312	567	704	1 085	352	374	323	877	723	154
1 complete bathroom	69 740	18 754	32 086	49 819	22 747	13 869	23 675	49 239	43 417	5 822
1 complete bathroom plus half bath(s)	32 657	3 890	10 073	16 918	5 087	3 873	8 612	13 464	12 075	1 389
2 or more complete bathrooms	17 086	2 356	7 556	12 261	3 723	2 441	5 489	10 457	9 559	898
SOURCE OF WATER										
Public system or private company	109 602	17 986	43 030	75 040	25 180	19 581	37 713	58 238	52 580	5 658
Individual drilled well	10 673	7 117	6 927	4 831	6 197	752	349	14 915	12 402	2 513
Individual dug well	484	461	460	192	517	193	30	867	775	92
Some other source	36	3	2	20	15	31	7	17	17	—
HEATING EQUIPMENT										
Steam or hot water system	14 031	2 454	6 530	11 217	3 061	3 695	4 959	4 457	3 875	582
Central warm-air furnace	98 778	20 645	39 787	59 426	24 220	13 901	28 345	59 471	53 204	6 267
Electric heat pump	377	241	260	1 119	134	200	189	1 150	1 051	99
Other built-in electric units	1 243	454	859	3 641	733	821	930	4 012	3 479	533
Floor, wall, or pipeless furnace	1 717	480	877	1 745	1 545	724	1 245	1 409	1 187	222
Room heaters with flue	3 404	962	1 459	2 143	1 723	893	1 972	2 728	2 273	455
Room heaters without flue	723	198	380	530	282	204	303	502	447	55
Fireplaces, stoves, or portable room heaters	494	128	254	253	211	119	143	298	248	50
None	28	5	13	9	—	—	13	10	10	—
SELECTED CHARACTERISTICS										
No telephone	2 949	1 142	1 425	2 095	1 404	814	885	2 988	2 714	274
No complete kitchen facilities	917	212	510	658	203	233	285	705	604	101
Lacking air conditioning	76 064	17 451	28 304	42 729	25 862	15 253	22 931	29 917	25 946	3 971
Lacking public sewer	14 399	2 597	18 412	2 275	9 208	1 902	1 004	14 946	13 747	1 199
No vehicle available	9 021	2 661	3 989	6 243	2 653	1 955	3 064	7 421	6 614	807
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	86 175	17 779	31 383	45 915	23 433	14 577	27 624	54 536	48 398	6 138
1979 to March 1980	10 041	1 766	3 909	6 049	2 210	1 534	2 523	5 228	4 593	635
1975 to 1978	21 987	3 694	8 263	12 278	4 804	3 621	6 212	12 710	11 427	1 283
1970 to 1974	13 556	2 646	4 850	7 152	3 635	2 526	4 674	8 284	7 233	1 051
1960 to 1969	19 892	4 089	6 613	10 615	5 523	3 024	6 775	10 974	9 595	1 379
1950 to 1959	12 655	2 803	4 615	5 756	3 972	2 046	4 023	8 278	7 308	970
1949 or earlier	8 044	2 781	3 133	4 065	3 289	1 826	3 417	9 062	8 242	820
Renter-occupied housing units	34 620	7 788	19 036	34 168	8 476	5 980	10 475	19 501	17 376	2 125
1979 to March 1980	17 816	3 830	10 998	18 739	3 913	2 894	5 082	9 257	8 296	961
1975 to 1978	11 262	2 558	5 697	11 336	2 912	1 985	3 388	6 267	5 598	669
1970 to 1974	3 128	743	1 384	2 589	1 034	593	1 224	2 239	1 965	274
1960 to 1969	1 418	417	655	1 138	366	356	504	1 076	943	133
1959 or earlier	996	240	302	366	251	152	277	662	574	88
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	23 613	5 779	8 557	11 706	7 919	4 547	8 465	18 083	16 283	1 800
Owner-occupied housing units	17 808	4 339	6 203	8 479	6 097	3 446	6 523	14 033	12 628	1 405
Lacking complete plumbing for exclusive use	236	71	80	158	41	55	39	191	159	32
No complete kitchen facilities	201	34	44	65	25	102	79	126	99	27
No vehicle available	5 551	1 537	1 922	2 879	1 642	1 041	1 998	4 935	4 430	505
No telephone	423	60	113	188	206	114	146	493	464	29
Lacking central heating system	1 065	326	381	588	598	287	681	1 016	902	114
Lacking air conditioning	15 267	3 773	4 722	6 557	6 286	3 260	5 073	7 750	6 785	965

Table 76. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.			Places								
	Toledo, Ohio—Mich.			Ann Arbor city	Battle Creek city	Boy City city	Benton Harbor city	Dearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city
	Total	Michigan (pt.)	Ohio (pt.)									
Occupied housing units	153 692	4 321	149 371	33 938	10 997	15 020	940	34 567	22 843	174 642	11 579	19 771
YEAR STRUCTURE BUILT												
1979 to March 1980	3 002	66	2 936	533	59	185	—	61	50	328	188	1 336
1975 to 1978	10 069	328	9 741	1 613	213	246	—	487	461	1 019	708	3 080
1970 to 1974	15 186	494	14 692	4 294	588	649	7	1 095	729	2 331	1 096	3 100
1960 to 1969	26 382	1 533	24 849	10 794	792	968	52	1 972	6 264	8 989	3 558	6 332
1950 to 1959	29 612	967	28 645	5 868	1 388	1 986	119	8 669	11 096	30 429	3 025	3 680
1940 to 1949	19 058	393	18 665	3 185	1 582	2 028	155	11 481	2 877	51 962	1 444	1 272
1939 or earlier	50 383	540	49 843	7 651	6 375	8 958	607	10 802	1 366	79 584	1 560	971
BEDROOMS												
None	1 663	6	1 657	1 239	305	167	81	431	18	5 271	242	99
1	18 877	240	18 637	7 774	2 196	2 143	184	3 180	1 355	25 678	3 199	2 798
2	48 187	891	47 296	10 646	3 626	4 495	359	10 677	4 793	64 944	3 679	4 666
3	64 820	2 374	62 446	9 078	3 699	5 319	206	16 133	14 289	62 293	2 527	6 441
4	17 260	718	16 542	4 214	1 026	2 374	98	3 587	2 109	13 061	1 331	5 163
5 or more	2 885	92	2 793	987	145	522	12	559	279	3 395	601	604
UNITS IN STRUCTURE												
1, detached	108 647	3 793	104 854	14 704	7 423	11 321	658	26 249	20 496	115 396	4 434	13 620
1, attached	2 043	13	2 030	2 809	151	133	—	686	138	3 695	484	513
2	9 955	70	9 885	1 947	992	1 441	66	3 981	107	23 102	593	109
3 and 4	5 501	40	5 461	1 912	840	949	30	719	545	4 877	421	392
5 to 9	5 850	66	5 784	5 306	486	333	46	373	578	3 311	421	1 772
10 to 49	13 168	80	13 088	5 403	763	204	16	1 183	376	14 067	4 112	2 242
50 or more	4 399	34	4 365	1 800	342	503	124	1 369	227	9 838	592	561
Mobile home or trailer, etc.	4 129	225	3 904	57	—	136	—	7	376	356	—	562
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	45 603	482	45 121	18 997	4 188	3 911	316	7 919	2 961	59 596	7 334	5 467
1, mobile home or trailer, etc.	10 729	253	10 476	3 507	1 078	1 040	62	1 999	1 252	14 796	937	1 115
Median gross rent	\$268	\$280	\$267	\$399	\$262	\$276	\$224	\$346	\$325	\$270	\$500+	\$324
2 or more	34 874	229	34 645	15 490	3 110	2 871	254	5 920	1 709	44 800	6 397	4 352
Median gross rent	\$237	\$227	\$237	\$306	\$188	\$187	\$140	\$237	\$301	\$198	\$244	\$391
BATHROOMS												
No bathroom or only a half bath	1 679	41	1 638	579	311	405	60	445	31	3 503	144	88
1 complete bathroom	100 920	2 242	98 678	20 290	8 110	10 570	728	19 072	12 687	129 320	6 666	6 612
1 complete bathroom plus half bath(s)	29 892	1 181	28 711	6 261	1 617	2 526	99	9 110	6 813	29 402	2 258	4 177
2 or more complete bathrooms	21 201	857	20 344	6 808	959	1 519	53	5 940	3 312	12 417	2 511	8 894
SOURCE OF WATER												
Public system or private company	147 301	2 275	145 026	33 824	10 861	15 020	917	34 567	22 828	174 588	11 552	17 070
Individual drilled well	5 532	1 931	3 601	102	130	—	23	—	15	23	27	2 462
Individual dug well	672	104	568	7	6	—	—	—	—	6	—	201
Some other source	187	11	176	5	—	—	—	—	—	25	—	38
HEATING EQUIPMENT												
Steam or hot water system	15 689	436	15 253	7 490	969	2 567	176	4 603	1 988	42 058	3 877	2 754
Central warm-air furnace	110 481	3 464	107 017	24 656	8 907	10 603	621	28 919	19 929	117 753	6 447	16 031
Electric heat pump	5 550	6	5 544	176	129	55	21	88	41	582	175	66
Other built-in electric units	9 679	99	9 580	1 035	281	75	16	254	135	1 637	886	285
Floor, wall, or pipeless furnace	3 418	81	3 337	191	126	555	47	264	295	3 819	50	238
Room heaters with flue	7 442	177	7 265	261	468	929	54	349	377	6 860	102	319
Room heaters without flue	798	14	784	63	68	172	—	37	56	1 444	35	53
Fireplaces, stoves, or portable room heaters	597	44	553	62	42	57	5	53	22	437	—	25
None	38	—	38	4	7	7	—	—	—	52	7	—
SELECTED CHARACTERISTICS												
No telephone	6 582	65	6 517	407	629	686	148	623	255	11 658	66	192
No complete kitchen facilities	1 462	23	1 439	392	105	158	78	478	158	3 138	131	77
Lacking air conditioning	68 420	2 407	66 013	16 101	7 549	10 819	594	14 259	9 359	104 031	5 382	7 374
Lacking public sewer	9 674	1 909	7 765	186	433	75	13	66	67	671	24	3 095
No vehicle available	14 800	110	14 690	3 195	1 826	2 002	267	3 487	1 087	37 027	822	492
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	107 542	3 807	103 735	14 566	6 764	11 066	614	26 515	19 833	114 463	4 219	14 165
1979 to March 1980	10 096	364	9 732	1 687	661	828	...	1 527	1 266	8 220	413	2 009
1975 to 1978	23 539	1 013	22 526	4 288	1 548	2 351	...	4 407	3 858	17 069	1 217	4 218
1970 to 1974	17 382	899	16 483	2 657	985	1 435	...	3 570	2 956	15 012	701	2 823
1960 to 1969	24 342	944	23 398	3 136	1 404	1 965	...	5 200	5 808	23 269	971	3 465
1950 to 1959	18 433	398	18 035	1 742	1 067	1 927	...	6 670	4 952	23 546	621	1 251
1949 or earlier	13 750	189	13 561	1 056	1 099	2 560	...	5 141	993	27 347	296	399
Renter-occupied housing units	46 150	514	45 636	19 372	4 233	3 954	326	8 052	3 010	60 179	7 360	5 606
1979 to March 1980	20 953	204	20 749	11 027	2 039	1 829	...	2 738	831	20 505	4 639	2 659
1975 to 1978	15 493	175	15 318	6 557	1 451	1 171	...	3 040	1 170	20 432	2 178	1 978
1970 to 1974	4 919	56	4 863	1 071	458	530	...	1 058	479	8 613	310	692
1960 to 1969	3 307	59	3 248	528	195	267	...	621	435	6 205	189	255
1959 or earlier	1 478	20	1 458	189	90	157	...	595	95	4 424	44	22
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	34 946	590	34 356	3 621	2 997	4 141	447	9 996	4 204	55 906	1 181	2 502
Owner-occupied housing units	25 759	514	25 245	2 455	2 194	3 330	302	8 159	3 386	42 519	825	1 411
Lacking complete plumbing for exclusive use	331	—	331	11	89	90	5	59	—	782	—	5
No complete kitchen facilities	9 371	8	9 363	18	19	19	21	144	5	787	—	—
No vehicle available	9 331	78	9 253	850	994	1 274	175	2 567	846	21 185	132	350
No telephone	8 833	6	8 827	23	86	88	49	201	17	2 599	5	4
Lacking central heating system	2 361	31	2 330	47	199	368	30	146	131	2 834	34	62
Lacking air conditioning	17 282	354	16 928	1 857	2 039	2 954	272	4 494	1 878	35 862	395	742

Table 76. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.

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

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's

	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kalamazoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shores city	Pontiac city	Portage city	Roseville city
Occupied housing units	35 978	55 214	12 781	24 192	41 982	32 148	12 547	2 276	7 492	16 178	12 715	17 833
YEAR STRUCTURE BUILT												
1979 to March 1980	269	647	—	173	779	516	168	17	284	21	537	219
1975 to 1978	352	1 628	55	1 109	1 996	1 730	163	5	615	290	1 718	666
1970 to 1974	1 703	2 417	476	2 015	4 576	2 977	954	46	720	1 570	1 786	1 279
1960 to 1969	4 252	7 151	696	3 555	7 945	11 373	1 091	168	1 732	2 503	4 239	4 282
1950 to 1959	8 732	9 894	1 030	4 165	7 758	11 684	1 552	393	2 204	3 066	2 754	7 672
1940 to 1949	6 503	7 908	1 575	3 320	5 672	2 322	2 351	515	1 093	2 840	804	2 100
1939 or earlier	14 167	25 569	8 949	9 855	13 256	1 546	6 268	1 132	844	5 888	877	1 615
BEDROOMS												
None	553	760	275	578	709	64	192	59	13	519	69	93
1	4 639	7 571	2 305	4 692	6 818	1 493	2 321	350	478	2 889	1 253	1 590
2	14 572	16 986	3 879	8 608	14 712	4 022	4 963	1 004	2 445	6 178	2 981	4 432
3	12 897	21 821	4 674	7 373	14 801	19 624	3 802	658	3 296	5 369	5 672	10 520
4	2 722	6 894	1 345	2 369	4 287	6 126	1 033	173	1 100	999	2 394	1 017
5 or more	595	1 182	303	572	655	819	236	32	160	224	346	181
UNITS IN STRUCTURE												
1, detached	26 978	36 842	8 435	13 303	27 997	29 592	8 258	1 763	6 495	10 230	9 698	14 475
1, attached	711	868	211	692	1 675	347	274	22	31	995	295	574
2	2 447	7 600	1 556	2 246	2 715	90	1 330	154	88	975	224	331
3 and 4	1 386	3 489	1 141	1 876	1 851	152	775	75	14	946	354	292
5 to 9	793	2 132	346	1 619	1 734	895	554	68	34	761	382	922
10 to 49	1 516	2 576	645	3 098	4 167	657	762	76	287	1 388	1 473	814
50 or more	840	1 696	431	831	1 349	411	594	80	43	645	54	262
Mobile home or trailer, etc.	1 307	11	16	527	494	4	—	38	500	238	235	163
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	10 024	18 765	5 000	11 299	16 437	2 623	4 957	760	898	6 603	3 090	3 556
1, mobile home or trailer, etc.	4 090	3 594	1 304	2 444	5 531	1 133	1 368	368	518	2 324	767	1 291
Median gross rent	\$272	\$258	\$266	\$296	\$280	\$377	\$226	\$218	\$233	\$275	\$286	\$281
2 or more	5 934	15 171	3 696	8 855	10 906	1 490	3 589	392	380	4 279	2 323	2 265
Median gross rent	\$208	\$201	\$197	\$219	\$228	\$305	\$180	\$137	\$316	\$223	\$250	\$271
BATHROOMS												
No bathroom or only a half bath	592	903	395	530	700	25	190	74	47	283	70	118
1 complete bathroom	27 354	33 240	9 626	16 063	28 807	10 446	10 196	1 951	4 232	13 427	6 859	12 221
1 complete bathroom plus half bath(s) ..	5 008	14 809	1 801	4 417	8 281	13 106	1 298	132	1 662	1 649	3 120	4 361
2 or more complete bathrooms	3 024	6 262	959	3 182	4 194	8 571	863	119	1 551	819	2 666	1 133
SOURCE OF WATER												
Public system or private company	35 885	54 424	12 683	24 088	41 662	31 884	12 396	2 263	5 302	15 970	8 429	17 748
Individual drilled well	85	742	86	99	289	215	151	13	201	173	4 056	79
Individual dug well	8	48	12	5	25	41	—	—	154	35	230	6
Some other source	—	—	—	—	6	8	—	—	15	—	—	—
HEATING EQUIPMENT												
Steam or hot water system	3 312	6 943	1 477	3 343	4 700	3 091	1 405	179	716	2 322	1 325	2 104
Central warm-air furnace	29 821	44 183	10 147	18 905	32 675	28 143	9 120	1 638	5 898	12 087	10 481	13 828
Electric heat pump	196	96	128	161	382	82	71	30	21	74	30	72
Other built-in electric units	598	420	259	469	1 158	228	335	65	130	238	110	632
Floor, wall, or pipeless furnace	791	754	217	333	1 220	1 178	685	108	335	536	212	438
Room heaters with flue	994	2 135	387	764	1 380	336	768	210	282	785	344	602
Room heaters without flue	139	437	113	155	349	36	105	30	47	103	121	85
Fireplaces, stoves, or portable room heaters	114	239	48	54	116	53	58	16	63	17	87	64
None	13	7	5	8	2	1	—	—	—	16	5	8
SELECTED CHARACTERISTICS												
No telephone	1 942	2 242	926	1 013	1 571	211	797	252	159	1 357	162	273
No complete kitchen facilities	368	525	132	351	378	149	112	48	22	201	78	141
Lacking air conditioning	23 756	38 298	9 202	14 765	24 794	14 408	10 260	1 998	6 214	11 535	6 377	9 368
Lacking public sewer	113	956	101	1 607	518	371	93	35	4 007	369	8 046	70
No vehicle available	4 147	6 524	2 059	2 882	4 295	856	1 699	332	215	2 629	355	1 085
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	25 823	36 243	7 766	12 779	25 244	29 455	7 521	1 503	6 569	9 385	9 527	14 186
1979 to March 1980	2 604	3 860	735	1 625	3 163	2 553	568	140	774	1 095	1 072	1 511
1975 to 1978	5 657	8 083	1 440	3 335	5 895	7 859	1 118	230	1 554	1 856	2 882	3 303
1970 to 1974	3 683	4 939	1 066	1 667	3 665	5 388	988	178	1 133	1 355	1 810	2 382
1960 to 1969	5 280	8 006	1 712	2 303	6 004	8 839	1 657	255	1 516	2 047	2 326	2 867
1950 to 1959	4 521	6 378	1 216	1 971	3 462	4 140	1 446	296	1 038	1 606	1 148	3 269
1949 or earlier	4 078	4 977	1 977	1 878	3 055	676	1 744	404	554	1 426	289	854
Renter-occupied housing units	10 155	18 971	5 015	11 413	16 738	2 693	5 026	773	923	6 793	3 188	3 647
1979 to March 1980	4 888	8 830	2 512	6 548	8 501	998	2 332	352	481	3 261	1 933	1 479
1975 to 1978	3 256	6 249	1 421	3 416	5 741	1 093	1 769	247	301	2 324	951	1 332
1970 to 1974	1 073	2 125	552	784	1 599	339	548	103	101	808	233	484
1960 to 1969	616	1 050	340	437	649	191	224	40	35	254	48	274
1959 or earlier	322	717	190	228	248	72	153	31	5	146	23	78
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	8 910	13 828	3 303	4 875	7 356	4 394	3 675	670	1 472	3 672	1 317	2 657
Owner-occupied housing units	7 284	9 667	2 334	3 381	5 567	3 574	2 644	555	1 344	2 597	998	1 960
Lacking complete plumbing for exclusive use	75	135	46	137	12	25	11	—	—	47	26	18
No complete kitchen facilities	86	118	14	29	41	37	11	—	7	37	15	12
No vehicle available	2 178	3 864	1 098	1 227	2 124	664	994	182	137	1 240	209	688
No telephone	176	339	50	64	158	67	130	19	19	186	28	47
Lacking central heating system	277	627	144	217	409	99	265	48	99	173	67	168
Lacking air conditioning	5 629	9 185	2 239	2 738	4 496	2 018	3 138	602	1 122	2 695	585	1 566

Table 76. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Places—Con.										
	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Occupied housing units	27 912	17 564	26 508	26 767	33 305	23 611	21 970	52 728	21 983	27 869	21 340
YEAR STRUCTURE BUILT											
1979 to March 1980	37	11	90	957	1 206	140	737	611	806	465	600
1975 to 1978	239	130	466	2 710	7 053	786	4 261	1 632	2 363	1 010	2 136
1970 to 1974	1 208	549	1 808	5 253	9 203	4 195	6 066	4 172	2 335	4 147	2 707
1960 to 1969	4 880	1 755	5 097	11 215	12 662	6 681	6 654	25 255	4 546	9 947	3 881
1950 to 1959	10 082	2 639	14 527	4 045	2 124	8 089	2 475	13 004	6 531	8 165	5 407
1940 to 1949	6 134	2 708	2 599	1 720	627	2 393	1 011	4 896	2 910	2 922	2 750
1939 or earlier	5 332	9 772	1 921	867	430	1 327	766	3 158	2 492	1 213	3 859
BEDROOMS											
None	250	264	91	96	40	43	70	194	107	74	108
1	4 288	2 514	2 240	4 633	3 053	1 496	2 364	4 864	2 847	3 990	2 788
2	8 146	5 834	6 261	8 480	5 773	7 415	4 546	12 318	6 308	7 674	7 306
3	12 174	6 693	15 439	8 691	18 641	12 473	8 614	29 469	10 098	13 697	8 591
4	2 707	1 889	2 202	4 382	5 412	1 953	5 797	5 166	2 274	2 185	2 233
5 or more	347	370	275	485	386	231	579	717	349	249	314
UNITS IN STRUCTURE											
1, detached	19 372	13 595	21 990	14 481	24 578	17 818	15 240	41 923	17 249	17 945	15 233
1, attached	929	287	921	1 334	1 093	1 488	1 308	1 486	245	1 595	2 119
2	868	1 602	244	71	60	182	79	747	316	775	1 007
3 and 4	1 064	700	428	699	555	572	1 232	1 327	244	963	541
5 to 9	1 738	364	1 072	3 285	3 884	1 234	2 258	3 111	810	1 990	663
10 to 49	2 933	445	1 395	2 088	876	1 683	969	1 694	2 279	2 945	2 451
50 or more	1 008	571	390	4 319	740	309	631	902	725	1 400	559
Mobile home or trailer, etc.	—	—	68	490	1 519	325	253	1 538	115	256	667
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	7 808	4 960	3 899	10 911	6 029	6 205	5 847	9 237	5 161	9 264	5 983
1, mobile home or trailer, etc.	1 462	1 705	1 277	1 285	1 008	2 546	1 068	3 193	1 313	1 833	1 306
Median gross rent	\$348	\$263	\$349	\$444	\$317	\$307	\$391	\$300	\$347	\$299	\$242
2 or more	6 346	3 255	2 622	9 626	5 021	3 659	4 779	6 044	3 848	7 431	4 677
Median gross rent	\$283	\$203	\$289	\$395	\$305	\$281	\$358	\$288	\$312	\$298	\$236
BATHROOMS											
No bathroom or only a half bath	297	251	119	149	166	142	94	287	203	272	160
1 complete bathroom	17 463	12 869	14 225	9 513	11 852	16 174	7 469	26 176	13 596	18 132	14 970
1 complete bathroom plus half bath(s)	6 954	2 786	8 130	5 475	15 150	5 739	6 539	19 861	5 301	7 546	4 558
2 or more complete bathrooms	3 198	1 658	4 034	11 630	6 137	1 556	7 868	6 404	2 883	1 919	1 652
SOURCE OF WATER											
Public system or private company	27 908	17 561	26 483	26 032	32 789	23 588	21 431	52 642	15 774	27 642	20 221
Individual drilled well	—	—	18	652	344	12	512	86	5 785	176	1 061
Individual dug well	—	3	—	41	161	11	22	—	394	39	54
Some other source	4	—	7	42	11	—	5	—	30	12	4
HEATING EQUIPMENT											
Steam or hot water system	4 863	2 632	2 624	2 399	1 268	2 520	1 895	3 991	2 029	2 423	2 691
Central warm-air furnace	21 623	12 195	22 525	22 856	31 083	19 274	19 169	45 285	17 948	23 106	16 996
Electric heat pump	121	65	74	279	138	46	91	113	188	177	139
Other built-in electric units	493	406	638	581	337	320	277	577	567	915	417
Floor, wall, or pipeless furnace	263	772	205	298	115	621	148	1 095	330	436	420
Room heaters with flue	420	1 213	361	244	266	692	293	1 360	721	656	494
Room heaters without flue	101	192	57	43	54	73	61	223	41	61	115
Fireplaces, stoves, or portable room heaters	22	85	24	67	44	65	30	84	145	77	68
None	6	4	—	—	—	—	6	—	14	18	—
SELECTED CHARACTERISTICS											
No telephone	348	626	128	107	250	500	150	906	307	498	286
No complete kitchen facilities	215	218	127	73	122	120	87	378	130	200	104
Lacking air conditioning	10 903	11 675	11 359	5 329	14 663	11 803	7 685	24 440	13 583	12 048	12 241
Lacking public sewer	49	55	102	1 978	1 768	600	1 213	183	7 566	379	1 841
No vehicle available	1 686	2 299	1 349	1 468	706	1 151	577	2 097	626	1 461	1 130
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	20 054	12 551	22 562	15 582	27 198	17 111	16 006	43 352	16 711	18 438	15 308
1979 to March 1980	1 650	1 010	1 486	1 454	3 266	1 609	2 076	3 530	1 790	1 881	1 771
1975 to 1978	4 938	2 394	4 685	3 903	10 812	3 772	6 453	8 981	4 714	4 926	3 607
1970 to 1974	3 402	1 710	3 782	2 643	6 321	3 439	3 585	7 196	2 758	3 579	2 280
1960 to 1969	4 429	2 848	5 446	5 497	5 855	4 533	2 576	16 485	4 035	4 878	3 463
1950 to 1959	3 771	2 225	6 290	1 514	732	2 859	884	5 280	2 522	2 483	2 679
1949 or earlier	1 864	2 364	873	571	212	899	432	1 880	892	691	1 508
Renter-occupied housing units	7 858	5 013	3 946	11 185	6 107	6 500	5 964	9 376	5 272	9 431	6 032
1979 to March 1980	2 838	2 229	1 030	4 081	2 842	2 961	2 580	3 809	2 901	4 181	3 329
1975 to 1978	3 012	1 600	1 475	3 927	2 544	2 443	2 253	3 752	1 933	3 790	1 981
1970 to 1974	1 247	639	905	2 069	547	766	773	1 102	265	983	461
1960 to 1969	599	329	439	1 055	174	213	322	516	110	395	155
1959 or earlier	162	216	97	53	—	117	36	197	63	82	106
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	6 034	4 933	5 424	7 122	2 895	2 485	2 454	7 732	3 021	3 614	3 521
Owner-occupied housing units	4 300	3 958	4 011	2 617	2 164	1 766	1 350	6 423	2 285	1 701	2 892
Lacking complete plumbing for exclusive use	51	35	17	32	11	13	—	34	—	29	5
No complete kitchen facilities	47	66	17	12	11	12	—	44	—	38	13
No vehicle available	1 162	1 432	1 064	1 300	459	572	510	1 367	412	965	813
No telephone	97	97	25	27	25	32	25	68	—	26	41
Lacking central heating system	134	407	162	105	52	216	74	308	200	170	157
Lacking air conditioning	2 270	3 259	2 287	1 029	1 121	1 476	857	3 434	1 821	1 316	2 286

Table 76a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Towns/Townships: 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]

Towns/Townships of 50,000 or More	Clinton township, Macomb County	Redford township	Waterford township
	Occupied housing units -----	22 916	19 912	22 044
YEAR STRUCTURE BUILT			
1979 to March 1980 -----	1 575	48	806
1975 to 1978 -----	3 862	152	2 365
1970 to 1974 -----	4 883	459	2 335
1960 to 1969 -----	7 099	2 126	4 563
1950 to 1959 -----	3 949	12 601	6 549
1940 to 1949 -----	858	3 396	2 920
1939 or earlier -----	690	1 130	2 506
BEDROOMS			
None -----	166	53	107
1 -----	2 126	760	2 849
2 -----	5 830	4 280	6 316
3 -----	11 596	13 161	10 110
4 -----	2 878	1 410	2 303
5 or more -----	320	248	359
UNITS IN STRUCTURE			
1, detached -----	14 748	18 728	17 307
1, attached -----	2 322	86	245
2 -----	38	71	316
3 and 4 -----	861	101	244
5 to 9 -----	1 677	248	813
10 to 49 -----	2 283	351	2 279
50 or more -----	236	136	725
Mobile home or trailer, etc. -----	751	191	115
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units -----	5 721	1 425	5 166
1, mobile home or trailer, etc. -----	1 578	804	1 318
Median gross rent -----	\$275	\$302	\$348
2 or more -----	4 143	621	3 848
Median gross rent -----	\$289	\$275	\$312
BATHROOMS			
No bathroom or only a half bath -----	170	87	203
1 complete bathroom -----	10 927	10 896	13 606
1 complete bathroom plus half bath(s) -----	7 604	6 206	5 310
2 or more complete bathrooms -----	4 215	2 723	2 925
SOURCE OF WATER			
Public system or private company -----	21 657	19 912	15 784
Individual drilled well -----	1 146	-	5 834
Individual dug well -----	108	-	396
Some other source -----	5	-	30
HEATING EQUIPMENT			
Steam or hot water system -----	1 632	1 088	2 045
Central warm-air furnace -----	20 129	18 209	17 990
Electric heat pump -----	157	26	188
Other built-in electric units -----	439	41	570
Floor, wall, or pipeless furnace -----	175	177	330
Room heaters with flue -----	304	314	721
Room heaters without flue -----	35	25	41
Fireplaces, stoves, or portable room heaters -----	45	32	145
None -----	-	-	14
SELECTED CHARACTERISTICS			
No telephone -----	342	138	307
No complete kitchen facilities -----	147	101	130
Lacking air conditioning -----	10 626	8 869	13 619
Lacking public sewer -----	2 501	86	7 620
No vehicle available -----	858	1 002	626
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units -----	16 962	18 465	16 764
1979 to March 1980 -----	2 896	1 654	1 790
1975 to 1978 -----	5 681	4 154	4 732
1970 to 1974 -----	3 007	2 639	2 764
1960 to 1969 -----	3 621	4 171	4 053
1950 to 1959 -----	1 419	5 094	2 533
1949 or earlier -----	338	753	892
Renter-occupied housing units -----	5 954	1 447	5 280
1979 to March 1980 -----	2 825	380	2 906
1975 to 1978 -----	2 234	601	1 936
1970 to 1974 -----	621	228	265
1960 to 1969 -----	207	139	110
1959 or earlier -----	67	99	63
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units -----	2 338	4 020	3 030
Owner-occupied housing units -----	1 585	3 678	2 294
Lacking complete plumbing for exclusive use -----	13	5	42
No complete kitchen facilities -----	61	14	-
No vehicle available -----	477	716	412
No telephone -----	71	12	19
Lacking central heating system -----	50	101	200
Lacking air conditioning -----	1 081	1 929	1 826

Table 77. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 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]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's										
	Detroit—Ann Arbor, Mich.	Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo— Portage, Mich.	Lansing—East Lansing, Mich.
Occupied housing units	301 481	8 997	4 583	293	7 291	292 484	24 086	9 911	2 377	6 621	7 413
YEAR STRUCTURE BUILT											
1979 to March 1980	1 754	177	48	2	55	1 577	198	141	16	86	173
1975 to 1978	6 031	582	148	23	244	5 449	500	437	87	462	559
1970 to 1974	13 057	2 123	549	77	767	10 934	1 584	564	197	773	1 284
1960 to 1969	26 836	3 149	611	24	1 309	23 687	6 318	906	344	1 164	1 872
1950 to 1959	54 191	1 313	683	42	1 318	52 878	6 404	1 009	182	938	1 179
1940 to 1949	79 167	699	562	32	1 442	78 468	3 647	1 819	336	872	809
1939 or earlier	120 445	954	1 982	93	2 156	119 491	5 435	5 035	1 215	2 326	1 537
BEDROOMS											
None	6 227	252	33	—	198	5 975	228	85	52	133	151
1	45 829	2 033	765	76	1 336	43 796	2 901	1 788	299	1 066	1 448
2	95 254	2 901	1 405	120	2 448	92 353	7 347	2 739	754	2 210	2 423
3	114 436	2 915	1 753	71	2 183	111 521	10 621	3 784	869	2 147	2 267
4	32 051	796	470	20	893	31 255	2 438	1 197	310	855	936
5 or more	7 684	100	157	6	233	7 584	551	318	93	210	188
UNITS IN STRUCTURE											
1, detached	163 032	3 328	2 853	124	4 393	159 704	17 203	5 199	1 550	3 697	3 599
1, attached	13 414	1 274	252	6	457	12 140	978	315	108	226	583
2	51 900	416	375	47	700	51 484	1 585	2 090	296	678	498
3 and 4	14 743	544	372	40	591	14 199	1 119	956	176	510	477
5 to 9	11 524	1 194	260	34	323	10 330	984	401	63	320	431
10 to 49	28 379	1 882	389	35	567	26 697	1 699	650	123	777	1 396
50 or more	18 164	546	57	2	198	17 618	498	272	46	181	403
Mobile home or trailer, etc.	325	13	25	5	62	312	20	28	15	232	26
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	139 577	5 389	2 138	172	3 697	134 188	9 417	5 016	1 025	3 338	4 394
1, mobile home or trailer, etc.	32 813	1 291	812	34	1 588	31 522	4 296	1 145	400	1 102	1 366
Median gross rent	\$275	\$291	\$238	\$302	\$261	\$274	\$292	\$265	\$277	\$265	\$302
2 or more	106 764	4 098	1 326	138	2 109	102 666	5 121	3 871	625	2 236	3 028
Median gross rent	\$207	\$286	\$206	\$224	\$210	\$204	\$228	\$199	\$201	\$225	\$236
BATHROOMS											
No bathroom or only a half bath	7 826	156	84	9	250	7 670	398	293	72	166	158
1 complete bathroom	210 725	5 887	3 488	221	5 478	204 838	16 670	6 122	1 832	4 836	4 856
1 complete bathroom plus half bath(s)	56 573	2 158	622	15	991	54 415	5 092	2 590	332	1 053	1 569
2 or more complete bathrooms	26 357	796	389	48	572	25 561	1 926	906	141	566	830
SOURCE OF WATER											
Public system or private company	300 463	8 811	4 349	293	6 119	291 652	23 461	9 717	2 246	5 244	7 264
Individual drilled well	729	153	182	—	1 050	576	577	186	110	1 219	134
Individual dug well	153	24	46	—	103	129	36	8	21	156	15
Some other source	136	9	6	—	19	127	12	—	—	2	—
HEATING EQUIPMENT											
Steam or hot water system	74 189	1 049	521	25	542	73 140	2 518	1 370	180	655	963
Central warm-air furnace	187 090	6 951	3 394	218	4 306	180 139	17 725	6 920	1 705	4 282	5 047
Electric heat pump	3 178	160	32	10	178	3 018	369	111	27	129	200
Other built-in electric units	7 207	293	45	4	732	6 914	871	174	138	249	405
Floor, wall, or pipeless furnace	9 253	161	162	7	257	9 092	700	390	132	233	172
Room heaters with flue	15 387	267	360	15	995	15 120	1 614	749	153	817	537
Room heaters without flue	3 553	68	48	9	181	3 485	229	157	12	135	60
Fireplaces, stoves, or portable room heaters	1 202	17	21	5	91	1 185	42	34	14	112	18
None	422	31	—	—	9	391	18	6	16	9	11
SELECTED CHARACTERISTICS											
No telephone	23 594	602	419	11	1 075	22 992	1 871	1 294	314	831	608
No complete kitchen facilities	6 398	117	114	5	282	6 281	428	224	50	86	150
Lacking air conditioning	205 784	5 101	3 592	199	5 419	200 683	17 959	7 955	1 830	4 867	4 688
Lacking public sewer	4 849	258	549	7	689	4 591	523	254	118	1 704	148
No vehicle available	90 507	1 616	1 203	67	2 111	88 891	5 064	2 779	506	1 539	1 445
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	157 785	3 291	2 408	121	3 335	154 494	14 149	4 809	1 285	3 107	2 887
1979 to March 1980	12 258	350	169	20	296	11 908	1 435	544	103	277	367
1975 to 1978	36 678	717	432	39	759	35 961	3 672	1 085	269	738	948
1970 to 1974	34 407	906	579	40	943	33 501	3 408	1 201	293	813	685
1960 to 1969	44 801	771	547	—	837	44 030	4 037	1 292	368	741	645
1950 to 1959	20 560	335	460	8	289	20 225	1 158	471	117	309	194
1949 or earlier	9 081	212	221	14	211	8 869	439	216	135	229	48
Renter-occupied housing units	143 696	5 706	2 175	172	3 956	137 990	9 937	5 102	1 092	3 514	4 526
1979 to March 1980	49 174	2 467	951	50	1 795	46 707	4 232	2 597	531	1 770	2 350
1975 to 1978	55 215	2 231	708	81	1 418	52 984	3 812	1 693	321	1 301	1 680
1970 to 1974	21 050	775	366	23	453	20 275	1 266	497	174	293	350
1960 to 1969	12 389	178	58	—	216	12 211	496	204	56	105	131
1959 or earlier	5 868	55	92	18	74	5 813	131	111	10	45	15
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	45 325	815	634	34	1 158	44 510	2 342	1 133	330	1 024	666
Owner-occupied housing units	27 009	423	452	20	718	26 586	1 641	725	238	749	447
Lacking complete plumbing for exclusive use	816	12	—	—	33	804	19	21	6	12	12
No complete kitchen facilities	564	6	—	—	33	558	29	29	12	12	9
No vehicle available	19 971	290	257	14	447	19 681	869	478	92	291	175
No telephone	1 804	63	21	—	57	1 741	72	83	22	41	26
Lacking central heating system	3 578	65	78	5	184	3 513	212	111	20	253	91
Lacking air conditioning	33 889	602	538	25	880	33 287	1 791	1 000	276	852	495

Table 77. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegon— Norton Shores— Muskegon Heights, Mich.	Saginaw, Mich.	Toledo, Ohio—Mich.			Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
Occupied housing units	5 664	10 881	22 510	721	21 789	8 967	3 437	282	5 592	290 144	23 768
YEAR STRUCTURE BUILT											
1979 to March 1980	22	74	478	—	478	159	43	2	40	1 490	198
1975 to 1978	95	306	1 244	117	1 127	593	107	17	105	5 207	447
1970 to 1974	418	1 059	1 600	103	1 497	2 180	372	72	373	10 593	1 549
1960 to 1969	724	2 413	1 909	108	1 801	3 147	382	24	945	23 204	6 170
1950 to 1959	972	2 258	2 327	94	2 233	1 285	449	42	1 096	52 582	6 381
1940 to 1949	1 263	1 826	3 833	144	3 689	678	436	32	1 259	78 205	3 628
1939 or earlier	2 170	2 945	11 119	155	10 964	925	1 648	93	1 774	118 863	5 395
BEDROOMS											
None	39	126	311	14	297	249	25	—	145	5 946	228
1	680	1 480	3 945	78	3 867	2 102	651	76	1 006	43 515	2 869
2	2 026	3 323	6 953	224	6 729	2 982	1 029	109	1 816	91 617	7 305
3	1 911	4 295	8 096	280	7 816	2 777	1 271	71	1 718	110 629	10 449
4	805	1 312	2 638	105	2 533	766	338	20	720	30 930	2 377
5 or more	203	345	567	20	547	91	123	6	187	7 507	540
UNITS IN STRUCTURE											
1, detached	4 133	7 299	12 561	535	12 026	3 092	2 144	124	3 454	158 116	16 918
1, attached	139	384	991	18	973	1 298	177	—	374	12 044	973
2	549	1 357	3 122	21	3 101	416	248	47	558	51 385	1 585
3 and 4	325	725	1 326	39	1 287	551	312	40	540	14 116	1 096
5 to 9	312	599	1 239	13	1 226	1 206	146	34	227	10 161	979
10 to 49	123	357	2 199	64	2 135	1 814	352	30	272	26 498	1 699
50 or more	82	144	1 035	31	1 004	565	52	2	139	17 551	498
Mobile home or trailer, etc.	1	16	37	—	37	25	6	5	28	273	20
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	2 302	4 822	11 484	251	11 233	5 551	1 597	161	2 821	133 325	9 370
1, mobile home or trailer, etc.	1 115	1 985	3 359	95	3 264	1 282	603	28	1 295	31 192	4 259
Median gross rent	\$231	\$283	\$249	\$249	\$249	\$291	\$245	\$286	\$261	\$274	\$292
2 or more	1 187	2 837	8 125	156	7 969	4 269	994	133	1 526	102 133	5 111
Median gross rent	\$191	\$225	\$189	\$220	\$189	\$291	\$202	\$222	\$208	\$204	\$228
BATHROOMS											
No bathroom or only a half bath	90	167	520	42	478	143	46	9	162	7 588	395
1 complete bathroom	4 412	8 441	17 237	471	16 766	5 857	2 616	216	4 214	203 286	16 547
1 complete bathroom plus half bath(s)	735	1 560	3 177	115	3 062	2 109	465	9	809	54 052	4 971
2 or more complete bathrooms	427	713	1 576	93	1 483	858	310	48	407	25 218	1 855
SOURCE OF WATER											
Public system or private company	5 349	10 707	21 839	406	21 433	8 941	3 311	282	4 816	289 742	23 435
Individual drilled well	261	164	501	216	285	26	83	—	690	236	306
Individual dug well	49	10	159	92	67	—	37	—	77	47	15
Some other source	5	—	11	7	4	—	6	—	9	119	12
HEATING EQUIPMENT											
Steam or hot water system	522	1 363	3 611	68	3 543	1 043	441	25	384	72 822	2 478
Central warm-air furnace	3 800	6 567	12 751	380	12 371	6 833	2 558	207	3 417	178 821	17 497
Electric heat pump	44	208	529	—	529	201	17	10	127	2 945	369
Other built-in electric units	105	561	1 417	62	1 355	352	43	4	466	6 805	841
Floor, wall, or pipeless furnace	276	600	1 082	58	1 024	164	107	7	193	8 990	603
Room heaters with flue	693	1 075	2 377	133	2 244	258	221	15	812	14 786	1 691
Room heaters without flue	194	381	471	15	456	68	35	9	149	3 447	229
Fireplaces, stoves, or portable room heaters	30	118	247	5	242	17	15	5	40	1 137	42
None	—	8	25	—	25	31	—	—	4	391	18
SELECTED CHARACTERISTICS											
No telephone	775	880	2 642	66	2 576	608	303	11	872	22 844	1 871
No complete kitchen facilities	114	159	415	21	394	117	79	5	229	6 242	422
Lacking air conditioning	4 972	8 485	14 868	534	14 334	4 947	2 606	199	4 392	198 924	17 723
Lacking public sewer	412	423	873	324	549	98	448	7	271	3 732	292
No vehicle available	1 470	2 740	5 925	110	5 815	1 612	914	67	1 748	88 464	5 054
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	3 350	5 857	10 652	447	10 205	3 099	1 807	121	2 558	153 088	13 878
1979 to March 1980	195	430	898	14	884	304	150	20	259	11 769	1 428
1975 to 1978	648	1 511	2 211	122	2 089	700	303	39	596	35 692	3 539
1970 to 1974	787	1 514	2 262	63	2 199	854	453	40	720	33 233	3 374
1960 to 1969	965	1 591	2 931	112	2 819	737	415	—	596	43 644	3 956
1950 to 1959	570	580	1 479	88	1 391	322	366	8	213	20 038	1 147
1949 or earlier	185	231	871	48	823	182	120	14	174	8 712	434
Renter-occupied housing units	2 314	5 024	11 858	274	11 584	5 868	1 630	161	3 034	137 056	9 890
1979 to March 1980	864	2 295	5 118	39	5 079	2 527	778	50	1 281	46 332	4 193
1975 to 1978	881	1 864	4 194	176	4 018	2 312	493	70	1 151	52 648	3 809
1970 to 1974	362	538	1 494	35	1 459	800	262	23	389	20 153	1 266
1960 to 1969	179	201	748	12	736	178	46	—	161	12 149	491
1959 or earlier	28	126	304	12	292	51	51	18	52	5 774	131
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	971	1 158	3 397	153	3 244	787	523	34	776	43 932	2 278
Owner-occupied housing units	783	861	2 139	117	2 022	388	368	20	462	26 187	1 577
Lacking complete plumbing for exclusive use	11	22	76	12	64	3	—	—	13	762	19
No complete kitchen facilities	28	15	58	6	52	6	—	—	13	552	29
No vehicle available	283	438	1 427	34	1 393	281	214	14	320	19 506	864
No telephone	35	28	139	5	134	63	21	—	34	1 720	72
Lacking central heating system	167	298	546	56	490	56	65	5	121	3 367	205
Lacking air conditioning	862	917	2 420	130	2 290	573	431	25	602	32 774	1 733

Table 77. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon— Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
	9 676	2 269	4 763	7 250	5 361	838	10 661	7 365	6 836	529
Occupied housing units	9 676	2 269	4 763	7 250	5 361	838	10 661	7 365	6 836	529
YEAR STRUCTURE BUILT										
1979 to March 1980	131	4	55	165	22	9	61	46	46	—
1975 to 1978	391	59	323	544	83	23	296	189	175	14
1970 to 1974	539	182	512	1 246	357	119	1 006	535	473	62
1960 to 1969	842	321	857	1 843	633	178	2 335	1 275	1 194	81
1950 to 1959	995	182	652	1 142	925	95	2 233	1 256	1 197	59
1940 to 1949	1 812	321	599	803	1 219	71	1 816	1 302	1 227	75
1939 or earlier	4 966	1 200	1 765	1 507	2 122	343	2 914	2 762	2 524	238
BEDROOMS										
None	79	52	103	145	39	24	112	107	86	21
1	1 772	299	914	1 445	641	121	1 458	976	901	75
2	2 671	721	1 557	2 388	1 944	274	3 284	2 351	2 161	190
3	3 677	814	1 472	2 191	1 776	259	4 175	2 725	2 605	120
4	1 185	297	591	901	776	135	1 291	1 018	907	111
5 or more	292	86	126	180	185	25	341	188	176	12
UNITS IN STRUCTURE										
1, detached	5 042	1 465	2 388	3 467	3 840	522	7 117	5 221	4 834	387
1, attached	294	108	201	582	134	46	384	318	318	—
2	2 068	296	560	489	549	57	1 357	388	350	38
3 and 4	954	157	461	470	321	29	725	423	404	19
5 to 9	401	63	267	431	312	104	577	383	376	7
10 to 49	625	123	708	1 388	123	38	348	274	254	20
50 or more	272	46	154	397	82	42	144	321	282	39
Mobile home or trailer, etc.	20	11	24	26	—	—	9	37	18	19
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	4 923	1 001	2 865	4 370	2 242	406	4 777	3 274	3 031	243
1, mobile home or trailer, etc.	1 101	390	822	1 364	1 055	172	1 971	1 667	1 534	133
Median gross rent	\$264	\$278	\$278	\$302	\$234	\$253	\$283	\$237	\$231	\$292
2 or more	3 822	611	2 043	3 006	1 187	234	2 806	1 607	1 497	110
Median gross rent	\$199	\$202	\$226	\$236	\$191	\$174	\$225	\$165	\$162	\$209
BATHROOMS										
No bathroom or only a half bath	287	67	119	158	78	40	160	145	133	12
1 complete bathroom	5 992	1 791	3 459	4 795	4 168	661	8 330	5 854	5 446	408
1 complete bathroom plus half bath(s) ..	2 541	285	830	1 521	707	90	1 489	884	810	74
2 or more complete bathrooms	856	126	355	776	408	47	682	482	447	35
SOURCE OF WATER										
Public system or private company	9 610	2 204	4 657	7 209	5 328	838	10 580	7 142	6 644	498
Individual drilled well	66	54	97	41	26	—	81	216	185	31
Individual dug well	—	11	9	—	7	—	—	7	7	—
Same other source	—	—	—	—	—	—	—	—	—	—
HEATING EQUIPMENT										
Steam or hot water system	1 347	177	523	956	493	126	1 344	405	369	36
Central warm-air furnace	6 750	1 626	3 253	4 920	3 612	505	6 429	5 206	4 827	379
Electric heat pump	111	25	100	200	44	20	194	112	112	—
Other built-in electric units	172	126	186	399	95	11	554	335	303	32
Floor, wall, or pipeless furnace	374	122	167	165	264	59	592	240	213	27
Room heaters with flue	736	151	423	524	668	101	1 068	811	767	44
Room heaters without flue	157	12	51	58	178	16	373	187	182	5
Fireplaces, stoves, or portable room heaters ..	29	14	51	17	7	—	99	57	51	6
None	—	16	9	11	—	—	8	12	12	—
SELECTED CHARACTERISTICS										
No telephone	1 260	307	628	608	738	52	865	744	670	74
No complete kitchen facilities	211	50	45	144	109	17	156	52	52	—
Lacking air conditioning	7 734	1 757	3 300	4 578	4 683	737	8 334	4 937	4 596	341
Lacking public sewer	122	56	414	47	120	61	277	244	229	15
No vehicle available	2 751	506	1 208	1 435	1 435	282	2 734	2 015	1 904	111
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	4 667	1 206	1 789	2 764	3 112	405	5 689	4 025	3 752	273
1979 to March 1980	531	86	168	339	165	23	412	286	272	14
1975 to 1978	1 047	254	492	901	615	46	1 432	878	826	52
1970 to 1974	1 166	272	450	656	763	99	1 490	865	805	60
1960 to 1969	1 262	348	425	635	890	79	1 553	1 183	1 096	87
1950 to 1959	464	117	160	185	512	60	577	548	508	40
1949 or earlier	197	129	94	48	167	98	225	265	245	20
Renter-occupied housing units	5 009	1 063	2 974	4 486	2 249	433	4 972	3 340	3 084	256
1979 to March 1980	2 529	528	1 542	2 326	852	172	2 257	1 434	1 283	151
1975 to 1978	1 681	305	1 102	1 680	872	128	1 850	1 179	1 119	60
1970 to 1974	497	169	231	341	318	64	538	482	465	17
1960 to 1969	191	51	64	127	179	60	201	193	171	22
1959 or earlier	111	10	35	12	28	9	126	52	46	6
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	1 096	319	411	635	882	226	1 150	1 153	1 008	145
Owner-occupied housing units	695	232	272	419	702	138	853	789	684	105
Lacking complete plumbing for exclusive use ..	21	6	—	12	11	16	22	17	17	—
No complete kitchen facilities	29	12	—	9	28	—	15	—	—	—
No vehicle available	476	92	139	172	267	100	438	522	484	38
No telephone	81	22	16	26	29	—	28	66	66	—
Lacking central heating system	109	20	62	82	143	38	298	151	140	11
Lacking air conditioning	963	265	354	472	776	197	915	848	743	105

Table 77. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.

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

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	Urbanized areas—Con.			Places								
	Toledo, Ohio—Mich.											
	Total	Michigan (pt.)	Ohio (pt.)	Ann Arbor city	Battle Creek city	Bay City city	Benton Harbor city	Oearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city
Occupied housing units	21 048	9	21 039	3 384	2 902	195	3 629	16	22	251 136	657	87
YEAR STRUCTURE BUILT												
1979 to March 1980	461	...	461	58	43	—	15	—	—	1 115	17	18
1975 to 1978	1 060	...	1 051	225	64	10	19	5	—	3 039	42	38
1970 to 1974	1 380	...	1 380	708	294	13	89	—	—	5 702	88	7
1960 to 1969	1 584	...	1 584	1 292	205	16	343	7	17	14 570	169	6
1950 to 1959	2 103	...	2 103	432	268	31	668	—	—	44 422	225	18
1940 to 1949	3 591	...	3 591	215	430	32	994	—	5	71 666	73	—
1939 or earlier	10 869	...	10 869	454	1 598	93	1 501	4	—	110 622	43	—
BEDROOMS												
None	250	...	250	163	25	—	128	—	—	5 244	29	—
1	3 733	...	3 733	640	530	59	696	4	—	37 146	207	—
2	6 462	...	6 462	1 091	957	64	1 132	12	14	79 904	297	48
3	7 633	...	7 624	1 099	971	50	1 087	—	—	95 814	51	20
4	2 432	...	2 432	349	299	16	468	—	8	26 434	54	19
5 or more	538	...	538	42	120	6	118	—	—	6 594	19	—
UNITS IN STRUCTURE												
1, detached	11 618	...	11 609	1 080	1 751	110	2 280	—	22	136 285	111	44
1, attached	953	...	953	741	177	—	101	5	—	8 693	52	6
2	3 075	...	3 075	201	241	45	464	—	—	48 485	—	—
3 and 4	1 272	...	1 272	186	312	35	487	—	—	12 174	15	—
5 to 9	1 167	...	1 167	488	136	5	150	—	—	7 682	34	—
10 to 49	2 024	...	2 024	450	233	—	49	11	—	23 185	360	37
50 or more	920	...	920	238	52	—	93	—	—	14 423	80	—
Mobile home or trailer, etc.	19	...	19	—	—	—	5	—	—	209	5	—
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	10 863	—	10 863	2 132	1 441	100	1 931	11	...	115 133	530	...
1, mobile home or trailer, etc.	3 178	—	3 178	684	583	28	839	—	...	25 611	56	...
Median gross rent	\$251	—	\$251	\$294	\$244	\$286	\$275	—	...	\$276	\$237	...
2 or more	7 685	—	7 685	1 448	858	72	1 092	11	...	89 522	474	...
Median gross rent	\$187	—	\$187	\$296	\$201	\$194	\$198	\$289	...	\$200	\$184	...
BATHROOMS												
No bathroom or only a half bath	452	...	452	45	39	4	130	—	—	6 748	26	—
1 complete bathroom	16 204	...	16 204	2 152	2 194	148	2 764	11	9	176 992	474	43
1 complete bathroom plus half bath(s)	2 964	...	2 964	775	383	9	483	—	5	46 467	79	6
2 or more complete bathrooms	1 428	...	1 419	412	286	34	252	5	8	20 929	78	38
SOURCE OF WATER												
Public system or private company	21 006	...	20 997	3 377	2 893	195	3 603	16	22	250 967	657	83
Individual drilled well	42	...	42	7	9	—	9	—	—	73	—	4
Individual dug well	—	...	—	—	—	—	8	—	—	14	—	—
Some other source	—	...	—	—	—	—	9	—	—	82	—	—
HEATING EQUIPMENT												
Steam or hot water system	3 507	...	3 507	436	359	18	309	—	—	66 652	324	12
Central warm-air furnace	11 963	...	11 954	2 640	2 172	141	2 262	9	13	151 837	259	75
Electric heat pump	473	...	473	44	17	—	92	—	—	2 368	5	—
Other built-in electric units	1 305	...	1 305	122	29	—	156	—	—	5 508	44	—
Floor, wall, or pipeless furnace	980	...	980	47	107	7	135	—	9	7 707	—	—
Room heaters with flue	2 131	...	2 131	82	188	15	528	7	—	12 682	25	—
Room heaters without flue	443	...	443	13	15	9	129	—	—	3 035	—	—
Fireplaces, stoves, or portable room heaters	221	...	221	—	15	5	14	—	—	1 020	—	—
None	25	...	25	—	—	—	4	—	—	327	—	—
SELECTED CHARACTERISTICS												
No telephone	2 507	...	2 507	172	272	11	715	—	—	20 249	8	6
No complete kitchen facilities	361	...	361	51	73	—	176	—	—	5 427	13	—
Lacking air conditioning	13 934	...	13 925	2 103	2 320	177	3 110	—	5	174 607	383	28
Lacking public sewer	222	...	222	13	94	—	69	—	—	2 836	6	11
No vehicle available	5 668	...	5 668	631	888	59	1 301	—	—	79 900	119	—
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	9 843	...	9 834	1 099	1 428	95	1 631	5	14	133 229	119	44
1979 to March 1980	856	...	856	95	71	12	166	...	...	9 959	14	...
1975 to 1978	2 036	...	2 027	228	197	30	366	...	...	31 005	86	...
1970 to 1974	2 139	...	2 139	313	355	31	488	...	...	29 369	15	...
1960 to 1969	2 721	...	2 721	270	337	—	422	...	...	38 315	4	...
1950 to 1959	1 314	...	1 314	94	353	8	112	...	...	17 621	—	...
1949 or earlier	777	...	777	99	115	14	77	...	...	6 960	—	...
Renter-occupied housing units	11 205	...	11 205	2 285	1 474	100	1 998	11	8	117 907	538	43
1979 to March 1980	4 857	...	4 857	925	681	23	853	...	...	39 722	362	...
1975 to 1978	3 932	...	3 932	898	466	42	795	...	...	44 416	163	...
1970 to 1974	1 432	...	1 432	381	230	17	225	...	...	17 501	13	...
1960 to 1969	694	...	694	57	46	—	103	...	...	10 905	—	...
1959 or earlier	290	...	290	24	51	18	22	...	...	5 363	—	...
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	3 083	...	3 083	321	505	34	422	—	—	38 537	—	9
Owner-occupied housing units	1 893	...	1 893	166	350	20	242	—	—	23 061	—	9
Lacking complete plumbing for exclusive use	50	...	50	3	—	—	13	—	—	711	—	—
No complete kitchen facilities	41	...	41	—	—	—	13	—	—	514	—	—
No vehicle available	1 366	...	1 366	100	208	14	154	—	—	17 326	—	—
No telephone	130	...	130	4	21	—	15	—	—	1 514	—	—
Lacking central heating system	438	...	438	9	58	5	45	—	—	2 767	—	—
Lacking air conditioning	2 173	...	2 173	233	413	25	365	—	—	29 068	—	9

Table 77. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kalamazoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shores city	Pontiac city	Portage city	Roseville city
Occupied housing units	20 392	8 741	2 040	3 755	5 756	17	2 494	2 726	87	8 494	279	180
YEAR STRUCTURE BUILT												
1979 to March 1980	159	94	—	13	102	—	17	—	—	27	16	—
1975 to 1978	216	154	22	116	317	7	53	13	6	187	62	—
1970 to 1974	1 045	246	141	267	896	—	227	106	19	869	55	48
1960 to 1969	4 614	641	264	556	1 409	10	229	392	—	1 867	112	28
1950 to 1959	5 524	890	138	554	883	—	424	459	34	2 344	22	34
1940 to 1949	3 495	1 773	305	536	713	—	496	708	15	1 536	4	33
1939 or earlier	5 339	4 943	1 170	1 713	1 436	—	1 048	1 048	13	1 664	8	37
BEDROOMS												
None	218	53	52	66	110	—	27	12	—	118	25	—
1	2 476	1 468	269	712	999	7	342	279	7	1 220	51	17
2	6 463	2 382	623	1 179	1 767	—	791	1 107	29	2 778	73	60
3	8 711	3 436	773	1 240	1 972	5	833	902	23	3 527	80	71
4	2 023	1 123	249	439	761	4	407	335	28	652	50	28
5 or more	501	279	74	119	147	1	94	91	—	199	—	4
UNITS IN STRUCTURE												
1, detached	14 700	4 704	1 308	1 950	3 124	9	1 731	2 003	75	5 032	140	159
1, attached	760	266	102	181	479	—	90	44	—	1 028	8	—
2	1 567	2 040	285	545	474	—	351	188	5	448	—	8
3 and 4	1 031	938	150	405	449	—	116	205	—	446	27	7
5 to 9	801	339	54	220	348	1	77	228	—	489	12	—
10 to 49	1 104	250	84	320	629	—	78	38	7	602	92	6
50 or more	415	198	46	110	244	7	51	20	—	424	—	—
Mobile home or trailer, etc.	14	6	11	24	9	—	—	—	—	25	—	—
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units												
1, mobile home or trailer, etc.	3 826	1 060	371	768	1 210	...	518	503	34	1 550	23	23
Median gross rent	\$291	\$263	\$276	\$277	\$300	...	\$234	\$229	\$300	\$278	\$353	\$238
2 or more	4 230	3 275	550	1 498	2 013	...	588	569	7	2 148	126	21
Median gross rent	\$217	\$191	\$195	\$209	\$233	...	\$188	\$192	\$225	\$238	\$277	\$263
BATHROOMS												
No bathroom or only a half bath	367	264	61	110	100	—	48	30	—	194	9	10
1 complete bathroom	14 533	5 361	1 663	2 801	3 825	7	1 937	2 141	47	6 355	145	112
1 complete bathroom plus half both(s)	3 966	2 369	222	574	1 307	4	311	370	20	1 333	98	44
2 or more complete bathrooms	1 526	747	94	270	524	6	198	185	20	612	27	14
SOURCE OF WATER												
Public system or private company	20 368	8 716	2 040	3 746	5 741	17	2 494	2 719	74	8 483	246	180
Individual drilled well	12	25	—	9	15	—	—	—	13	11	27	—
Individual dug well	—	—	—	—	—	—	—	—	7	—	6	—
Some other source	12	—	—	—	—	—	—	—	—	—	—	—
HEATING EQUIPMENT												
Steam or hot water system	2 217	1 148	149	388	543	1	276	217	—	944	25	17
Central warm-air furnace	14 901	6 163	1 441	2 486	4 134	16	1 617	1 892	69	6 072	204	95
Electric heat pump	347	72	25	96	106	—	32	12	—	165	4	—
Other built-in electric units	684	110	117	151	272	—	43	31	8	354	19	5
Floor, wall, or pipeless furnace	597	361	122	132	165	—	165	87	5	306	13	8
Room heaters with flue	1 400	705	144	399	456	—	251	412	5	527	6	38
Room heaters without flue	186	153	12	51	58	—	110	68	—	77	—	13
Fireplaces, stoves, or portable room heaters	42	29	14	43	11	—	—	7	—	13	8	4
None	18	—	16	9	11	—	—	—	—	36	—	—
SELECTED CHARACTERISTICS												
No telephone	1 679	1 222	284	571	544	—	298	415	25	715	—	13
No complete kitchen facilities	389	211	31	39	120	—	53	56	—	176	6	—
Lacking air conditioning	15 634	7 421	1 670	2 997	3 952	—	2 104	2 461	87	6 401	97	147
Lacking public sewer	224	85	9	53	27	—	13	34	56	112	86	—
No vehicle available	4 649	2 725	506	1 149	1 250	—	678	740	17	1 790	16	5
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units												
1979 to March 1980	11 878	4 320	1 057	1 384	2 431	9	1 381	1 654	46	4 503	126	136
1975 to 1978	1 167	456	72	93	269	...	72	72	5	313	38	—
1970 to 1974	2 977	907	189	333	731	...	384	206	17	892	52	36
1960 to 1969	2 836	1 113	227	369	593	...	402	342	19	998	15	33
1950 to 1959	3 383	1 200	329	356	615	...	330	560	—	1 412	17	22
1949 or earlier	1 081	453	111	147	175	...	170	335	—	653	4	41
1949 or earlier	434	191	129	86	48	...	23	139	5	235	—	4
Renter-occupied housing units												
1979 to March 1980	8 514	4 421	983	2 371	3 325	8	1 113	1 072	41	3 991	153	44
1975 to 1978	3 597	2 169	474	1 136	1 613	...	436	387	18	1 568	104	18
1970 to 1974	3 143	1 475	295	932	1 284	...	429	417	14	1 536	49	18
1960 to 1969	1 184	475	153	211	309	...	165	153	—	579	—	8
1950 to 1959	459	191	51	64	107	...	73	97	9	209	—	—
1949 or earlier	131	111	10	28	12	...	10	18	—	99	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units												
Owner-occupied housing units	2 121	1 069	290	360	592	8	336	529	10	958	12	26
Lacking complete plumbing for exclusive use	1 450	674	212	232	392	—	253	432	10	629	4	18
No complete kitchen facilities	19	21	—	—	9	—	—	11	—	17	—	4
No vehicle available	29	29	6	—	9	—	15	13	—	14	—	—
No telephone	840	476	92	139	162	—	107	160	—	440	—	5
Lacking central heating system	72	81	22	16	26	—	4	25	—	24	—	8
Lacking air conditioning	200	105	20	56	82	—	56	82	5	72	—	17
1979 to March 1980	1 628	946	252	318	446	—	301	458	10	772	4	26

Table 77. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.

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

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's

	Places—Con.										
	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (COP)	Westland city	Wyoming city
Occupied housing units	34	8 434	70	2 386	74	425	228	131	140	753	370
YEAR STRUCTURE BUILT											
1979 to March 1980	—	36	—	70	—	—	25	—	33	7	8
1975 to 1978	7	173	—	170	17	53	48	—	80	45	64
1970 to 1974	—	623	28	626	22	243	86	34	7	124	114
1960 to 1969	15	1 578	—	1 080	35	107	50	34	14	166	110
1950 to 1949	12	1 657	18	340	—	12	19	25	6	354	47
1940 to 1949	—	1 547	13	68	—	—	—	38	—	50	10
1939 or earlier	—	2 820	11	32	—	10	—	—	—	7	17
BEDROOMS											
None	7	105	—	5	—	4	—	4	—	—	—
1	12	1 299	—	334	11	72	62	38	50	91	162
2	7	2 530	14	583	16	261	76	71	77	242	124
3	8	3 136	45	929	34	81	40	14	13	351	59
4	—	1 044	5	495	13	7	44	4	—	52	19
5 or more	—	320	6	40	—	—	6	—	—	17	6
UNITS IN STRUCTURE											
1, detached	8	5 434	70	1 450	43	23	75	17	13	551	117
1, attached	—	341	—	162	12	171	16	5	23	19	13
2	—	1 286	—	—	—	—	—	—	—	8	17
3 and 4	—	683	—	23	4	32	6	—	—	4	16
5 to 9	12	429	—	158	15	66	68	65	10	55	29
10 to 49	14	122	—	148	—	114	42	15	72	48	125
50 or more	—	139	—	440	—	19	21	29	22	68	53
Mobile home or trailer, etc.	—	—	—	5	—	—	—	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	26	4 050	...	820	23	311	137	113	127	236	245
1, mobile home or trailer, etc.	—	1 687	...	109	4	94	—	4	23	61	13
Median gross rent	—	\$282	...	\$500+	\$450	\$335	—	\$450	\$248	\$295	\$296
2 or more	26	2 363	...	711	19	217	137	109	104	175	232
Median gross rent	\$354	\$212	...	\$395	\$335	\$303	\$388	\$286	\$332	\$319	\$238
BATHROOMS											
No bathroom or only a half bath	—	153	6	5	—	—	—	—	—	4	23
1 complete bathroom	34	6 757	19	542	19	207	113	99	105	514	264
1 complete bathroom plus half bath(s)	—	1 020	45	638	36	209	44	15	29	167	57
2 or more complete bathrooms	—	504	—	1 201	19	9	71	17	6	68	26
SOURCE OF WATER											
Public system or private company	34	8 427	70	2 353	74	425	222	131	140	753	359
Individual drilled well	—	7	—	—	—	—	6	—	—	—	11
Individual dug well	—	—	—	7	—	—	—	—	—	—	—
Some other source	—	—	—	26	—	—	—	—	—	—	—
HEATING EQUIPMENT											
Steam or hot water system	12	1 166	6	166	5	94	12	14	23	53	74
Central warm-air furnace	22	4 825	50	2 030	69	278	207	89	83	623	206
Electric heat pump	—	136	—	51	—	—	—	—	—	10	30
Other built-in electric units	—	467	—	116	—	44	6	13	—	35	32
Floor, wall, or pipeless furnace	—	516	14	18	—	9	3	15	—	9	13
Room heaters with flue	—	893	—	5	—	—	—	—	34	11	15
Room heaters without flue	—	335	—	—	—	—	—	—	—	12	—
Fireplaces, stoves, or portable room heaters	—	88	—	—	—	—	—	—	—	—	—
None	—	8	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS											
No telephone	—	818	6	15	—	34	—	—	—	13	29
No complete kitchen facilities	—	142	—	5	—	—	—	4	—	22	—
Lacking air conditioning	8	6 903	70	269	23	141	29	55	39	318	115
Lacking public sewer	—	115	10	129	—	—	6	—	—	32	10
No vehicle available	—	2 544	18	59	—	13	13	4	—	81	9
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	8	4 213	65	1 533	51	49	91	18	13	508	125
1979 to March 1980 .....	...	294	...	309	—	11	11	5	6	25	24
1975 to 1978 .....	...	980	...	972	44	31	73	—	7	72	45
1970 to 1974 .....	...	1 126	...	224	—	—	7	4	—	63	29
1960 to 1969 .....	...	1 167	...	15	7	7	—	3	—	121	22
1950 to 1949 .....	...	435	...	13	—	—	—	6	—	227	5
1949 or earlier .....	...	211	...	—	—	—	—	—	—	—	—
Renter-occupied housing units	26	4 221	5	853	23	376	137	113	127	245	245
1979 to March 1980 .....	...	1 922	...	432	8	96	56	54	92	76	161
1975 to 1978 .....	...	1 519	...	398	15	239	59	32	35	147	84
1970 to 1974 .....	...	474	...	18	—	41	22	17	—	9	—
1960 to 1969 .....	...	185	...	5	—	—	—	6	—	8	—
1959 or earlier .....	...	121	...	—	—	—	—	4	—	5	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	—	978	6	62	—	—	7	4	11	127	10
Owner-occupied housing units	—	712	6	10	—	—	—	—	—	95	10
Lacking complete plumbing for exclusive use	—	15	—	—	—	—	—	—	—	—	—
No complete kitchen facilities	—	15	—	—	—	—	—	—	—	—	—
No vehicle available	—	412	—	24	—	—	7	—	—	37	—
No telephone	—	28	—	—	—	—	—	—	—	8	—
Lacking central heating system	—	252	—	—	—	—	—	—	11	6	4
Lacking air conditioning	—	766	6	6	—	—	7	—	—	63	6

Table 77a. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Towns/Townships: 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]

Towns/Townships of 50,000 or More	Clinton township, Macomb County	Redford township	Waterford township
Occupied housing units -----	724	--	140
YEAR STRUCTURE BUILT			
1979 to March 1980 -----	6	--	33
1975 to 1978 -----	120	--	80
1970 to 1974 -----	289	--	7
1960 to 1969 -----	192	--	14
1950 to 1959 -----	73	--	6
1940 to 1949 -----	33	--	--
1939 or earlier -----	11	--	--
BEDROOMS			
None -----	--	--	--
1 -----	142	--	50
2 -----	284	--	77
3 -----	254	--	13
4 -----	44	--	--
5 or more -----	--	--	--
UNITS IN STRUCTURE			
1, detached -----	281	--	13
1, attached -----	192	--	23
2 -----	6	--	--
3 and 4 -----	30	--	--
5 to 9 -----	129	--	10
10 to 49 -----	80	--	72
50 or more -----	6	--	22
Mobile home or trailer, etc. -----	--	--	--
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units -----	369	--	127
1, mobile home or trailer, etc -----	137	--	23
Median gross rent -----	\$152	--	\$248
2 or more -----	232	--	104
Median gross rent -----	\$228	--	\$332
BATHROOMS			
No bathroom or only a half bath -----	6	--	--
1 complete bathroom -----	494	--	105
1 complete bathroom plus half bath(s) -----	171	--	29
2 or more complete bathrooms -----	53	--	6
SOURCE OF WATER			
Public system or private company -----	714	--	140
Individual drilled well -----	5	--	--
Individual dug well -----	5	--	--
Some other source -----	--	--	--
HEATING EQUIPMENT			
Steam or hot water system -----	52	--	23
Central warm-air furnace -----	573	--	83
Electric heat pump -----	17	--	--
Other built-in electric units -----	32	--	--
Floor, wall, or pipeless furnace -----	17	--	--
Room heaters with flue -----	33	--	34
Room heaters without flue -----	--	--	--
Fireplaces, stoves, or portable room heaters -----	--	--	--
None -----	--	--	--
SELECTED CHARACTERISTICS			
No telephone -----	67	--	--
No complete kitchen facilities -----	5	--	--
Lacking air conditioning -----	555	--	39
Lacking public sewer -----	16	--	--
No vehicle available -----	143	--	--
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units -----	288	--	13
1979 to March 1980 -----	5	--	6
1975 to 1978 -----	78	--	7
1970 to 1974 -----	123	--	--
1960 to 1969 -----	52	--	--
1950 to 1959 -----	24	--	--
1949 or earlier -----	6	--	--
Renter-occupied housing units -----	436	--	127
1979 to March 1980 -----	118	--	92
1975 to 1978 -----	259	--	35
1970 to 1974 -----	51	--	--
1960 to 1969 -----	8	--	--
1959 or earlier -----	--	--	--
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units -----	106	--	11
Owner-occupied housing units -----	63	--	--
Lacking complete plumbing for exclusive use -----	--	--	--
No complete kitchen facilities -----	--	--	--
No vehicle available -----	29	--	--
No telephone -----	--	--	--
Lacking central heating system -----	15	--	11
Lacking air conditioning -----	86	--	--

Table 78. **Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 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]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]**

	SCSA's	SMSA's					Toledo, Ohio-Mich.			
	Detroit-Ann Arbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Kalamazoo-Portage, Mich.	Lansing-East Lansing, Mich.	Muskegon-Norton Shores-Muskegon Heights, Mich.	Total	Michigan (pt.)	Ohio (pt.)
Occupied housing units	5 033	4 739	1 105	686	402	744	336	595	90	505
YEAR STRUCTURE BUILT										
1979 to March 1980.....	86	79	21	12	3	24	-	-	-	-
1975 to 1978.....	233	210	62	45	15	51	23	18	-	18
1970 to 1974.....	520	478	99	75	64	91	17	41	17	24
1960 to 1969.....	702	623	214	66	54	89	42	71	13	58
1950 to 1949.....	1 108	1 053	224	94	69	121	74	46	16	30
1940 to 1949.....	844	797	154	107	64	114	70	107	17	90
1939 or earlier.....	1 540	1 499	331	287	133	254	110	312	27	285
BEDROOMS										
None.....	126	116	13	24	14	18	-	12	4	8
1.....	794	702	126	50	66	124	43	143	16	127
2.....	1 573	1 517	407	305	87	278	135	176	23	153
3.....	1 844	1 754	436	211	144	241	100	210	29	181
4.....	558	523	121	78	75	67	44	38	10	28
5 or more.....	138	127	2	18	16	16	14	16	8	8
UNITS IN STRUCTURE										
1, detached.....	3 134	3 002	798	365	224	402	274	391	68	323
1, attached.....	147	140	32	10	3	26	-	-	-	-
2.....	448	420	53	127	56	75	25	45	-	45
3 and 4.....	263	239	66	62	37	52	6	67	-	67
5 to 9.....	265	227	5	39	8	33	7	13	7	6
10 to 49.....	406	357	63	44	31	76	9	26	6	20
50 or more.....	189	183	15	11	-	30	-	17	5	12
Mobile home or trailer, etc.....	181	171	73	28	43	50	15	36	4	32
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	2 100	1 947	396	351	169	418	88	271	21	250
1, mobile home or trailer, etc.....	648	633	212	72	39	169	59	119	6	113
Median gross rent.....	\$294	\$294	\$295	\$235	\$256	\$280	\$264	\$302	\$440	\$296
2 or more.....	1 452	1 314	184	279	130	249	29	152	15	137
Median gross rent.....	\$234	\$229	\$227	\$201	\$186	\$217	\$218	\$194	\$265	\$184
BATHROOMS										
No bathroom or only a half bath.....	116	103	22	11	33	10	-	19	-	19
1 complete bathroom.....	3 658	3 458	861	495	286	570	272	446	72	374
1 complete bathroom plus half bath(s).....	718	675	124	108	29	96	53	70	11	59
2 or more complete bathrooms.....	541	503	98	72	54	68	11	60	7	53
SOURCE OF WATER										
Public system or private company.....	4 516	4 271	749	525	247	595	156	507	44	463
Individual drilled well.....	500	451	339	136	142	144	162	83	46	37
Individual dug well.....	14	14	17	25	13	5	15	5	-	5
Some other source.....	3	3	-	-	-	-	3	-	-	-
HEATING EQUIPMENT										
Steam or hot water system.....	890	843	97	55	29	53	5	46	6	40
Central warm-air furnace.....	3 428	3 201	784	456	284	586	227	415	68	347
Electric heat pump.....	33	33	4	-	4	13	3	-	-	-
Other built-in electric units.....	149	141	22	6	8	31	12	10	-	10
Floor, wall, or pipeless furnace.....	158	155	73	47	14	7	14	35	-	35
Room heaters with flue.....	242	242	97	95	54	42	55	70	14	56
Room heaters without flue.....	62	53	19	17	2	6	1	5	-	5
Fireplaces, stoves, or portable room heaters.....	64	64	9	10	7	6	19	14	2	12
None.....	7	7	-	-	-	-	-	-	-	-
SELECTED CHARACTERISTICS										
No telephone.....	480	467	147	117	62	64	64	118	7	111
No complete kitchen facilities.....	42	35	-	11	8	12	-	12	4	8
Lacking air conditioning.....	3 282	3 086	829	537	312	554	313	332	59	273
Lacking public sewer.....	578	538	149	202	185	115	203	93	46	47
No vehicle available.....	772	742	185	141	64	91	54	120	8	112
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	2 852	2 711	685	317	223	304	244	307	66	241
1979 to March 1980.....	340	311	82	43	33	83	15	73	1	72
1975 to 1978.....	959	919	225	119	61	58	77	98	45	53
1970 to 1974.....	559	526	191	60	60	83	64	53	2	51
1960 to 1969.....	583	570	105	62	39	52	53	48	5	43
1950 to 1949.....	324	304	76	33	25	15	11	35	13	22
1949 or earlier.....	87	81	6	-	5	13	26	-	-	-
Renter-occupied housing units	2 181	2 028	420	369	179	440	90	288	24	264
1979 to March 1980.....	1 012	902	167	225	114	259	31	173	15	158
1975 to 1978.....	829	791	164	129	54	147	51	93	9	84
1970 to 1974.....	230	228	64	5	5	9	4	6	-	6
1960 to 1969.....	85	82	12	6	6	11	4	16	-	16
1959 or earlier.....	25	25	13	4	-	14	-	-	-	-
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	371	356	88	44	39	58	67	19	-	19
Owner-occupied housing units.....	238	232	70	13	37	31	60	14	-	14
Lacking complete plumbing for exclusive use.....	6	-	7	5	-	-	-	-	-	-
No complete kitchen facilities.....	-	-	-	5	-	-	-	-	-	-
No vehicle available.....	163	157	37	26	9	33	23	11	-	11
No telephone.....	39	39	20	7	2	-	12	-	-	-
Lacking central heating system.....	41	41	20	19	12	10	22	-	-	-
Lacking air conditioning.....	280	265	49	42	29	41	51	6	-	6

Table 78. **Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980—Con.**

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

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's [1,000 or More of the Specified Racial Group]	Urbanized areas				Places		
	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Lansing, Mich.	Detroit city	Grand Rapids city	Lansing city
Occupied housing units	4 071	868	448	541	1 359	317	387
YEAR STRUCTURE BUILT							
1979 to March 1980	38	12	6	8	10	—	8
1975 to 1978	146	26	19	33	11	4	17
1970 to 1974	331	69	38	51	—	12	45
1960 to 1969	541	184	30	67	66	21	13
1950 to 1959	972	186	71	103	220	33	59
1940 to 1949	734	143	59	90	314	49	71
1939 or earlier	1 309	248	225	189	738	198	174
BEDROOMS							
None	116	13	24	14	74	11	8
1	641	102	42	115	285	42	80
2	1 286	332	186	221	427	142	155
3	1 503	326	131	161	373	65	117
4	440	95	61	27	140	53	27
5 or more	85	—	4	3	60	4	—
UNITS IN STRUCTURE							
1, detached	2 529	601	196	266	664	109	218
1, attached	140	32	10	26	54	6	26
2	366	38	93	64	237	93	50
3 and 4	226	52	56	46	99	56	41
5 to 9	201	5	33	29	37	33	29
10 to 49	330	60	44	69	164	16	16
50 or more	183	15	11	30	104	4	7
Mobile home or trailer, etc.	96	65	5	11	—	—	—
UNITS IN STRUCTURE BY GROSS RENT							
Specified renter-occupied housing units	1 772	335	292	368	753	229	258
1, mobile home or trailer, etc.	551	181	59	144	173	31	129
Median gross rent	\$289	\$295	\$239	\$283	\$276	\$216	\$279
2 or more	1 221	154	233	224	580	198	129
Median gross rent	\$226	\$222	\$197	\$210	\$184	\$190	\$188
BATHROOMS							
No bathroom or only a half bath	97	20	11	6	20	11	6
1 complete bathroom	3 014	678	325	424	1 071	249	313
1 complete bathroom plus half bath(s)	554	112	69	67	155	28	39
2 or more complete bathrooms	406	58	43	44	113	29	29
SOURCE OF WATER							
Public system or private company	3 926	666	431	507	1 356	317	387
Individual drilled well	130	197	17	29	—	—	—
Individual dug well	12	5	—	5	—	—	—
Some other source	3	—	—	—	3	—	—
HEATING EQUIPMENT							
Steam or hot water system	777	77	51	48	421	45	20
Central warm-air furnace	2 746	629	291	418	735	188	331
Electric heat pump	31	4	—	13	7	—	—
Other built-in electric units	101	20	6	26	16	—	—
Floor, wall, or pipeless furnace	135	48	32	6	73	16	6
Room heaters with flue	196	71	51	30	64	51	30
Room heaters without flue	39	16	17	—	29	17	—
Fireplaces, stoves, or portable room heaters	39	3	—	—	7	—	—
None	7	—	—	—	7	—	—
SELECTED CHARACTERISTICS							
No telephone	415	131	97	39	229	88	39
No complete kitchen facilities	28	—	11	8	15	5	8
Lacking air conditioning	2 532	637	345	381	950	280	308
Lacking public sewer	186	21	44	11	3	13	—
No vehicle available	684	167	129	75	436	116	59
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	2 254	522	156	159	592	88	115
1979 to March 1980	241	60	27	47	68	6	35
1975 to 1978	747	156	50	36	135	44	28
1970 to 1974	380	154	13	27	70	5	27
1960 to 1969	514	92	45	31	153	33	15
1950 to 1959	291	54	21	5	115	—	5
1949 or earlier	81	6	—	13	51	—	5
Renter-occupied housing units	1 817	346	292	382	767	229	272
1979 to March 1980	770	141	185	230	268	126	156
1975 to 1978	741	147	96	126	365	92	90
1970 to 1974	205	33	5	9	76	5	9
1960 to 1969	76	12	6	8	45	6	8
1959 or earlier	25	13	—	9	13	—	9
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	314	77	28	46	193	28	22
Owner-occupied housing units	209	59	7	19	113	7	5
Lacking complete plumbing for exclusive use	—	7	5	—	—	5	—
No complete kitchen facilities	—	—	5	—	—	5	—
No vehicle available	138	37	16	21	93	16	11
No telephone	39	20	5	—	39	5	—
Lacking central heating system	36	13	5	4	16	5	4
Lacking air conditioning	223	47	28	29	142	28	15

Table 78a. Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980

(The above table(s) were omitted because there were no qualifying areas)

Table 79. Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 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.]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's [1,000 or More of the Specified Racial Group]	SCSA's							SMSA's		
								Toledo, Ohio-Mich.		
	Detroit-Ann Arbor, Mich.	Ann Arbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Kalamazoo- Portage, Mich.	Lansing-East Lansing, Mich.	Total	Michigan (pt.)	Ohio (pt.)
Occupied housing units	12 160	1 777	10 383	672	908	374	1 055	1 060	79	981
YEAR STRUCTURE BUILT										
1979 to March 1980	791	69	722	63	25	-	61	59	4	55
1975 to 1978	1 739	214	1 525	91	118	29	95	145	11	134
1970 to 1974	2 040	265	1 775	90	151	92	173	224	32	192
1960 to 1969	2 709	710	1 999	255	115	143	348	257	8	249
1950 to 1959	2 064	299	1 765	91	100	29	191	126	-	126
1940 to 1949	1 069	79	990	30	118	33	78	69	-	69
1939 or earlier	1 748	141	1 607	52	281	48	109	180	24	156
BEDROOMS										
None	702	188	514	20	23	14	45	60	7	53
1	2 511	427	2 084	118	148	105	260	179	9	170
2	2 665	497	2 168	143	246	89	273	259	31	228
3	3 436	301	3 135	221	32	102	234	315	32	283
4	2 439	313	2 126	159	183	53	172	187	-	187
5 or more	407	51	356	11	26	11	71	60	-	60
UNITS IN STRUCTURE										
1, detached	6 713	665	6 048	410	569	158	508	595	46	549
1, attached	697	184	513	40	41	38	63	46	17	29
2	432	20	412	21	98	19	52	61	10	51
3 and 4	422	52	370	34	37	19	28	53	-	53
5 to 9	1 182	297	885	22	55	2	68	91	-	91
10 to 49	1 713	412	1 301	86	73	101	295	142	-	142
50 or more	957	141	816	39	22	28	36	56	4	52
Mobile home or trailer, etc.	44	6	38	20	13	9	5	16	2	14
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	5 014	1 061	3 953	242	395	190	586	456	28	428
1, mobile home or trailer, etc.	775	166	609	46	140	40	128	108	14	94
Median gross rent	\$318	\$255	\$327	\$330	\$310	\$357	\$250	\$300	\$350	\$300
2 or more	4 239	895	3 344	196	255	150	458	348	14	334
Median gross rent	\$256	\$256	\$256	\$259	\$223	\$223	\$202	\$251	\$238	\$252
BATHROOMS										
No bathroom or only a half bath	277	56	221	17	30	13	15	40	7	33
1 complete bathroom	5 809	1 048	4 761	306	455	219	561	535	44	491
1 complete bathroom plus half bath(s)	2 760	289	2 471	148	294	70	205	216	17	199
2 or more complete bathrooms	3 314	384	2 930	201	129	72	274	269	11	258
SOURCE OF WATER										
Public system or private company	11 872	1 738	10 134	485	793	324	967	983	45	938
Individual drilled well	265	32	233	174	115	50	67	75	34	41
Individual dug well	23	7	16	13	-	-	21	1	-	1
Some other source	-	-	-	-	-	-	-	1	-	1
HEATING EQUIPMENT										
Steam or hot water system	2 191	381	1 810	100	105	69	260	114	12	102
Central warm-air furnace	9 068	1 271	7 797	515	663	245	648	676	51	625
Electric heat pump	111	19	92	7	8	6	27	118	-	118
Other built-in electric units	315	39	276	9	39	30	45	71	-	71
Floor, wall, or pipeless furnace	95	10	85	3	13	2	29	25	-	25
Room heaters with flue	282	57	225	29	66	18	45	45	16	29
Room heaters without flue	79	-	79	9	5	2	9	9	-	9
Fireplaces, stoves, or portable room heaters	12	-	12	-	9	2	1	2	-	2
None	7	-	7	-	-	-	-	-	-	-
SELECTED CHARACTERISTICS										
No telephone	379	48	331	7	19	13	26	55	7	48
No complete kitchen facilities	157	15	142	8	13	-	7	16	7	9
Lacking air conditioning	5 093	790	4 303	292	626	195	616	350	39	311
Lacking public sewer	475	68	407	49	136	113	52	93	38	55
No vehicle available	1 238	272	966	70	97	31	147	142	9	133
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	7 039	685	6 354	430	507	165	457	600	51	549
1979 to March 1980	1 776	174	1 602	94	127	30	106	128	4	124
1975 to 1978	2 886	295	2 591	211	222	71	186	253	16	237
1970 to 1974	1 068	100	968	101	55	43	87	97	16	81
1960 to 1969	687	75	612	7	33	9	53	50	8	42
1950 to 1959	346	29	317	15	51	10	17	50	7	43
1949 or earlier	276	12	264	2	19	2	8	22	-	22
Renter-occupied housing units	5 121	1 092	4 029	242	401	209	598	460	28	432
1979 to March 1980	2 543	759	1 784	110	274	132	351	286	26	260
1975 to 1978	1 898	299	1 599	83	122	77	209	102	-	102
1970 to 1974	427	27	400	41	5	-	23	41	2	39
1960 to 1969	165	-	165	8	-	-	15	6	-	6
1959 or earlier	88	7	81	-	-	-	-	25	-	25
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	1 085	62	1 023	85	57	29	67	126	9	117
Owner-occupied housing units	638	36	602	38	44	22	28	79	7	72
Lacking complete plumbing for exclusive use	20	-	20	-	5	-	-	3	-	3
No complete kitchen facilities	5	-	5	8	-	-	-	6	-	6
No vehicle available	405	16	389	34	15	14	35	79	9	70
No telephone	74	7	67	-	-	7	-	6	-	6
Lacking central heating system	53	-	53	10	12	4	-	17	2	15
Lacking air conditioning	614	20	594	47	38	16	44	95	9	86

Table 79. Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980—Con.

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

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]

	Urbanized areas						South Bend, Ind.—Mich.		
	Ann Arbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Total	Indiana (pt.)	Michigan (pt.)
Occupied housing units	1 705	10 129	541	643	330	894	336	318	18
YEAR STRUCTURE BUILT									
1979 to March 1980	51	685	41	19	—	47	18	18	—
1975 to 1978	184	1 486	76	86	23	82	38	38	—
1970 to 1974	259	1 699	61	97	83	133	61	61	—
1960 to 1969	709	1 960	213	80	133	299	45	45	—
1950 to 1959	293	1 748	76	70	21	178	64	58	6
1940 to 1949	73	973	24	95	28	71	33	27	6
1939 or earlier	136	1 578	50	196	42	84	77	71	6
BEDROOMS									
None	188	514	20	23	14	38	—	—	—
1	426	2 061	109	116	105	208	112	106	6
2	496	2 096	106	191	79	249	70	70	—
3	268	3 068	169	204	80	201	87	81	6
4	278	2 045	131	96	41	145	55	55	—
5 or more	49	345	6	13	11	53	12	6	6
UNITS IN STRUCTURE									
1, detached	587	5 875	302	375	118	399	149	137	12
1, attached	177	506	38	41	38	63	16	16	—
2	20	410	21	66	19	39	34	34	—
3 and 4	52	362	34	25	19	28	27	21	6
5 to 9	298	857	22	40	—	68	34	34	—
10 to 49	424	1 269	86	68	101	261	64	64	—
50 or more	141	816	30	22	28	36	12	12	—
Mobile home or trailer, etc.	6	34	8	6	7	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing units	1 067	3 890	222	306	182	527	196	190	...
1, mobile home or trailer, etc.	166	597	35	110	34	110	29	29	...
Median gross rent	\$255	\$327	\$332	\$317	\$288	\$253	\$231	\$231	...
2 or more	901	3 293	187	196	148	417	167	161	...
Median gross rent	\$259	\$255	\$253	\$215	\$225	\$197	\$234	\$236	...
BATHROOMS									
No bathroom or only a half bath	56	207	17	30	11	9	—	—	—
1 complete bathroom	1 015	4 662	254	302	203	480	215	203	12
1 complete bathroom plus half bath(s)	272	2 433	112	239	62	180	38	38	—
2 or more complete bathrooms	362	2 827	158	72	54	225	83	77	6
SOURCE OF WATER									
Public system or private company	1 696	9 966	460	626	310	853	276	264	12
Individual drilled well	9	156	68	17	20	32	57	51	6
Individual dug well	—	7	13	—	—	9	3	3	—
Some other source	—	—	—	—	—	—	—	—	—
HEATING EQUIPMENT									
Steam or hot water system	377	1 785	96	89	67	260	33	27	6
Central warm-air furnace	1 204	7 616	408	455	217	500	215	203	12
Electric heat pump	15	90	7	8	—	27	20	20	—
Other built-in electric units	46	255	7	19	28	45	45	45	—
Floor, wall, or pipeless furnace	10	68	3	6	—	29	3	3	—
Room heaters with flue	53	223	13	61	18	33	10	10	—
Room heaters without flue	—	75	7	5	—	—	10	10	—
Fireplaces, stoves, or portable room heaters	—	10	—	—	—	—	—	—	—
None	—	7	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS									
No telephone	48	326	7	19	13	19	14	8	6
No complete kitchen facilities	15	136	8	13	—	—	—	—	—
Lacking air conditioning	734	4 178	221	423	174	544	110	98	12
Lacking public sewer	26	314	6	19	79	18	61	55	6
No vehicle available	270	950	62	44	31	104	59	53	6
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	611	6 163	319	337	129	355	140	128	12
1979 to March 1980	154	1 559	75	81	24	85	60	54	...
1975 to 1978	245	2 505	170	152	60	141	37	37	...
1970 to 1974	98	941	65	41	32	75	15	9	...
1960 to 1969	75	590	—	25	6	39	11	11	...
1950 to 1959	29	309	9	26	7	15	17	17	...
1949 or earlier	10	259	—	12	—	—	—	—	...
Renter-occupied housing units	1 094	3 966	222	306	201	539	196	190	6
1979 to March 1980	767	1 746	90	200	132	318	103	97	...
1975 to 1978	299	1 574	83	101	69	183	93	93	...
1970 to 1974	21	400	41	5	—	23	—	—	...
1960 to 1969	—	165	8	—	—	15	—	—	...
1959 or earlier	7	81	—	—	—	—	—	—	...
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	54	1 017	53	29	20	46	20	20	—
Owner-occupied housing units	34	596	21	16	13	14	10	10	—
Lacking complete plumbing for exclusive use	—	20	—	5	—	—	—	—	—
No complete kitchen facilities	—	5	8	—	—	—	—	—	—
No vehicle available	14	386	26	—	14	22	6	6	—
No telephone	7	67	—	—	7	—	—	—	—
Lacking central heating system	—	53	—	5	—	—	—	—	—
Lacking air conditioning	18	591	21	10	7	31	4	4	—

Table 79. Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]**

	Urbanized areas—Con.			Places							
	Toledo, Ohio—Mich.										
	Total	Michigan (pt.)	Ohio (pt.)	Ann Arbor city	Detroit city	East Lansing city	Grand Rapids city	Southfield city	Sterling Heights city	Troy city	Warren city
Occupied housing units	843	21	822	1 266	2 748	367	346	434	479	703	393
YEAR STRUCTURE BUILT											
1979 to March 1980	47	—	47	19	5	17	—	16	114	75	19
1975 to 1978	116	7	109	104	50	10	7	47	185	261	31
1970 to 1974	171	7	164	159	88	48	31	189	108	174	57
1960 to 1969	174	—	174	570	205	116	44	164	72	140	213
1950 to 1959	120	—	120	235	600	125	34	7	—	38	53
1940 to 1949	62	—	62	61	613	38	—	11	—	9	12
1939 or earlier	153	7	146	118	1 187	13	168	—	—	6	8
BEDROOMS											
None	47	—	47	167	387	31	5	5	—	19	—
1	142	7	135	279	821	108	60	69	59	37	104
2	191	7	184	385	677	117	99	134	60	118	70
3	263	7	256	178	614	45	132	151	190	148	171
4	153	—	153	211	177	50	45	55	149	349	35
5 or more	47	—	47	46	72	16	5	20	21	32	13
UNITS IN STRUCTURE											
1, detached	482	14	468	441	975	114	195	197	364	520	269
1, attached	30	7	23	136	55	14	29	86	17	25	21
2	43	—	43	20	312	6	53	8	—	—	8
3 and 4	36	—	36	41	111	—	25	6	15	22	—
5 to 9	84	—	84	265	115	42	27	37	67	85	56
10 to 49	115	—	115	255	655	178	6	42	—	36	23
50 or more	41	—	41	108	525	13	11	58	16	15	6
Mobile home or trailer, etc.	12	—	12	—	—	—	—	—	—	—	10
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	339	...	332	802	1 722	270	176	187	76	138	126
1, mobile home or trailer, etc.	73	...	66	140	185	31	73	50	5	11	33
Median gross rent	\$317	...	\$304	\$276	\$308	\$172	\$319	\$489	\$450	\$469	\$306
2 or more	266	...	266	662	1 537	239	103	137	71	127	93
Median gross rent	\$255	...	\$255	\$239	\$188	\$182	\$185	\$390	\$302	\$369	\$283
BATHROOMS											
No bathroom or only a half bath	21	—	21	43	94	4	20	17	—	12	16
1 complete bathroom	435	14	421	758	2 119	242	155	100	102	90	193
1 complete bathroom plus half bath(s)	170	—	170	173	297	47	148	103	229	170	152
2 or more complete bathrooms	217	7	210	292	238	74	23	214	148	431	32
SOURCE OF WATER											
Public system or private company	816	14	802	1 266	2 748	367	341	434	479	697	393
Individual drilled well	27	7	20	—	—	—	5	—	—	6	—
Individual dug well	—	—	—	—	—	—	—	—	—	—	—
Some other source	—	—	—	—	—	—	—	—	—	—	—
HEATING EQUIPMENT											
Steam or hot water system	96	—	96	337	1 168	196	49	32	9	45	20
Central worm-air furnace	522	14	508	869	1 253	142	236	359	449	624	366
Electric heat pump	103	—	103	15	38	—	—	—	5	—	7
Other built-in electric units	67	—	67	12	107	23	—	17	9	13	—
Floor, wall, or pipeless furnace	13	—	13	4	41	6	6	—	—	5	—
Room heaters with flue	36	7	29	29	105	—	50	12	—	16	—
Room heaters without flue	6	—	6	—	23	—	5	14	7	—	—
Fireplaces, stoves, or portable room heaters	—	—	—	—	6	—	—	—	—	—	—
None	—	—	—	—	7	—	—	—	—	—	—
SELECTED CHARACTERISTICS											
No telephone	36	—	36	23	236	6	19	—	—	—	14
No complete kitchen facilities	9	—	9	15	47	—	13	6	15	11	7
Lacking air conditioning	262	—	262	637	1 555	257	257	98	227	204	125
Lacking public sewer	48	14	34	8	27	5	7	22	—	—	7
No vehicle available	107	—	107	213	668	44	38	6	—	—	3
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	504	14	490	452	1 011	97	170	247	403	565	259
1979 to March 1980	95	...	95	119	102	30	34	63	151	153	63
1975 to 1978	227	...	220	153	234	33	82	92	217	334	98
1970 to 1974	79	...	72	88	174	28	23	46	18	57	50
1960 to 1969	38	...	38	60	215	6	19	46	17	6	36
1950 to 1959	43	...	43	22	140	—	—	—	—	9	6
1949 or earlier	22	...	22	10	146	—	12	—	—	6	6
Renter-occupied housing units	339	7	332	814	1 737	270	176	187	76	138	134
1979 to March 1980	208	...	201	572	652	142	124	93	44	48	61
1975 to 1978	70	...	70	214	702	124	47	63	27	76	70
1970 to 1974	30	...	30	21	209	—	5	24	5	11	3
1960 to 1969	6	...	6	—	102	4	—	7	—	3	—
1959 or earlier	25	...	25	7	72	—	—	—	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	112	—	112	37	505	—	19	32	5	9	18
Owner-occupied housing units	68	—	68	30	298	—	11	12	—	6	18
Lacking complete plumbing for exclusive use	3	—	3	—	12	—	—	—	—	—	—
No complete kitchen facilities	6	—	6	—	5	—	—	—	—	—	—
No vehicle available	68	—	68	7	213	—	—	6	—	—	—
No telephone	6	—	6	—	55	—	—	—	—	—	—
Lacking central heating system	13	—	13	—	26	—	—	8	—	—	—
Lacking air conditioning	85	—	85	7	375	—	5	6	—	6	—

Table 79a. Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980

(The above table(s) were omitted because there were no qualifying areas)

Table 80. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 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.]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's										
	Detroit-Ann Arbor, Mich.	Ann Arbor, Mich.	Battle Creek, Mich.	Boy City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo-Portage, Mich.	Lansing-East Lansing, Mich.
Occupied housing units -----	20 429	1 109	778	782	540	19 320	2 073	3 339	392	1 023	3 182
YEAR STRUCTURE BUILT											
1979 to March 1980 -----	312	13	7	11	6	299	32	37	12	27	72
1975 to 1978 -----	922	115	27	35	16	807	148	145	18	72	234
1970 to 1974 -----	1 887	246	78	101	80	1 641	160	307	33	123	441
1960 to 1969 -----	3 145	306	125	87	118	2 839	321	426	42	219	569
1950 to 1959 -----	3 772	157	138	113	127	3 615	468	485	75	176	465
1940 to 1949 -----	3 407	95	111	161	99	3 312	330	602	59	122	392
1939 or earlier -----	6 984	177	292	274	94	6 807	614	1 337	153	284	1 009
BEDROOMS											
None -----	434	38	8	19	21	396	33	90	13	24	68
1 -----	3 020	332	102	126	79	2 688	363	482	48	231	457
2 -----	5 805	356	257	211	218	5 449	622	996	160	312	1 058
3 -----	8 007	284	272	241	150	7 723	831	1 139	116	332	1 084
4 -----	2 567	56	105	137	50	2 511	171	503	42	85	390
5 or more -----	596	43	34	48	22	553	53	129	13	39	125
UNITS IN STRUCTURE											
1, detached -----	12 184	381	533	530	282	11 803	1 429	2 040	256	571	1 841
1, attached -----	907	96	23	8	6	811	40	47	26	24	118
2 -----	2 484	64	55	59	82	2 420	141	597	46	132	292
3 and 4 -----	1 198	67	30	67	33	1 131	60	220	19	26	228
5 to 9 -----	1 066	204	46	49	27	862	60	160	11	59	191
10 to 49 -----	1 585	231	53	71	71	1 354	155	214	9	120	384
50 or more -----	722	60	8	9	13	662	30	32	9	24	34
Mobile home or trailer, etc. -----	283	6	30	37	26	277	98	29	25	67	94
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units -----	8 270	734	278	347	282	7 536	781	1 432	138	489	1 554
1, mobile home or trailer, etc. -----	2 252	132	115	159	84	2 120	355	354	78	156	501
Median gross rent -----	\$283	\$327	\$261	\$292	\$259	\$281	\$270	\$270	\$313	\$290	\$301
2 or more -----	6 018	602	163	188	198	5 416	426	1 078	60	333	1 053
Median gross rent -----	\$234	\$280	\$186	\$214	\$215	\$229	\$225	\$209	\$221	\$223	\$216
BATHROOMS											
No bathroom or only a half bath -----	550	14	22	12	9	536	31	149	15	49	90
1 complete bathroom -----	13 634	719	606	603	395	12 915	1 574	2 379	283	755	2 132
1 complete bathroom plus half bath(s) -----	3 638	208	77	101	66	3 430	339	590	38	138	611
2 or more complete bathrooms -----	2 607	168	73	66	70	2 439	129	221	56	81	349
SOURCE OF WATER											
Public system or private company -----	19 338	997	503	740	322	18 341	1 694	2 976	250	782	2 747
Individual drilled well -----	1 006	94	243	35	190	912	353	320	132	213	407
Individual dug well -----	68	18	25	7	28	50	26	37	10	26	28
Some other source -----	17	-	7	-	-	17	-	6	-	2	-
HEATING EQUIPMENT											
Steam or hot water system -----	4 137	258	67	66	61	3 879	130	302	23	59	351
Central warm-air furnace -----	13 416	739	578	525	234	12 677	1 703	2 487	296	717	2 243
Electric heat pump -----	194	28	8	4	16	166	15	40	5	12	69
Other built-in electric units -----	522	36	13	35	63	486	59	75	12	32	138
Floor, wall, or pipeless furnace -----	521	10	18	28	17	511	63	71	13	25	109
Room heaters with flue -----	1 185	36	67	89	68	1 149	77	285	41	128	201
Room heaters without flue -----	110	20	28	42	42	308	5	32	-	27	50
Fireplaces, stoves, or portable room heaters -----	01	-	7	3	39	101	21	28	2	19	21
None -----	43	-	-	4	-	43	-	19	-	4	-
SELECTED CHARACTERISTICS											
No telephone -----	1 662	20	37	92	107	1 642	183	454	55	137	303
No complete kitchen facilities -----	359	-	8	2	31	359	25	44	6	40	23
Lacking air conditioning -----	12 930	540	613	625	394	12 390	1 577	2 710	305	718	2 364
Lacking public sewer -----	1 460	120	320	104	237	1 340	202	472	106	354	372
No vehicle available -----	3 301	145	92	82	109	3 156	322	464	38	162	376
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	11 863	342	479	420	220	11 521	1 285	1 863	232	481	1 592
1979 to March 1980 -----	1 668	54	43	50	46	1 614	176	390	43	136	321
1975 to 1978 -----	3 325	140	153	153	50	3 185	422	664	92	119	454
1970 to 1974 -----	2 368	93	61	139	30	2 275	210	366	38	131	369
1960 to 1969 -----	2 795	41	143	57	57	2 754	294	346	32	62	308
1950 to 1959 -----	1 154	14	55	19	19	1 140	134	74	20	14	88
1949 or earlier -----	553	-	24	2	18	553	49	23	7	19	12
Renter-occupied housing units -----	8 566	767	299	362	320	7 799	788	1 476	160	542	1 590
1979 to March 1980 -----	4 213	509	170	185	179	3 704	507	911	93	321	845
1975 to 1978 -----	2 936	219	83	114	85	2 717	209	405	48	169	545
1970 to 1974 -----	799	37	39	39	22	762	28	112	12	36	132
1960 to 1969 -----	455	-	2	17	16	455	38	25	7	16	53
1959 or earlier -----	163	2	5	7	18	161	6	23	-	-	15
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	2 259	28	68	27	53	2 231	186	190	40	79	120
Owner-occupied housing units -----	1 524	7	54	13	35	1 517	135	119	35	58	41
Lacking complete plumbing for exclusive use -----	88	-	-	-	3	88	-	13	-	-	-
No complete kitchen facilities -----	53	-	-	-	3	53	7	7	-	-	3
No vehicle available -----	821	6	29	-	26	815	87	66	4	30	58
No telephone -----	129	-	-	-	11	129	6	10	-	3	-
Lacking central heating system -----	190	-	5	-	27	190	11	22	-	17	7
Lacking air conditioning -----	1 510	28	55	16	47	1 482	146	157	31	65	84

Table 80. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegon— Norton Shores— Muskegon Heights, Mich.	Saginow, Mich.	Toledo, Ohio—Mich.			Ann Arbor, Mich.	Battle Creek, Mich.	Boy City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
Occupied housing units	940	3 165	5 001	367	4 634	1 005	318	656	127	17 918	1 700
YEAR STRUCTURE BUILT											
1979 to March 1980	23	39	135	15	120	23	—	11	—	244	30
1975 to 1978	41	141	238	43	195	77	6	28	—	652	67
1970 to 1974	80	300	494	61	433	232	36	68	39	1 331	130
1960 to 1969	106	456	675	73	602	291	30	66	12	2 662	286
1950 to 1959	210	570	598	53	545	134	66	90	36	3 471	407
1940 to 1949	202	638	741	47	694	88	62	140	29	3 167	288
1939 or earlier	278	1 021	2 120	75	2 045	160	118	253	11	6 391	492
BEDROOMS											
None	15	34	53	3	50	38	—	16	6	378	33
1	118	341	756	68	688	324	55	100	15	2 499	319
2	332	1 056	1 542	62	1 480	339	92	183	37	5 007	506
3	300	1 292	1 919	183	1 736	229	89	194	35	7 230	656
4	145	355	561	46	515	41	63	123	34	2 291	145
5 or more	30	87	170	5	165	34	19	40	—	513	41
UNITS IN STRUCTURE											
1, detached	656	2 448	3 130	283	2 847	263	215	452	70	10 888	1 132
1, attached	16	57	109	2	107	96	14	8	—	764	34
2	85	242	544	2	542	61	21	56	16	2 323	127
3 and 4	52	173	275	18	257	67	—	59	8	1 047	109
5 to 9	40	112	269	20	249	196	17	36	—	823	55
10 to 49	20	72	365	17	348	252	51	11	15	1 282	138
50 or more	11	13	103	18	85	60	—	9	—	643	26
Mobile home or trailer, etc.	60	48	206	7	199	10	—	25	18	148	79
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	339	1 010	2 211	119	2 092	721	99	289	60	7 060	673
1, mobile home or trailer, etc.	150	491	807	53	754	107	31	135	25	1 926	294
Median gross rent	\$253	\$281	\$250	\$238	\$252	\$305	\$258	\$288	\$273	\$281	\$288
2 or more	189	519	1 404	66	1 338	614	68	154	35	5 134	379
Median gross rent	\$186	\$215	\$216	\$175	\$218	\$282	\$205	\$217	\$207	\$227	\$223
BATHROOMS											
No bathroom or only a half bath	43	33	168	21	147	19	—	5	—	468	31
1 complete bathroom	766	2 380	3 927	273	3 654	678	247	513	92	11 995	1 283
1 complete bathroom plus half bath(s)	78	432	502	39	463	181	26	91	16	3 171	279
2 or more complete bathrooms	53	320	404	34	370	127	45	47	19	2 284	107
SOURCE OF WATER											
Public system or private company	628	2 855	4 250	181	4 069	977	251	651	90	17 559	1 523
Individual drilled well	253	291	579	137	442	19	67	5	27	322	168
Individual dug well	53	19	129	41	88	9	—	—	10	23	9
Some other source	6	—	43	8	35	—	—	—	—	14	—
HEATING EQUIPMENT											
Steam or hot water system	66	300	513	47	466	233	37	56	11	3 718	74
Central warm-air furnace	581	2 161	2 852	187	2 665	655	247	466	75	11 818	1 444
Electric heat pump	5	20	129	3	126	26	—	—	—	135	15
Other built-in electric units	39	105	371	45	326	46	—	15	8	414	43
Floor, wall, or pipeless furnace	67	141	301	17	284	15	11	24	10	447	43
Room heaters with flue	108	342	568	43	525	30	12	64	10	999	61
Room heaters without flue	15	61	169	7	162	—	6	27	13	288	5
Fireplaces, stoves, or portable room heaters	56	35	97	18	79	—	5	—	—	65	15
None	3	—	1	—	1	—	—	4	—	34	—
SELECTED CHARACTERISTICS											
No telephone	120	282	858	60	798	17	—	81	26	1 523	163
No complete kitchen facilities	12	54	144	17	127	—	—	—	23	335	25
Lacking air conditioning	826	2 550	3 318	275	3 043	459	239	502	82	11 340	1 247
Lacking public sewer	387	433	944	227	717	33	107	29	39	657	20
No vehicle available	115	457	580	41	539	145	44	75	30	3 058	268
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	578	2 102	2 707	241	2 466	254	215	356	57	10 644	1 023
1979 to March 1980	73	219	349	36	313	46	18	38	—	1 459	129
1975 to 1978	150	561	764	55	709	79	66	130	19	2 933	330
1970 to 1974	130	596	661	67	594	84	15	118	5	2 048	175
1960 to 1969	149	461	621	55	566	31	65	51	26	2 613	241
1950 to 1959	64	213	206	25	181	14	31	19	—	1 063	113
1949 or earlier	12	52	106	3	103	—	20	—	7	528	35
Renter-occupied housing units	362	1 063	2 294	126	2 168	751	103	300	70	7 274	677
1979 to March 1980	163	553	1 210	70	1 140	496	56	156	36	3 408	431
1975 to 1978	132	325	770	30	740	222	29	93	14	2 536	182
1970 to 1974	32	149	144	19	125	33	18	27	13	731	24
1960 to 1969	23	31	140	7	133	—	—	17	7	447	34
1959 or earlier	12	5	30	—	30	—	—	7	—	152	6
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	105	188	316	48	268	26	36	20	4	2 113	147
Owner-occupied housing units	71	149	236	38	198	5	28	6	4	1 417	108
Lacking complete plumbing for exclusive use	2	2	15	3	12	—	—	—	—	80	—
No complete kitchen facilities	5	4	33	9	24	—	—	—	—	55	7
No vehicle available	26	60	99	10	89	6	15	—	—	808	68
No telephone	3	16	15	—	15	—	—	—	—	124	4
Lacking central heating system	39	55	101	9	92	—	—	—	4	163	5
Lacking air conditioning	75	166	242	40	202	26	29	9	4	1 382	109

Table 80. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.

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

**SCSA's
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Urbanized Areas
Places of 50,000 or More
and Central Cities of
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	Urbanized areas—Con.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon— Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
Occupied housing units	2 116	249	642	2 473	608	273	2 725	853	766	87
YEAR STRUCTURE BUILT										
1979 to March 1980	30	5	15	38	—	—	35	5	5	—
1975 to 1978	63	6	30	168	20	12	93	25	25	—
1970 to 1974	207	9	62	331	35	33	228	74	74	—
1960 to 1969	255	12	168	472	55	15	386	62	54	8
1950 to 1959	288	38	128	386	159	25	500	222	192	30
1940 to 1949	419	48	82	311	136	29	555	149	138	11
1939 or earlier	854	131	157	767	203	159	928	316	278	38
BEDROOMS										
None	60	13	4	58	15	11	34	21	16	5
1	295	22	151	408	84	41	283	161	136	25
2	657	118	233	891	219	73	947	339	296	43
3	710	65	165	782	169	93	1 107	204	190	14
4	303	21	61	249	103	55	292	82	82	—
5 or more	91	10	28	85	18	—	62	46	46	—
UNITS IN STRUCTURE										
1, detached	1 242	171	309	1 290	424	148	2 083	490	446	44
1, attached	37	12	22	118	12	5	55	32	32	—
2	384	35	103	253	70	57	240	93	85	8
3 and 4	184	13	14	195	37	27	150	69	53	16
5 to 9	107	9	36	178	28	17	111	46	35	11
10 to 49	128	—	103	355	20	7	70	83	75	8
50 or more	32	9	24	34	11	6	13	22	22	—
Mobile home or trailer, etc.	2	—	31	50	6	6	3	18	18	—
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	935	92	372	1 402	255	163	961	408	369	39
1, mobile home or trailer, etc.	192	48	116	434	100	56	470	144	144	—
Median gross rent	\$254	\$268	\$302	\$307	\$268	\$294	\$281	\$244	\$244	—
2 or more	743	44	256	968	155	107	491	264	225	39
Median gross rent	\$200	\$227	\$222	\$217	\$182	\$251	\$216	\$197	\$198	\$195
BATHROOMS										
No bathroom or only a half bath	62	15	9	69	19	25	26	17	17	—
1 complete bathroom	1 449	176	489	1 669	498	202	2 052	670	596	74
1 complete bathroom plus half bath(s)	439	36	93	491	60	35	355	98	93	5
2 or more complete bathrooms	166	22	51	244	31	11	292	68	60	8
SOURCE OF WATER										
Public system or private company	2 063	227	578	2 419	547	271	2 672	786	704	82
Individual drilled well	53	17	50	54	46	—	48	59	54	5
Individual dug well	—	5	12	—	15	2	5	8	8	—
Some other source	—	—	2	—	—	—	—	—	—	—
HEATING EQUIPMENT										
Steam or hot water system	239	23	38	300	39	31	272	21	17	4
Central warm-air furnace	1 569	204	495	1 754	437	162	1 836	554	513	41
Electric heat pump	37	5	7	67	6	6	18	25	25	—
Other built-in electric units	41	—	13	113	29	12	95	68	64	4
Floor, wall, or pipeless furnace	42	4	6	69	35	19	133	28	23	5
Room heaters with flue	157	13	71	119	40	32	295	122	89	33
Room heaters without flue	22	—	6	45	10	11	59	35	35	—
Fireplaces, stoves, or portable room heaters	5	—	6	6	18	—	17	—	—	—
None	4	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS										
No telephone	238	36	76	254	69	48	263	162	144	18
No complete kitchen facilities	29	6	13	17	—	6	48	21	16	5
Lacking air conditioning	1 656	200	415	1 767	529	230	2 194	626	552	74
Lacking public sewer	116	16	122	29	137	6	101	69	62	7
No vehicle available	360	35	132	322	100	39	423	151	99	52
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	1 173	153	266	1 066	353	110	1 715	427	388	39
1979 to March 1980	245	29	100	217	40	13	152	39	39	—
1975 to 1978	443	53	36	330	97	18	444	140	140	—
1970 to 1974	238	28	61	244	69	21	507	136	122	14
1960 to 1969	190	27	49	208	92	31	400	52	47	5
1950 to 1959	51	16	7	57	48	27	183	53	40	13
1949 or earlier	6	—	13	10	7	—	29	7	—	7
Renter-occupied housing units	943	96	376	1 407	255	163	1 010	426	378	48
1979 to March 1980	612	64	223	755	103	99	535	251	231	20
1975 to 1978	228	15	127	483	115	52	309	152	136	16
1970 to 1974	60	12	26	119	18	5	138	16	11	5
1960 to 1969	20	5	—	41	12	—	25	—	—	—
1959 or earlier	23	—	—	9	7	7	3	7	—	7
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	130	25	39	82	77	12	161	98	83	15
Owner-occupied housing units	81	20	25	23	48	12	124	80	65	15
Lacking complete plumbing for exclusive use	13	—	—	—	—	—	—	—	—	—
No complete kitchen facilities	7	—	—	—	—	—	—	—	—	—
No vehicle available	51	4	27	32	24	—	58	49	34	15
No telephone	—	—	—	—	—	—	14	—	—	—
Lacking central heating system	11	—	12	—	22	6	43	22	14	8
Lacking air conditioning	101	16	33	56	52	12	139	53	38	15

Table 80. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.**

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

**SCSA's
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Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Can.			Places								
	Toledo, Ohio—Mich.			Ann Arbor city	Battle Creek city	Bay City city	Benton Harbor city	Dearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city
	Total	Michigan (pt.)	Ohio (pt.)									
Occupied housing units	3 408	49	3 359	615	140	499	36	420	361	8 414	230	81
YEAR STRUCTURE BUILT												
1979 to March 1980	102	—	102	13	—	—	—	—	—	22	6	14
1975 to 1978	115	—	115	42	—	13	—	—	6	75	13	—
1970 to 1974	258	11	247	111	7	23	4	12	5	140	19	5
1960 to 1969	392	20	372	202	14	27	—	47	122	360	87	26
1950 to 1959	428	13	415	93	8	65	5	90	137	1 021	65	22
1940 to 1949	509	—	509	53	22	128	16	111	58	1 825	22	7
1939 or earlier	1 604	5	1 599	101	89	243	11	160	33	4 971	18	7
BEDROOMS												
None	36	—	36	38	—	14	6	—	—	260	6	—
1	546	5	541	176	15	70	9	57	18	1 360	55	6
2	1 091	3	1 088	214	40	107	10	147	86	2 442	133	25
3	1 249	31	1 218	137	34	166	5	176	222	2 971	16	24
4	384	10	374	29	40	102	6	34	27	998	7	26
5 or more	102	—	102	21	11	40	—	6	8	383	13	—
UNITS IN STRUCTURE												
1, detached	2 080	44	2 036	156	80	386	16	264	351	4 276	30	61
1, attached	74	—	74	77	14	—	—	6	—	322	28	6
2	442	—	442	35	21	50	5	113	—	1 843	16	—
3 and 4	208	—	208	38	—	47	4	12	—	637	5	—
5 to 9	204	—	204	130	11	11	—	10	10	294	7	8
10 to 49	278	—	278	133	14	—	6	—	—	687	132	6
50 or more	76	5	71	46	—	—	—	15	—	351	12	—
Mobile home or trailer, etc.	46	—	46	—	—	5	5	—	—	4	—	—
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	1 633	13	1 620	457	54	214	20	145	25	4 147	184	31
1, mobile home or trailer, etc.	534	8	526	80	16	123	5	25	15	1 015	12	17
Median gross rent	\$247	\$500+	\$245	\$413	\$275	\$294	\$275	\$181	\$450	\$259	\$238	\$500+
2 or more	1 099	5	1 094	377	38	91	15	120	10	3 132	172	14
Median gross rent	\$218	\$225	\$217	\$287	\$204	\$204	\$138	\$267	\$358	\$202	\$183	\$413
BATHROOMS												
No bathroom or only a half bath	42	—	42	14	—	5	—	6	—	340	14	—
1 complete bathroom	2 776	39	2 737	408	100	383	36	258	213	6 265	153	21
1 complete bathroom plus half bath(s)	328	5	323	120	15	64	—	85	81	1 098	36	23
2 or more complete bathrooms	262	5	257	73	25	47	—	71	67	711	27	37
SOURCE OF WATER												
Public system or private company	3 342	29	3 313	610	135	499	36	420	361	8 402	230	68
Individual drilled well	49	13	36	5	5	—	—	—	—	12	—	13
Individual dug well	17	7	10	—	—	—	—	—	—	—	—	—
Some other source	—	—	—	—	—	—	—	—	—	—	—	—
HEATING EQUIPMENT												
Steam or hot water system	390	—	390	152	16	47	11	87	17	2 656	107	13
Central warm-air furnace	2 009	37	1 972	416	107	330	15	306	338	4 255	100	54
Electric heat pump	105	—	105	6	—	—	—	—	—	73	8	—
Other built-in electric units	204	5	199	16	—	5	—	—	—	204	5	—
Floor, wall, or pipeless furnace	217	7	210	10	—	22	10	—	—	293	—	—
Room heaters with flue	350	—	350	15	6	64	—	27	—	670	10	14
Room heaters without flue	94	—	94	—	6	27	—	—	6	201	—	—
Fireplaces, stoves, or portable room heaters	39	—	39	—	5	—	—	—	—	34	—	—
None	—	—	—	—	—	4	—	—	—	28	—	—
SELECTED CHARACTERISTICS												
No telephone	542	—	542	7	—	81	20	7	6	1 095	—	—
No complete kitchen facilities	73	—	73	—	—	—	16	6	—	218	—	—
Lacking air conditioning	2 137	26	2 111	335	129	399	24	195	152	6 213	146	19
Lacking public sewer	180	26	154	10	15	—	5	—	—	182	—	13
No vehicle available	463	—	463	130	25	75	30	67	6	2 306	16	—
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	1 747	36	1 711	142	86	274	6	269	336	4 157	46	44
1979 to March 1980	242	12	230	42	12	22	—	44	39	510	13	21
1975 to 1978	476	—	476	48	21	101	—	53	93	1 018	20	7
1970 to 1974	425	24	401	34	8	95	—	60	72	765	—	5
1960 to 1969	386	—	386	13	16	43	—	48	98	1 096	13	11
1950 to 1959	124	—	124	5	16	13	—	52	20	513	—	—
1949 or earlier	94	—	94	—	13	—	—	12	14	255	—	—
Renter-occupied housing units	1 661	13	1 648	473	54	225	30	151	25	4 257	184	37
1979 to March 1980	906	—	906	295	33	112	—	75	4	1 791	93	31
1975 to 1978	553	13	540	165	21	68	—	38	14	1 585	91	—
1970 to 1974	83	—	83	13	—	21	—	7	—	495	—	—
1960 to 1969	102	—	102	—	—	17	—	24	—	292	—	6
1959 or earlier	17	—	17	—	—	7	—	7	—	94	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	213	—	213	16	21	—	—	74	18	1 194	6	—
Owner-occupied housing units	159	—	159	—	13	—	—	57	18	795	—	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	54	—	—
No complete kitchen facilities	14	—	14	—	—	—	—	—	—	27	—	—
No vehicle available	82	—	82	6	7	—	—	49	6	508	—	—
No telephone	11	—	11	—	—	—	—	—	—	89	—	—
Lacking central heating system	76	—	76	—	—	—	—	8	—	122	—	—
Lacking air conditioning	155	—	155	16	21	—	—	41	10	879	—	—

Table 80. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.

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

SCSA's
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	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kolomozoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shores city	Pontiac city	Portage city	Roseville city
Occupied housing units	1 074	1 515	193	389	1 850	272	298	109	112	1 274	124	135
YEAR STRUCTURE BUILT												
1979 to March 1980	8	11	5	4	20	24	—	—	—	—	5	5
1975 to 1978	—	10	—	—	96	6	—	—	7	40	24	8
1970 to 1974	29	61	5	13	229	35	25	—	5	60	17	—
1960 to 1969	118	108	12	97	309	112	13	15	21	214	50	77
1950 to 1959	225	185	18	84	247	89	56	21	44	261	16	26
1940 to 1949	248	332	34	52	256	6	73	27	25	361	6	11
1939 or earlier	446	808	119	139	693	—	131	46	10	338	6	8
BEDROOMS												
None	33	36	13	4	52	—	5	—	10	43	—	4
1	178	213	18	95	303	34	47	—	22	207	29	8
2	341	498	93	158	599	18	129	76	6	391	35	23
3	403	477	44	69	640	166	73	14	40	563	41	87
4	96	200	15	41	201	40	32	19	34	70	13	13
5 or more	23	91	10	22	55	14	12	—	—	—	6	—
UNITS IN STRUCTURE												
1, detached	713	813	119	163	1 044	238	188	69	89	842	82	98
1, attached	27	32	12	16	83	—	12	—	—	55	—	8
2	119	368	35	86	214	5	41	18	5	78	6	—
3 and 4	100	173	13	12	183	5	25	—	12	90	—	4
5 to 9	31	64	9	36	140	18	6	22	—	78	—	8
10 to 49	43	57	—	44	142	—	20	—	—	91	27	17
50 or more	5	8	5	24	16	6	6	—	—	33	—	—
Mobile home or trailer, etc.	36	—	—	8	28	—	—	—	6	7	9	—
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	446	743	83	266	1 008	45	131	51	50	510	49	32
1, mobile home or trailer, etc.	208	154	39	77	350	16	39	16	33	191	22	16
Median gross rent	\$283	\$247	\$252	\$292	\$307	\$420	\$265	\$256	\$247	\$285	\$467	\$234
2 or more	238	589	44	189	658	29	92	35	17	319	27	16
Median gross rent	\$193	\$193	\$227	\$198	\$214	\$370	\$174	\$178	\$385	\$225	\$225	\$250
BATHROOMS												
No bathroom or only a half bath	23	62	15	9	38	—	6	8	5	17	—	—
1 complete bathroom	836	1 050	135	319	1 307	97	258	80	82	1 008	77	114
1 complete bathroom plus half bath(s)	147	304	27	38	340	112	28	9	12	150	30	15
2 or more complete bathrooms	68	99	16	23	165	63	6	12	13	99	17	6
SOURCE OF WATER												
Public system or private company	1 074	1 509	193	389	1 842	267	298	109	95	1 258	81	135
Individual drilled well	—	6	—	—	8	—	—	—	12	16	31	—
Individual dug well	—	—	—	—	—	5	—	—	5	—	12	—
Some other source	—	—	—	—	—	—	—	—	—	—	—	—
HEATING EQUIPMENT												
Steam or hot water system	25	176	17	17	156	22	27	6	6	135	—	22
Central warm-air furnace	928	1 109	170	290	1 410	245	210	74	84	948	105	83
Electric heat pump	5	22	—	7	37	5	—	—	—	—	—	—
Other built-in electric units	22	17	—	13	71	—	29	—	—	50	—	4
Floor, wall, or pipeless furnace	21	28	—	6	58	—	7	7	7	28	—	16
Room heaters with flue	53	142	6	50	78	—	15	15	10	90	13	6
Room heaters without flue	5	17	—	6	40	—	10	—	—	17	—	—
Fireplaces, stoves, or portable room heaters	15	—	—	—	—	—	—	7	5	6	6	4
None	—	4	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS												
No telephone	130	223	36	65	224	11	48	6	15	136	—	—
No complete kitchen facilities	18	24	6	4	11	—	—	—	—	22	9	—
Lacking air conditioning	863	1 295	174	294	1 380	160	253	93	107	1 069	47	87
Lacking public sewer	—	43	7	14	14	5	6	—	88	31	61	—
No vehicle available	214	329	31	99	275	—	47	31	17	195	15	15
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	624	764	110	119	837	227	167	58	62	744	75	103
1979 to March 1980	70	193	23	34	168	46	19	21	—	66	29	32
1975 to 1978	198	283	30	28	264	62	37	—	32	169	6	29
1970 to 1974	86	148	21	25	198	38	36	6	5	223	18	18
1960 to 1969	158	108	20	18	146	72	50	10	20	219	16	18
1950 to 1959	84	26	16	7	51	9	25	14	5	54	—	—
1949 or earlier	28	6	—	7	10	—	—	7	—	13	6	6
Renter-occupied housing units	450	751	83	270	1 013	45	131	51	50	530	49	32
1979 to March 1980	288	486	55	158	549	27	85	—	18	295	23	4
1975 to 1978	117	182	11	86	314	18	34	33	25	211	26	20
1970 to 1974	18	43	12	26	111	—	12	6	—	9	—	8
1960 to 1969	27	20	5	—	30	—	—	5	7	15	—	—
1959 or earlier	—	20	—	—	9	—	—	7	—	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	81	98	21	33	42	39	48	19	5	78	—	20
Owner-occupied housing units	58	55	16	19	11	27	29	14	5	57	—	15
Lacking complete plumbing for exclusive use	—	13	—	—	—	—	—	—	—	—	—	—
No complete kitchen facilities	—	7	—	—	—	—	—	—	—	—	—	—
No vehicle available	45	39	—	27	16	—	14	5	—	27	—	15
No telephone	4	—	—	—	—	—	—	—	—	—	—	—
Lacking central heating system	5	7	—	12	—	—	15	7	—	—	—	—
Lacking air conditioning	61	69	16	27	34	22	35	12	5	67	—	5

Table 80. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.

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

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's

	Places—Con.											
	Royal Oak city	Saginaw city	St. Clair city	Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (COP)	Westland city	Wyoming city
Occupied housing units	167	1 904	165	195	194	488	185	416	315	363	332	
YEAR STRUCTURE BUILT												
1979 to March 1980	—	17	—	—	6	—	13	13	17	11	—	
1975 to 1978	—	29	—	22	12	41	37	27	37	15	30	
1970 to 1974	6	71	12	49	68	109	81	23	38	80	57	
1960 to 1969	44	198	30	60	98	149	41	200	105	102	74	
1950 to 1959	56	293	67	53	—	140	10	72	54	110	80	
1940 to 1949	31	460	33	11	—	21	3	63	49	27	59	
1939 or earlier	30	836	23	—	10	28	—	18	15	18	32	
BEDROOMS												
None	3	26	—	6	—	—	6	6	6	—	5	
1	26	227	12	47	37	40	18	42	63	74	53	
2	50	740	44	19	26	140	26	108	72	125	80	
3	74	640	72	56	102	258	77	221	151	148	133	
4	14	216	31	67	29	39	51	27	16	16	61	
5 or more	—	55	6	—	—	11	7	12	7	—	—	
UNITS IN STRUCTURE												
1, detached	96	1 412	140	113	134	340	94	306	217	191	242	
1, attached	15	31	14	14	12	43	35	32	—	23	—	
2	7	212	—	—	—	—	4	—	—	9	11	
3 and 4	15	123	—	6	6	22	27	21	12	32	11	
5 to 9	—	79	—	12	30	34	19	14	31	20	18	
10 to 49	28	39	6	11	6	42	—	19	28	46	31	
50 or more	6	8	5	28	6	7	6	6	23	42	17	
Mobile home or trailer, etc.	—	—	—	11	—	—	—	18	4	—	2	
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	51	789	18	87	48	157	75	91	120	157	107	
1, mobile home or trailer, etc.	3	388	13	30	6	62	24	44	32	21	24	
Median gross rent	\$500+	\$283	\$325	\$317	\$125	\$283	\$375	\$345	\$454	\$335	\$400	
2 or more	48	401	5	57	42	95	51	47	88	136	83	
Median gross rent	\$303	\$210	\$450	\$365	\$308	\$256	\$369	\$294	\$296	\$291	\$224	
BATHROOMS												
No bathroom or only a half bath	—	17	6	—	—	11	—	6	—	15	—	
1 complete bathroom	110	1 493	79	87	83	342	51	236	196	241	221	
1 complete bathroom plus half bath(s)	41	215	50	47	69	103	53	120	84	96	75	
2 or more complete bathrooms	16	179	30	61	42	32	81	54	35	11	36	
SOURCE OF WATER												
Public system or private company	167	1 904	165	189	184	488	185	416	250	363	325	
Individual drilled well	—	—	—	6	10	—	—	—	58	—	7	
Individual dug well	—	—	—	—	—	—	—	—	7	—	—	
Some other source	—	—	—	—	—	—	—	—	—	—	—	
HEATING EQUIPMENT												
Steam or hot water system	37	219	13	13	—	40	16	40	29	42	30	
Central warm-air furnace	120	1 187	147	163	178	395	164	328	260	288	252	
Electric heat pump	—	18	5	—	—	—	—	—	—	—	8	
Other built-in electric units	3	70	—	19	—	16	5	—	10	5	24	
Floor, wall, or pipeless furnace	7	101	—	—	—	21	—	5	—	13	9	
Room heaters with flue	—	245	—	—	—	6	—	43	11	15	4	
Room heaters without flue	—	59	—	—	6	5	—	—	5	—	5	
Fireplaces, stoves, or portable room heaters	—	5	—	—	10	5	—	—	—	—	—	
None	—	—	—	—	—	—	—	—	—	—	—	
SELECTED CHARACTERISTICS												
No telephone	—	233	13	6	6	21	—	—	4	14	15	
No complete kitchen facilities	6	43	—	4	—	23	—	—	—	—	5	
Lacking air conditioning	77	1 542	60	63	85	298	52	217	174	155	211	
Lacking public sewer	—	—	17	—	10	17	5	4	87	—	7	
No vehicle available	3	346	13	21	6	66	6	27	14	15	6	
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	116	1 073	147	101	140	315	110	325	195	206	225	
1979 to March 1980	14	88	12	23	12	35	30	62	17	38	26	
1975 to 1978	24	235	40	42	30	42	31	104	58	67	100	
1970 to 1974	20	295	17	5	38	80	37	29	46	59	31	
1960 to 1969	27	293	60	25	60	88	7	98	55	22	55	
1950 to 1959	25	135	6	6	—	40	5	13	19	12	13	
1949 or earlier	6	27	12	—	—	30	—	19	—	8	—	
Renter-occupied housing units	51	831	18	94	54	173	75	91	120	157	107	
1979 to March 1980	36	450	13	80	24	70	40	71	69	74	67	
1975 to 1978	6	249	5	10	24	62	31	6	47	75	25	
1970 to 1974	9	109	—	4	—	25	4	—	4	8	12	
1960 to 1969	—	20	—	—	6	16	—	10	—	—	—	
1959 or earlier	—	3	—	—	—	—	—	4	—	—	3	
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	49	129	29	25	12	46	11	50	26	54	22	
Owner-occupied housing units	34	97	29	13	—	34	5	50	14	14	16	
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	8	—	
No complete kitchen facilities	—	—	—	—	—	7	—	—	—	—	—	
No vehicle available	—	53	—	12	—	25	6	7	14	8	6	
No telephone	—	14	—	—	—	—	—	7	4	—	—	
Lacking central heating system	—	39	—	—	—	6	—	4	4	8	—	
Lacking air conditioning	18	107	11	13	—	33	—	26	18	—	22	

Table 80a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 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]

Towns/Townships of 50,000 or More	Clinton township, Macomb County	Redford township	Waterford township
	Occupied housing units -----	193	155	315
YEAR STRUCTURE BUILT			
1979 to March 1980 -----	16	--	17
1975 to 1978 -----	18	--	37
1970 to 1974 -----	49	6	38
1960 to 1969 -----	58	14	105
1950 to 1959 -----	31	108	54
1940 to 1949 -----	14	16	49
1939 or earlier -----	7	11	15
BEDROOMS			
None -----	--	--	6
1 -----	--	8	63
2 -----	56	33	72
3 -----	84	85	151
4 -----	53	29	16
5 or more -----	--	--	7
UNITS IN STRUCTURE			
1, detached -----	111	147	217
1, attached -----	23	--	--
2 -----	--	--	--
3 and 4 -----	6	--	12
5 to 9 -----	25	--	31
10 to 49 -----	21	--	28
50 or more -----	7	8	23
Mobile home or trailer, etc. -----	--	--	4
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units			
1, mobile home or trailer, etc. -----	16	15	32
Median gross rent -----	\$433	\$342	\$454
2 or more -----	38	--	88
Median gross rent -----	\$297	--	\$296
BATHROOMS			
No bathroom or only a half bath -----	--	--	--
1 complete bathroom -----	61	88	196
1 complete bathroom plus half bath(s) -----	97	48	84
2 or more complete bathrooms -----	35	19	35
SOURCE OF WATER			
Public system or private company -----	187	155	250
Individual drilled well -----	6	--	58
Individual dug well -----	--	--	7
Some other source -----	--	--	--
HEATING EQUIPMENT			
Steam or hot water system -----	24	5	29
Central warm-air furnace -----	151	137	260
Electric heat pump -----	--	9	--
Other built-in electric units -----	7	--	10
Floor, wall, or pipeless furnace -----	11	--	--
Room heaters with flue -----	--	4	11
Room heaters without flue -----	--	--	5
Fireplaces, stoves, or portable room heaters -----	--	--	--
None -----	--	--	--
SELECTED CHARACTERISTICS			
No telephone -----	12	--	4
No complete kitchen facilities -----	--	--	--
Lacking air conditioning -----	71	69	174
Lacking public sewer -----	6	--	87
No vehicle available -----	17	14	14
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units			
1979 to March 1980 -----	139	129	195
1975 to 1978 -----	23	11	17
1970 to 1974 -----	38	52	58
1960 to 1969 -----	19	11	46
1950 to 1959 -----	59	36	55
1949 or earlier -----	--	8	19
1949 or earlier -----	--	11	--
Renter-occupied housing units			
1979 to March 1980 -----	54	26	120
1975 to 1978 -----	21	6	69
1970 to 1974 -----	23	20	47
1960 to 1969 -----	5	--	4
1959 or earlier -----	5	--	--
1959 or earlier -----	--	--	--
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units			
Owner-occupied housing units -----	--	14	26
Lacking complete plumbing for exclusive use -----	--	14	14
No complete kitchen facilities -----	--	--	--
No vehicle available -----	--	14	14
No telephone -----	--	--	4
Lacking central heating system -----	--	--	4
Lacking air conditioning -----	--	6	18

Table 81. Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 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.]

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's

	SCSA's	SMSA's									
	Detroit-Ann Arbor, Mich.	Ann Arbor, Mich.	Bottle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo-Portage, Mich.	Lansing-East Lansing, Mich.
Occupied housing units -----	1 276 324	81 501	61 227	40 454	52 410	1 194 823	151 156	192 881	48 066	90 701	148 451
HOUSE HEATING FUEL											
Utility gas -----	1 115 184	62 781	37 168	31 955	30 035	1 052 403	119 015	160 239	33 753	58 913	101 838
Bottled, tank, or LP gas -----	16 120	2 063	3 400	1 352	1 050	14 057	3 839	4 374	2 598	3 214	4 889
Electricity -----	46 625	4 897	2 742	1 456	8 626	41 728	5 440	4 082	2 159	5 437	9 812
Fuel oil, kerosene, etc -----	89 171	10 889	15 762	4 846	11 523	78 282	21 157	21 113	8 434	20 394	26 690
Coal or coke -----	990	65	86	74	88	925	109	159	49	268	1 545
Wood -----	6 097	557	1 983	685	992	5 540	1 445	2 607	1 001	2 189	3 082
Other fuel -----	1 893	243	76	71	62	1 650	97	277	63	224	564
No fuel used -----	244	6	10	15	34	238	54	30	9	62	31
WATER HEATING FUEL											
Utility gas -----	1 046 655	56 294	35 403	29 391	20 570	990 361	105 204	149 963	29 177	55 064	91 584
Bottled, tank, or LP gas -----	18 703	1 959	4 142	1 347	680	16 744	4 134	5 756	2 331	3 980	5 834
Electricity -----	203 505	22 199	20 226	9 328	30 578	181 306	40 560	34 007	16 022	28 216	47 605
Fuel oil, kerosene, etc -----	5 229	856	1 207	177	374	4 373	1 002	2 768	382	2 997	1 790
Other -----	1 254	105	102	98	69	1 149	120	244	72	247	1 389
No fuel used -----	978	88	147	113	139	890	136	143	82	197	249
COOKING FUEL											
Utility gas -----	586 292	25 823	20 712	19 324	11 235	560 469	50 311	104 101	18 600	29 533	40 310
Bottled, tank, or LP gas -----	15 136	1 734	5 956	2 212	1 704	13 402	4 335	7 108	3 420	6 683	7 614
Electricity -----	673 030	53 755	34 337	18 836	39 309	619 275	96 254	81 307	25 944	54 263	100 158
Other -----	661	66	145	65	76	595	141	182	76	139	257
No fuel used -----	1 205	123	77	17	86	1 082	115	183	26	83	112
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	813 749	35 605	35 994	26 017	30 258	778 144	96 456	118 220	28 664	48 439	77 035
With a mortgage -----	549 003	25 992	20 821	14 167	17 066	523 011	61 889	75 405	16 596	30 199	51 090
Less than \$100 -----	2 478	27	37	12	26	451	95	37	64	33	60
\$100 to \$149 -----	2 348	30	246	70	174	2 318	329	664	193	186	268
\$150 to \$199 -----	9 268	147	993	312	637	9 121	1 580	2 738	562	974	1 315
\$200 to \$249 -----	39 410	886	2 738	1 434	2 114	38 523	6 866	9 761	2 154	3 185	4 526
\$250 to \$299 -----	76 458	1 815	4 475	2 217	2 946	74 643	10 732	13 524	2 898	4 604	7 598
\$300 to \$349 -----	86 110	2 670	3 675	2 785	3 049	83 440	11 897	13 566	2 967	5 062	8 574
\$350 to \$399 -----	75 712	3 163	2 860	2 367	2 458	72 549	9 884	10 602	2 440	4 076	7 035
\$400 to \$449 -----	61 329	3 127	1 766	1 710	1 862	58 202	7 102	7 986	1 677	3 308	6 204
\$450 to \$499 -----	47 680	2 789	1 327	1 162	1 355	44 891	4 967	5 095	1 338	2 558	4 467
\$500 to \$599 -----	64 932	4 741	1 477	1 169	1 205	60 191	4 874	6 016	1 278	3 171	5 721
\$600 to \$749 -----	48 178	3 703	858	615	814	44 475	2 475	3 400	774	1 963	3 290
\$750 or more -----	37 100	2 893	369	314	426	34 207	1 088	2 016	251	1 079	2 032
Median -----	\$390	\$470	\$326	\$355	\$343	\$387	\$348	\$340	\$341	\$363	\$372
Not mortgaged -----	264 746	9 613	15 173	11 850	13 192	255 133	34 567	42 815	12 068	18 240	25 945
Less than \$50 -----	327	—	30	—	6	327	37	64	29	71	78
\$50 to \$74 -----	1 850	12	349	97	201	1 838	282	665	176	263	386
\$75 to \$99 -----	9 180	194	1 409	542	1 291	8 986	1 993	3 439	1 055	1 276	1 706
\$100 to \$149 -----	73 467	1 345	6 566	3 873	5 472	72 122	12 062	19 562	4 771	6 823	9 115
\$150 to \$199 -----	98 064	3 173	4 445	4 564	3 953	94 891	12 192	13 037	3 772	6 069	8 558
\$200 to \$249 -----	48 068	2 473	1 529	1 960	1 446	46 135	5 238	3 973	1 520	2 423	3 693
\$250 or more -----	33 250	2 416	845	814	823	30 834	2 763	2 075	745	1 315	2 409
Median -----	\$172	\$202	\$144	\$164	\$147	\$171	\$160	\$145	\$150	\$155	\$158
GROSS RENT											
Specified renter-occupied housing units	313 652	34 754	12 588	7 764	12 388	278 898	31 224	44 469	10 651	25 579	44 785
Less than \$50 -----	1 051	67	80	47	72	984	110	240	47	58	157
\$50 to \$59 -----	1 712	50	83	107	161	1 662	204	244	83	121	259
\$60 to \$79 -----	4 490	311	215	342	170	4 179	361	610	178	401	573
\$80 to \$99 -----	4 327	263	233	163	149	4 064	257	633	178	389	650
\$100 to \$119 -----	5 274	285	283	205	217	4 989	517	1 036	176	563	738
\$120 to \$149 -----	12 536	775	741	359	639	11 761	1 062	2 411	484	1 379	1 545
\$150 to \$169 -----	12 186	842	972	521	455	11 344	1 329	2 771	830	1 625	3 322
\$170 to \$199 -----	19 540	1 723	1 762	875	1 505	17 817	2 618	5 972	1 237	2 940	3 918
\$200 to \$249 -----	48 372	4 621	3 150	1 943	3 320	43 751	7 461	12 166	2 560	6 284	9 692
\$250 to \$299 -----	65 332	7 596	2 356	1 438	2 677	57 736	8 059	7 961	2 117	4 845	9 264
\$300 to \$349 -----	60 083	7 842	1 104	835	1 346	52 241	4 409	4 699	1 150	2 878	6 438
\$350 to \$399 -----	29 552	3 520	520	341	528	25 674	1 930	2 072	548	1 547	2 997
\$400 to \$499 -----	25 123	3 559	285	174	308	21 564	1 270	1 231	304	1 189	2 566
\$500 or more -----	12 561	2 367	50	27	88	10 194	362	482	109	291	1 211
No cash rent -----	11 513	575	754	387	703	10 938	1 275	1 941	650	1 069	1 455
Median -----	\$283	\$304	\$224	\$227	\$237	\$280	\$256	\$229	\$235	\$238	\$254
HOUSEHOLD INCOME IN 1979											
Occupied housing units -----	1 276 324	81 501	61 227	40 454	52 410	1 194 823	151 156	192 881	48 066	90 701	148 451
Median income -----	\$22 696	\$21 289	\$18 085	\$19 041	\$17 307	\$22 801	\$21 177	\$19 331	\$18 642	\$18 284	\$19 337
Owner-occupied housing units -----	953 773	45 484	47 593	32 332	38 850	908 289	118 522	146 652	36 739	63 676	101 195
Median income -----	\$25 936	\$27 915	\$20 561	\$21 236	\$20 010	\$25 835	\$23 644	\$21 639	\$21 204	\$21 554	\$22 922
Renter-occupied housing units -----	322 551	36 017	13 634	8 122	13 560	286 534	32 634	46 229	11 327	27 025	47 256
Median income -----	\$14 478	\$14 151	\$10 952	\$10 107	\$11 187	\$14 526	\$12 926	\$12 494	\$11 847	\$11 466	\$12 385
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units -----	42 100	1 344	3 059	2 265	2 473	40 756	6 525	7 061	2 355	3 490	4 992
Percent below poverty level -----	4.4	3.0	6.4	7.0	6.4	4.5	5.5	4.8	6.4	5.5	4.9
Complete plumbing for exclusive use -----	41 643	1 320	2 943	2 135	2 417	40 323	6 455	6 910	2 304	3 401	4 846
1.01 or more persons per room -----	1 299	31	108	52	76	1 268	159	203	84	114	150
Lacking complete plumbing for exclusive use -----	457	24	116	130	56	433	70	151	51	89	146
1.01 or more persons per room -----	4	—	14	17	—	4	—	4	—	12	3
Renter-occupied housing units -----	50 633	6 444	2 948	2 188	2 902	44 189	6 874	7 545	2 145	5 601	9 717
Percent below poverty level -----	15.7	17.9	21.6	26.7	21.4	15.4	21.1	16.3	18.9	20.7	20.6
Complete plumbing for exclusive use -----	48 848	6 155	2 750	2 077	2 800	42 693	6 572	7 309	2 062	5 386	9 346
1.01 or more persons per room -----	2 098	223	152	37	184	1 875	319	211	48	263	510
Lacking complete plumbing for exclusive use -----	1 785	289	198	91	102	1 496	302	236	83	215	371
1.01 or more persons per room -----	108	28	23	7	—	80	21	6	8	17	46

Table 81. Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegon— Norton Shores— Muskegon Heights, Mich.	Saginaw, Mich.	Toledo, Ohio—Mich.			Ann Arbor, Mich.	Bottle Creek, Mich.	Boy City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
Occupied housing units	55 353	62 895	250 805	42 094	208 711	64 964	25 585	27 450	16 052	1 024 132	91 520
HOUSE HEATING FUEL											
Utility gas.....	41 305	47 002	175 841	27 392	148 449	56 745	21 036	25 042	11 799	944 013	80 292
Bottled, tank, or LP gas.....	2 869	2 244	15 675	4 136	11 539	429	155	179	103	4 052	4 733
Electricity.....	1 747	2 766	31 642	2 298	29 344	4 542	1 028	918	1 901	30 122	3 384
Fuel oil, kerosene, etc.....	7 544	9 594	24 787	7 419	17 368	2 879	3 229	1 148	2 152	42 737	6 776
Coal or coke.....	38	135	538	139	399	45	4	37	21	807	42
Wood.....	1 803	1 083	1 953	651	1 302	75	78	62	62	807	218
Other fuel.....	25	50	306	46	260	243	48	57	14	1 519	48
No fuel used.....	22	21	63	13	50	6	7	7	—	207	27
WATER HEATING FUEL											
Utility gas.....	37 793	42 298	160 624	22 586	138 038	51 929	21 459	23 816	8 817	902 470	73 543
Bottled, tank, or LP gas.....	2 957	2 044	10 968	3 519	7 449	489	283	259	97	7 798	1 074
Electricity.....	13 874	17 905	77 362	15 560	61 802	12 008	3 674	3 261	6 975	109 792	16 475
Fuel oil, kerosene, etc.....	461	431	1 087	249	838	409	140	33	111	2 639	339
Other.....	111	53	193	49	144	68	19	39	12	965	42
No fuel used.....	157	164	571	131	440	61	10	42	40	468	47
COOKING FUEL											
Utility gas.....	25 820	23 203	93 071	11 784	81 287	24 627	12 282	15 598	3 773	511 567	35 320
Bottled, tank, or LP gas.....	4 522	2 929	11 857	2 622	9 235	453	254	317	105	4 517	917
Electricity.....	24 849	36 630	145 435	27 576	117 859	39 760	12 994	11 485	12 107	506 831	55 162
Other.....	110	95	192	67	125	—	12	36	5	290	61
No fuel used.....	52	38	250	45	205	124	43	14	62	927	60
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	33 882	40 325	149 808	25 976	123 832	25 104	16 585	18 259	9 622	676 671	58 498
With a mortgage.....	17 710	24 134	88 636	16 299	72 337	18 739	9 710	9 435	5 588	452 034	36 337
Less than \$100.....	55	32	170	23	147	27	22	12	5	397	58
\$100 to \$149.....	299	113	829	123	706	36	155	62	78	2 009	270
\$150 to \$199.....	1 484	656	3 209	267	2 942	118	632	220	202	8 106	1 186
\$200 to \$249.....	3 282	2 206	9 225	1 005	8 220	771	1 530	1 043	554	34 662	5 021
\$250 to \$299.....	3 405	3 719	13 171	2 085	11 086	1 541	2 255	1 681	849	67 162	7 059
\$300 to \$349.....	2 876	4 026	13 132	2 389	10 743	2 251	1 612	1 941	891	73 744	7 126
\$350 to \$399.....	2 158	3 777	12 105	2 486	9 619	2 472	1 160	1 456	819	62 516	5 177
\$400 to \$449.....	1 382	2 554	9 980	2 407	7 573	2 265	648	1 109	697	49 156	3 588
\$450 to \$499.....	839	2 251	7 557	1 734	5 823	1 879	498	717	533	37 632	2 569
\$500 to \$599.....	1 015	2 475	9 055	2 040	7 015	3 089	672	609	439	49 924	2 414
\$600 to \$749.....	584	1 611	6 359	1 183	5 176	2 322	349	406	365	37 142	1 289
\$750 or more.....	331	714	3 844	557	3 287	1 968	177	179	156	29 584	580
Median.....	\$306	\$367	\$369	\$395	\$362	\$448	\$308	\$344	\$363	\$382	\$332
Not mortgaged.....	16 172	16 191	61 172	9 677	51 495	6 365	6 875	8 824	4 034	224 637	22 161
Less than \$50.....	41	54	176	19	157	—	5	—	—	289	29
\$50 to \$74.....	571	147	1 335	51	1 284	6	131	68	50	1 619	164
\$75 to \$99.....	2 204	867	6 112	368	5 744	116	715	358	342	7 644	1 448
\$100 to \$149.....	7 423	5 315	26 610	2 462	23 948	877	3 338	3 034	1 536	63 631	8 658
\$150 to \$199.....	4 209	5 752	17 686	3 761	13 925	2 102	1 750	3 423	1 232	83 956	7 473
\$200 to \$249.....	1 086	2 644	6 168	1 893	4 275	1 620	582	1 383	534	40 436	2 861
\$250 or more.....	638	1 412	3 085	923	2 162	1 644	354	558	340	27 062	1 528
Median.....	\$135	\$164	\$144	\$172	\$139	\$203	\$138	\$162	\$153	\$171	\$154
GROSS RENT											
Specified renter-occupied housing units	11 210	13 082	65 492	7 993	57 499	33 014	7 119	6 454	4 574	251 231	23 241
Less than \$50.....	88	87	483	73	410	67	53	47	40	930	92
\$50 to \$59.....	104	123	420	76	344	50	61	107	87	1 530	204
\$60 to \$79.....	392	303	1 057	134	923	311	99	326	77	3 962	292
\$80 to \$99.....	237	147	1 297	102	1 195	247	155	160	59	3 802	210
\$100 to \$119.....	352	276	1 633	170	1 463	262	142	177	108	4 715	391
\$120 to \$149.....	818	520	3 168	229	2 939	654	432	292	223	11 025	773
\$150 to \$169.....	796	526	3 028	286	2 742	794	600	460	167	10 372	1 000
\$170 to \$199.....	1 750	1 010	6 568	853	5 715	1 512	1 196	732	471	15 941	1 883
\$200 to \$249.....	2 980	2 794	15 290	1 720	13 570	4 180	1 910	1 675	1 204	38 377	5 442
\$250 to \$299.....	1 518	3 199	14 540	1 885	12 655	7 128	1 281	1 217	988	51 622	6 044
\$300 to \$349.....	880	1 913	7 785	995	6 790	7 573	444	641	568	47 592	3 427
\$350 to \$399.....	416	933	3 696	478	3 218	3 972	310	261	253	23 228	1 546
\$400 to \$499.....	164	571	2 769	474	2 295	3 599	127	100	122	19 507	907
\$500 or more.....	32	96	1 058	134	924	2 225	20	27	32	9 465	263
No cash rent.....	683	584	2 700	384	2 316	440	289	232	175	9 163	767
Median.....	\$212	\$257	\$245	\$254	\$244	\$307	\$216	\$224	\$241	\$280	\$258
HOUSEHOLD INCOME IN 1979											
Occupied housing units	55 353	62 895	250 805	42 094	208 711	64 964	25 585	27 450	16 052	1 024 132	91 520
Median income.....	\$16 429	\$20 632	\$19 198	\$21 336	\$18 697	\$20 011	\$17 151	\$18 042	\$17 689	\$22 839	\$20 230
Owner-occupied housing units.....	49 389	49 074	182 108	33 334	148 774	31 435	18 329	20 868	11 377	768 324	67 947
Median income.....	\$18 316	\$22 935	\$22 088	\$23 297	\$21 820	\$27 213	\$20 588	\$20 844	\$21 079	\$26 060	\$23 500
Renter-occupied housing units.....	11 964	13 821	68 697	8 760	59 937	33 529	7 256	6 582	4 675	255 808	23 573
Median income.....	\$10 320	\$12 000	\$12 005	\$12 729	\$11 911	\$14 092	\$10 316	\$9 606	\$11 530	\$14 550	\$12 817
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	3 111	2 836	9 335	1 615	7 720	989	1 144	1 446	524	33 479	3 892
Percent below poverty level.....	7.2	5.8	5.1	4.8	5.2	3.1	6.2	6.9	4.6	4.4	5.7
Complete plumbing for exclusive use.....	3 030	2 762	9 100	1 553	7 547	984	1 134	1 394	510	33 240	3 869
1.01 or more persons per room.....	164	113	212	80	132	25	29	13	8	1 021	104
Lacking complete plumbing for exclusive use.....	81	74	235	62	173	5	10	52	14	239	23
1.01 or more persons per room.....	4	5	22	13	9	—	—	—	—	4	—
Renter-occupied housing units	2 825	2 725	12 849	1 626	11 223	6 202	1 679	1 797	908	39 077	5 008
Percent below poverty level.....	23.6	19.7	18.7	18.6	18.7	18.5	23.1	27.3	19.4	15.3	21.2
Complete plumbing for exclusive use.....	2 752	2 666	12 241	1 523	10 718	5 947	1 554	1 731	870	37 760	4 794
1.01 or more persons per room.....	120	118	627	97	530	203	49	30	26	1 630	231
Lacking complete plumbing for exclusive use.....	73	59	608	103	505	255	125	66	38	1 317	214
1.01 or more persons per room.....	5	2	45	6	39	28	12	—	—	63	17

Table 81. **Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Can.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon— Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
Occupied housing units	120 795	25 567	50 419	80 083	31 909	20 557	38 099	74 037	65 774	8 263
HOUSE HEATING FUEL										
Utility gas	115 376	22 630	40 705	66 574	30 174	17 980	33 973	59 945	53 004	6 941
Bottled, tank, or LP gas	435	134	283	283	113	94	153	428	374	54
Electricity	2 143	948	2 054	6 264	928	1 168	1 723	7 573	6 848	725
Fuel oil, kerosene, etc	2 328	1 683	6 767	4 822	528	1 192	2 087	5 707	5 219	488
Coal or coke	24	17	208	1 424	29	30	56	50	50	—
Wood	257	93	218	178	124	72	62	189	146	43
Other fuel	204	57	171	529	13	21	32	135	123	12
No fuel used	28	5	13	9	—	—	13	10	10	—
WATER HEATING FUEL										
Utility gas	111 499	21 219	39 624	61 556	28 844	15 045	32 221	52 514	47 408	5 106
Bottled, tank, or LP gas	527	282	510	702	136	141	267	458	394	64
Electricity	8 375	3 952	9 161	16 204	2 830	5 249	5 436	20 810	17 742	3 068
Fuel oil, kerosene, etc	236	56	897	346	38	65	121	156	154	2
Other	107	23	161	1 203	33	12	14	43	43	—
No fuel used	51	35	66	72	28	45	40	56	33	23
COOKING FUEL										
Utility gas	84 597	13 553	19 884	23 923	19 251	7 837	17 625	39 110	35 830	3 280
Bottled, tank, or LP gas	583	310	591	551	121	127	259	591	523	68
Electricity	35 423	11 668	29 853	55 471	12 484	12 518	20 165	34 238	29 337	4 901
Other	57	12	27	48	7	11	18	25	25	—
No fuel used	135	24	64	90	46	64	32	73	59	14
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	74 370	16 021	27 483	39 967	20 910	12 734	25 357	49 001	43 642	5 359
With a mortgage	47 451	8 651	17 352	26 839	10 566	7 541	14 530	28 205	25 194	3 011
Less than \$100	16	46	13	36	20	18	30	120	114	6
\$100 to \$149	487	134	87	104	200	37	99	707	679	28
\$150 to \$199	1 936	422	603	588	943	174	456	3 174	2 988	186
\$200 to \$249	7 189	1 450	2 084	2 589	2 156	930	1 578	5 644	5 044	600
\$250 to \$299	8 970	1 773	2 682	4 196	2 105	1 423	2 362	5 357	4 619	738
\$300 to \$349	8 741	1 587	2 707	4 525	1 492	1 332	2 358	4 126	3 597	529
\$350 to \$399	6 297	1 298	2 288	3 598	1 071	1 093	2 082	2 779	2 420	359
\$400 to \$449	4 837	717	1 908	2 907	789	710	1 356	1 825	1 649	176
\$450 to \$499	3 007	516	1 431	2 169	488	598	1 318	1 325	1 204	121
\$500 to \$599	3 475	382	1 848	2 933	605	610	1 393	1 494	1 372	122
\$600 to \$749	1 703	235	1 061	1 876	419	377	1 029	879	806	73
\$750 or more	793	91	640	1 318	278	239	469	775	702	73
Median	\$329	\$316	\$361	\$369	\$297	\$345	\$359	\$292	\$291	\$296
Not mortgaged	26 927	7 370	10 131	13 128	10 344	5 193	10 827	20 796	18 448	2 348
Less than \$50	53	27	33	36	20	4	39	64	64	—
\$50 to \$74	430	105	52	196	379	28	114	975	954	21
\$75 to \$99	2 468	782	580	870	1 601	224	673	4 125	3 835	290
\$100 to \$149	12 609	3 168	3 689	4 579	4 813	1 955	3 744	10 615	9 520	1 095
\$150 to \$199	7 875	2 249	3 470	4 157	2 504	2 019	3 736	3 701	3 030	671
\$200 to \$249	2 218	671	1 442	1 803	627	629	1 480	805	624	181
\$250 or more	1 274	368	865	1 487	400	332	841	511	421	90
Median	\$142	\$144	\$159	\$159	\$132	\$158	\$161	\$121	\$119	\$140
GROSS RENT										
Specified renter-occupied housing units	34 096	7 712	18 755	33 635	8 333	5 908	10 342	19 058	16 974	2 084
Less than \$50	210	32	29	126	80	19	82	131	115	16
\$50 to \$59	208	83	88	193	97	83	117	329	282	47
\$60 to \$79	519	115	320	396	386	90	282	403	358	45
\$80 to \$99	445	125	251	477	200	129	129	539	472	67
\$100 to \$119	809	90	310	455	313	119	196	517	485	32
\$120 to \$149	1 879	355	975	982	654	200	407	1 380	1 211	169
\$150 to \$169	2 151	665	1 178	2 718	602	330	415	1 304	1 199	105
\$170 to \$199	4 861	1 006	2 108	2 560	1 348	573	676	2 410	2 165	245
\$200 to \$249	9 685	1 939	4 578	7 265	2 230	1 415	2 228	4 099	3 500	599
\$250 to \$299	5 979	1 516	3 574	7 032	1 050	1 218	2 541	3 259	2 874	385
\$300 to \$349	3 504	790	2 275	5 224	634	883	1 605	2 034	1 883	151
\$350 to \$399	1 480	376	1 316	2 399	292	426	811	876	782	94
\$400 to \$499	942	213	1 012	2 130	113	223	450	795	759	36
\$500 or more	361	61	257	1 063	24	32	68	217	197	20
No cash rent	1 063	346	484	615	310	168	335	765	692	73
Median	\$225	\$231	\$242	\$259	\$207	\$247	\$259	\$224	\$225	\$221
HOUSEHOLD INCOME IN 1979										
Occupied housing units	120 795	25 567	50 419	80 083	31 909	20 557	38 099	74 037	65 774	8 263
Median income	\$18 624	\$17 224	\$17 852	\$18 259	\$16 179	\$17 956	\$19 386	\$17 088	\$17 163	\$16 552
Owner-occupied housing units	86 175	17 779	31 383	45 915	23 433	14 577	27 624	54 536	48 398	6 138
Median income	\$21 524	\$20 377	\$22 269	\$23 709	\$18 756	\$21 212	\$22 289	\$19 852	\$19 890	\$19 499
Renter-occupied housing units	34 620	7 788	19 036	34 168	8 476	5 980	10 475	19 501	17 376	2 125
Median income	\$12 310	\$11 450	\$11 575	\$12 403	\$10 092	\$10 799	\$11 704	\$10 803	\$10 940	\$9 579
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	3 981	1 190	1 367	1 894	1 439	962	1 621	2 671	2 335	336
Percent below poverty level	4.6	6.7	4.4	4.1	6.1	6.6	5.9	4.9	4.8	5.5
Complete plumbing for exclusive use	3 945	1 168	1 351	1 878	1 431	928	1 602	2 641	2 317	324
1.01 or more persons per room	119	48	37	48	64	37	49	67	54	13
Lacking complete plumbing for exclusive use	36	22	16	16	8	34	19	30	18	12
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	5 620	1 539	4 054	7 395	1 996	1 509	2 143	3 572	3 033	539
Percent below poverty level	16.2	19.8	21.3	21.6	23.5	20.5	20.5	18.3	17.5	25.4
Complete plumbing for exclusive use	5 449	1 482	3 913	7 152	1 947	1 468	2 119	3 476	2 949	527
1.01 or more persons per room	103	23	97	437	53	31	92	155	114	41
Lacking complete plumbing for exclusive use	171	57	141	243	49	41	24	96	84	12
1.01 or more persons per room	6	8	9	28	5	5	—	5	5	—

Table 81. Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.

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

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	Urbanized areas—Con.			Places								
	Taleo, Ohio—Mich.											
	Total	Michigan (pt.)	Ohio (pt.)	Ann Arbor city	Battle Creek city	Boj City city	Benton Harbor city	Dearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city
Occupied housing units	153 692	4 321	149 371	33 938	10 997	15 020	940	34 567	22 843	174 642	11 579	19 771
HOUSE HEATING FUEL												
Utility gas	122 361	3 645	118 716	30 211	9 141	14 062	672	33 409	22 382	164 771	8 174	18 052
Bottled, tank, or LP gas	2 230	39	2 191	141	51	82	—	122	26	841	32	13
Electricity	20 013	122	19 891	1 919	533	249	62	455	248	3 327	1 293	691
Fuel oil, kerosene, etc	8 489	454	8 035	1 485	1 218	511	185	542	180	4 430	585	994
Coal or coke	152	22	130	25	4	33	14	—	7	483	1 317	—
Wood	207	39	168	40	15	25	—	11	—	34	—	10
Other fuel	202	—	202	113	28	51	7	28	—	704	171	11
No fuel used	38	—	38	4	7	7	—	—	—	52	7	—
WATER HEATING FUEL												
Utility gas	116 343	2 779	113 564	28 449	9 482	13 932	583	32 917	21 543	164 004	7 761	15 938
Bottled, tank, or LP gas	2 037	25	2 012	185	140	120	—	229	107	1 793	34	114
Electricity	34 749	1 482	33 267	4 935	1 301	896	338	1 357	1 158	7 728	2 591	3 565
Fuel oil, kerosene, etc	395	27	368	296	50	24	7	42	28	401	110	130
Other	63	—	63	41	14	28	7	7	7	541	1 079	17
No fuel used	105	8	97	32	10	20	5	15	—	175	4	7
COOKING FUEL												
Utility gas	68 099	1 315	66 784	11 766	5 929	10 317	355	18 741	13 691	124 862	2 475	4 880
Bottled, tank, or LP gas	2 534	57	2 477	109	55	114	—	61	30	941	56	27
Electricity	82 834	2 937	79 897	21 974	4 993	4 562	536	15 681	9 116	48 304	9 028	14 859
Other	47	8	39	—	—	13	—	—	—	86	20	—
No fuel used	178	4	174	89	20	14	49	84	6	449	—	5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	95 120	3 388	91 732	12 337	6 190	9 916	...	23 023	10 631	99 702	3 632	12 494
With a mortgage	55 269	2 522	52 747	9 201	3 038	4 609	...	10 933	12 264	43 617	2 465	10 298
Less than \$100	118	8	110	—	10	6	...	8	16	136	—	—
\$100 to \$149	458	9	449	12	51	48	...	63	53	725	—	12
\$150 to \$199	2 260	12	2 248	30	260	126	...	279	235	2 463	5	94
\$200 to \$249	6 645	108	6 537	142	619	570	...	1 035	1 320	7 914	33	179
\$250 to \$299	8 445	306	8 139	446	844	900	...	1 674	2 571	10 892	61	573
\$300 to \$349	8 130	308	7 822	728	561	1 149	...	1 905	2 564	9 906	272	741
\$350 to \$399	7 394	344	7 050	1 049	292	732	...	1 477	1 609	5 738	233	955
\$400 to \$449	5 770	362	5 408	1 071	100	447	...	1 496	1 225	2 639	325	856
\$450 to \$499	4 309	246	4 063	1 011	121	279	...	1 077	913	1 226	236	917
\$500 to \$599	5 131	434	4 697	1 817	113	191	...	936	932	1 163	453	1 831
\$600 to \$749	4 071	267	3 804	1 492	34	130	...	609	561	493	396	1 793
\$750 or more	2 538	118	2 420	1 403	33	31	...	374	265	322	451	2 347
Median	\$361	\$423	\$358	\$506	\$284	\$328	...	\$367	\$338	\$299	\$511	\$545
Not mortgaged	39 851	866	38 985	3 136	3 152	5 307	...	12 890	6 367	56 085	1 167	2 196
Less than \$50	109	—	109	—	5	—	...	—	—	139	—	17
\$50 to \$74	849	—	849	6	50	37	...	90	11	873	12	8
\$75 to \$99	4 381	22	4 359	54	345	175	...	631	108	3 646	—	51
\$100 to \$149	18 735	172	18 563	223	1 617	1 940	...	4 815	1 373	25 166	51	300
\$150 to \$199	10 713	311	10 402	827	788	2 046	...	5 156	2 477	20 223	179	479
\$200 to \$249	3 297	232	3 065	951	233	776	...	1 602	1 559	4 653	333	447
\$250 or more	1 767	129	1 638	1 075	114	333	...	596	839	1 385	592	894
Median	\$139	\$189	\$139	\$224	\$136	\$161	...	\$157	\$185	\$147	\$251	\$227
GROSS RENT												
Specified renter-occupied housing units	45 603	482	45 121	18 997	4 188	3 911	316	7 919	2 961	59 596	7 334	5 467
Less than \$50	406	—	406	14	53	31	...	13	42	300	—	—
\$50 to \$59	336	8	328	50	61	99	...	80	—	430	—	11
\$60 to \$79	862	—	862	64	99	217	...	235	—	1 079	15	24
\$80 to \$99	1 068	8	1 060	99	131	111	...	206	—	1 227	123	12
\$100 to \$119	1 242	15	1 227	129	107	120	...	198	—	2 044	50	9
\$120 to \$149	2 378	29	2 349	338	347	242	...	45	436	6 296	87	116
\$150 to \$169	2 147	—	2 147	323	492	335	...	26	328	5 459	1 609	103
\$170 to \$199	4 428	76	4 352	851	748	621	...	61	638	7 754	528	131
\$200 to \$249	10 657	85	10 572	2 445	841	962	...	40	1 421	278	13 415	1 021
\$250 to \$299	10 303	78	10 225	4 035	642	534	...	7	1 487	890	9 676	1 009
\$300 to \$349	5 281	79	5 202	4 150	267	315	...	—	1 001	878	5 639	848
\$350 to \$399	2 430	23	2 407	2 265	204	132	...	7	528	332	2 066	491
\$400 to \$499	1 799	52	1 747	2 201	58	57	...	—	518	216	1 256	768
\$500 or more	1 719	6	1 713	1 796	10	8	...	—	390	88	443	680
No cash rent	1 549	23	1 526	237	128	127	...	20	411	165	2 512	105
Median	\$243	\$255	\$243	\$312	\$200	\$205	...	\$146	\$256	\$307	\$214	\$258
HOUSEHOLD INCOME IN 1979												
Occupied housing units	153 692	4 321	149 371	33 938	10 997	15 020	940	34 567	22 843	174 642	11 579	19 771
Median income	\$18 798	\$23 946	\$18 626	\$18 750	\$13 425	\$15 549	\$10 375	\$22 100	\$25 081	\$14 921	\$15 579	\$30 473
Owner-occupied housing units	107 542	3 807	103 735	14 566	6 764	11 066	614	26 515	19 833	114 463	4 219	14 165
Median income	\$22 209	\$25 336	\$22 120	\$29 868	\$17 198	\$18 526	...	\$25 056	\$26 280	\$17 757	\$32 406	\$35 058
Renter-occupied housing units	46 150	514	45 636	19 372	4 233	3 954	326	8 052	3 010	60 179	7 360	5 606
Median income	\$11 791	\$14 788	\$11 756	\$12 929	\$8 745	\$8 106	...	\$14 510	\$17 024	\$10 479	\$10 932	\$21 094
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	5 123	98	5 025	299	606	866	...	1 095	753	9 668	90	404
Percent below poverty level	4.8	2.6	4.8	2.1	9.0	7.8	...	4.1	3.8	8.4	2.1	2.9
Complete plumbing for exclusive use	5 073	98	4 975	294	596	834	...	1 085	753	9 593	86	404
1.01 or more persons per room	54	—	54	4	19	10	...	51	20	285	—	—
Lacking complete plumbing for exclusive use	50	—	50	5	10	32	...	—	—	75	4	—
1.01 or more persons per room	6	—	6	—	—	—	...	—	—	4	—	—
Renter-occupied housing units	8 353	85	8 268	4 002	1 206	1 305	...	1 071	299	15 198	2 466	360
Percent below poverty level	18.1	16.5	18.1	20.7	28.5	33.0	...	13.3	9.9	25.3	33.5	6.4
Complete plumbing for exclusive use	7 965	85	7 880	3 848	1 128	1 239	...	1 011	299	14 392	2 395	355
1.01 or more persons per room	394	—	394	162	22	25	...	68	10	684	243	12
Lacking complete plumbing for exclusive use	388	—	388	154	78	66	...	60	—	806	71	5
1.01 or more persons per room	24	—	24	11	7	—	...	6	—	23	13	—

Table 81. **Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places:**
1980—Con.

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

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kalamazoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shores city	Pontiac city	Portage city	Roseville city
Occupied housing units	35 978	55 214	12 781	24 192	41 982	32 148	12 547	2 276	7 492	16 178	12 715	17 833
HOUSE HEATING FUEL												
Utility gas	32 067	53 474	11 543	19 654	36 613	29 928	11 915	2 095	7 063	14 536	10 417	16 133
Bottled, tank, or LP gas	273	133	40	149	151	42	64	8	30	120	51	60
Electricity	1 084	740	544	1 204	2 301	435	442	95	158	524	258	766
Fuel oil, kerosene, etc	2 457	643	553	2 862	2 490	1 690	86	50	203	902	1 873	812
Coal or coke	31	17	6	203	107	8	13	6	10	—	—	6
Wood	42	101	44	37	92	22	20	16	28	6	68	29
Other fuel	11	99	46	75	226	22	7	6	—	74	43	19
No fuel used	13	7	5	8	2	1	—	—	—	16	5	8
WATER HEATING FUEL												
Utility gas	31 668	52 435	11 143	19 711	34 063	29 149	11 673	2 075	6 551	13 879	9 624	15 923
Bottled, tank, or LP gas	396	153	108	206	403	116	47	19	46	159	151	121
Electricity	3 721	2 483	1 471	3 674	7 310	2 807	761	168	882	2 066	2 691	1 716
Fuel oil, kerosene, etc	133	64	25	412	97	70	25	—	13	57	243	73
Other	19	58	13	134	67	—	27	6	—	—	6	—
No fuel used	41	21	21	55	42	6	14	8	—	17	—	—
COOKING FUEL												
Utility gas	17 988	40 303	7 841	11 031	15 332	12 171	8 847	1 737	3 740	10 591	3 867	10 559
Bottled, tank, or LP gas	250	108	59	211	230	49	36	6	46	166	147	17
Electricity	17 670	14 714	4 868	12 871	26 340	19 908	3 641	509	3 706	5 403	8 701	7 251
Other	17	—	—	21	18	10	7	—	—	—	—	—
No fuel used	53	89	13	58	62	10	16	24	—	18	—	6
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	22 987	32 277	7 021	10 834	23 014	27 516	6 743	1 322	5 654	8 390	8 619	13 034
With a mortgage	12 956	17 423	3 518	6 080	14 549	21 692	2 674	521	3 098	5 186	6 600	9 042
Less than \$100	32	9	19	13	36	—	7	—	8	20	—	6
\$100 to \$149	139	195	54	29	90	56	92	11	53	40	30	48
\$150 to \$199	614	925	181	207	497	149	384	154	105	381	153	185
\$200 to \$249	2 716	2 910	701	797	2 213	704	875	195	403	863	703	1 053
\$250 to \$299	3 299	3 598	785	1 025	3 059	2 691	936	119	403	1 290	801	1 922
\$300 to \$349	2 801	3 296	783	889	2 804	3 171	332	—	453	1 225	986	1 960
\$350 to \$399	1 470	2 277	441	843	2 126	3 163	123	22	426	604	846	1 543
\$400 to \$449	729	1 710	227	608	1 450	2 620	74	16	347	393	830	1 077
\$450 to \$499	500	927	126	551	849	2 574	83	4	205	124	607	603
\$500 to \$599	339	1 033	119	544	909	3 216	46	—	263	181	841	478
\$600 to \$749	243	346	55	333	379	2 286	22	—	242	60	501	146
\$750 or more	74	197	27	241	137	1 062	—	—	190	5	302	21
Median	\$295	\$316	\$301	\$355	\$325	\$417	\$249	\$224	\$365	\$300	\$387	\$333
Not mortgaged	10 031	14 854	3 503	4 754	8 465	5 824	4 069	801	2 556	3 204	2 019	3 992
Less than \$50	17	45	27	14	17	6	9	11	7	7	9	6
\$50 to \$74	81	210	23	27	148	5	158	32	126	53	—	—
\$75 to \$99	854	1 476	405	284	733	85	737	234	304	171	23	64
\$100 to \$149	4 963	7 050	1 619	1 601	3 672	553	2 197	407	943	1 612	612	1 071
\$150 to \$199	2 987	4 338	975	1 600	2 736	2 039	7 125	108	807	1 026	787	2 145
\$200 to \$249	695	1 127	298	734	805	1 969	153	4	229	257	340	576
\$250 or more	434	608	156	494	354	1 167	99	7	136	78	248	130
Median	\$141	\$141	\$140	\$163	\$146	\$206	\$123	\$112	\$145	\$143	\$171	\$169
GROSS RENT												
Specified renter-occupied housing units	10 024	18 765	5 000	11 299	16 437	2 623	4 957	760	898	6 603	3 090	3 556
Less than \$50	49	175	32	18	107	17	56	—	—	57	5	4
\$50 to \$59	175	137	83	80	164	72	40	39	—	189	8	6
\$60 to \$79	219	407	99	278	228	90	326	34	—	405	24	98
\$80 to \$99	136	357	121	213	243	56	113	54	6	160	20	25
\$100 to \$119	215	675	80	241	224	49	208	59	25	132	30	44
\$120 to \$149	550	1 482	332	860	735	30	453	74	24	195	43	74
\$150 to \$169	683	1 789	612	988	958	45	421	25	34	403	44	69
\$170 to \$199	1 135	3 099	760	1 298	1 689	22	1 004	150	59	493	221	229
\$200 to \$249	2 836	4 585	1 257	2 317	4 474	204	1 437	151	235	1 543	1 030	794
\$250 to \$299	1 969	2 806	783	1 875	3 242	382	465	85	161	1 238	656	784
\$300 to \$349	943	1 604	403	1 201	2 086	495	212	32	156	930	331	710
\$350 to \$399	438	663	150	802	1 041	350	39	8	130	398	294	312
\$400 to \$499	270	362	76	670	733	441	8	—	40	231	253	167
\$500 or more	63	80	23	183	199	199	—	6	5	27	59	90
No cash rent	343	544	189	275	314	171	175	43	23	202	72	150
Median	\$229	\$210	\$211	\$233	\$241	\$326	\$192	\$185	\$266	\$237	\$256	\$275
HOUSEHOLD INCOME IN 1979												
Occupied housing units	35 978	55 214	12 781	24 192	41 982	32 148	12 547	2 276	7 492	16 178	12 715	17 833
Median income	\$16 968	\$16 040	\$14 604	\$15 262	\$17 051	\$29 979	\$12 354	\$10 622	\$20 932	\$15 544	\$22 618	\$21 194
Owner-occupied housing units	25 823	36 243	7 766	12 779	25 244	29 455	7 521	1 503	6 569	9 385	9 527	14 186
Median income	\$20 003	\$19 700	\$18 582	\$20 578	\$21 068	\$31 166	\$15 316	\$11 838	\$21 755	\$19 713	\$25 767	\$23 160
Renter-occupied housing units	10 155	18 971	5 015	11 413	16 738	2 693	5 026	773	923	6 793	3 188	3 647
Median income	\$10 536	\$10 543	\$9 962	\$10 366	\$11 937	\$16 008	\$9 008	\$8 049	\$15 417	\$10 629	\$14 606	\$14 341
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	1 717	1 901	667	655	1 263	626	600	178	271	652	217	745
Percent below poverty level	6.6	5.2	8.6	5.1	5.0	2.1	8.0	11.8	4.1	6.9	2.3	5.3
Complete plumbing for exclusive use	1 713	1 879	657	655	1 257	626	592	178	271	652	210	739
1.01 or more persons per room	32	53	27	20	48	—	16	6	—	34	—	54
Lacking complete plumbing for exclusive use	4	22	10	—	6	—	8	—	—	—	7	6
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	2 639	3 912	1 225	3 034	3 647	257	1 409	241	127	2 136	353	531
Percent below poverty level	26.0	20.6	24.4	26.6	21.8	9.5	28.0	31.2	13.8	31.4	11.1	14.6
Complete plumbing for exclusive use	2 473	3 766	1 181	2 893	3 488	257	1 376	233	119	2 088	353	531
1.01 or more persons per room	84	64	23	71	147	—	37	—	10	121	12	18
Lacking complete plumbing for exclusive use	166	146	44	141	159	—	33	8	8	48	—	—
1.01 or more persons per room	17	6	—	9	8	—	5	—	—	15	—	—

Table 81. **Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

Places—Con.

	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Occupied housing units	27 912	17 564	26 508	26 767	33 305	23 611	21 970	52 728	21 983	27 869	21 340
HOUSE HEATING FUEL											
Utility gas	24 989	15 845	23 954	22 575	31 757	22 506	20 139	49 712	18 617	24 952	20 065
Bottled, tank, or LP gas	148	40	54	396	80	73	84	167	76	94	67
Electricity	828	670	838	2 277	777	650	914	1 157	1 132	1 633	655
Fuel oil, kerosene, etc.	1 885	898	1 638	1 468	648	315	797	1 570	2 058	1 079	455
Coal or coke	5	42	5	13	10	6	2	14	—	—	—
Wood	10	33	6	27	16	24	23	21	86	45	34
Other fuel	41	32	13	11	17	37	5	87	—	48	64
No fuel used	6	4	—	—	—	—	6	—	14	18	—
WATER HEATING FUEL											
Utility gas	24 741	15 725	23 985	20 408	30 508	21 199	18 531	47 828	14 993	23 987	19 692
Bottled, tank, or LP gas	177	106	157	476	185	147	151	327	142	201	133
Electricity	2 871	1 631	2 301	5 754	2 535	2 222	3 193	4 434	6 783	3 579	1 490
Fuel oil, kerosene, etc.	88	59	52	115	57	—	89	46	56	35	25
Other	11	12	13	6	15	37	—	46	—	—	—
No fuel used	24	31	—	8	5	6	6	29	9	23	—
COOKING FUEL											
Utility gas	10 663	10 855	11 717	4 387	18 580	15 836	6 322	30 512	5 478	13 875	16 212
Bottled, tank, or LP gas	62	44	61	532	73	55	43	317	55	222	90
Electricity	17 140	6 621	14 712	21 835	14 631	7 714	15 585	21 835	16 418	13 735	5 016
Other	19	12	11	7	15	6	8	5	—	24	6
No fuel used	28	32	7	6	6	—	12	59	32	13	16
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	17 693	11 728	20 384	13 091	23 272	15 650	13 879	38 033	15 419	16 555	13 643
With a mortgage	11 891	5 682	13 304	9 975	20 130	12 315	11 706	26 989	11 052	13 961	8 858
Less than \$100	—	11	—	—	9	11	—	50	13	—	—
\$100 to \$149	—	85	23	39	24	31	22	135	15	89	117
\$150 to \$199	104	302	144	41	65	201	51	536	160	112	441
\$200 to \$249	840	1 020	978	179	182	1 386	122	2 476	547	1 084	1 882
\$250 to \$299	1 823	1 215	2 717	503	1 157	2 498	279	6 424	1 431	2 571	2 084
\$300 to \$349	2 542	1 062	2 851	865	2 082	2 631	620	5 971	2 109	2 868	1 648
\$350 to \$399	2 131	757	2 157	1 318	2 994	2 209	935	4 265	1 854	2 622	1 018
\$400 to \$449	1 434	493	1 520	1 460	3 361	1 355	1 141	2 525	1 463	1 932	676
\$450 to \$499	1 093	360	1 060	1 306	3 058	813	1 393	1 555	1 011	1 020	365
\$500 to \$599	1 189	257	1 018	1 709	4 032	803	2 748	1 870	1 195	1 083	421
\$600 to \$749	525	97	553	1 520	2 330	296	2 346	950	850	487	169
\$750 or more	210	23	283	1 035	836	81	2 049	232	404	93	37
Median	\$365	\$310	\$349	\$472	\$453	\$339	\$547	\$332	\$384	\$355	\$298
Not mortgaged	5 802	6 046	7 080	3 116	3 142	3 335	2 173	11 044	4 367	2 594	4 785
Less than \$50	—	28	—	7	6	13	—	—	12	—	—
\$50 to \$74	—	88	19	—	—	5	—	40	11	24	102
\$75 to \$99	16	478	37	21	40	122	12	337	89	88	517
\$100 to \$149	1 061	2 614	896	370	197	812	279	2 721	1 077	585	2 748
\$150 to \$199	2 609	1 959	3 358	708	702	1 325	566	4 292	1 764	1 199	1 206
\$200 to \$249	1 461	642	1 834	760	1 307	693	592	2 870	992	510	151
\$250 or more	655	237	936	1 250	890	365	724	784	422	188	61
Median	\$185	\$147	\$189	\$230	\$224	\$177	\$219	\$179	\$178	\$172	\$132
GROSS RENT											
Specified renter-occupied housing units	7 808	4 960	3 899	10 911	6 029	6 205	5 847	9 237	5 161	9 264	5 983
Less than \$50	21	64	5	13	—	63	—	6	16	18	35
\$50 to \$59	—	117	45	12	—	66	12	4	16	53	65
\$60 to \$79	32	222	41	61	13	269	93	3	67	234	69
\$80 to \$99	56	70	24	27	53	229	72	32	71	118	33
\$100 to \$119	116	151	25	16	95	99	30	32	16	121	75
\$120 to \$149	153	298	28	63	92	100	98	54	74	252	165
\$150 to \$169	113	337	34	112	63	112	139	187	40	165	155
\$170 to \$199	306	505	108	84	112	138	83	340	124	222	640
\$200 to \$249	1 206	1 451	555	185	477	962	110	1 441	581	963	2 280
\$250 to \$299	2 153	882	980	806	1 808	1 155	498	2 829	1 042	2 517	1 314
\$300 to \$349	2 016	433	660	2 159	2 071	1 400	1 353	2 211	1 399	2 830	629
\$350 to \$399	749	129	397	1 900	542	913	1 534	1 001	907	1 056	253
\$400 to \$499	521	69	458	3 376	288	495	1 349	507	500	454	100
\$500 or more	152	13	310	1 940	302	30	346	157	191	134	11
No cash rent	214	219	219	157	113	174	130	433	117	127	159
Median	\$292	\$219	\$299	\$398	\$306	\$292	\$362	\$291	\$317	\$298	\$236
HOUSEHOLD INCOME IN 1979											
Occupied housing units	27 912	17 564	26 508	26 767	33 305	23 611	21 970	52 728	21 983	27 869	21 340
Median income	\$22 303	\$15 575	\$24 442	\$25 826	\$27 510	\$22 330	\$30 821	\$23 891	\$23 505	\$22 705	\$18 561
Owner-occupied housing units	20 054	12 551	22 562	15 582	27 198	17 111	16 006	43 352	16 711	18 438	15 308
Median income	\$25 643	\$18 713	\$25 817	\$31 556	\$29 817	\$24 966	\$34 239	\$26 010	\$26 123	\$25 871	\$20 447
Renter-occupied housing units	7 858	5 013	3 946	11 185	6 107	6 500	5 964	9 376	5 272	9 431	6 032
Median income	\$14 912	\$9 055	\$13 831	\$18 787	\$17 845	\$15 029	\$21 348	\$15 947	\$16 431	\$16 688	\$14 274
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	662	981	831	425	692	942	356	1 923	576	698	739
Percent below poverty level	3.3	7.8	3.7	2.7	2.5	5.5	2.2	4.4	3.4	3.8	4.8
Complete plumbing for exclusive use	657	971	824	425	687	942	356	1 911	569	692	735
1.01 or more persons per room	11	12	14	26	22	49	5	60	7	25	24
Lacking complete plumbing for exclusive use	—	10	7	—	5	—	—	12	7	6	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	681	1 391	444	688	530	1 204	319	1 043	567	967	700
Percent below poverty level	8.7	27.7	11.3	6.2	8.7	18.5	5.3	11.1	10.8	10.3	11.6
Complete plumbing for exclusive use	679	1 367	439	682	530	1 191	319	1 022	542	955	681
1.01 or more persons per room	6	39	17	7	—	41	—	70	34	45	26
Lacking complete plumbing for exclusive use	2	24	5	6	—	13	—	21	25	12	19
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—

Table 81a. **Fuels and Financial Characteristics of Housing Units With a White Householder for Towns/Townships: 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.]

Towns/Townships of 50,000 or More	Clinton township, Macomb County	Redford township	Waterford township
Occupied housing units	22 916	19 912	22 044
HOUSE HEATING FUEL			
Utility gas	20 866	19 017	18 666
Bottled, tank, or LP gas	92	36	76
Electricity	1 083	118	1 135
Fuel oil, kerosene, etc	799	719	2 067
Cool or coke	—	—	—
Wood	25	8	86
Other fuel	51	14	—
No fuel used	—	—	14
WATER HEATING FUEL			
Utility gas	19 533	18 752	15 024
Bottled, tank, or LP gas	132	113	142
Electricity	3 200	1 047	6 811
Fuel oil, kerosene, etc	23	—	58
Other	28	—	—
No fuel used	—	—	9
COOKING FUEL			
Utility gas	10 265	10 128	5 483
Bottled, tank, or LP gas	74	127	55
Electricity	12 556	9 657	16 474
Other	9	—	—
No fuel used	12	—	32
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	13 578	17 306	15 466
With a mortgage	10 964	10 995	11 090
Less than \$100	12	29	13
\$100 to \$149	7	91	17
\$150 to \$199	69	281	160
\$200 to \$249	385	1 682	547
\$250 to \$299	1 142	2 419	1 434
\$300 to \$349	1 349	2 092	2 109
\$350 to \$399	1 488	1 618	1 854
\$400 to \$449	1 530	900	1 466
\$450 to \$499	1 283	749	1 013
\$500 to \$599	1 668	729	1 197
\$600 to \$749	1 409	286	856
\$750 or more	622	119	424
Median	\$434	\$324	\$384
Not mortgaged	2 614	6 311	4 376
Less than \$50	—	—	12
\$50 to \$74	14	28	11
\$75 to \$99	24	153	89
\$100 to \$149	287	2 261	1 077
\$150 to \$199	828	2 668	1 764
\$200 to \$249	667	898	992
\$250 or more	794	303	431
Median	\$212	\$162	\$178
GROSS RENT			
Specified renter-occupied housing units	5 721	1 425	5 166
Less than \$50	29	—	16
\$50 to \$59	11	—	16
\$60 to \$79	79	—	67
\$80 to \$99	104	8	71
\$100 to \$119	36	—	16
\$120 to \$149	99	28	74
\$150 to \$169	8	36	40
\$170 to \$199	208	38	124
\$200 to \$249	782	188	581
\$250 to \$299	1 946	534	1 042
\$300 to \$349	1 491	228	1 399
\$350 to \$399	398	102	907
\$400 to \$499	265	108	500
\$500 or more	138	53	194
No cash rent	127	102	119
Median	\$290	\$284	\$317
HOUSEHOLD INCOME IN 1979			
Occupied housing units	22 916	19 912	22 044
Median income	\$24 562	\$24 508	\$23 540
Owner-occupied housing units	16 962	18 465	16 764
Median income	\$27 871	\$25 207	\$26 160
Renter-occupied housing units	5 954	1 447	5 280
Median income	\$15 474	\$16 842	\$16 441
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	415	568	576
Percent below poverty level	2.4	3.1	3.4
Complete plumbing for exclusive use	401	568	569
1.01 or more persons per room	29	—	7
Locking complete plumbing for exclusive use	14	—	7
1.01 or more persons per room	—	—	—
Renter-occupied housing units	722	171	567
Percent below poverty level	12.1	11.8	10.7
Complete plumbing for exclusive use	711	171	542
1.01 or more persons per room	6	5	34
Locking complete plumbing for exclusive use	11	—	25
1.01 or more persons per room	—	—	—

Table 82. Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 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]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's										
	Detroit--Ann Arbor, Mich.	Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo-- Portage, Mich.	Lansing--East Lansing, Mich.
Occupied housing units -----	301 481	8 997	4 583	293	7 291	292 484	24 086	9 911	2 377	6 621	7 413
HOUSE HEATING FUEL											
Utility gas -----	273 796	7 459	3 778	236	4 954	266 337	20 139	9 100	2 011	4 525	5 926
Bottled, tank, or LP gas -----	3 785	185	71	5	125	3 600	271	125	28	336	89
Electricity -----	15 089	981	142	52	1 137	14 108	2 315	440	211	582	853
Fuel oil, kerosene, etc. -----	5 447	217	585	-	995	5 230	1 222	188	103	1 045	328
Coal or coke -----	1 178	-	6	-	26	1 178	19	6	-	59	155
Wood -----	112	-	1	-	39	112	-	-	-	57	7
Other fuel -----	1 652	124	-	-	6	1 528	102	46	8	8	44
No fuel used -----	422	31	-	-	9	391	18	6	16	9	11
WATER HEATING FUEL											
Utility gas -----	266 321	7 293	3 965	228	4 064	259 028	20 352	9 006	2 028	4 643	5 644
Bottled, tank, or LP gas -----	9 664	243	107	3	183	9 421	857	286	44	502	146
Electricity -----	23 125	1 393	454	57	2 937	21 732	2 724	557	268	1 302	1 451
Fuel oil, kerosene, etc. -----	506	31	54	-	39	475	71	21	26	91	17
Other -----	1 302	10	-	-	18	1 292	69	16	5	40	137
No fuel used -----	563	27	3	5	50	536	13	25	6	13	18
COOKING FUEL											
Utility gas -----	234 740	4 971	3 486	197	3 274	229 769	14 826	8 368	1 711	3 742	3 479
Bottled, tank, or LP gas -----	3 110	128	36	-	213	2 982	210	165	60	641	54
Electricity -----	62 769	3 869	1 061	96	3 721	58 900	8 926	1 348	592	2 197	3 872
Other -----	145	-	-	-	41	145	56	10	-	25	-
No fuel used -----	717	29	-	-	42	688	68	20	14	16	8
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units -----	131 981	2 769	2 129	96	2 824	129 212	12 627	3 974	1 119	2 199	2 488
With a mortgage -----	99 819	2 227	1 295	72	1 889	97 592	9 998	2 874	679	1 466	2 045
Less than \$100 -----	283	-	-	-	13	283	23	7	6	11	5
\$100 to \$149 -----	1 451	-	85	-	5	1 451	100	45	26	12	17
\$150 to \$199 -----	4 171	43	77	6	81	4 128	478	203	32	68	34
\$200 to \$249 -----	10 804	155	243	-	478	10 649	1 241	365	133	163	200
\$250 to \$299 -----	18 542	250	251	8	396	18 292	2 324	599	182	305	320
\$300 to \$349 -----	21 826	301	270	11	369	21 525	2 227	626	124	267	345
\$350 to \$399 -----	18 173	315	136	7	218	17 858	1 585	399	70	183	316
\$400 to \$449 -----	10 895	271	71	7	133	10 624	801	193	18	168	220
\$450 to \$499 -----	5 920	260	75	11	103	5 660	513	99	27	116	146
\$500 to \$599 -----	4 381	264	33	12	48	4 117	446	201	26	96	209
\$600 to \$749 -----	1 846	201	54	4	35	1 645	146	110	25	46	126
\$750 or more -----	1 527	167	6	6	10	1 360	114	27	10	31	107
Median -----	\$334	\$409	\$298	\$429	\$296	\$333	\$319	\$317	\$289	\$333	\$366
Not mortgaged -----	32 162	542	834	24	935	31 620	2 629	1 100	440	733	443
Less than \$50 -----	187	11	2	-	7	176	8	20	-	10	-
\$50 to \$74 -----	2 237	-	17	-	20	237	39	36	4	12	-
\$75 to \$99 -----	1 300	15	69	-	92	1 285	114	107	20	61	20
\$100 to \$149 -----	8 669	90	325	15	316	8 379	749	488	114	293	145
\$150 to \$199 -----	11 430	175	286	-	319	11 255	967	234	161	182	133
\$200 to \$249 -----	6 178	81	95	9	115	6 097	455	161	121	98	89
\$250 or more -----	4 161	170	40	-	66	3 991	297	54	20	77	54
Median -----	\$174	\$195	\$151	\$142	\$155	\$173	\$168	\$140	\$179	\$149	\$166
GROSS RENT											
Specified renter-occupied housing units -----	139 577	5 389	2 138	172	3 697	134 188	9 417	5 016	1 025	3 338	4 394
Less than \$50 -----	1 174	28	41	-	41	1 146	34	20	5	8	12
\$50 to \$59 -----	2 929	74	-	-	108	2 855	169	33	16	22	85
\$60 to \$79 -----	2 799	77	25	-	40	2 722	115	41	5	67	49
\$80 to \$99 -----	2 433	100	34	13	90	2 333	99	99	32	65	78
\$100 to \$119 -----	4 212	66	33	7	109	4 146	151	138	28	42	42
\$120 to \$149 -----	11 299	161	138	8	249	11 138	288	380	51	245	126
\$150 to \$169 -----	13 333	238	150	-	226	13 095	502	521	113	238	430
\$170 to \$199 -----	17 114	249	439	16	381	16 865	804	968	142	439	330
\$200 to \$249 -----	28 228	646	527	55	1 028	27 582	2 139	1 287	164	705	965
\$250 to \$299 -----	25 430	1 371	395	28	762	24 059	2 442	733	230	643	871
\$300 to \$349 -----	15 475	1 207	211	27	328	14 268	1 240	426	145	388	714
\$350 to \$399 -----	7 788	629	87	9	157	7 159	842	197	44	250	394
\$400 to \$499 -----	4 244	327	19	-	121	3 917	430	91	29	160	222
\$500 or more -----	912	170	-	-	16	742	33	15	3	35	33
No cash rent -----	2 207	46	39	9	41	2 161	129	67	18	31	43
Median -----	\$224	\$288	\$216	\$232	\$230	\$221	\$257	\$211	\$224	\$236	\$253
HOUSEHOLD INCOME IN 1979											
Occupied housing units -----	301 481	8 997	4 583	293	7 291	292 484	24 086	9 911	2 377	6 621	7 413
Median income -----	\$13 712	\$15 461	\$12 485	\$12 188	\$9 139	\$13 647	\$17 469	\$12 676	\$12 899	\$11 149	\$15 748
Owner-occupied housing units -----	157 785	3 291	2 408	121	3 335	154 494	14 149	4 809	1 285	3 107	2 887
Median income -----	\$19 959	\$24 456	\$16 392	\$19 904	\$13 032	\$19 883	\$22 567	\$18 931	\$17 044	\$15 871	\$25 804
Renter-occupied housing units -----	143 696	5 706	2 175	172	3 956	137 990	9 937	5 102	1 092	3 514	4 526
Median income -----	\$7 931	\$11 547	\$9 258	\$7 396	\$6 847	\$7 777	\$9 249	\$8 358	\$8 520	\$8 036	\$11 253
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units -----	20 766	253	350	11	686	20 513	1 619	699	171	476	145
Percent below poverty level -----	13.2	7.7	14.5	9.1	20.6	13.3	11.4	14.5	13.3	15.3	5.0
Complete plumbing for exclusive use -----	20 406	244	350	11	677	20 162	1 619	695	163	476	145
1.01 or more persons per room -----	1 782	13	21	-	83	1 769	194	60	8	60	7
Lacking complete plumbing for exclusive use -----	360	9	-	-	9	351	-	4	8	-	-
1.01 or more persons per room -----	64	-	-	-	3	64	-	-	-	-	-
Renter-occupied housing units -----	57 898	1 660	735	81	1 948	56 238	3 946	1 903	407	1 436	1 511
Percent below poverty level -----	40.3	29.1	33.8	47.1	49.2	40.8	39.7	37.3	37.3	40.9	33.4
Complete plumbing for exclusive use -----	55 622	1 614	719	77	1 849	54 008	3 798	1 807	396	1 402	1 432
1.01 or more persons per room -----	3 926	186	44	3	295	3 740	416	109	36	112	82
Lacking complete plumbing for exclusive use -----	2 276	46	16	4	99	2 230	148	96	11	34	79
1.01 or more persons per room -----	224	15	-	-	10	209	6	27	-	-	12

Table 82. Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegon— Norton Shores— Muskegon Heights, Mich.	Saginaw, Mich.	Toledo, Ohio—Mich.			Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
Occupied housing units -----	5 664	10 881	22 510	721	21 789	8 967	3 437	282	5 592	290 144	23 768
HOUSE HEATING FUEL											
Utility gas-----	5 223	8 991	18 514	322	18 192	7 423	2 774	230	4 002	264 816	19 956
Bottled, tank, or LP gas-----	96	129	593	230	363	137	39	5	67	3 318	247
Electricity-----	201	1 250	2 706	79	2 627	1 084	113	47	749	13 898	2 276
Fuel oil, kerosene, etc-----	91	457	523	79	444	168	505	—	738	4 951	1 159
Coal or coke-----	—	—	46	11	35	—	6	—	21	1 165	19
Wood-----	14	19	24	—	24	—	—	—	5	86	—
Other fuel-----	39	27	79	—	79	124	—	—	6	1 519	93
No fuel used-----	—	8	25	—	25	31	—	—	4	391	18
WATER HEATING FUEL											
Utility gas-----	5 091	9 164	18 308	291	18 017	7 260	2 994	222	3 299	257 789	20 186
Bottled, tank, or LP gas-----	158	417	866	195	671	224	86	3	159	9 115	845
Electricity-----	383	1 192	3 158	213	2 945	1 424	333	52	2 066	20 990	2 593
Fuel oil, kerosene, etc-----	7	59	38	12	26	31	21	—	39	456	71
Other-----	19	15	78	—	78	10	—	—	6	1 275	60
No fuel used-----	6	34	62	10	52	18	3	5	23	519	13
COOKING FUEL											
Utility gas-----	4 625	8 285	16 201	251	15 950	4 945	2 575	197	2 737	228 671	14 781
Bottled, tank, or LP gas-----	100	141	515	187	328	66	27	—	100	2 699	192
Electricity-----	912	2 422	5 740	277	5 463	3 927	835	85	2 685	57 959	8 671
Other-----	8	8	2	—	2	—	—	—	28	133	56
No fuel used-----	19	25	52	6	46	29	—	—	42	682	68
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units -----	2 982	5 179	9 228	330	8 898	2 589	1 612	96	2 200	128 165	12 395
With a mortgage-----	1 891	3 850	6 272	224	6 048	2 107	963	72	1 584	96 986	9 853
Less than \$100-----	15	9	33	—	33	—	—	—	13	283	23
\$100 to \$149-----	61	70	132	7	125	—	64	—	5	1 443	100
\$150 to \$199-----	304	249	492	6	486	32	71	6	55	4 120	478
\$200 to \$249-----	469	547	1 045	24	1 021	155	165	—	415	10 570	1 239
\$250 to \$299-----	429	861	1 358	21	1 337	245	168	8	336	18 174	2 316
\$300 to \$349-----	299	909	1 066	33	1 033	275	217	11	348	21 423	2 213
\$350 to \$399-----	143	471	698	58	640	300	99	7	176	17 789	1 572
\$400 to \$449-----	87	314	480	17	463	269	52	7	97	10 587	785
\$450 to \$499-----	32	119	308	13	295	258	53	11	82	5 610	500
\$500 to \$599-----	17	194	353	19	334	246	28	12	27	4 049	418
\$600 to \$749-----	23	92	192	13	179	171	46	4	24	1 591	124
\$750 or more-----	12	15	115	13	102	156	—	6	6	1 347	85
Median-----	\$261	\$310	\$304	\$368	\$301	\$409	\$303	\$429	\$295	\$332	\$317
Not mortgaged-----	1 091	1 329	2 956	106	2 850	482	649	24	616	31 179	2 542
Less than \$50-----	6	10	8	6	2	11	2	—	7	176	8
\$50 to \$74-----	16	38	81	—	81	—	17	—	17	237	39
\$75 to \$99-----	62	102	256	—	256	15	64	—	80	1 255	114
\$100 to \$149-----	456	414	1 151	14	1 137	90	280	15	169	8 494	742
\$150 to \$199-----	370	411	922	44	878	146	211	—	215	11 079	960
\$200 to \$249-----	128	218	368	11	357	67	53	9	86	6 015	417
\$250 or more-----	53	136	170	31	139	153	22	—	42	3 923	262
Median-----	\$151	\$161	\$149	\$189	\$148	\$195	\$144	\$142	\$157	\$173	\$166
GROSS RENT											
Specified renter-occupied housing units -----	2 302	4 822	11 484	251	11 233	5 551	1 597	161	2 821	133 325	9 370
Less than \$50-----	—	36	533	10	523	28	30	—	41	1 146	34
\$50 to \$59-----	20	72	422	—	422	74	—	—	80	2 833	169
\$60 to \$79-----	21	57	430	11	419	77	15	—	21	2 694	115
\$80 to \$99-----	40	94	451	—	451	100	17	13	60	2 333	99
\$100 to \$119-----	79	119	469	13	456	66	28	7	75	4 123	151
\$120 to \$149-----	100	220	1 134	19	1 115	161	87	8	212	11 077	278
\$150 to \$169-----	221	198	710	13	697	238	95	—	179	13 066	502
\$170 to \$199-----	543	478	1 297	24	1 273	249	363	16	285	16 813	784
\$200 to \$249-----	671	1 122	2 211	50	2 161	646	415	55	803	27 458	2 136
\$250 to \$299-----	316	1 056	1 841	65	1 776	1 362	272	23	569	23 905	2 435
\$300 to \$349-----	190	717	876	14	862	1 233	164	21	248	14 190	1 240
\$350 to \$399-----	48	375	605	8	597	710	78	9	137	6 996	835
\$400 to \$499-----	18	193	279	13	266	382	11	—	68	3 838	430
\$500 or more-----	—	31	30	3	27	183	—	—	16	719	33
No cash rent-----	35	54	196	8	188	42	22	9	27	2 134	129
Median-----	\$209	\$249	\$205	\$226	\$204	\$291	\$216	\$226	\$229	\$221	\$257
HOUSEHOLD INCOME IN 1979											
Occupied housing units -----	5 664	10 881	22 510	721	21 789	8 967	3 437	282	5 592	290 144	23 768
Median income-----	\$10 209	\$14 163	\$11 334	\$15 885	\$11 197	\$15 486	\$12 709	\$12 000	\$9 071	\$13 647	\$17 366
Owner-occupied housing units -----	3 350	5 857	10 652	447	10 205	3 099	1 807	121	2 558	153 088	13 878
Median income-----	\$13 613	\$19 784	\$17 607	\$21 250	\$17 578	\$24 262	\$15 575	\$19 904	\$12 608	\$19 911	\$22 429
Renter-occupied housing units -----	2 314	5 024	11 858	274	11 584	5 868	1 630	161	3 034	137 056	9 890
Median income-----	\$6 912	\$7 521	\$6 777	\$13 819	\$6 678	\$11 964	\$9 323	\$6 823	\$6 805	\$7 767	\$9 255
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units -----	580	889	1 515	65	1 450	238	306	11	575	20 254	1 612
Percent below poverty level-----	17.3	15.2	14.2	14.5	14.2	7.7	16.9	9.1	22.5	13.2	11.6
Complete plumbing for exclusive use-----	576	872	1 481	59	1 422	238	306	11	569	19 923	1 612
1.01 or more persons per room-----	78	116	111	—	111	13	21	—	74	1 756	194
Lacking complete plumbing for exclusive use-----	4	17	34	6	28	—	—	—	6	331	—
1.01 or more persons per room-----	—	6	—	—	—	—	—	—	—	51	—
Renter-occupied housing units -----	1 117	2 349	5 409	61	5 348	1 662	545	81	1 541	55 920	3 921
Percent below poverty level-----	48.3	46.8	45.6	22.3	46.2	28.3	33.4	50.3	50.8	40.8	39.6
Complete plumbing for exclusive use-----	1 095	2 295	5 262	50	5 212	1 616	536	77	1 482	53 693	3 773
1.01 or more persons per room-----	149	205	409	4	405	186	44	3	220	3 731	396
Lacking complete plumbing for exclusive use-----	22	54	147	11	136	46	9	4	59	2 227	148
1.01 or more persons per room-----	—	9	15	4	11	15	—	—	—	209	6

Table 82. **Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon—Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
Occupied housing units	9 676	2 269	4 763	7 250	5 361	838	10 661	7 365	6 836	529
HOUSE HEATING FUEL										
Utility gas.....	9 007	1 940	3 698	5 854	5 066	732	8 887	6 034	5 576	458
Bottled, tank, or LP gas.....	107	13	55	66	38	—	120	32	26	6
Electricity.....	404	192	457	847	186	36	1 209	762	709	53
Fuel oil, kerosene, etc.....	106	100	481	267	32	64	410	494	482	12
Cool or coke.....	6	—	56	155	—	—	—	—	—	—
Wood.....	—	—	7	6	—	—	—	12	12	—
Other fuel.....	46	8	—	44	39	6	27	19	19	—
No fuel used.....	—	16	9	11	—	—	8	12	12	—
WATER HEATING FUEL										
Utility gas.....	8 925	1 963	3 918	5 580	4 969	626	9 060	5 567	5 183	384
Bottled, tank, or LP gas.....	241	34	103	135	104	20	415	108	101	7
Electricity.....	454	235	652	1 363	263	176	1 086	1 644	1 506	138
Fuel oil, kerosene, etc.....	21	26	54	17	—	—	51	16	16	—
Other.....	16	5	36	137	19	6	15	18	18	—
No fuel used.....	19	6	—	18	6	3	34	12	12	—
COOKING FUEL										
Utility gas.....	8 327	1 675	3 097	3 439	4 535	530	8 207	5 259	4 937	322
Bottled, tank, or LP gas.....	102	53	38	47	28	14	112	59	59	—
Electricity.....	1 230	527	1 594	3 756	771	281	2 317	2 023	1 816	207
Other.....	10	—	18	—	8	7	—	11	11	—
No fuel used.....	7	14	16	8	19	6	25	13	13	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	3 890	1 059	1 530	2 401	2 778	355	5 067	3 622	3 391	231
With a mortgage.....	2 823	636	1 091	1 974	1 816	199	3 759	2 442	2 352	90
Less than \$100.....	7	6	6	5	9	—	9	18	18	—
\$100 to \$149.....	45	26	12	17	55	—	70	91	91	—
\$150 to \$199.....	201	32	53	34	297	—	249	392	392	—
\$200 to \$249.....	360	131	136	200	454	46	547	643	618	25
\$250 to \$299.....	584	169	235	307	424	48	861	531	501	30
\$300 to \$349.....	626	121	175	341	290	36	903	342	328	14
\$350 to \$399.....	388	65	124	309	131	18	458	155	155	—
\$400 to \$449.....	189	5	138	217	75	7	296	102	94	8
\$450 to \$499.....	99	20	74	135	31	24	114	101	95	6
\$500 to \$599.....	192	26	75	183	15	14	158	58	51	7
\$600 to \$749.....	105	25	38	119	23	6	79	9	9	—
\$750 or more.....	27	10	25	107	12	—	15	—	—	—
Median.....	\$317	\$286	\$330	\$363	\$261	\$308	\$308	\$257	\$256	\$283
Not mortgaged.....	1 067	423	439	427	962	156	1 308	1 180	1 039	141
Less than \$50.....	18	—	10	—	—	—	10	23	23	—
\$50 to \$74.....	36	4	6	—	14	—	38	47	47	—
\$75 to \$99.....	107	20	26	20	62	21	102	162	152	10
\$100 to \$149.....	481	109	162	140	418	37	400	606	530	76
\$150 to \$199.....	218	161	100	133	301	36	407	258	211	47
\$200 to \$249.....	153	115	79	85	120	42	218	49	41	8
\$250 or more.....	54	14	56	49	47	20	133	35	35	—
Median.....	\$139	\$178	\$156	\$165	\$149	\$175	\$161	\$128	\$127	\$136
GROSS RENT										
Specified renter-occupied housing units	4 923	1 001	2 865	4 370	2 242	406	4 777	3 274	3 031	243
Less than \$50.....	20	5	6	12	—	—	36	149	149	—
\$50 to \$59.....	33	16	22	85	20	22	72	80	72	8
\$60 to \$79.....	41	5	56	49	21	28	57	171	171	—
\$80 to \$99.....	86	32	51	78	40	—	94	120	120	—
\$100 to \$119.....	131	24	39	42	71	21	119	153	137	16
\$120 to \$149.....	373	51	205	126	91	44	220	232	225	7
\$150 to \$169.....	519	113	196	430	206	24	198	264	258	6
\$170 to \$199.....	968	132	385	323	540	39	457	409	391	18
\$200 to \$249.....	1 282	159	580	957	664	74	1 120	586	524	62
\$250 to \$299.....	720	227	548	871	311	85	1 041	485	420	65
\$300 to \$349.....	400	145	359	706	190	32	717	273	245	28
\$350 to \$399.....	190	42	238	394	48	10	375	158	148	10
\$400 to \$499.....	84	29	139	221	18	16	193	123	100	23
\$500 or more.....	15	3	35	33	—	—	24	4	4	—
No cash rent.....	61	18	6	43	22	11	54	67	67	—
Median.....	\$210	\$227	\$239	\$253	\$210	\$217	\$249	\$202	\$198	\$253
HOUSEHOLD INCOME IN 1979										
Occupied housing units	9 676	2 269	4 763	7 250	5 361	838	10 661	7 365	6 836	529
Median income.....	\$12 598	\$12 761	\$11 780	\$15 571	\$10 084	\$8 020	\$14 018	\$11 186	\$11 392	\$8 234
Owner-occupied housing units	4 667	1 206	1 789	2 764	3 112	405	5 689	4 025	3 752	273
Median income.....	\$18 944	\$16 650	\$18 840	\$25 575	\$13 633	\$13 750	\$19 758	\$16 227	\$16 329	\$14 375
Renter-occupied housing units	5 009	1 063	2 974	4 486	2 249	433	4 972	3 340	3 084	256
Median income.....	\$8 324	\$8 552	\$8 532	\$11 191	\$6 897	\$5 989	\$7 439	\$7 229	\$7 302	\$6 444
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	681	162	224	142	539	100	853	536	487	49
Percent below poverty level.....	14.6	13.4	12.5	5.1	17.3	24.7	15.0	13.3	13.0	17.9
Complete plumbing for exclusive use.....	677	154	224	142	535	87	836	536	487	49
1.01 or more persons per room.....	60	6	23	7	73	4	116	69	63	6
Lacking complete plumbing for exclusive use.....	4	8	—	—	4	13	17	—	—	—
1.01 or more persons per room.....	—	—	—	—	—	6	6	—	—	—
Renter-occupied housing units	1 853	398	1 181	1 511	1 082	220	2 342	1 347	1 208	139
Percent below poverty level.....	37.0	37.4	39.7	33.7	48.1	50.8	47.1	40.3	39.2	54.3
Complete plumbing for exclusive use.....	1 763	392	1 156	1 432	1 060	217	2 288	1 321	1 182	139
1.01 or more persons per room.....	102	36	88	79	139	9	194	70	55	15
Lacking complete plumbing for exclusive use.....	90	6	25	79	22	3	54	26	26	—
1.01 or more persons per room.....	21	—	—	12	—	—	9	—	—	—

Table 82. **Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.			Places								
	Toledo, Ohio—Mich.			Ann Arbor city	Battle Creek city	Bay City city	Benton Harbor city	Dearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city
	Total	Michigan (pt.)	Ohio (pt.)									
Occupied housing units	21 048	9	21 039	3 384	2 902	195	3 629	16	22	251 136	657	87
HOUSE HEATING FUEL												
Utility gas.....	17 918	...	17 909	2 982	2 428	191	2 765	16	22	230 518	413	81
Bottled, tank, or LP gas.....	177	...	177	31	33	—	32	—	—	2 915	6	—
Electricity.....	2 453	...	2 453	304	58	4	353	—	—	10 834	83	6
Fuel oil, kerosene, etc.....	352	...	352	52	377	—	465	—	—	3 988	—	—
Coal or coke.....	30	...	30	—	6	—	4	—	—	1 084	148	—
Wood.....	14	...	14	—	—	—	—	—	—	76	—	—
Other fuel.....	79	...	79	15	—	—	6	—	—	1 394	7	—
No fuel used.....	25	...	25	—	—	—	4	—	—	327	—	—
WATER HEATING FUEL												
Utility gas.....	17 776	...	17 767	2 835	2 556	188	2 379	16	22	224 613	405	63
Bottled, tank, or LP gas.....	518	...	518	76	80	—	100	—	—	8 046	7	—
Electricity.....	2 619	...	2 619	461	248	7	1 096	—	—	16 538	102	24
Fuel oil, kerosene, etc.....	23	...	23	7	15	—	34	—	—	349	—	—
Other.....	78	...	78	—	—	—	6	—	—	1 156	137	—
No fuel used.....	34	...	34	5	3	—	14	—	—	434	6	—
COOKING FUEL												
Utility gas.....	15 717	...	15 717	1 800	2 307	175	1 926	7	5	201 096	264	13
Bottled, tank, or LP gas.....	131	...	131	6	22	—	41	—	—	2 280	8	—
Electricity.....	5 154	...	5 145	1 564	573	20	1 609	9	17	47 087	385	74
Other.....	—	...	—	—	—	—	17	—	—	111	—	—
No fuel used.....	46	...	46	14	—	—	36	—	—	562	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	8 620	...	8 611	913	1 267	82	1 389	...	14	110 651	89	40
With a mortgage.....	5 921	...	5 912	687	642	58	1 061	...	14	83 827	89	35
Less than \$100.....	33	...	33	—	—	—	8	...	—	255	—	—
\$100 to \$149.....	111	...	111	—	64	—	—	...	—	1 275	—	—
\$150 to \$199.....	470	...	470	6	59	6	47	...	—	3 615	—	—
\$200 to \$249.....	1 016	...	1 016	14	140	—	296	...	—	9 096	—	—
\$250 to \$299.....	1 320	...	1 320	76	96	8	251	...	—	15 911	—	—
\$300 to \$349.....	1 020	...	1 020	91	124	11	251	...	—	19 178	—	—
\$350 to \$399.....	634	...	634	57	50	3	134	...	—	16 135	4	5
\$400 to \$449.....	458	...	458	76	39	7	23	...	5	9 160	—	—
\$450 to \$499.....	277	...	277	135	37	11	35	...	—	4 722	—	—
\$500 to \$599.....	322	...	322	78	22	12	16	...	9	3 092	6	4
\$600 to \$749.....	167	...	158	73	11	—	—	...	—	897	29	—
\$750 or more.....	93	...	93	81	—	—	—	...	—	491	50	26
Median.....	\$301	...	\$300	\$459	\$280	\$407	\$286	...	\$561	\$331	\$831	\$861
Not mortgaged.....	2 699	...	2 699	226	625	24	328	...	—	26 824	—	5
Less than \$50.....	—	...	—	11	2	—	—	...	—	145	—	—
\$50 to \$74.....	75	...	75	—	17	—	—	...	—	201	—	—
\$75 to \$99.....	243	...	243	9	64	—	36	...	—	1 091	—	—
\$100 to \$149.....	1 091	...	1 091	8	263	15	68	...	—	7 222	—	—
\$150 to \$199.....	850	...	850	50	204	—	118	...	—	9 535	—	5
\$200 to \$249.....	330	...	330	52	53	9	71	...	—	5 242	—	—
\$250 or more.....	110	...	110	96	22	—	35	...	—	3 388	—	—
Median.....	\$147	...	\$147	\$234	\$145	\$142	\$177	...	—	\$174	—	\$188
GROSS RENT												
Specified renter-occupied housing units	10 863	—	10 863	2 132	1 441	100	1 931	11	...	115 133	530	...
Less than \$50.....	515	—	515	13	30	—	36	—	...	966	—	...
\$50 to \$59.....	412	—	412	47	—	—	39	—	...	2 405	—	...
\$60 to \$79.....	417	—	417	32	15	—	17	—	...	2 202	—	...
\$80 to \$99.....	449	—	449	13	17	7	45	—	...	1 875	33	...
\$100 to \$119.....	452	—	452	17	28	7	39	—	...	3 591	—	...
\$120 to \$149.....	1 105	—	1 105	29	87	8	156	—	...	10 153	—	...
\$150 to \$169.....	668	—	668	53	95	—	111	—	...	11 961	255	...
\$170 to \$199.....	1 216	—	1 216	86	305	16	233	—	...	15 234	38	...
\$200 to \$249.....	2 085	—	2 085	303	373	31	555	—	...	23 907	67	...
\$250 to \$299.....	1 718	—	1 718	518	249	9	315	7	...	20 559	43	...
\$300 to \$349.....	798	—	798	431	146	13	172	—	...	11 775	38	...
\$350 to \$399.....	589	—	589	275	63	—	112	4	...	5 552	35	...
\$400 to \$499.....	258	—	258	185	11	—	63	—	...	2 770	—	...
\$500 or more.....	27	—	27	114	—	—	16	—	...	429	—	...
No cash rent.....	154	—	154	16	22	9	22	—	...	1 754	21	...
Median.....	\$203	—	\$203	\$295	\$217	\$210	\$222	\$270	...	\$218	\$168	...
HOUSEHOLD INCOME IN 1979												
Occupied housing units	21 048	9	21 039	3 384	2 902	195	3 629	16	22	251 136	657	87
Median income.....	\$11 215	...	\$11 209	\$14 795	\$11 548	\$6 903	\$8 190	\$3 929	\$33 750	\$13 126	\$10 266	\$26 985
Owner-occupied housing units	9 843	...	9 834	1 099	1 428	95	1 631	5	14	133 229	119	44
Median income.....	\$17 672	...	\$17 657	\$24 627	\$14 007	\$18 558	\$13 283	...	...	\$19 382	\$43 936	...
Renter-occupied housing units	11 205	...	11 205	2 285	1 474	100	1 998	11	8	117 907	538	43
Median income.....	\$6 680	...	\$6 680	\$11 593	\$8 671	\$4 929	\$6 035	...	...	\$7 400	\$6 187	...
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	1 390	...	1 390	72	272	5	348	...	...	18 194	—	...
Percent below poverty level.....	14.1	...	14.1	6.6	19.0	5.3	21.3	...	...	13.7	—	...
Complete plumbing for exclusive use.....	1 367	...	1 367	72	272	5	342	...	...	17 905	—	...
1.01 or more persons per room.....	107	...	107	—	21	—	49	...	...	1 540	—	...
Locking complete plumbing for exclusive use.....	23	...	23	—	—	—	6	...	...	289	—	...
1.01 or more persons per room.....	—	...	—	—	—	—	—	...	...	51	—	...
Renter-occupied housing units	5 153	...	5 153	591	520	69	1 136	...	...	49 652	259	...
Percent below poverty level.....	46.0	...	46.0	25.9	35.3	69.0	56.9	...	...	42.1	48.1	...
Complete plumbing for exclusive use.....	5 030	...	5 030	576	511	65	1 086	...	...	47 636	240	...
1.01 or more persons per room.....	377	...	377	33	44	3	172	...	...	3 252	20	...
Locking complete plumbing for exclusive use.....	123	...	123	15	9	4	50	...	...	2 016	19	...
1.01 or more persons per room.....	6	...	6	6	—	—	—	...	...	161	6	...

Table 82. Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.

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

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's

	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kalamazoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shores city	Pontiac city	Portage city	Roseville city
Occupied housing units -----	20 392	8 741	2 040	3 755	5 756	17	2 494	2 726	87	8 494	279	180
HOUSE HEATING FUEL												
Utility gas -----	17 201	8 210	1 734	2 895	4 875	10	2 319	2 627	79	7 185	209	171
Bottled, tank, or LP gas -----	202	84	13	44	53	7	31	7	—	85	4	—
Electricity -----	1 777	295	176	347	540	—	104	61	8	851	45	5
Fuel oil, kerosene, etc -----	1 082	100	93	397	237	—	14	18	—	309	21	—
Cool or coke -----	19	6	—	56	7	—	—	—	—	6	—	4
Wood -----	—	—	—	7	—	—	—	—	—	—	—	—
Other fuel -----	93	46	8	—	33	—	26	13	—	22	—	—
No fuel used -----	18	—	16	9	11	—	—	—	—	36	—	—
WATER HEATING FUEL												
Utility gas -----	17 503	8 143	1 789	3 124	4 649	17	2 301	2 540	87	7 198	211	170
Bottled, tank, or LP gas -----	775	206	34	79	85	—	77	27	—	309	10	6
Electricity -----	1 990	336	193	488	933	—	116	134	—	922	58	4
Fuel oil, kerosene, etc -----	71	21	19	37	17	—	—	—	—	17	—	—
Other -----	49	16	5	27	—	—	—	19	—	23	—	—
No fuel used -----	4	19	—	—	12	—	—	6	—	25	—	—
COOKING FUEL												
Utility gas -----	12 855	7 585	1 568	2 707	2 992	4	2 080	2 381	43	6 207	110	155
Bottled, tank, or LP gas -----	192	102	34	38	33	—	28	—	—	94	—	—
Electricity -----	7 230	1 037	424	976	2 723	13	376	328	44	2 173	169	25
Other -----	50	10	—	18	—	—	—	8	—	11	—	—
No fuel used -----	65	7	14	16	8	—	10	9	—	9	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	10 589	3 588	915	1 157	2 176	...	1 225	1 486	36	3 985	117	128
With a mortgage -----	8 236	2 564	546	765	1 761	...	808	948	36	2 887	105	108
Less than \$100 -----	4	7	6	6	5	...	9	—	—	6	—	—
\$100 to \$149 -----	85	45	26	12	17	...	23	32	—	34	—	4
\$150 to \$199 -----	431	201	32	53	34	...	141	156	—	137	—	14
\$200 to \$249 -----	1 086	356	131	121	200	...	207	247	—	518	—	17
\$250 to \$299 -----	1 938	567	156	219	307	...	192	232	—	580	8	23
\$300 to \$349 -----	1 855	594	121	128	336	...	118	167	5	619	—	29
\$350 to \$399 -----	1 314	349	44	61	300	...	32	80	5	377	25	4
\$400 to \$449 -----	641	159	—	67	203	...	47	22	6	328	35	6
\$450 to \$499 -----	412	77	10	44	122	...	24	—	7	153	19	4
\$500 to \$599 -----	337	115	14	31	152	...	15	—	—	100	12	7
\$600 to \$749 -----	65	67	—	13	71	...	—	12	6	35	—	—
\$750 or more -----	68	27	6	10	14	...	—	—	7	—	6	—
Median -----	\$315	\$309	\$275	\$293	\$347	...	\$256	\$258	\$464	\$314	\$428	\$291
Not mortgaged -----	2 353	1 024	369	392	415	...	417	538	—	1 098	12	20
Less than \$50 -----	8	18	—	10	—	...	—	—	—	25	—	—
\$50 to \$74 -----	39	36	4	6	—	...	7	7	—	11	—	—
\$75 to \$99 -----	114	107	14	26	20	...	20	42	—	38	—	—
\$100 to \$149 -----	693	467	103	141	140	...	155	256	—	359	12	—
\$150 to \$199 -----	914	201	139	100	126	...	132	169	—	358	—	20
\$200 to \$249 -----	352	141	95	63	80	...	69	51	—	213	—	—
\$250 or more -----	233	54	14	46	49	...	34	13	—	94	—	—
Median -----	\$165	\$138	\$177	\$155	\$164	...	\$162	\$144	—	\$168	\$138	\$163
GROSS RENT												
Specified renter-occupied housing units -----	8 056	4 335	921	2 266	3 223	...	1 106	1 072	41	3 698	149	44
Less than \$50 -----	34	20	5	6	9	...	—	—	—	43	—	—
\$50 to \$59 -----	155	33	16	18	78	...	—	20	—	135	—	—
\$60 to \$79 -----	115	41	5	56	43	...	7	14	—	78	—	—
\$80 to \$99 -----	93	81	32	51	45	...	16	24	—	80	—	—
\$100 to \$119 -----	151	127	24	39	39	...	33	33	—	107	—	—
\$120 to \$149 -----	266	373	51	205	126	...	42	49	—	155	—	—
\$150 to \$169 -----	487	519	113	190	175	...	125	81	—	123	—	7
\$170 to \$199 -----	727	877	125	289	264	...	273	267	—	224	28	—
\$200 to \$249 -----	2 021	1 013	134	441	786	...	363	278	16	825	31	12
\$250 to \$299 -----	1 911	615	211	393	667	...	129	169	8	726	22	14
\$300 to \$349 -----	932	323	126	257	451	...	85	85	14	590	17	6
\$350 to \$399 -----	654	162	42	175	285	...	23	22	3	316	31	—
\$400 to \$499 -----	356	81	25	112	205	...	10	8	—	205	13	—
\$500 or more -----	33	9	3	28	28	...	—	—	—	25	7	—
No cash rent -----	121	61	9	6	22	...	—	22	—	66	—	5
Median -----	\$248	\$203	\$222	\$225	\$252	...	\$207	\$209	\$289	\$253	\$272	\$252
HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	20 392	8 741	2 040	3 755	5 756	17	2 494	2 726	87	8 494	279	180
Median income -----	\$16 750	\$11 736	\$11 936	\$10 529	\$16 037	\$31 500	\$9 930	\$9 913	\$17 656	\$17 587	\$18 194	\$16 944
Owner-occupied housing units -----	11 878	4 320	1 057	1 384	2 431	9	1 381	1 654	46	4 503	126	136
Median income -----	\$22 075	\$18 181	\$16 274	\$16 471	\$24 527	...	\$13 425	\$13 421	\$36 429	\$23 740	\$27 969	\$18 750
Renter-occupied housing units -----	8 514	4 421	983	2 371	3 325	8	1 113	1 072	41	3 991	153	44
Median income -----	\$8 408	\$7 443	\$7 998	\$7 261	\$11 663	...	\$6 808	\$6 760	\$12 321	\$11 411	\$12 930	\$8 571
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units -----	1 352	666	162	214	137	...	290	249	—	553	—	6
Percent below poverty level -----	11.4	15.4	15.3	15.5	5.6	...	21.0	15.1	—	12.3	—	4.4
Complete plumbing for exclusive use -----	1 352	662	154	214	137	...	286	249	—	546	—	6
1.01 or more persons per room -----	120	60	6	23	7	...	42	31	—	70	—	—
Lacking complete plumbing for exclusive use -----	—	4	8	—	—	...	4	—	—	7	—	—
1.01 or more persons per room -----	—	—	—	—	—	...	—	—	—	—	—	—
Renter-occupied housing units -----	3 549	1 803	392	1 095	1 103	...	520	541	14	1 332	17	13
Percent below poverty level -----	41.7	40.8	39.9	46.2	33.2	...	46.7	50.5	34.1	33.4	11.1	29.5
Complete plumbing for exclusive use -----	3 410	1 713	386	1 070	1 059	...	498	541	14	1 278	17	13
1.01 or more persons per room -----	369	102	36	81	62	...	62	73	4	165	7	—
Lacking complete plumbing for exclusive use -----	139	90	6	25	44	...	22	—	—	54	—	—
1.01 or more persons per room -----	6	21	—	—	—	...	—	—	—	13	—	—

Table 82. **Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

Places—Con.

	Royal Oak city	Saginaw city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Occupied housing units	34	8 434	70	2 386	74	425	228	131	140	753	370
HOUSE HEATING FUEL											
Utility gas	27	7 120	70	1 983	60	342	178	104	140	658	308
Bottled, tank, or LP gas	—	82	—	8	6	—	6	8	—	—	—
Electricity	7	925	—	349	8	83	44	19	—	95	62
Fuel oil, kerosene, etc	—	272	—	41	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	—	—
Other fuel	—	27	—	5	—	—	—	—	—	—	—
No fuel used	—	8	—	—	—	—	—	—	—	—	—
WATER HEATING FUEL											
Utility gas	27	7 373	52	1 756	66	307	152	117	130	601	305
Bottled, tank, or LP gas	—	333	—	41	4	14	6	8	—	15	13
Electricity	7	667	18	582	4	104	70	6	10	133	52
Fuel oil, kerosene, etc	—	26	—	7	—	—	—	—	—	—	—
Other	—	8	—	—	—	—	—	—	—	—	—
No fuel used	—	27	—	—	—	—	—	—	—	4	—
COOKING FUEL											
Utility gas	13	7 039	37	442	38	348	34	115	41	421	307
Bottled, tank, or LP gas	—	65	—	11	—	11	—	—	—	—	—
Electricity	21	1 305	33	1 933	36	66	194	12	99	332	63
Other	—	—	—	—	—	—	—	—	—	—	—
No fuel used	—	25	—	—	—	—	—	4	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units .....	...	3 723	65	1 359	43	18	75	13	13	495	99
With a mortgage .....	...	2 649	45	1 325	43	18	75	7	13	344	80
Less than \$100 .....	...	9	—	—	—	—	—	—	—	—	—
\$100 to \$149 .....	...	62	—	—	—	—	—	—	—	16	—
\$150 to \$199 .....	...	183	—	—	—	—	—	—	—	7	—
\$200 to \$249 .....	...	426	—	—	—	—	—	—	—	32	4
\$250 to \$299 .....	...	717	18	13	—	—	—	—	—	95	5
\$300 to \$349 .....	...	699	10	14	7	7	—	—	—	41	13
\$350 to \$399 .....	...	308	—	40	—	—	—	4	—	66	20
\$400 to \$449 .....	...	139	—	76	—	6	—	—	—	64	6
\$450 to \$499 .....	...	44	13	75	—	—	—	—	—	12	5
\$500 to \$599 .....	...	37	4	264	6	5	7	3	7	—	22
\$600 to \$749 .....	...	15	—	326	14	—	48	—	6	11	5
\$750 or more .....	...	10	—	517	16	—	20	—	—	—	—
Median .....	...	\$295	\$322	\$672	\$630	\$417	\$701	\$394	\$596	\$327	\$395
Not mortgaged .....	...	1 074	20	34	—	—	—	6	—	151	19
Less than \$50 .....	...	10	—	—	—	—	—	—	—	—	—
\$50 to \$74 .....	...	38	—	—	—	—	—	—	—	—	—
\$75 to \$99 .....	...	82	—	—	—	—	—	—	—	—	—
\$100 to \$149 .....	...	316	14	—	—	—	—	—	—	36	8
\$150 to \$199 .....	...	331	—	—	—	—	—	6	—	59	5
\$200 to \$249 .....	...	187	—	—	—	—	—	—	—	44	6
\$250 or more .....	...	110	6	34	—	—	—	—	—	12	—
Median .....	...	\$162	\$143	\$297	—	—	—	\$163	—	\$186	\$182
GROSS RENT											
Specified renter-occupied housing units	26	4 050	...	820	23	311	137	113	127	236	245
Less than \$50	—	31	—	—	—	5	—	—	—	4	—
\$50 to \$59	—	72	—	—	—	9	—	—	—	—	—
\$60 to \$79	—	57	—	16	—	—	—	—	—	9	—
\$80 to \$99	—	94	—	11	—	22	7	—	—	10	—
\$100 to \$119	—	119	—	—	—	14	—	—	11	—	—
\$120 to \$149	—	209	—	—	—	9	—	—	—	—	—
\$150 to \$169	—	181	—	—	—	—	—	—	—	—	8
\$170 to \$199	—	432	—	7	—	10	—	—	—	—	17
\$200 to \$249	—	1 035	—	—	—	16	—	14	12	8	131
\$250 to \$299	12	837	—	13	6	39	—	51	39	54	50
\$300 to \$349	—	481	—	73	5	96	21	17	20	48	34
\$350 to \$399	14	296	—	260	8	41	53	3	45	40	13
\$400 to \$499	—	144	—	277	4	50	56	17	—	39	—
\$500 or more	—	21	—	158	—	—	—	4	—	—	—
No cash rent	—	41	—	5	—	—	—	7	—	16	—
Median	\$354	\$238	...	\$410	\$353	\$316	\$388	\$282	\$304	\$318	\$242
HOUSEHOLD INCOME IN 1979											
Occupied housing units	34	8 434	70	2 386	74	425	228	131	140	753	370
Median income	\$12 083	\$11 964	\$20 000	\$33 450	\$33 056	\$19 417	\$24 125	\$21 650	\$20 595	\$22 392	\$18 378
Owner-occupied housing units	8	4 213	65	1 533	51	49	91	18	13	508	125
Median income .....	...	\$18 732	...	\$38 794	\$40 714	\$21 250	\$43 000	\$20 833	\$39 643	\$24 744	\$26 583
Renter-occupied housing units	26	4 221	5	853	23	376	137	113	127	245	245
Median income .....	...	\$6 681	...	\$23 046	\$30 313	\$18 667	\$20 187	\$22 109	\$17 292	\$17 448	\$14 818
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units .....	...	696	...	27	—	—	—	—	—	36	5
Percent below poverty level .....	...	16.5	...	1.8	—	—	—	—	—	7.1	4.0
Complete plumbing for exclusive use .....	...	686	...	27	—	—	—	—	—	36	5
1.01 or more persons per room .....	...	87	...	—	—	—	—	—	—	—	—
Lacking complete plumbing for exclusive use .....	...	10	...	—	—	—	—	—	—	—	—
1.01 or more persons per room .....	...	6	...	—	—	—	—	—	—	—	—
Renter-occupied housing units	2 182	...	50	...	87	3	6	49	20	...	...
Percent below poverty level .....	...	51.7	...	5.9	—	23.1	2.2	5.3	—	20.0	8.2
Complete plumbing for exclusive use .....	...	2 128	...	50	—	87	3	6	—	49	20
1.01 or more persons per room .....	...	181	...	—	—	—	—	—	—	—	—
Lacking complete plumbing for exclusive use .....	...	54	...	—	—	—	—	—	—	—	—
1.01 or more persons per room .....	...	9	...	—	—	—	—	—	—	—	—

Table 82a. **Fuels and Financial Characteristics of Housing Units With a Black Householder for Towns/Townships: 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]

Towns/Townships of 50,000 or More	Clinton township, Macomb County	Redford township	Waterford township
Occupied housing units -----	724	-	140
HOUSE HEATING FUEL			
Utility gas -----	585	-	140
Bottled, tank, or LP gas -----	8	-	-
Electricity -----	83	-	-
Fuel oil, kerosene, etc -----	27	-	-
Coal or coke -----	5	-	-
Wood -----	-	-	-
Other fuel -----	16	-	-
No fuel used -----	-	-	-
WATER HEATING FUEL			
Utility gas -----	535	-	130
Bottled, tank, or LP gas -----	14	-	-
Electricity -----	166	-	10
Fuel oil, kerosene, etc -----	-	-	-
Other -----	9	-	-
No fuel used -----	-	-	-
COOKING FUEL			
Utility gas -----	486	-	41
Bottled, tank, or LP gas -----	6	-	-
Electricity -----	232	-	99
Other -----	-	-	-
No fuel used -----	-	-	-
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units -----	230	-	13
With a mortgage -----	182	-	13
Less than \$100 -----	-	-	-
\$100 to \$149 -----	7	-	-
\$150 to \$199 -----	6	-	-
\$200 to \$249 -----	5	-	-
\$250 to \$299 -----	8	-	-
\$300 to \$349 -----	28	-	-
\$350 to \$399 -----	43	-	-
\$400 to \$449 -----	29	-	-
\$450 to \$499 -----	35	-	-
\$500 to \$599 -----	6	-	7
\$600 to \$749 -----	8	-	6
\$750 or more -----	7	-	-
Median -----	\$393	-	\$596
Not mortgaged -----	48	-	-
Less than \$50 -----	-	-	-
\$50 to \$74 -----	-	-	-
\$75 to \$99 -----	-	-	-
\$100 to \$149 -----	19	-	-
\$150 to \$199 -----	14	-	-
\$200 to \$249 -----	11	-	-
\$250 or more -----	4	-	-
Median -----	\$184	-	-
GROSS RENT			
Specified renter-occupied housing units -----	369	-	127
Less than \$50 -----	-	-	-
\$50 to \$59 -----	4	-	-
\$60 to \$79 -----	10	-	-
\$80 to \$99 -----	38	-	-
\$100 to \$119 -----	36	-	11
\$120 to \$149 -----	42	-	-
\$150 to \$169 -----	7	-	-
\$170 to \$199 -----	31	-	-
\$200 to \$249 -----	88	-	12
\$250 to \$299 -----	37	-	39
\$300 to \$349 -----	48	-	20
\$350 to \$399 -----	22	-	45
\$400 to \$499 -----	6	-	-
\$500 or more -----	-	-	-
No cash rent -----	-	-	-
Median -----	\$212	-	\$304
HOUSEHOLD INCOME IN 1979			
Occupied housing units -----	724	-	140
Median income -----	\$16 857	-	\$20 595
Owner-occupied housing units -----	288	-	13
Median income -----	\$19 701	-	\$39 643
Renter-occupied housing units -----	436	-	127
Median income -----	\$11 050	-	\$17 292
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units -----	38	-	-
Percent below poverty level -----	13.2	-	-
Complete plumbing for exclusive use -----	38	-	-
1.01 or more persons per room -----	9	-	-
Lacking complete plumbing for exclusive use -----	-	-	-
1.01 or more persons per room -----	-	-	-
Renter-occupied housing units -----	145	-	-
Percent below poverty level -----	33.3	-	-
Complete plumbing for exclusive use -----	145	-	-
1.01 or more persons per room -----	7	-	-
Lacking complete plumbing for exclusive use -----	-	-	-
1.01 or more persons per room -----	-	-	-

Table 83. Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 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]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]**

	SMSA's							Toledo, Ohio-Mich.		
	Detroit--Ann Arbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Kalamazoo-Portage, Mich.	Lansing-East Lansing, Mich.	Muskegon-Norton Shores-Muskegon Heights, Mich.	Total	Michigan (pt.)	Ohio (pt.)
Occupied housing units	5 033	4 739	1 105	686	402	744	336	595	90	505
HOUSE HEATING FUEL										
Utility gas.....	4 417	4 170	877	579	279	532	230	446	48	398
Bottled, tank, or LP gas.....	54	54	62	19	25	22	33	54	12	42
Electricity.....	250	236	30	6	15	74	15	44	--	44
Fuel oil, kerosene, etc.....	249	223	130	80	76	92	39	46	30	16
Coal or coke.....	5	5	--	--	--	22	--	--	--	--
Wood.....	39	39	6	2	7	2	19	5	--	5
Other fuel.....	12	5	--	--	--	--	--	--	--	--
No fuel used.....	7	7	--	--	--	--	--	--	--	--
WATER HEATING FUEL										
Utility gas.....	4 067	3 832	754	520	237	479	226	409	47	362
Bottled, tank, or LP gas.....	78	78	32	28	21	32	28	33	6	27
Electricity.....	836	777	311	131	136	190	79	147	37	110
Fuel oil, kerosene, etc.....	38	38	8	2	6	21	3	6	--	6
Other.....	14	14	--	--	2	22	--	--	--	--
No fuel used.....	--	--	--	5	--	--	--	--	--	--
COOKING FUEL										
Utility gas.....	3 145	3 039	640	454	217	299	193	319	33	286
Bottled, tank, or LP gas.....	52	50	25	54	48	27	58	47	6	41
Electricity.....	1 815	1 636	430	172	127	410	85	225	47	178
Other.....	7	7	10	--	2	--	--	--	--	--
No fuel used.....	14	7	--	6	8	--	--	4	4	--
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	2 363	2 243	561	261	172	208	192	267	57	210
With a mortgage.....	1 882	1 783	430	191	141	158	117	189	44	145
Less than \$100.....	--	--	--	--	--	--	--	--	--	--
\$100 to \$149.....	19	19	2	--	--	1	6	--	--	--
\$150 to \$199.....	20	20	31	16	8	--	25	--	--	--
\$200 to \$249.....	162	162	62	38	31	10	11	29	--	29
\$250 to \$299.....	213	208	89	35	9	52	34	23	11	12
\$300 to \$349.....	438	427	100	27	18	28	26	36	--	36
\$350 to \$399.....	351	330	56	30	18	30	2	18	11	7
\$400 to \$449.....	179	165	17	7	27	27	13	28	5	23
\$450 to \$499.....	155	145	24	6	10	--	--	6	6	--
\$500 to \$599.....	178	162	34	19	10	--	--	22	5	17
\$600 to \$749.....	97	94	15	13	8	10	--	13	6	7
\$750 or more.....	70	51	--	--	2	--	--	14	--	14
Median.....	\$363	\$358	\$315	\$312	\$363	\$329	\$274	\$368	\$400	\$344
Not mortgaged.....	481	460	131	70	31	50	75	78	13	65
Less than \$50.....	--	--	--	--	--	--	--	--	--	--
\$50 to \$74.....	7	7	--	--	--	11	2	--	--	--
\$75 to \$99.....	22	22	14	4	8	--	9	--	--	--
\$100 to \$149.....	127	121	50	30	11	14	61	47	7	40
\$150 to \$199.....	237	228	55	22	12	10	3	25	--	25
\$200 to \$249.....	55	55	2	14	--	10	--	--	--	--
\$250 or more.....	33	27	10	--	--	5	--	6	6	--
Median.....	\$163	\$162	\$151	\$156	\$140	\$150	\$117	\$143	\$148	\$141
GROSS RENT										
Specified renter-occupied housing units	2 100	1 947	396	351	169	418	88	271	21	250
Less than \$50.....	21	21	5	4	--	3	--	--	--	--
\$50 to \$59.....	6	6	--	--	6	6	--	8	--	8
\$60 to \$79.....	32	32	--	--	--	--	--	7	--	7
\$80 to \$99.....	26	11	--	2	8	--	--	5	--	5
\$100 to \$119.....	66	66	7	22	--	21	1	8	--	8
\$120 to \$149.....	133	133	13	27	20	15	8	17	--	17
\$150 to \$169.....	126	126	36	39	26	39	--	24	--	24
\$170 to \$199.....	168	147	26	62	23	42	--	32	--	32
\$200 to \$249.....	420	414	89	101	44	76	33	63	6	57
\$250 to \$299.....	450	393	95	52	14	100	37	37	6	31
\$300 to \$349.....	296	272	90	27	16	51	5	20	--	20
\$350 to \$399.....	155	155	17	--	12	11	--	28	4	24
\$400 to \$499.....	132	111	12	4	--	49	--	15	5	10
\$500 or more.....	37	31	--	6	--	--	--	7	--	7
No cash rent.....	32	29	6	5	--	5	4	--	--	--
Median.....	\$254	\$250	\$260	\$206	\$202	\$252	\$250	\$228	\$294	\$219
HOUSEHOLD INCOME IN 1979										
Occupied housing units	5 033	4 739	1 105	686	402	744	336	595	90	505
Median income.....	\$17 459	\$17 459	\$17 131	\$11 827	\$11 716	\$15 600	\$11 694	\$13 772	\$28 375	\$12 716
Owner-occupied housing units	2 852	2 711	685	317	223	304	246	\$20 437	\$29 000	\$18 802
Median income.....	\$21 571	\$21 519	\$20 558	\$19 732	\$17 697	\$21 000	\$14 333	\$20 437	\$29 000	\$18 802
Renter-occupied housing units	2 181	2 028	420	369	179	440	90	288	24	264
Median income.....	\$11 505	\$11 578	\$11 211	\$9 123	\$8 836	\$12 000	\$5 833	\$8 963	\$19 375	\$8 780
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	274	265	73	40	45	23	29	44	7	37
Percent below poverty level.....	9.6	9.8	10.7	12.6	20.2	7.6	11.8	14.3	10.6	15.4
Complete plumbing for exclusive use.....	274	265	73	40	45	23	29	44	7	37
1.01 or more persons per room.....	37	37	--	2	3	--	2	--	--	--
Lacking complete plumbing for exclusive use.....	--	--	--	--	--	--	--	--	--	--
1.01 or more persons per room.....	--	--	--	--	--	--	--	--	--	--
Renter-occupied housing units	604	571	107	128	45	142	58	105	9	96
Percent below poverty level.....	27.7	28.2	25.5	34.7	25.1	32.3	64.4	36.5	37.5	36.4
Complete plumbing for exclusive use.....	584	551	101	123	39	142	58	105	9	96
1.01 or more persons per room.....	19	19	5	2	11	8	5	--	--	--
Lacking complete plumbing for exclusive use.....	20	20	6	5	6	--	--	--	--	--
1.01 or more persons per room.....	5	5	--	--	6	--	--	--	--	--

Table 83. Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980—Con.

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

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's [1,000 or More of the Specified Racial Group]	Urbanized areas				Places		
	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Lansing, Mich.	Detroit city	Grand Rapids city	Lansing city
Occupied housing units	4 071	868	448	541	1 359	317	387
HOUSE HEATING FUEL							
Utility gas	3 716	754	432	416	1 279	317	342
Battled, tank, or LP gas	38	24	—	—	9	—	—
Electricity	182	28	6	69	41	—	19
Fuel oil, kerosene, etc	104	62	10	34	13	—	26
Coal or coke	5	—	—	22	5	—	—
Wood	14	—	—	—	—	—	—
Other fuel	5	—	—	—	5	—	—
No fuel used	7	—	—	—	7	—	—
WATER HEATING FUEL							
Utility gas	3 487	664	402	397	1 289	289	325
Battled, tank, or LP gas	52	6	—	14	11	—	14
Electricity	504	198	41	89	52	23	43
Fuel oil, kerosene, etc	14	—	—	19	—	—	5
Other	14	—	—	22	7	—	—
No fuel used	—	—	5	—	—	5	—
COOKING FUEL							
Utility gas	2 791	545	376	220	1 144	290	172
Battled, tank, or LP gas	18	20	3	6	—	—	—
Electricity	1 255	303	63	307	208	27	207
Other	—	—	—	—	—	—	—
No fuel used	7	—	6	8	7	—	8
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
Specified owner-occupied housing units	1 898	436	140	125	485	72	92
With a mortgage	1 479	343	92	96	311	53	82
Less than \$100	—	—	—	—	—	—	—
\$100 to \$149	19	—	—	—	7	—	—
\$150 to \$199	20	31	5	—	5	5	—
\$200 to \$249	139	56	12	10	49	6	10
\$250 to \$299	184	66	25	42	65	14	42
\$300 to \$349	364	81	10	15	95	7	9
\$350 to \$399	287	44	22	13	37	15	13
\$400 to \$449	133	12	—	13	24	—	8
\$450 to \$499	118	24	6	—	14	6	—
\$500 to \$599	127	29	12	—	10	—	—
\$600 to \$749	53	—	—	3	5	—	—
\$750 or more	35	—	—	—	—	—	—
Median	\$352	\$311	\$320	\$295	\$316	\$311	\$287
Not mortgaged	419	93	48	29	174	19	10
Less than \$50	—	—	—	—	—	—	—
\$50 to \$74	7	—	—	—	—	—	—
\$75 to \$99	22	8	—	—	5	—	—
\$100 to \$149	105	33	19	6	49	13	—
\$150 to \$199	216	46	15	10	94	—	10
\$200 to \$249	42	—	14	8	15	6	—
\$250 or more	27	6	—	5	11	—	—
Median	\$162	\$154	\$183	\$192	\$160	\$118	\$175
GROSS RENT							
Specified renter-occupied housing units	1 772	335	292	368	753	229	258
Less than \$50	13	5	4	3	—	4	—
\$50 to \$59	6	—	—	6	—	—	6
\$60 to \$79	32	—	—	—	26	—	—
\$80 to \$99	11	—	—	—	11	—	—
\$100 to \$119	60	7	22	17	45	15	17
\$120 to \$149	133	5	17	15	112	17	15
\$150 to \$169	126	32	39	36	76	39	23
\$170 to \$199	127	26	51	42	98	51	28
\$200 to \$249	402	77	95	60	160	66	54
\$250 to \$299	363	75	34	87	95	21	62
\$300 to \$349	235	73	27	44	67	16	17
\$350 to \$399	112	17	—	9	35	—	9
\$400 to \$499	104	12	—	49	23	—	27
\$500 or more	24	—	—	—	—	—	—
No cash rent	24	6	3	—	5	—	—
Median	\$246	\$258	\$204	\$253	\$202	\$193	\$231
HOUSEHOLD INCOME IN 1979							
Occupied housing units	4 071	868	448	541	1 359	317	387
Median income	\$17 222	\$17 279	\$10 560	\$13 984	\$13 008	\$9 957	\$13 051
Owner-occupied housing units	2 254	522	156	159	592	88	115
Median income	\$21 587	\$20 427	\$19 167	\$21 875	\$17 619	\$17 292	\$19 519
Renter-occupied housing units	1 817	346	292	382	767	229	272
Median income	\$11 584	\$11 136	\$8 514	\$12 021	\$9 422	\$7 802	\$11 755
INCOME IN 1979 BELOW POVERTY LEVEL							
Owner-occupied housing units	225	64	20	17	69	13	17
Percent below poverty level	10.0	12.3	12.8	10.7	11.7	14.8	14.8
Complete plumbing for exclusive use	225	64	20	17	69	13	17
1.01 or more persons per room	37	—	—	—	5	—	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—
Renter-occupied housing units	498	89	114	121	269	101	92
Percent below poverty level	27.4	25.7	39.0	31.7	35.1	44.1	33.8
Complete plumbing for exclusive use	478	83	109	121	264	96	92
1.01 or more persons per room	13	5	2	3	4	—	3
Lacking complete plumbing for exclusive use	20	6	—	—	5	5	—
1.01 or more persons per room	5	—	—	—	5	—	—

Table 83a. Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980

(The above table(s) were omitted because there were no qualifying areas)

Table 84. **Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 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]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's [1,000 or More of the Specified Racial Group]	SCSA's							SMSA's		
	Detroit-Ann Arbor, Mich.	Ann Arbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Kalamazoo- Portage, Mich.	Lansing-East Lansing, Mich.	Toledo, Ohio-Mich.		
								Total	Michigan (pt.)	Ohio (pt.)
Occupied housing units	12 160	1 777	10 383	672	908	374	1 055	1 060	79	981
HOUSE HEATING FUEL										
Utility gas	10 964	1 573	9 391	617	772	262	774	718	63	655
Bottled, tank, or LP gas	85	11	74	2	27	7	5	38	—	38
Electricity	734	94	640	34	58	49	83	242	—	242
Fuel oil, kerosene, etc	315	91	224	12	45	48	49	60	16	44
Coal or coke	11	—	11	—	6	8	133	—	—	—
Wood	6	—	6	—	—	—	1	2	—	2
Other fuel	38	8	30	7	—	—	10	—	—	—
No fuel used	7	—	7	—	—	—	—	—	—	—
WATER HEATING FUEL										
Utility gas	10 591	1 449	9 142	585	765	264	770	704	58	646
Bottled, tank, or LP gas	171	24	147	2	30	3	25	40	—	40
Electricity	1 205	237	968	85	113	86	133	304	14	290
Fuel oil, kerosene, etc	106	51	55	—	—	13	14	12	7	5
Other	49	8	41	—	—	8	113	—	—	—
No fuel used	38	8	30	—	—	—	—	—	—	—
COOKING FUEL										
Utility gas	6 307	874	5 433	245	614	138	342	418	13	405
Bottled, tank, or LP gas	55	—	55	9	33	17	5	33	7	26
Electricity	5 777	903	4 874	418	261	219	708	609	59	550
Other	11	—	11	—	—	—	—	—	—	—
No fuel used	10	—	10	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	6 000	587	5 413	368	394	130	389	496	42	454
With a mortgage	5 219	549	4 670	328	318	125	359	440	35	405
Less than \$100	14	—	14	—	—	—	—	—	—	—
\$100 to \$149	10	—	10	—	7	—	7	9	—	9
\$150 to \$199	12	4	8	—	—	—	9	—	—	—
\$200 to \$249	143	7	136	13	24	4	11	22	—	22
\$250 to \$299	271	22	249	8	39	—	5	35	—	35
\$300 to \$349	372	31	341	36	80	8	19	37	9	28
\$350 to \$399	416	15	401	23	37	9	7	60	7	53
\$400 to \$449	401	37	364	49	6	22	35	19	—	19
\$450 to \$499	395	35	360	30	15	19	56	44	8	36
\$500 to \$599	719	85	634	51	38	35	58	69	7	62
\$600 to \$749	1 017	157	860	52	32	11	91	62	—	62
\$750 or more	1 449	156	1 293	66	40	17	61	83	4	79
Median	\$582	\$621	\$573	\$509	\$362	\$501	\$572	\$493	\$459	\$501
Not mortgaged	781	38	743	40	76	5	30	56	7	49
Less than \$50	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	5	—	5	—	—	—	—	—	—	—
\$75 to \$99	30	—	30	—	7	—	6	15	—	15
\$100 to \$149	233	—	233	16	30	2	15	24	7	17
\$150 to \$199	291	20	271	24	33	3	2	12	—	12
\$200 to \$249	104	2	102	—	6	—	5	5	—	5
\$250 or more	118	16	102	—	11	—	2	—	—	—
Median	\$166	\$199	\$164	\$154	\$152	\$154	\$136	\$119	\$138	\$114
GROSS RENT										
Specified renter-occupied housing units	5 014	1 061	3 953	242	395	190	586	456	28	428
Less than \$50	21	10	11	—	5	—	—	—	—	—
\$50 to \$59	13	4	9	—	—	—	11	—	—	—
\$60 to \$79	48	7	41	9	—	—	—	10	—	10
\$80 to \$99	108	—	108	8	—	—	16	26	—	26
\$100 to \$119	75	—	75	13	—	2	—	—	—	—
\$120 to \$149	365	32	333	6	13	36	17	12	—	12
\$150 to \$169	356	129	227	—	21	21	153	17	—	17
\$170 to \$199	467	144	323	23	55	6	62	20	—	20
\$200 to \$249	748	177	571	36	127	33	96	108	8	100
\$250 to \$299	957	180	777	50	60	33	118	108	11	97
\$300 to \$349	825	138	687	51	63	6	27	78	—	78
\$350 to \$399	347	76	271	28	14	39	37	30	—	30
\$400 to \$499	411	122	289	14	18	—	35	12	7	5
\$500 or more	165	31	134	—	9	14	14	11	—	11
No cash rent	108	11	97	4	10	—	—	24	2	22
Median	\$263	\$255	\$265	\$267	\$234	\$245	\$216	\$260	\$261	\$260
HOUSEHOLD INCOME IN 1979										
Occupied housing units	12 160	1 777	10 383	672	908	374	1 055	1 060	79	981
Median income	\$25 154	\$19 390	\$26 191	\$22 222	\$16 937	\$13 594	\$16 767	\$19 607	\$22 426	\$19 143
Owner-occupied housing units	7 039	685	6 354	430	507	165	457	600	51	549
Median income	\$33 595	\$31 675	\$33 877	\$30 234	\$24 917	\$26 484	\$29 784	\$30 833	\$51 042	\$30 774
Renter-occupied housing units	5 121	1 092	4 029	242	401	209	598	460	28	432
Median income	\$15 215	\$10 055	\$16 147	\$10 536	\$11 614	\$10 545	\$7 500	\$11 667	\$18 750	\$11 471
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	297	7	290	31	40	13	8	36	7	29
Percent below poverty level	4.2	1.0	4.6	7.2	7.9	7.9	1.8	6.0	13.7	5.3
Complete plumbing for exclusive use	297	7	290	31	40	13	8	36	7	29
1.01 or more persons per room	30	—	30	6	—	7	—	—	—	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	1 120	334	786	66	113	39	241	104	10	94
Percent below poverty level	21.9	30.6	19.5	27.3	28.2	18.7	40.3	22.6	35.7	21.8
Complete plumbing for exclusive use	1 057	316	741	56	113	39	226	97	10	87
1.01 or more persons per room	239	76	163	4	62	8	104	25	—	25
Lacking complete plumbing for exclusive use	63	18	45	10	—	—	15	7	—	7
1.01 or more persons per room	8	—	8	—	—	—	—	—	—	—

Table 84. **Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]**

	Urbanized areas						South Bend, Ind.—Mich.		
	Ann Arbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Total	Indiana (pt.)	Michigan (pt.)
Occupied housing units	1 705	10 129	541	643	330	894	336	318	18
HOUSE HEATING FUEL									
Utility gas	1 507	9 182	502	573	242	641	230	212	18
Bottled, tank, or LP gas	11	69	—	20	—	—	—	—	—
Electricity	97	617	32	33	41	83	93	93	—
Fuel oil, kerosene, etc.	82	211	—	17	39	27	13	13	—
Cool or coke	—	9	—	—	8	133	—	—	—
Wood	—	4	—	—	—	—	—	—	—
Other fuel	8	30	7	—	—	10	—	—	—
No fuel used	—	7	—	—	—	—	—	—	—
WATER HEATING FUEL									
Utility gas	1 404	8 939	483	591	245	662	195	183	12
Bottled, tank, or LP gas	24	147	—	23	—	13	—	—	—
Electricity	214	923	58	29	64	92	135	129	6
Fuel oil, kerosene, etc.	47	55	—	—	13	14	6	6	—
Other	8	41	—	—	8	113	—	—	—
No fuel used	8	24	—	—	—	—	—	—	—
COOKING FUEL									
Utility gas	853	5 327	204	530	123	304	173	155	18
Bottled, tank, or LP gas	—	53	7	18	7	—	—	—	—
Electricity	852	4 728	330	95	200	590	163	163	—
Other	—	11	—	—	—	—	—	—	—
No fuel used	—	10	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	513	5 267	277	266	103	307	128	116	12
With a mortgage	472	4 550	256	221	103	298	108	96	12
Less than \$100	—	14	—	—	—	—	—	—	—
\$100 to \$149	—	10	—	7	—	—	—	—	—
\$150 to \$199	4	8	—	—	—	9	—	—	—
\$200 to \$249	7	123	7	13	—	6	26	26	—
\$250 to \$299	22	239	6	32	—	5	11	11	—
\$300 to \$349	25	341	33	75	6	13	—	—	—
\$350 to \$399	8	401	22	37	6	—	6	—	6
\$400 to \$449	31	350	40	6	20	35	5	5	—
\$450 to \$499	35	345	28	9	19	50	12	12	—
\$500 to \$599	78	630	34	13	35	56	37	37	—
\$600 to \$749	138	839	46	17	5	75	—	—	—
\$750 or more	124	1 250	40	12	12	49	11	5	6
Median	\$615	\$573	\$486	\$339	\$501	\$573	\$475	\$475	\$700
Not mortgaged	41	717	21	45	—	9	20	20	—
Less than \$50	—	—	—	—	—	—	—	—	—
\$50 to \$74	—	5	—	—	—	—	—	—	—
\$75 to \$99	—	27	—	7	—	—	6	6	—
\$100 to \$149	—	228	12	11	—	9	—	—	—
\$150 to \$199	18	263	9	23	—	—	7	7	—
\$200 to \$249	—	102	—	4	—	—	7	7	—
\$250 or more	23	92	—	—	—	—	—	—	—
Median	\$257	\$163	\$147	\$169	—	\$127	\$164	\$164	—
GROSS RENT									
Specified renter-occupied housing units	1 067	3 890	222	306	182	527	196	190	...
Less than \$50	10	11	—	5	—	—	—	—	...
\$50 to \$59	4	9	—	—	—	11	—	—	...
\$60 to \$79	7	41	9	—	—	—	—	—	...
\$80 to \$99	—	108	8	—	—	16	—	—	...
\$100 to \$119	—	75	13	—	—	—	17	17	...
\$120 to \$149	32	333	6	13	36	10	25	25	...
\$150 to \$169	129	227	—	21	21	153	8	8	...
\$170 to \$199	144	321	17	44	6	62	11	11	...
\$200 to \$249	171	560	36	94	33	86	52	46	...
\$250 to \$299	185	758	50	39	33	92	23	23	...
\$300 to \$349	138	670	51	46	6	27	41	41	...
\$350 to \$399	76	269	28	14	39	21	15	15	...
\$400 to \$499	129	282	—	15	—	35	—	—	...
\$500 or more	31	131	—	9	8	14	—	—	...
No cash rent	11	95	4	6	—	—	4	4	...
Median	\$256	\$264	\$264	\$224	\$242	\$206	\$240	\$240	...
HOUSEHOLD INCOME IN 1979									
Occupied housing units	1 705	10 129	541	643	330	894	336	318	18
Median income	\$18 328	\$26 108	\$19 506	\$16 250	\$12 500	\$16 765	\$15 435	\$15 109	\$18 750
Owner-occupied housing units	611	6 163	319	337	129	355	140	128	12
Median income	\$32 104	\$33 982	\$30 330	\$26 042	\$32 500	\$30 793	\$25 536	\$25 536	...
Renter-occupied housing units	1 094	3 966	222	306	201	539	196	190	6
Median income	\$10 110	\$16 125	\$10 833	\$11 727	\$10 417	\$8 171	\$8 500	\$8 875	...
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units	—	278	29	33	7	—	—	—	...
Percent below poverty level	—	4.5	9.1	9.8	5.4	—	—	—	...
Complete plumbing for exclusive use	—	278	29	33	7	—	—	—	...
1.01 or more persons per room	—	30	6	—	7	—	—	—	...
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	...
1.01 or more persons per room	—	—	—	—	—	—	—	—	...
Renter-occupied housing units	334	778	60	80	39	204	88	82	...
Percent below poverty level	30.5	19.6	27.0	26.1	19.4	37.8	44.9	43.2	...
Complete plumbing for exclusive use	316	733	50	80	39	195	88	82	...
1.01 or more persons per room	76	155	4	51	8	73	11	11	...
Lacking complete plumbing for exclusive use	18	45	10	—	9	—	—	—	...
1.01 or more persons per room	—	8	—	—	—	—	—	—	...

Table 84. Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980—Con.

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

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]

	Urbanized areas—Con.			Places							
	Toledo, Ohio—Mich.			Ann Arbor city	Detroit city	East Lansing city	Grand Rapids city	Southfield city	Sterling Heights city	Troy city	Warren city
	Total	Michigan (pt.)	Ohio (pt.)								
Occupied housing units	843	21	822	1 266	2 748	367	346	434	479	703	393
HOUSE HEATING FUEL											
Utility gas.....	555	14	541	1 143	2 456	193	325	362	446	657	354
Bottled, tank, or LP gas.....	23	—	23	11	22	—	14	—	—	11	—
Electricity.....	215	—	215	44	212	34	—	41	27	26	27
Fuel oil, kerosene, etc.....	50	7	43	60	24	—	7	24	6	9	12
Coal or coke.....	—	—	—	—	9	—	133	—	—	—	—
Wood.....	—	—	—	—	—	—	—	—	—	—	—
Other fuel.....	—	—	—	8	18	4	—	7	—	—	—
No fuel used.....	—	—	—	—	7	—	—	—	—	—	—
WATER HEATING FUEL											
Utility gas.....	549	14	535	1 053	2 365	219	332	351	459	646	364
Bottled, tank, or LP gas.....	32	—	32	17	58	—	8	11	—	11	—
Electricity.....	257	7	250	140	284	35	6	52	14	46	22
Fuel oil, kerosene, etc.....	5	—	5	40	—	—	—	14	6	—	—
Other.....	—	—	—	8	41	113	—	—	—	—	—
No fuel used.....	—	—	—	8	—	—	—	6	—	—	7
COOKING FUEL											
Utility gas.....	345	—	345	635	1 981	145	286	71	341	259	269
Bottled, tank, or LP gas.....	24	—	24	—	23	—	8	—	6	—	6
Electricity.....	474	21	453	631	737	222	52	363	132	444	118
Other.....	—	—	—	—	7	—	—	—	—	—	—
No fuel used.....	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	413	14	399	377	781	87	142	178	345	489	249
With a mortgage.....	366	14	352	343	448	87	120	172	338	483	225
Less than \$100.....	—	—	—	—	6	—	—	—	—	—	—
\$100 to \$149.....	9	—	9	—	—	—	7	—	—	—	—
\$150 to \$199.....	—	—	—	4	—	—	—	—	—	—	—
\$200 to \$249.....	17	—	17	—	55	—	13	—	—	—	11
\$250 to \$299.....	28	—	28	13	110	—	26	6	—	—	29
\$300 to \$349.....	28	—	28	19	97	6	50	—	12	—	20
\$350 to \$399.....	60	7	53	8	88	—	6	—	19	17	43
\$400 to \$449.....	17	—	17	21	41	13	—	39	29	16	—
\$450 to \$499.....	26	—	26	24	19	—	—	30	32	7	40
\$500 to \$599.....	69	7	62	44	8	7	—	41	91	63	39
\$600 to \$749.....	49	—	49	112	8	31	13	27	107	162	38
\$750 or more.....	63	—	63	98	16	30	5	29	48	218	5
Median.....	\$496	\$475	\$496	\$631	\$327	\$658	\$314	\$556	\$585	\$727	\$462
Not mortgaged.....	47	—	47	34	333	—	22	6	7	6	24
Less than \$50.....	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74.....	—	—	—	—	5	—	—	—	—	—	—
\$75 to \$99.....	13	—	13	—	20	—	7	—	—	—	—
\$100 to \$149.....	17	—	17	—	127	—	11	—	—	—	6
\$150 to \$199.....	12	—	12	18	135	—	4	6	—	—	6
\$200 to \$249.....	5	—	5	—	36	—	—	—	7	—	6
\$250 or more.....	—	—	—	16	10	—	—	—	—	6	6
Median.....	\$115	—	\$115	\$199	\$154	—	\$134	\$188	\$225	\$350	\$187
GROSS RENT											
Specified renter-occupied housing units	339	...	332	802	1 722	270	176	187	76	138	126
Less than \$50.....	—	...	—	10	—	—	5	—	—	—	—
\$50 to \$59.....	—	...	—	4	9	11	—	—	—	—	—
\$60 to \$79.....	10	...	10	7	11	—	—	6	—	—	—
\$80 to \$99.....	26	...	26	—	87	4	—	—	—	—	—
\$100 to \$119.....	—	...	—	—	64	—	—	—	—	—	—
\$120 to \$149.....	12	...	12	16	293	—	13	—	—	—	—
\$150 to \$169.....	10	...	10	83	189	146	21	—	—	—	3
\$170 to \$199.....	20	...	20	137	226	44	27	—	—	—	—
\$200 to \$249.....	64	...	64	160	372	28	36	—	6	—	9
\$250 to \$299.....	79	...	79	110	184	—	19	17	29	19	68
\$300 to \$349.....	60	...	60	76	160	—	36	18	16	33	33
\$350 to \$399.....	24	...	24	54	29	—	9	34	16	31	13
\$400 to \$499.....	7	...	—	110	42	23	5	78	9	49	—
\$500 or more.....	5	...	5	31	—	14	5	34	—	6	—
No cash rent.....	22	...	22	4	56	—	—	—	—	—	—
Median.....	\$261	...	\$259	\$243	\$188	\$167	\$223	\$424	\$309	\$377	\$287
HOUSEHOLD INCOME IN 1979											
Occupied housing units	843	21	822	1 266	2 748	367	346	434	479	703	393
Median income.....	\$19 854	\$75000+	\$19 513	\$17 000	\$15 226	\$11 103	\$13 088	\$33 750	\$31 741	\$38 690	\$26 047
Owner-occupied housing units	504	14	490	452	1 011	97	170	247	403	565	259
Median income.....	\$31 111	...	\$30 139	\$31 864	\$19 797	\$34 891	\$21 324	\$42 232	\$34 657	\$43 716	\$30 417
Renter-occupied housing units	339	7	332	814	1 737	270	176	187	76	138	134
Median income.....	\$12 472	...	\$12 278	\$10 091	\$13 057	\$7 277	\$10 128	\$23 355	\$20 357	\$26 974	\$20 515
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	25	...	25	—	138	—	22	6	—	5	—
Percent below poverty level.....	5.0	...	5.1	—	13.6	—	12.9	2.4	—	0.9	—
Complete plumbing for exclusive use.....	25	...	25	—	138	—	22	6	—	5	—
1.01 or more persons per room.....	—	...	—	—	13	—	—	—	—	—	—
Lacking complete plumbing for exclusive use.....	—	...	—	—	—	—	—	—	—	—	—
1.01 or more persons per room.....	—	...	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	62	...	62	258	477	98	66	22	9	6	9
Percent below poverty level.....	18.3	...	18.7	31.7	27.5	36.3	37.5	11.8	11.8	4.3	6.7
Complete plumbing for exclusive use.....	62	...	62	247	457	94	66	16	9	6	9
1.01 or more persons per room.....	21	...	21	67	83	40	45	4	—	—	—
Lacking complete plumbing for exclusive use.....	—	...	—	11	20	4	—	—	—	—	—
1.01 or more persons per room.....	—	...	—	—	8	—	—	—	—	—	—

Table 84a. **Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 85. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 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]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's										
	Detroit—Ann Arbor, Mich.	Ann Arbor, Mich.	Battle Creek, Mich.	Boy City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo— Portage, Mich.	Lansing—East Lansing, Mich.
Occupied housing units	20 429	1 109	778	782	540	19 320	2 073	3 339	392	1 023	3 182
HOUSE HEATING FUEL											
Utility gas	18 138	834	558	645	331	17 304	1 726	2 969	281	644	2 470
Bottled, tank, or LP gas	433	40	35	32	20	393	49	53	34	74	63
Electricity	1 026	154	39	56	107	872	172	173	31	100	255
Fuel oil, kerosene, etc	657	81	138	30	66	576	116	92	44	178	293
Cool or coke	44	—	—	—	2	44	—	—	—	12	75
Wood	29	—	2	—	14	29	6	—	2	11	21
Other fuel	59	—	6	12	—	59	4	22	—	—	5
No fuel used	43	—	—	4	—	43	—	19	—	4	—
WATER HEATING FUEL											
Utility gas	17 703	840	522	632	188	16 863	1 632	2 748	256	619	2 261
Bottled, tank, or LP gas	582	35	42	38	6	547	51	82	26	43	76
Electricity	1 999	221	201	96	343	1 778	357	482	110	304	771
Fuel oil, kerosene, etc	53	13	13	2	—	40	29	10	—	24	2
Other	24	—	—	12	—	24	4	—	—	8	63
No fuel used	68	—	—	2	3	68	—	17	—	25	9
COOKING FUEL											
Utility gas	13 968	561	429	568	137	13 407	1 112	2 475	202	530	1 587
Bottled, tank, or LP gas	369	31	69	25	42	338	65	79	42	126	89
Electricity	6 035	517	278	189	355	5 518	884	781	148	365	1 497
Other	12	—	2	—	—	12	4	4	—	—	9
No fuel used	45	—	—	—	6	45	8	—	—	2	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	9 850	295	396	353	165	9 555	1 031	1 601	169	396	1 298
With a mortgage	7 351	280	278	284	124	7 071	670	1 328	133	296	1 062
Less than \$100	27	—	—	6	—	27	—	—	—	—	—
\$100 to \$149	50	—	8	—	—	50	11	19	—	9	17
\$150 to \$199	262	5	22	—	—	257	45	63	17	—	54
\$200 to \$249	690	7	79	60	13	683	138	211	26	18	134
\$250 to \$299	1 177	29	70	43	34	1 148	111	293	13	59	225
\$300 to \$349	1 504	23	20	86	25	1 481	129	284	17	67	214
\$350 to \$399	1 095	30	28	57	2	1 065	67	197	25	38	81
\$400 to \$449	657	22	13	5	7	635	58	116	11	11	114
\$450 to \$499	457	17	6	10	19	440	26	63	—	41	70
\$500 to \$599	585	51	13	9	18	534	59	56	13	34	72
\$600 to \$749	468	31	4	—	6	437	26	18	—	—	46
\$750 or more	379	65	15	8	—	314	—	8	11	19	35
Median	\$349	\$509	\$271	\$319	\$330	\$346	\$312	\$314	\$331	\$346	\$324
Not mortgaged	2 499	15	118	69	41	2 484	361	273	36	100	236
Less than \$50	7	—	—	—	—	7	—	—	—	—	—
\$50 to \$74	19	—	—	—	2	19	—	15	—	—	6
\$75 to \$99	101	—	10	3	2	101	43	12	7	21	16
\$100 to \$149	773	—	61	26	19	773	133	110	21	27	110
\$150 to \$199	874	—	42	20	11	874	104	115	2	25	76
\$200 to \$249	426	10	—	15	—	416	36	21	6	23	18
\$250 or more	299	5	5	5	7	294	45	—	—	4	10
Median	\$165	\$238	\$142	\$160	\$140	\$165	\$151	\$150	\$125	\$153	\$145
GROSS RENT											
Specified renter-occupied housing units	8 270	734	278	347	282	7 536	781	1 432	138	489	1 554
Less than \$50	25	—	—	—	—	25	—	—	—	2	1
\$50 to \$59	20	—	—	—	—	20	9	6	—	—	4
\$60 to \$79	100	—	2	9	—	100	4	—	—	10	—
\$80 to \$99	151	—	—	19	—	151	23	14	6	4	38
\$100 to \$119	199	11	12	—	10	188	16	76	—	—	21
\$120 to \$149	606	26	22	14	10	580	16	62	8	28	74
\$150 to \$169	520	37	35	5	18	483	32	89	17	43	173
\$170 to \$199	813	67	42	58	70	746	79	262	—	52	155
\$200 to \$249	1 760	86	58	76	43	1 674	215	403	31	113	339
\$250 to \$299	1 689	197	58	77	62	1 492	162	226	21	97	270
\$300 to \$349	1 156	139	18	59	36	1 017	139	106	29	48	237
\$350 to \$399	525	39	9	16	5	486	47	63	9	39	112
\$400 to \$499	418	71	2	5	4	347	33	26	9	30	82
\$500 or more	143	50	—	—	—	93	—	2	6	11	4
No cash rent	145	11	20	9	24	134	6	97	2	12	44
Median	\$246	\$282	\$212	\$236	\$224	\$242	\$248	\$220	\$263	\$241	\$242
HOUSEHOLD INCOME IN 1979											
Occupied housing units	20 429	1 109	778	782	540	19 320	2 073	3 339	392	1 023	3 182
Median income	\$18 639	\$17 425	\$17 337	\$16 993	\$11 118	\$18 692	\$18 197	\$15 655	\$14 810	\$12 152	\$16 629
Owner-occupied housing units	11 863	342	479	420	220	11 521	1 285	1 863	232	481	1 592
Median income	\$23 999	\$31 923	\$21 950	\$21 161	\$20 714	\$23 708	\$22 487	\$19 606	\$17 578	\$20 361	\$21 567
Renter-occupied housing units	8 566	767	299	362	320	7 799	788	1 476	160	542	1 590
Median income	\$11 222	\$12 482	\$10 707	\$10 000	\$7 426	\$11 107	\$9 500	\$9 904	\$12 115	\$8 864	\$10 833
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	886	5	52	28	32	881	132	204	15	41	139
Percent below poverty level	7.5	1.5	10.9	6.7	14.5	7.6	10.3	11.0	6.5	8.5	8.7
Complete plumbing for exclusive use	866	5	52	28	32	861	132	198	15	39	133
1.01 or more persons per room	63	—	5	5	12	63	29	41	5	12	26
Lacking complete plumbing for exclusive use	20	—	—	—	—	20	—	6	—	2	6
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	2	—
Renter-occupied housing units	2 640	176	82	132	129	2 464	305	455	27	201	524
Percent below poverty level	30.8	22.9	27.4	36.5	40.3	31.6	38.7	30.8	16.9	37.1	33.0
Complete plumbing for exclusive use	2 471	168	82	129	126	2 303	295	424	27	181	500
1.01 or more persons per room	231	36	19	17	11	195	3	93	2	22	83
Lacking complete plumbing for exclusive use	169	8	—	3	3	161	10	31	—	20	24
1.01 or more persons per room	29	8	—	3	—	21	10	22	—	11	20

Table 85. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's—Con.					Urbanized areas					
	Muskegon— Norton Shores— Muskegon Heights, Mich.	Saginaw, Mich.	Toledo, Ohio—Mich.			Ann Arbor, Mich.	Battle Creek, Mich.	Bay City, Mich.	Benton Harbor, Mich.	Detroit, Mich.	Flint, Mich.
			Total	Michigan (pt.)	Ohio (pt.)						
Occupied housing units	940	3 165	5 001	367	4 634	1 005	318	656	127	17 918	1 700
HOUSE HEATING FUEL											
Utility gas	682	2 660	3 744	194	3 550	795	254	584	102	16 425	1 484
Bottled, tank, or LP gas	68	49	280	46	234	18	—	7	—	265	17
Electricity	59	175	596	50	546	153	13	32	8	745	154
Fuel oil, kerosene, etc	89	269	348	77	271	39	45	17	17	354	45
Coal or coke	—	—	—	—	—	—	—	—	—	—	—
Wood	39	7	19	—	19	—	—	—	—	38	—
Other fuel	—	5	13	—	13	—	6	12	—	57	—
No fuel used	3	—	1	—	1	—	—	4	—	34	—
WATER HEATING FUEL											
Utility gas	653	2 545	3 558	171	3 387	802	272	584	55	16 101	1 440
Bottled, tank, or LP gas	67	74	234	45	189	13	—	13	—	422	26
Electricity	207	524	1 159	146	1 013	177	41	47	72	1 293	226
Fuel oil, kerosene, etc	9	20	11	—	11	13	5	—	—	37	8
Other	—	—	4	—	4	—	—	12	—	14	—
No fuel used	4	2	35	5	30	—	—	—	—	51	—
COOKING FUEL											
Utility gas	563	2 335	3 129	118	3 011	530	205	500	52	12 839	965
Bottled, tank, or LP gas	116	91	410	65	345	13	5	7	4	184	26
Electricity	258	739	1 426	184	1 242	462	108	149	65	4 850	697
Other	3	—	8	—	8	—	—	—	—	—	4
No fuel used	—	—	28	—	28	—	—	—	6	45	8
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	436	1 819	2 231	197	2 034	203	182	314	53	8 939	831
With a mortgage	269	1 297	1 646	138	1 508	198	113	249	46	6 588	546
Less than \$100	—	8	17	—	17	—	—	6	—	27	—
\$100 to \$149	2	15	22	2	20	—	8	—	—	52	11
\$150 to \$199	19	74	80	7	73	—	7	—	—	238	36
\$200 to \$249	96	192	230	7	223	—	32	50	7	629	134
\$250 to \$299	58	255	369	25	344	29	39	40	26	1 106	90
\$300 to \$349	49	298	293	25	268	19	14	84	—	1 408	119
\$350 to \$399	23	182	193	17	176	14	14	43	—	987	38
\$400 to \$449	10	116	120	4	116	15	—	5	—	588	39
\$450 to \$499	9	50	119	10	109	7	—	6	—	406	16
\$500 to \$599	—	34	123	29	94	34	13	7	13	474	37
\$600 to \$749	3	66	62	6	56	13	—	—	—	395	26
\$750 or more	—	7	18	—	12	60	—	8	—	278	—
Median	\$265	\$318	\$318	\$359	\$314	\$520	\$262	\$317	\$281	\$344	\$301
Not mortgaged	167	522	585	59	526	5	69	65	7	2 351	285
Less than \$50	—	3	4	—	4	—	—	—	—	7	—
\$50 to \$74	—	17	23	—	23	—	—	—	—	17	—
\$75 to \$99	31	37	75	8	67	—	6	—	—	94	43
\$100 to \$149	74	242	266	17	249	—	29	26	—	736	106
\$150 to \$199	44	167	129	27	102	—	29	19	—	828	98
\$200 to \$249	13	56	57	5	52	—	—	15	—	389	9
\$250 or more	5	—	31	2	29	5	5	5	7	280	29
Median	\$137	\$138	\$136	\$155	\$134	\$400+	\$149	\$163	\$275	\$165	\$148
GROSS RENT											
Specified renter-occupied housing units	339	1 010	2 211	119	2 092	721	99	289	60	7 060	673
Less than \$50	—	13	62	—	62	—	—	—	—	25	—
\$50 to \$59	12	10	8	5	3	—	—	—	—	13	9
\$60 to \$79	7	—	37	9	28	—	—	9	—	100	4
\$80 to \$99	—	22	43	7	36	—	—	7	—	150	19
\$100 to \$119	10	23	62	—	62	11	—	—	—	188	16
\$120 to \$149	15	36	126	—	126	26	—	14	10	553	10
\$150 to \$169	34	49	122	13	109	37	19	5	—	460	30
\$170 to \$199	47	108	314	17	297	66	21	45	13	716	70
\$200 to \$249	84	243	573	33	540	80	26	66	11	1 585	183
\$250 to \$299	41	222	409	15	394	196	24	71	12	1 363	138
\$300 to \$349	32	143	252	2	250	137	7	52	9	947	119
\$350 to \$399	13	61	60	3	57	52	—	8	5	416	43
\$400 to \$499	26	46	68	—	68	60	2	5	—	337	26
\$500 or more	—	6	19	12	7	43	—	—	—	84	—
No cash rent	18	28	56	3	53	13	—	7	—	123	6
Median	\$218	\$247	\$229	\$212	\$230	\$282	\$211	\$244	\$230	\$239	\$248
HOUSEHOLD INCOME IN 1979											
Occupied housing units	940	3 165	5 001	367	4 634	1 005	318	656	127	17 918	1 700
Median income	\$14 126	\$17 018	\$15 204	\$17 768	\$14 963	\$15 142	\$19 732	\$16 855	\$13 359	\$18 763	\$18 866
Owner-occupied housing units	578	2 102	2 707	241	2 466	254	215	356	57	10 644	1 023
Median income	\$16 885	\$20 598	\$20 470	\$21 397	\$20 277	\$32 653	\$22 695	\$20 943	\$21 094	\$23 819	\$22 797
Renter-occupied housing units	362	1 063	2 294	126	2 168	751	103	300	70	7 274	677
Median income	\$9 508	\$8 417	\$9 366	\$7 604	\$9 503	\$12 246	\$13 750	\$9 688	\$6 071	\$11 035	\$9 775
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	107	290	212	9	203	—	30	23	7	829	104
Percent below poverty level	18.5	13.8	7.8	3.7	8.2	—	14.0	6.5	12.3	7.8	10.2
Complete plumbing for exclusive use	105	290	201	6	195	—	30	23	7	809	104
1.01 or more persons per room	20	50	26	6	20	—	—	5	—	57	29
Lacking complete plumbing for exclusive use	2	—	11	3	8	—	—	—	—	20	—
1.01 or more persons per room	—	—	3	—	—	—	—	—	—	—	—
Renter-occupied housing units	126	476	745	47	698	176	27	114	50	2 324	264
Percent below poverty level	34.8	44.8	32.5	37.3	32.2	23.4	26.2	38.0	71.4	31.9	39.0
Complete plumbing for exclusive use	121	463	720	47	673	168	27	114	50	2 170	254
1.01 or more persons per room	32	88	99	—	99	36	—	17	11	176	3
Lacking complete plumbing for exclusive use	5	13	25	—	25	8	—	—	—	154	10
1.01 or more persons per room	3	—	8	—	8	—	—	—	—	21	—

Table 85. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.**

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

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	Urbanized areas—Con.							South Bend, Ind.—Mich.		
	Grand Rapids, Mich.	Jackson, Mich.	Kalamazoo, Mich.	Lansing, Mich.	Muskegon— Muskegon Heights, Mich.	Port Huron, Mich.	Saginaw, Mich.	Total	Indiana (pt.)	Michigan (pt.)
	Occupied housing units	2 116	249	642	2 473	608	273	2 725	853	766	87
HOUSE HEATING FUEL										
Utility gas	1 977	214	438	2 083	541	228	2 433	668	585	83
Bottled, tank, or LP gas	13	—	14	22	8	16	15	9	9	—
Electricity	105	17	65	219	41	18	154	120	116	4
Fuel oil, kerosene, etc	6	18	113	63	7	11	118	56	56	—
Cool or coke	—	—	12	75	—	—	—	—	—	—
Wood	5	—	—	6	11	—	—	—	—	—
Other fuel	6	—	—	5	—	—	5	—	—	—
No fuel used	4	—	—	—	—	—	—	—	—	—
WATER HEATING FUEL										
Utility gas	1 910	216	440	1 893	553	198	2 389	614	563	51
Bottled, tank, or LP gas	41	12	19	33	8	12	33	26	22	4
Electricity	142	21	164	480	47	58	294	213	181	32
Fuel oil, kerosene, etc	6	—	7	—	—	—	9	—	—	—
Other	—	—	8	61	—	5	—	—	—	—
No fuel used	17	—	4	6	—	—	—	—	—	—
COOKING FUEL										
Utility gas	1 863	177	372	1 323	482	146	2 171	565	500	65
Bottled, tank, or LP gas	7	12	29	19	—	11	13	15	15	—
Electricity	246	60	241	1 125	126	116	541	273	251	22
Other	—	—	—	6	—	—	—	—	—	—
No fuel used	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	1 026	128	228	917	300	97	1 521	322	292	30
With a mortgage	830	112	186	761	187	66	1 068	260	256	4
Less than \$100	—	—	—	—	—	—	8	10	10	—
\$100 to \$149	14	—	6	5	—	—	15	5	5	—
\$150 to \$199	54	12	—	38	11	19	72	13	13	—
\$200 to \$249	121	25	14	97	70	17	187	95	91	4
\$250 to \$299	180	11	34	186	41	4	208	68	68	—
\$300 to \$349	180	11	45	178	32	10	232	32	32	—
\$350 to \$399	99	23	32	61	16	12	152	8	8	—
\$400 to \$449	85	11	6	75	10	2	80	8	8	—
\$450 to \$499	44	—	20	23	7	2	28	7	7	—
\$500 to \$599	35	13	16	25	—	—	22	7	7	—
\$600 to \$749	18	—	—	38	—	—	57	7	7	—
\$750 or more	—	6	13	35	—	—	7	—	—	—
Median	\$313	\$336	\$343	\$315	\$265	\$241	\$309	\$255	\$257	\$225
Not mortgaged	196	16	42	156	113	31	453	62	36	26
Less than \$50	—	—	—	—	—	—	3	—	—	—
\$50 to \$74	15	—	—	6	—	—	15	—	—	—
\$75 to \$99	7	—	14	13	27	—	37	—	—	—
\$100 to \$149	85	16	6	77	44	18	205	44	25	19
\$150 to \$199	81	—	15	50	26	7	141	12	5	7
\$200 to \$249	8	—	7	4	11	6	52	—	—	—
\$250 or more	—	—	—	6	5	—	—	6	6	—
Median	\$145	\$130	\$152	\$141	\$133	\$145	\$135	\$138	\$141	\$125
GROSS RENT										
Specified renter-occupied housing units	935	92	372	1 402	255	163	961	408	369	39
Less than \$50	—	—	—	—	—	—	13	—	—	—
\$50 to \$59	6	—	8	4	12	—	10	—	—	—
\$60 to \$79	—	—	—	—	7	—	7	—	7	—
\$80 to \$99	14	6	4	32	—	—	12	10	10	—
\$100 to \$119	66	—	—	21	—	—	23	7	7	—
\$120 to \$149	46	5	24	64	15	13	36	57	57	—
\$150 to \$169	77	12	34	166	31	12	49	30	26	4
\$170 to \$199	216	—	34	133	42	15	107	51	41	10
\$200 to \$249	294	27	83	301	56	26	226	83	77	6
\$250 to \$299	99	21	79	241	22	52	215	86	78	8
\$300 to \$349	47	21	38	223	35	14	138	43	43	—
\$350 to \$399	53	—	29	110	12	18	61	12	12	—
\$400 to \$499	17	—	30	81	17	8	44	11	7	4
\$500 or more	—	—	9	4	—	—	5	—	—	—
No cash rent	—	—	—	22	—	—	21	11	11	—
Median	\$206	\$236	\$249	\$245	\$210	\$261	\$249	\$217	\$218	\$187
HOUSEHOLD INCOME IN 1979										
Occupied housing units	2 116	249	642	2 473	608	273	2 725	853	766	87
Owner-occupied housing units	1 173	153	266	1 066	353	110	1 715	493	388	39
Renter-occupied housing units	943	96	376	1 407	255	163	1 010	426	378	48
Median income	\$9 219	\$11 538	\$7 841	\$10 773	\$9 575	\$10 647	\$8 529	\$10 368	\$10 956	\$6 250
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	162	9	30	99	74	19	239	69	58	11
Percent below poverty level	13.8	5.9	11.3	9.3	21.0	17.3	13.9	16.2	14.9	28.2
Complete plumbing for exclusive use	156	9	30	99	74	19	239	69	58	11
1.01 or more persons per room	36	5	6	17	5	—	35	12	6	6
Lacking complete plumbing for exclusive use	6	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	318	18	150	463	80	58	461	139	114	25
Percent below poverty level	33.7	18.8	39.9	32.9	31.4	35.6	45.6	32.6	30.2	52.1
Complete plumbing for exclusive use	299	18	141	443	80	58	448	139	114	25
1.01 or more persons per room	25	—	12	75	15	5	79	12	12	—
Lacking complete plumbing for exclusive use	19	—	9	20	—	—	13	—	—	—
1.01 or more persons per room	10	—	4	20	—	—	—	—	—	—

Table 85. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.

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

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	Urbanized areas—Con.			Places								
	Toledo, Ohio—Mich.			Ann Arbor city	Battle Creek city	Bay City city	Benton Harbor city	Dearborn city	Dearborn Heights city	Detroit city	East Lansing city	Farmington Hills city
	Total	Michigan (pt.)	Ohio (pt.)									
Occupied housing units	3 408	49	3 359	615	140	499	36	420	361	8 414	230	81
HOUSE HEATING FUEL												
Utility gas	2 844	32	2 812	522	116	460	30	404	361	7 805	142	60
Bottled, tank, or LP gas	56	—	56	6	—	7	—	11	—	152	—	—
Electricity	370	5	365	61	5	11	—	5	—	300	19	16
Fuel oil, kerosene, etc	125	12	113	26	19	5	6	—	—	84	—	5
Coal or coke	—	—	—	—	—	—	—	—	—	22	69	—
Wood	—	—	—	—	—	—	—	—	—	—	—	—
Other fuel	13	—	13	—	—	12	—	—	—	23	—	—
No fuel used	—	—	—	—	—	4	—	—	—	28	—	—
WATER HEATING FUEL												
Utility gas	2 844	32	2 812	510	122	468	21	408	343	7 764	134	68
Bottled, tank, or LP gas	69	—	69	6	—	13	—	7	—	248	—	5
Electricity	486	17	469	86	13	6	15	5	13	349	35	8
Fuel oil, kerosene, etc	5	—	5	13	5	—	—	—	—	10	—	—
Other	4	—	4	—	—	12	—	—	—	14	61	—
No fuel used	—	—	—	—	—	—	—	—	—	29	—	—
COOKING FUEL												
Utility gas	2 476	13	2 463	332	110	423	20	294	258	7 206	94	39
Bottled, tank, or LP gas	68	5	63	6	5	7	4	—	—	126	—	—
Electricity	849	31	818	277	25	69	6	126	103	1 066	130	42
Other	—	—	—	—	—	—	—	—	—	—	6	—
No fuel used	15	—	15	—	—	—	6	—	—	16	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	1 509	36	1 473	118	73	248	...	226	314	3 321	26	36
With a mortgage	1 092	36	1 056	113	25	195	...	102	257	2 082	20	30
Less than \$100	7	—	7	—	—	6	...	—	—	14	—	—
\$100 to \$149	14	—	14	—	—	7	...	—	—	22	—	—
\$150 to \$199	48	—	48	—	—	—	...	—	—	150	—	—
\$200 to \$249	155	—	155	7	18	39	...	6	24	390	—	—
\$250 to \$299	289	7	282	6	7	22	...	25	56	438	—	—
\$300 to \$349	189	—	189	6	—	66	...	26	64	524	—	—
\$350 to \$399	133	7	126	5	—	43	...	21	17	300	—	—
\$400 to \$449	63	—	63	15	—	5	...	6	18	125	—	—
\$450 to \$499	74	5	69	—	—	6	...	—	20	59	—	—
\$500 to \$599	74	17	57	12	—	—	...	6	28	43	6	11
\$600 to \$749	34	—	34	13	—	—	...	6	30	17	7	19
\$750 or more	12	—	12	49	—	8	...	6	—	—	7	—
Median	\$309	\$490	\$306	\$634	\$235	\$323	...	\$338	\$338	\$303	\$679	\$617
Not mortgaged	417	—	417	5	48	53	...	124	57	1 239	6	6
Less than \$50	3	—	3	—	—	—	...	—	—	7	—	—
\$50 to \$74	12	—	12	—	—	—	...	—	—	—	—	—
\$75 to \$99	61	—	61	—	—	—	...	—	—	78	—	—
\$100 to \$149	205	—	205	—	29	26	...	34	22	442	—	—
\$150 to \$199	73	—	73	—	14	7	...	58	25	440	—	—
\$200 to \$249	41	—	41	—	—	15	...	26	—	182	—	—
\$250 or more	22	—	22	5	5	5	...	6	10	90	6	6
Median	\$132	—	\$132	\$400+	\$142	\$152	...	\$166	\$165	\$158	\$350	\$350
GROSS RENT												
Specified renter-occupied housing units	1 633	13	1 620	457	54	214	20	145	25	4 147	184	31
Less than \$50	51	—	51	—	—	—	—	4	—	21	—	—
\$50 to \$59	—	—	—	—	—	—	—	—	—	7	—	—
\$60 to \$79	22	—	22	—	—	—	—	—	—	66	—	—
\$80 to \$99	25	—	25	—	—	7	—	—	—	68	—	—
\$100 to \$119	60	—	60	—	—	—	—	6	—	155	—	—
\$120 to \$149	112	—	112	26	—	—	10	7	—	468	—	—
\$150 to \$169	67	—	67	19	13	5	—	9	—	357	97	—
\$170 to \$199	238	—	238	43	5	45	—	7	—	543	27	—
\$200 to \$249	446	5	441	40	13	47	5	26	4	1 113	8	—
\$250 to \$299	300	—	300	113	16	50	5	53	—	706	6	—
\$300 to \$349	187	—	187	91	7	50	—	6	—	422	29	13
\$350 to \$399	47	3	44	26	—	8	—	18	10	83	—	—
\$400 to \$499	42	—	42	53	—	5	—	9	7	68	7	8
\$500 or more	10	5	5	37	—	—	—	—	4	4	4	10
No cash rent	26	—	26	9	—	7	—	—	—	66	6	—
Median	\$229	\$375	\$229	\$290	\$217	\$249	\$177	\$263	\$392	\$215	\$169	\$431
HOUSEHOLD INCOME IN 1979												
Occupied housing units	3 408	49	3 359	615	140	499	36	420	361	8 414	230	81
Median income	\$15 020	\$22 171	\$14 789	\$13 179	\$17 083	\$17 802	\$2500—	\$22 667	\$30 227	\$14 012	\$8 750	\$30 962
Owner-occupied housing units	1 747	36	1 711	142	86	274	6	269	336	4 157	46	44
Median income	\$21 031	\$22 368	\$20 863	\$34 750	\$18 036	\$21 929	...	\$29 018	\$31 364	\$19 445	\$32 143	\$36 667
Renter-occupied housing units	1 661	13	1 648	473	54	225	30	151	25	4 257	184	37
Median income	\$9 461	\$19 250	\$9 389	\$9 919	\$13 214	\$11 576	...	\$15 774	\$21 607	\$8 722	\$7 297	\$17 292
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	134	—	134	—	22	18	...	11	—	474	7	—
Percent below poverty level	7.7	—	7.8	—	25.6	6.6	...	4.1	—	11.4	15.2	—
Complete plumbing for exclusive use	134	—	134	—	22	18	...	11	—	460	7	—
1.01 or more persons per room	11	—	11	—	—	5	...	4	—	19	—	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	...	—	—	14	—	—
1.01 or more persons per room	—	—	—	—	—	—	...	—	—	—	—	—
Renter-occupied housing units	561	—	561	124	14	83	...	26	4	1 670	66	—
Percent below poverty level	33.8	—	34.0	26.2	25.9	36.9	...	17.2	16.0	39.2	35.9	—
Complete plumbing for exclusive use	554	—	554	116	14	83	...	26	4	1 535	60	—
1.01 or more persons per room	52	—	52	26	—	17	...	—	4	132	21	—
Lacking complete plumbing for exclusive use	7	—	7	8	—	—	...	—	—	135	6	—
1.01 or more persons per room	5	—	5	8	—	—	...	—	—	21	6	—

Table 85. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.

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

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	Places—Con.											
	Flint city	Grand Rapids city	Jackson city	Kalamazoo city	Lansing city	Livonia city	Muskegon city	Muskegon Heights city	Norton Shores city	Pontiac city	Portage city	Roseville city
Occupied housing units	1 074	1 515	193	389	1 850	272	298	109	112	1 274	124	135
HOUSE HEATING FUEL												
Utility gas	963	1 427	176	256	1 638	261	261	102	107	1 117	87	118
Bottled, tank, or LP gas	17	13	—	6	14	—	8	—	—	13	6	8
Electricity	74	59	12	50	134	5	29	—	—	70	15	4
Fuel oil, kerosene, etc.	20	6	5	65	53	6	—	7	—	55	16	5
Coal or coke	—	—	—	12	6	—	—	—	—	6	—	—
Wood	—	—	—	—	—	—	—	—	5	—	—	—
Other fuel	—	6	—	—	5	—	—	—	—	13	—	—
No fuel used	—	4	—	—	—	—	—	—	—	—	—	—
WATER HEATING FUEL												
Utility gas	953	1 341	170	284	1 489	246	273	94	97	1 129	69	118
Bottled, tank, or LP gas	16	41	12	11	27	6	—	8	—	58	6	8
Electricity	97	110	11	75	328	20	25	7	15	73	49	9
Fuel oil, kerosene, etc.	8	6	—	7	—	—	—	—	—	9	—	—
Other	—	—	—	8	—	—	—	—	—	—	—	—
No fuel used	—	17	—	4	6	—	—	—	—	5	—	—
COOKING FUEL												
Utility gas	707	1 373	142	277	1 089	145	241	109	77	932	43	79
Bottled, tank, or LP gas	17	7	12	6	13	—	—	—	—	15	15	—
Electricity	342	135	39	106	748	127	57	—	35	327	66	56
Other	—	—	—	—	—	—	—	—	—	—	—	—
No fuel used	8	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	519	654	92	98	747	218	141	53	51	624	69	81
With a mortgage	339	513	76	84	621	185	84	26	34	489	54	62
Less than \$100	—	—	—	—	—	—	—	—	—	8	—	—
\$100 to \$149	16	7	—	6	5	—	—	—	—	15	—	—
\$150 to \$199	—	40	5	—	32	—	5	—	—	22	—	—
\$200 to \$249	110	95	25	7	97	6	36	7	13	20	7	5
\$250 to \$299	55	131	—	21	167	21	22	—	9	145	—	13
\$300 to \$349	107	80	6	24	145	36	12	14	—	136	6	6
\$350 to \$399	12	74	16	19	61	12	9	—	7	68	6	19
\$400 to \$449	10	51	11	—	70	34	—	5	5	44	6	13
\$450 to \$499	7	19	—	—	16	16	—	—	—	26	7	6
\$500 to \$599	15	16	13	—	5	11	—	—	—	5	16	—
\$600 to \$749	7	—	—	—	17	31	—	—	—	—	—	—
\$750 or more	—	—	—	7	6	18	—	—	—	—	6	—
Median	\$290	\$294	\$356	\$317	\$303	\$426	\$252	\$321	\$272	\$313	\$464	\$368
Not mortgaged	180	141	16	14	126	33	57	27	17	135	15	19
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	—	8	—	—	6	—	—	—	—	17	—	—
\$75 to \$99	30	7	—	14	6	—	13	14	—	5	—	—
\$100 to \$149	75	65	16	—	69	5	32	—	—	46	6	6
\$150 to \$199	62	53	—	—	41	—	7	7	12	44	9	13
\$200 to \$249	—	8	—	—	4	28	5	6	—	17	—	—
\$250 or more	13	—	—	—	—	—	—	—	5	6	—	—
Median	\$140	\$142	\$130	\$88	\$140	\$221	\$117	\$99	\$188	\$150	\$154	\$182
GROSS RENT												
Specified renter-occupied housing units	446	743	83	266	1 008	45	131	51	50	510	49	32
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$59	9	—	—	—	4	—	—	7	—	6	—	—
\$60 to \$79	4	—	—	8	—	—	7	—	—	14	—	—
\$80 to \$99	19	14	6	4	32	—	—	—	—	16	—	—
\$100 to \$119	16	59	—	—	21	—	6	—	—	13	—	—
\$120 to \$149	10	30	5	24	64	—	9	6	—	28	—	4
\$150 to \$169	30	77	12	34	69	—	31	—	—	21	—	—
\$170 to \$199	60	194	—	34	100	—	20	15	7	51	—	—
\$200 to \$249	141	202	27	37	275	5	31	9	10	100	27	12
\$250 to \$299	52	91	21	49	168	6	5	9	8	106	7	8
\$300 to \$349	49	35	12	26	141	—	22	5	8	82	—	3
\$350 to \$399	30	36	—	29	87	24	—	—	12	38	—	—
\$400 to \$499	26	5	—	21	42	10	—	—	5	27	6	—
\$500 or more	—	—	—	—	—	—	—	—	—	—	9	—
No cash rent	—	—	—	—	5	—	—	—	—	8	—	5
Median	\$224	\$199	\$223	\$224	\$238	\$374	\$194	\$196	\$287	\$253	\$247	\$242
HOUSEHOLD INCOME IN 1979												
Occupied housing units	1 074	1 515	193	389	1 850	272	298	109	112	1 274	124	135
Median income	\$17 672	\$14 212	\$13 973	\$9 511	\$15 126	\$29 167	\$13 032	\$9 219	\$18 269	\$18 649	\$21 944	\$17 050
Owner-occupied housing units	624	764	110	119	837	227	167	58	62	744	75	103
Median income	\$22 149	\$18 722	\$16 167	\$19 464	\$20 863	\$32 596	\$15 903	\$8 571	\$27 917	\$24 672	\$27 188	\$20 114
Renter-occupied housing units	450	751	83	270	1 013	45	131	51	50	530	49	32
Median income	\$7 571	\$8 338	\$10 288	\$6 818	\$10 830	\$25 208	\$8 125	\$9 485	\$15 625	\$9 286	\$10 536	\$15 938
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	48	138	9	25	71	—	25	33	5	55	—	19
Percent below poverty level	7.7	18.1	8.2	21.0	8.5	—	15.0	56.9	8.1	7.4	—	18.4
Complete plumbing for exclusive use	48	132	9	25	71	—	25	33	5	55	—	19
1.01 or more persons per room	8	36	5	6	17	—	—	—	—	6	—	—
Lacking complete plumbing for exclusive use	—	6	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	216	293	18	133	339	6	53	12	10	225	—	8
Percent below poverty level	48.0	39.0	21.7	49.3	33.5	13.3	40.5	23.5	20.0	42.5	—	25.0
Complete plumbing for exclusive use	206	274	18	124	331	6	53	12	10	219	—	8
1.01 or more persons per room	3	25	—	12	54	—	5	—	10	21	—	—
Lacking complete plumbing for exclusive use	10	19	—	9	8	—	—	—	—	6	—	—
1.01 or more persons per room	10	10	—	4	8	—	—	—	—	—	—	—

Table 85. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980—Con.

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

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	Places—Con.										
	Royal Oak city	Saginow city	St. Clair Shores city	Southfield city	Sterling Heights city	Taylor city	Troy city	Warren city	Waterford (CDP)	Westland city	Wyoming city
Occupied housing units.....	167	1 904	165	195	194	488	185	416	315	363	332
HOUSE HEATING FUEL											
Utility gas.....	158	1 721	154	149	172	442	180	410	266	322	300
Bottled, tank, or LP gas.....	—	15	—	7	12	16	—	—	12	—	—
Electricity.....	3	107	5	22	—	30	5	—	27	18	32
Fuel oil, kerosene, etc.....	6	56	6	17	—	—	—	—	10	12	—
Coal or coke.....	—	—	—	—	10	—	—	—	—	—	—
Wood.....	—	—	—	—	—	—	—	—	—	—	—
Other fuel.....	—	5	—	—	—	—	—	—	6	—	11
No fuel used.....	—	—	—	—	—	—	—	—	—	—	—
WATER HEATING FUEL											
Utility gas.....	161	1 713	160	144	161	411	162	366	252	300	312
Bottled, tank, or LP gas.....	—	29	—	7	12	37	—	—	—	—	—
Electricity.....	—	153	5	38	21	29	23	50	63	63	20
Fuel oil, kerosene, etc.....	6	9	—	6	—	—	—	—	—	—	—
Other.....	—	—	—	—	—	—	—	—	—	—	—
No fuel used.....	—	—	—	—	—	11	—	—	—	—	—
COOKING FUEL											
Utility gas.....	71	1 641	97	44	98	342	40	267	123	187	285
Bottled, tank, or LP gas.....	—	13	—	11	—	5	—	—	4	6	—
Electricity.....	96	250	68	140	96	141	145	149	188	170	47
Other.....	—	—	—	—	—	—	—	—	—	—	—
No fuel used.....	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units.....	94	949	141	89	122	282	79	264	172	182	201
With a mortgage.....	53	622	117	76	112	221	74	198	129	169	169
Less than \$100.....	—	8	—	—	—	—	—	—	—	—	—
\$100 to \$149.....	—	15	—	—	—	—	—	6	—	—	7
\$150 to \$199.....	3	65	—	—	—	6	—	—	—	—	—
\$200 to \$249.....	—	154	6	—	—	7	—	19	6	—	20
\$250 to \$299.....	8	143	6	—	12	63	—	12	12	20	28
\$300 to \$349.....	12	139	53	5	7	63	—	44	20	39	69
\$350 to \$399.....	17	65	19	10	27	28	9	25	32	58	18
\$400 to \$449.....	—	33	27	4	16	26	11	18	5	9	8
\$450 to \$499.....	8	—	6	7	14	13	—	31	13	18	14
\$500 to \$599.....	5	—	—	13	12	9	13	19	19	—	—
\$600 to \$749.....	—	—	—	13	24	—	23	24	22	18	5
\$750 or more.....	—	—	—	24	—	6	18	—	—	7	—
Median.....	\$360	\$274	\$344	\$592	\$431	\$327	\$612	\$386	\$391	\$372	\$321
Not mortgaged.....	41	327	24	13	10	61	5	66	43	13	32
Less than \$50.....	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74.....	—	15	—	—	—	—	—	—	—	—	—
\$75 to \$99.....	—	20	—	—	—	—	—	—	—	—	—
\$100 to \$149.....	13	141	12	—	—	7	—	12	22	13	14
\$150 to \$199.....	12	105	—	—	—	28	5	30	21	—	18
\$200 to \$249.....	8	46	—	—	10	19	—	11	—	—	—
\$250 or more.....	8	—	12	13	—	7	—	13	—	—	—
Median.....	\$191	\$140	\$200	\$275	\$225	\$191	\$188	\$181	\$149	\$130	\$153
GROSS RENT											
Specified renter-occupied housing units.....	51	789	18	87	48	157	75	91	120	157	107
Less than \$50.....	—	13	—	—	—	—	—	—	—	—	—
\$50 to \$59.....	—	10	—	—	—	—	—	—	—	—	6
\$60 to \$79.....	—	—	—	—	—	12	—	—	—	—	—
\$80 to \$99.....	—	12	—	—	—	12	6	—	—	—	—
\$100 to \$119.....	—	19	—	—	—	—	—	—	—	—	—
\$120 to \$149.....	—	32	—	—	6	—	—	—	—	8	3
\$150 to \$169.....	—	43	—	7	—	4	—	—	4	8	—
\$170 to \$199.....	—	86	—	—	—	—	—	—	—	11	15
\$200 to \$249.....	7	192	—	6	—	29	—	18	7	13	52
\$250 to \$299.....	16	183	—	—	12	43	—	20	40	34	8
\$300 to \$349.....	16	103	13	30	18	19	17	26	11	50	—
\$350 to \$399.....	6	49	—	15	—	20	31	6	18	28	11
\$400 to \$499.....	6	26	5	8	6	18	18	21	30	5	12
\$500 or more.....	—	—	—	21	—	—	—	—	10	—	—
No cash rent.....	—	21	—	—	—	—	3	—	—	—	—
Median.....	\$308	\$242	\$335	\$352	\$300	\$265	\$371	\$314	\$341	\$304	\$218
HOUSEHOLD INCOME IN 1979											
Occupied housing units.....	167	1 904	165	195	194	488	185	416	315	363	332
Median income.....	\$26 696	\$14 941	\$21 550	\$19 554	\$23 571	\$20 663	\$27 448	\$21 719	\$26 076	\$19 312	\$18 922
Owner-occupied housing units.....	116	1 073	147	101	140	315	110	325	195	206	225
Median income.....	\$32 353	\$20 653	\$21 950	\$28 036	\$32 727	\$23 869	\$40 909	\$24 450	\$29 464	\$24 063	\$20 750
Renter-occupied housing units.....	51	831	18	94	54	173	75	91	120	157	107
Median income.....	\$16 917	\$7 715	\$13 333	\$15 417	\$9 545	\$13 750	\$24 219	\$11 339	\$19 091	\$12 179	\$15 893
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units.....	—	145	17	6	13	25	—	27	11	6	6
Percent below poverty level.....	—	13.5	11.6	5.9	9.3	7.9	—	8.3	5.6	2.9	2.7
Complete plumbing for exclusive use.....	—	145	11	6	13	25	—	27	11	6	6
1.01 or more persons per room.....	—	16	—	—	—	9	—	6	—	—	—
Lacking complete plumbing for exclusive use.....	—	—	6	—	—	—	—	—	—	—	—
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units.....	—	416	7	19	12	42	12	38	12	11	6
Percent below poverty level.....	—	50.1	38.9	20.2	22.2	24.3	16.0	41.8	10.0	7.0	5.6
Complete plumbing for exclusive use.....	—	410	7	19	12	36	12	38	12	11	6
1.01 or more persons per room.....	—	65	—	—	—	—	—	11	—	—	—
Lacking complete plumbing for exclusive use.....	—	6	—	—	—	6	—	—	—	—	—
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—

Table 85a. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 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]

Towns/Townships of 50,000 or More	Clinton township, Macomb County	Redford township	Waterford township
	Occupied housing units -----	193	155	315
HOUSE HEATING FUEL			
Utility gas -----	180	142	266
Bottled, tank, or LP gas -----	6	-	12
Electricity -----	7	9	27
Fuel oil, kerosene, etc -----	-	4	10
Coal or coke -----	-	-	-
Wood -----	-	-	-
Other fuel -----	-	-	-
No fuel used -----	-	-	-
WATER HEATING FUEL			
Utility gas -----	180	146	252
Bottled, tank, or LP gas -----	-	-	-
Electricity -----	13	9	63
Fuel oil, kerosene, etc -----	-	-	-
Other -----	-	-	-
No fuel used -----	-	-	-
COOKING FUEL			
Utility gas -----	96	106	123
Bottled, tank, or LP gas -----	-	-	4
Electricity -----	97	49	188
Other -----	-	-	-
No fuel used -----	-	-	-
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units -----			
With a mortgage -----	96	121	172
Less than \$100 -----	90	101	129
\$100 to \$149 -----	-	5	-
\$150 to \$199 -----	-	5	-
\$200 to \$249 -----	10	12	6
\$250 to \$299 -----	20	18	12
\$300 to \$349 -----	14	22	20
\$350 to \$399 -----	16	15	32
\$400 to \$449 -----	5	6	5
\$450 to \$499 -----	-	5	13
\$500 to \$599 -----	13	5	19
\$600 to \$749 -----	6	8	22
\$750 or more -----	6	-	-
Median -----	\$353	\$324	\$391
Not mortgaged -----	6	20	43
Less than \$50 -----	-	-	-
\$50 to \$74 -----	-	-	-
\$75 to \$99 -----	-	-	-
\$100 to \$149 -----	-	5	22
\$150 to \$199 -----	-	7	21
\$200 to \$249 -----	-	-	-
\$250 or more -----	6	8	-
Median -----	\$275	\$168	\$149
GROSS RENT			
Specified renter-occupied housing units -----			
Less than \$50 -----	54	15	120
\$50 to \$59 -----	-	-	-
\$60 to \$79 -----	-	-	-
\$80 to \$99 -----	-	-	-
\$100 to \$119 -----	-	-	-
\$120 to \$149 -----	5	-	-
\$150 to \$169 -----	-	-	4
\$170 to \$199 -----	-	-	-
\$200 to \$249 -----	-	-	7
\$250 to \$299 -----	15	-	40
\$300 to \$349 -----	19	9	11
\$350 to \$399 -----	-	-	18
\$400 to \$499 -----	11	6	30
\$500 or more -----	4	-	10
No cash rent -----	-	-	-
Median -----	\$318	\$342	\$341
HOUSEHOLD INCOME IN 1979			
Occupied housing units -----			
Median income -----	\$24 097	\$23 424	\$26 076
Owner-occupied housing units -----			
Median income -----	\$28 281	\$21 375	\$29 464
Renter-occupied housing units -----			
Median income -----	\$12 353	\$25 556	\$19 091
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units -----			
Percent below poverty level -----	9	4	11
Complete plumbing for exclusive use -----	6.5	3.1	5.6
1.01 or more persons per room -----	9	4	11
Lacking complete plumbing for exclusive use -----	-	-	-
1.01 or more persons per room -----	-	-	-
Renter-occupied housing units -----			
Percent below poverty level -----	11	-	12
Complete plumbing for exclusive use -----	20.4	-	10.0
1.01 or more persons per room -----	11	-	12
Lacking complete plumbing for exclusive use -----	-	-	-
1.01 or more persons per room -----	-	-	-

Table 86. Structural Characteristics for Places of 10,000 to 50,000: 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]

Places	Adrian city	Albion city	Allen Park city	Alpena city	Beecher (COP)	Berkley city	Beverly Hills village	Big Rapids city	Birmingham city	Burton city	Cadillac city	Clowson city
YEAR STRUCTURE BUILT												
Year-round housing units	7 642	3 789	12 135	4 840	5 524	6 747	4 092	3 359	9 301	10 626	4 084	5 509
1979 to March 1980	80	72	14	121	37	20	33	133	55	88	54	35
1975 to 1978	230	52	71	262	56	203	122	193	324	482	254	152
1970 to 1974	787	216	565	199	529	224	118	334	245	770	404	379
1960 to 1969	840	504	1 967	349	1 582	289	1 417	658	1 206	2 443	307	1 369
1950 to 1959	1 099	635	6 438	675	1 932	1 863	1 841	424	3 259	3 207	349	2 371
1940 to 1949	935	471	2 281	443	778	2 963	351	370	1 890	1 849	363	483
1939 or earlier	3 671	1 839	799	2 791	610	1 185	210	1 247	2 322	1 787	2 353	720
Owner-occupied housing units	4 539	2 063	10 536	3 361	3 724	5 802	3 656	1 414	6 294	8 369	2 697	4 083
1979 to March 1980	20	13	14	32	26	20	19	30	26	73	19	15
1975 to 1978	134	36	47	160	36	56	88	95	68	224	140	33
1970 to 1974	347	53	167	84	216	96	105	70	67	515	228	29
1960 to 1969	375	219	1 423	301	1 100	172	1 188	180	505	1 885	145	853
1950 to 1959	784	344	6 121	499	1 457	1 706	1 726	156	2 386	2 731	243	2 152
1940 to 1949	544	247	2 082	302	429	2 769	325	172	1 355	1 472	245	390
1939 or earlier	2 335	1 151	682	1 983	460	983	205	711	1 887	1 469	1 677	611
Renter-occupied housing units	2 702	1 464	1 458	1 213	1 321	868	314	1 850	2 685	1 930	1 125	1 337
1979 to March 1980	52	42	—	30	—	—	—	103	19	15	—	20
1975 to 1978	76	16	24	97	13	147	28	98	245	258	101	119
1970 to 1974	423	158	371	115	229	128	13	264	166	227	160	338
1960 to 1969	410	267	504	44	382	117	173	436	627	449	146	513
1950 to 1959	267	253	281	172	365	157	82	261	826	378	92	166
1940 to 1949	346	191	188	124	259	153	13	175	445	331	108	82
1939 or earlier	1 128	537	90	631	73	166	5	513	357	272	518	99
BEDROOMS												
Year-round housing units	7 642	3 789	12 135	4 840	5 524	6 747	4 092	3 359	9 301	10 626	4 084	5 509
None	169	50	63	17	—	5	—	67	50	93	24	192
1	1 317	515	693	694	337	408	88	754	871	813	562	651
2	2 481	1 181	2 554	1 248	1 654	1 956	599	1 206	2 838	3 926	1 253	1 210
3	2 558	1 491	7 764	1 995	2 941	3 494	1 873	747	3 688	4 744	1 580	2 726
4	966	444	920	738	508	763	1 281	430	1 445	902	521	659
5 or more	151	108	141	148	84	121	251	155	409	148	144	71
Owner-occupied housing units	4 539	2 063	10 536	3 361	3 724	5 802	3 656	1 414	6 294	8 369	2 697	4 083
None	5	—	10	—	—	—	—	—	14	10	6	—
1	137	60	86	108	146	43	26	70	81	183	103	58
2	1 324	470	2 010	791	1 015	1 606	428	292	1 310	2 796	730	772
3	2 105	1 098	7 407	1 697	2 123	3 319	1 732	610	3 151	4 413	1 280	2 554
4	856	353	894	638	379	728	1 219	343	1 349	834	441	628
5 or more	112	82	129	127	61	106	251	99	389	133	137	71
Renter-occupied housing units	2 702	1 464	1 458	1 213	1 321	868	314	1 850	2 685	1 930	1 125	1 337
None	136	46	53	17	—	5	—	53	36	78	18	187
1	1 054	375	576	469	134	365	55	667	752	574	393	580
2	1 030	596	499	408	474	318	153	863	1 351	962	449	397
3	388	363	292	227	582	142	75	131	448	243	210	145
4	69	67	26	71	120	31	31	80	78	64	51	28
5 or more	25	17	12	21	11	7	—	56	20	9	4	—
STORIES IN STRUCTURE												
Year-round housing units	7 642	3 789	12 135	4 840	5 524	6 747	4 092	3 359	9 301	10 626	4 084	5 509
1 to 3	7 359	3 764	11 970	4 840	5 508	6 535	4 092	3 339	9 020	10 404	3 989	5 237
4 to 6	48	25	—	—	16	—	—	20	143	6	6	—
7 to 12	221	—	165	—	—	212	—	—	—	216	89	—
13 or more	14	—	—	—	—	—	—	—	138	—	—	272
PASSENGER ELEVATOR												
Year-round housing units	7 642	3 789	12 135	4 840	5 524	6 747	4 092	3 359	9 301	10 626	4 084	5 509
Structures with 4 or more stories	283	25	165	—	16	212	—	20	281	222	95	272
With elevator	243	10	165	—	—	212	—	—	269	216	89	272
UNITS IN STRUCTURE												
Year-round housing units	7 642	3 789	12 135	4 840	5 524	6 747	4 092	3 359	9 301	10 626	4 084	5 509
1, detached	4 530	2 449	10 912	3 621	4 883	6 097	3 797	1 548	6 777	9 128	2 965	4 303
1, attached	187	118	67	59	156	57	36	79	416	41	4	91
2	876	464	93	483	46	203	—	291	271	149	243	83
3 and 4	507	271	85	344	57	40	33	506	200	113	157	47
5 to 9	542	243	332	135	124	12	112	298	592	74	183	247
10 to 49	294	143	386	52	84	114	96	414	797	543	110	439
50 or more	382	98	260	146	12	224	18	123	242	311	99	293
Mobile home or trailer, etc.	324	3	—	—	162	—	—	100	6	267	323	6
Owner-occupied housing units	4 539	2 063	10 536	3 361	3 724	5 802	3 656	1 414	6 294	8 369	2 697	4 083
1, detached	3 821	1 931	10 345	3 205	3 583	5 677	3 585	1 253	5 955	7 982	2 400	4 014
1, attached	56	31	67	9	7	45	25	—	73	22	—	21
2	263	71	42	103	—	70	—	42	59	78	40	24
3 and 4	63	27	—	30	23	—	14	28	19	29	16	4
5 or more	50	3	82	14	49	10	32	5	190	46	20	14
Mobile home or trailer, etc.	286	—	—	—	62	—	—	86	—	212	221	6
Renter-occupied housing units	2 702	1 464	1 458	1 213	1 321	868	314	1 850	2 685	1 930	1 125	1 337
1, detached	547	412	474	300	942	350	115	252	675	948	398	252
1, attached	114	83	—	50	143	12	11	79	299	19	4	70
2	536	313	51	331	42	126	—	235	212	63	191	59
3 and 4	397	221	85	280	34	40	12	472	178	61	132	43
5 to 9	495	227	315	109	63	12	90	284	478	51	125	222
10 to 49	242	127	349	52	59	104	68	398	611	428	102	403
50 or more	342	78	184	91	12	224	18	116	226	305	93	288
Mobile home or trailer, etc.	29	3	—	—	26	—	—	14	6	55	80	—
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	2 674	1 447	1 447	1 208	1 249	837	298	1 845	2 673	1 878	1 112	1 321
1, mobile home or trailer, etc.	662	481	463	345	1 039	331	110	340	968	970	469	306
Median gross rent	\$294	\$229	\$347	\$245	\$279	\$359	\$500+	\$276	\$462	\$265	\$261	\$346
2 or more	2 012	966	984	863	210	506	188	1 505	1 705	908	643	1 015
Median gross rent	\$229	\$194	\$297	\$176	\$257	\$209	\$500	\$181	\$389	\$229	\$169	\$280

Table 86. Structural Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	East Detroit city	East Grand Rapids city	Ecorse city	Escanaba city	Farmington city	Ferdale city	Fraser city	Garden City city	Grand Haven city	Grandville city
YEAR STRUCTURE BUILT										
Year-round housing units	13 456	3 825	5 394	5 841	4 595	10 167	4 832	11 329	4 770	4 273
1979 to March 1980	86	9	4	48	36	19	348	96	176	117
1975 to 1978	112	49	59	446	271	124	288	446	244	588
1970 to 1974	297	95	215	523	1 041	209	1 091	324	332	591
1960 to 1969	1 334	593	661	404	1 423	592	1 426	1 572	628	1 033
1950 to 1959	6 661	1 258	1 117	518	1 270	1 944	1 207	6 670	903	881
1940 to 1949	3 225	651	1 106	451	235	3 179	254	1 548	565	390
1939 or earlier	1 741	1 170	2 232	3 451	319	4 098	218	673	1 922	673
Owner-occupied housing units	11 917	3 454	3 151	3 559	2 967	7 383	3 272	9 885	3 042	3 351
1979 to March 1980	52	5	4	36	25	6	77	20	69	86
1975 to 1978	89	31	38	168	189	35	200	153	171	391
1970 to 1974	200	83	67	282	228	79	429	183	216	373
1960 to 1969	1 013	518	410	360	905	206	1 108	1 295	414	858
1950 to 1959	6 120	1 190	775	489	1 168	1 389	1 090	6 326	684	788
1940 to 1949	2 946	576	528	295	199	2 518	212	1 306	321	320
1939 or earlier	1 497	1 051	1 329	1 929	253	3 150	156	602	1 167	535
Renter-occupied housing units	1 385	300	1 925	1 974	1 529	2 523	1 472	1 346	1 442	803
1979 to March 1980	19	—	—	12	—	—	223	76	97	11
1975 to 1978	23	18	15	243	82	87	83	293	70	180
1970 to 1974	84	8	130	241	789	122	662	141	103	210
1960 to 1969	312	52	209	34	481	373	312	273	195	146
1950 to 1959	477	51	308	27	91	508	91	305	181	85
1940 to 1949	259	66	490	138	26	598	42	200	190	47
1939 or earlier	211	105	773	1 279	60	835	59	58	606	124
BEDROOMS										
Year-round housing units	13 456	3 825	5 394	5 841	4 595	10 167	4 832	11 329	4 770	4 273
None	14	—	43	76	—	100	16	13	60	38
1	843	55	777	984	801	1 155	665	689	638	312
2	3 237	687	2 103	2 103	1 490	4 060	2 184	1 601	1 056	1 056
3	8 210	1 582	2 062	2 000	1 522	3 826	2 489	7 182	1 728	2 097
4	1 023	1 207	456	573	703	869	490	1 130	599	692
5 or more	129	294	98	105	79	157	63	131	144	78
Owner-occupied housing units	11 917	3 454	3 151	3 559	2 967	7 383	3 272	9 885	3 042	3 351
None	—	—	6	—	—	—	—	6	—	—
1	246	5	155	88	113	195	98	77	92	58
2	2 695	505	932	1 181	673	2 833	385	1 780	903	667
3	7 856	1 495	1 615	1 681	1 423	3 427	2 275	6 821	1 385	1 895
4	993	1 175	372	507	679	777	455	1 082	530	653
5 or more	127	274	71	102	79	151	59	119	132	78
Renter-occupied housing units	1 385	300	1 925	1 974	1 529	2 523	1 472	1 346	1 442	803
None	14	—	28	46	—	100	16	7	54	31
1	589	42	523	804	657	885	567	612	490	247
2	451	166	892	797	765	1 109	681	377	607	339
3	305	61	383	270	89	348	169	290	251	154
4	24	15	75	57	18	75	35	48	34	32
5 or more	2	16	24	—	—	6	4	12	6	—
STORIES IN STRUCTURE										
Year-round housing units	13 456	3 825	5 394	5 841	4 595	10 167	4 832	11 329	4 770	4 273
1 to 3	13 456	3 825	5 387	5 486	4 587	10 079	4 638	11 160	4 677	4 252
4 to 6	—	—	7	164	8	88	194	—	93	21
7 to 12	—	—	—	—	—	—	—	169	—	—
13 or more	—	—	—	191	—	—	—	—	—	—
PASSENGER ELEVATOR										
Year-round housing units	13 456	3 825	5 394	5 841	4 595	10 167	4 832	11 329	4 770	4 273
Structures with 4 or more stories	—	—	7	355	8	88	194	169	93	21
With elevator	—	—	—	350	—	76	194	169	88	8
UNITS IN STRUCTURE										
Year-round housing units	13 456	3 825	5 394	5 841	4 595	10 167	4 832	11 329	4 770	4 273
1, detached	12 232	3 576	3 550	3 544	2 686	8 227	3 189	10 457	3 145	3 328
1, attached	162	16	114	137	124	66	439	26	50	105
2	230	97	768	900	10	832	85	31	589	188
3 and 4	55	63	423	364	66	165	123	57	235	90
5 to 9	364	27	279	169	964	289	348	210	186	116
10 to 49	272	34	109	154	526	506	443	373	255	297
50 or more	138	12	—	355	219	77	205	175	106	8
Mobile home or trailer, etc.	3	—	151	218	—	5	—	—	204	141
Owner-occupied housing units	11 917	3 454	3 151	3 559	2 967	7 383	3 272	9 885	3 042	3 351
1, detached	11 528	3 382	2 780	2 983	2 546	7 058	2 982	9 833	2 685	3 063
1, attached	139	7	30	59	109	43	86	16	19	47
2	72	—	198	248	10	208	20	8	110	45
3 and 4	7	—	10	61	30	18	—	—	31	20
5 or more	168	37	43	13	272	56	158	28	10	43
Mobile home or trailer, etc.	3	—	90	195	—	—	—	—	187	133
Renter-occupied housing units	1 385	300	1 925	1 974	1 529	2 523	1 472	1 346	1 442	803
1, detached	559	147	666	428	118	1 011	162	531	299	178
1, attached	23	9	84	66	4	17	326	10	31	58
2	158	66	494	594	—	575	49	23	431	126
3 and 4	48	51	371	270	36	126	97	52	173	70
5 to 9	280	22	202	146	805	261	265	190	159	99
10 to 49	179	—	78	105	401	463	374	365	229	264
50 or more	138	5	—	350	165	65	199	175	106	8
Mobile home or trailer, etc.	—	—	30	15	—	5	—	—	14	—
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	1 358	297	1 871	1 974	1 529	2 511	1 417	1 319	1 423	788
1, mobile home or trailer, etc.	555	153	726	509	122	1 021	433	514	325	221
Median gross rent	\$331	\$346	\$230	\$235	\$458	\$335	\$247	\$338	\$285	\$288
2 or more	803	144	1 145	1 465	1 407	1 490	984	805	1 098	567
Median gross rent	\$260	\$252	\$209	\$169	\$341	\$249	\$263	\$280	\$210	\$241

Table 86. Structural Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	Grosse Pointe Farms city	Grosse Pointe Park city	Grosse Pointe Woods city	Hamtramck city	Harper Woods city	Hazel Park city	Highland Park city	Holland city	Holt (COP)	Inkster city
YEAR STRUCTURE BUILT										
Year-round housing units	3 869	4 990	6 658	10 300	6 595	7 693	11 727	9 627	3 794	12 247
1979 to March 1980	7	6	5	21	4	252	83	268	164	49
1975 to 1978	48	49	87	35	15	63	592	524	492	310
1970 to 1974	6	—	194	57	127	209	424	638	801	1 457
1960 to 1969	239	132	1 188	109	1 126	878	391	1 171	1 006	2 745
1950 to 1959	1 232	684	2 501	547	3 109	2 517	1 003	1 903	661	5 159
1940 to 1949	894	820	1 994	1 516	1 985	1 619	2 708	1 455	279	1 734
1939 or earlier	1 443	3 299	689	8 015	229	2 155	6 526	3 668	391	793
Owner-occupied housing units	3 581	3 467	6 247	4 943	5 418	5 664	3 691	6 563	2 387	7 613
1979 to March 1980	5	6	5	16	4	13	41	110	134	13
1975 to 1978	42	40	78	2	11	58	36	317	280	8
1970 to 1974	6	—	194	19	72	110	44	391	374	494
1960 to 1969	234	117	1 151	65	569	506	63	775	532	1 202
1950 to 1959	1 164	555	2 326	217	2 818	2 201	151	1 566	549	4 159
1940 to 1949	818	473	1 847	520	1 751	1 134	663	1 039	210	1 192
1939 or earlier	1 312	2 276	646	4 104	193	1 642	2 693	2 365	308	545
Renter-occupied housing units	210	1 367	342	4 259	1 111	1 625	6 613	2 625	1 295	4 140
1979 to March 1980	—	—	—	5	—	26	42	123	22	27
1975 to 1978	6	9	5	18	4	5	523	167	207	302
1970 to 1974	—	—	—	21	55	99	371	227	414	930
1960 to 1969	3	13	17	44	542	336	299	375	422	1 407
1950 to 1959	37	129	156	300	267	711	265	300	86	840
1940 to 1949	54	316	130	836	216	446	1 609	374	69	445
1939 or earlier	110	900	34	3 035	27	437	3 058	1 094	75	189
BEDROOMS										
Year-round housing units	3 869	4 990	6 658	10 300	6 595	7 693	11 727	9 627	3 794	12 247
None	—	36	6	95	—	59	829	138	—	279
1	49	289	66	1 212	737	907	3 301	1 110	598	1 676
2	589	1 190	1 341	5 780	2 427	3 087	2 889	3 025	1 406	3 284
3	1 861	1 582	3 583	2 596	2 845	3 020	2 653	3 516	1 398	5 823
4	875	1 159	1 368	479	540	535	1 638	1 571	348	1 070
5 or more	495	734	294	138	46	85	417	267	44	115
Owner-occupied housing units	3 581	3 467	6 247	4 943	5 418	5 664	3 691	6 563	2 387	7 613
None	—	11	6	6	—	14	5	8	—	—
1	32	8	17	197	301	156	105	328	111	178
2	477	357	1 181	2 603	1 836	2 349	454	1 605	702	1 723
3	1 776	1 248	3 420	1 591	2 710	2 614	1 601	3 081	1 225	4 752
4	818	1 114	1 329	429	525	464	1 247	1 335	310	890
5 or more	478	729	294	117	46	67	279	206	39	70
Renter-occupied housing units	210	1 367	342	4 259	1 111	1 625	6 613	2 625	1 295	4 140
None	—	25	—	62	—	45	696	126	—	277
1	17	232	49	821	432	513	2 722	690	469	1 416
2	112	769	145	2 429	554	651	2 057	1 234	649	1 412
3	46	313	117	896	110	327	809	346	134	863
4	25	23	31	38	15	71	257	175	38	131
5 or more	10	5	—	13	—	18	72	54	5	41
STORIES IN STRUCTURE										
Year-round housing units	3 869	4 990	6 658	10 300	6 595	7 693	11 727	9 627	3 794	12 247
1 to 3	3 869	4 963	6 653	10 287	6 595	7 475	8 923	9 527	3 694	11 723
4 to 6	—	27	5	13	—	—	2 230	100	100	5
7 to 12	—	—	—	—	—	—	193	560	—	465
13 or more	—	—	—	—	—	—	25	14	—	54
PASSENGER ELEVATOR										
Year-round housing units	3 869	4 990	6 658	10 300	6 595	7 693	11 727	9 627	3 794	12 247
Structures with 4 or more stories	—	27	5	13	—	218	2 804	100	100	524
With elevator	—	—	—	—	—	218	2 254	100	100	524
UNITS IN STRUCTURE										
Year-round housing units	3 869	4 990	6 658	10 300	6 595	7 693	11 727	9 627	3 794	12 247
1, detached	3 747	3 368	6 369	4 178	5 181	6 408	4 390	6 929	2 265	8 865
1, attached	38	83	200	110	48	281	221	183	86	478
2	79	993	80	4 554	34	431	1 649	1 253	209	221
3 and 4	5	442	21	862	400	131	854	265	112	280
5 to 9	—	64	26	229	633	78	533	164	113	425
10 to 49	—	32	62	188	213	202	1 929	465	534	937
50 or more	—	—	6	89	24	395	2 141	219	208	925
Mobile home or trailer, etc.	—	8	—	—	—	—	10	149	267	116
Owner-occupied housing units	3 581	3 467	6 247	4 943	5 418	5 664	3 691	6 563	2 387	7 613
1, detached	3 526	3 232	6 115	3 251	4 927	5 471	3 187	6 016	2 044	7 295
1, attached	21	32	32	56	85	5	58	66	14	102
2	34	180	25	1 409	15	110	285	236	63	52
3 and 4	—	14	15	170	115	26	56	39	5	31
5 or more	—	9	60	57	276	52	105	86	7	71
Mobile home or trailer, etc.	—	—	—	—	—	—	—	120	—	62
Renter-occupied housing units	210	1 367	342	4 259	1 111	1 625	6 613	2 625	1 295	4 140
1, detached	148	78	207	638	209	808	820	687	163	1 238
1, attached	17	45	47	133	13	43	149	85	67	363
2	45	776	48	2 508	19	287	1 218	926	146	155
3 and 4	—	373	6	599	285	98	692	201	99	234
5 to 9	—	55	12	189	441	52	420	146	109	369
10 to 49	—	32	16	139	120	189	1 499	350	497	839
50 or more	—	—	6	53	24	148	1 805	201	201	900
Mobile home or trailer, etc.	—	8	—	—	—	—	10	29	13	42
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	198	1 363	331	4 224	1 096	1 589	6 508	2 581	1 265	4 008
1, mobile home or trailer, etc.	153	127	243	736	207	874	874	757	213	1 511
Median gross rent	\$443	\$280	\$442	\$198	\$321	\$318	\$267	\$266	\$292	\$261
2 or more	45	1 236	88	3 488	889	774	5 634	1 824	1 052	2 497
Median gross rent	\$254	\$298	\$303	\$179	\$319	\$265	\$184	\$230	\$253	\$241

Table 86. Structural Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	Jenison (COP)	Kentwood city	Lakeview (COP)	Lincoln Park city	Madison Heights city	Morquette city	Melvindale city	Menominee city	Midland city	Monroe city
YEAR STRUCTURE BUILT										
Year-round housing units	4 673	12 110	4 919	16 854	13 018	8 235	4 756	4 230	13 772	8 392
1979 to March 1980	252	1 047	18	22	432	492	27	23	371	31
1975 to 1978	841	2 584	199	373	763	889	63	226	1 638	196
1970 to 1974	990	3 119	247	612	1 304	1 058	143	301	1 512	854
1960 to 1969	1 732	2 954	1 268	2 197	3 197	900	844	254	3 518	971
1950 to 1959	677	1 411	1 573	6 925	5 367	773	1 422	555	3 223	1 354
1940 to 1949	122	445	817	4 023	1 344	770	1 387	535	1 633	1 107
1939 or earlier	59	550	797	2 702	611	3 353	870	2 336	1 877	3 879
Owner-occupied housing units	4 347	6 695	4 057	13 172	9 212	3 839	3 231	2 870	9 284	5 213
1979 to March 1980	195	322	7	17	57	26	13	12	142	31
1975 to 1978	723	807	150	105	261	265	—	137	917	125
1970 to 1974	929	1 347	203	252	796	321	37	129	953	268
1960 to 1969	1 697	2 189	1 116	1 154	1 693	450	362	152	2 282	498
1950 to 1959	658	1 269	1 454	6 185	4 862	507	1 081	480	2 525	1 213
1940 to 1949	97	336	514	3 485	1 092	490	1 131	406	1 144	696
1939 or earlier	48	425	613	1 974	451	1 780	607	1 554	1 321	2 382
Renter-occupied housing units	241	4 758	724	3 411	3 507	3 716	1 394	1 075	3 784	2 844
1979 to March 1980	31	513	6	5	296	313	14	8	146	—
1975 to 1978	88	1 547	43	260	497	502	63	69	653	71
1970 to 1974	48	1 658	31	342	475	674	103	151	519	548
1960 to 1969	32	704	133	1 002	1 400	355	448	95	1 055	442
1950 to 1959	6	130	111	648	453	231	309	53	535	141
1940 to 1949	25	84	255	494	229	260	224	105	432	364
1939 or earlier	11	122	145	660	157	1 381	233	594	444	1 278
BEDROOMS										
Year-round housing units	4 673	12 110	4 919	16 854	13 018	8 235	4 756	4 230	13 772	8 392
None	—	333	10	76	18	200	70	28	119	114
1	143	1 761	233	1 832	2 234	2 035	724	621	1 543	1 343
2	780	4 376	1 303	5 406	3 663	2 455	1 773	1 449	3 393	2 401
3	2 899	4 074	2 282	8 363	6 061	2 414	1 974	1 521	5 621	3 165
4	755	1 320	964	1 028	983	929	168	492	2 516	1 109
5 or more	96	246	127	149	59	202	47	119	578	260
Owner-occupied housing units	4 347	6 695	4 057	13 172	9 212	3 839	3 231	2 870	9 284	5 213
None	—	12	—	6	—	—	6	—	14	19
1	130	186	60	286	141	156	67	118	197	101
2	551	1 686	813	3 930	2 425	951	1 123	916	1 386	1 216
3	2 844	3 356	2 133	7 837	5 666	1 843	1 820	1 291	4 837	2 685
4	732	1 226	924	975	925	731	168	437	2 305	969
5 or more	90	229	127	138	55	158	47	108	545	223
Renter-occupied housing units	241	4 758	724	3 411	3 507	3 716	1 394	1 075	3 784	2 844
None	—	271	10	56	18	177	54	20	53	64
1	—	1 414	137	1 453	1 962	1 646	613	416	1 233	1 128
2	195	2 385	430	1 391	1 127	1 260	583	446	1 691	1 107
3	29	590	120	458	344	446	144	146	636	430
4	11	81	27	42	52	161	—	43	150	97
5 or more	6	17	—	11	4	26	—	4	21	18
STORIES IN STRUCTURE										
Year-round housing units	4 673	12 110	4 919	16 854	13 018	8 235	4 756	4 230	13 772	8 392
1 to 3	4 673	12 008	4 919	16 543	12 336	7 785	4 756	4 140	13 581	8 198
4 to 6	—	102	—	75	155	—	—	90	12	42
7 to 12	—	—	—	142	520	333	—	—	179	152
13 or more	—	—	—	94	7	—	—	—	—	—
PASSENGER ELEVATOR										
Year-round housing units	4 673	12 110	4 919	16 854	13 018	8 235	4 756	4 230	13 772	8 392
Structures with 4 or more stories	—	102	—	311	682	450	—	90	171	194
With elevator	—	73	—	302	682	377	—	90	184	159
UNITS IN STRUCTURE										
Year-round housing units	4 673	12 110	4 919	16 854	13 018	8 235	4 756	4 230	13 772	8 392
1, detached	4 015	5 790	4 304	13 763	9 385	4 151	3 515	2 954	10 037	5 528
1, attached	232	743	22	184	241	117	25	26	209	133
2	164	545	160	859	81	856	228	613	410	998
3 and 4	37	320	210	466	204	753	148	186	358	457
5 to 9	105	758	35	728	1 490	485	199	154	548	410
10 to 49	88	3 012	166	300	449	1 039	491	105	1 258	690
50 or more	26	237	18	419	770	634	38	90	452	170
Mobile home or trailer, etc.	6	705	4	135	398	200	112	102	500	6
Owner-occupied housing units	4 347	6 695	4 057	13 172	9 212	3 839	3 231	2 870	9 284	5 213
1, detached	3 941	5 369	3 980	12 668	8 517	3 350	3 079	2 574	8 725	4 865
1, attached	185	216	20	61	185	35	12	5	58	34
2	15	109	37	216	28	47	49	163	57	252
3 and 4	12	67	6	67	26	47	13	18	39	40
5 or more	188	374	14	38	80	39	17	8	58	22
Mobile home or trailer, etc.	6	600	—	122	376	142	61	102	347	—
Renter-occupied housing units	241	4 758	724	3 411	3 507	3 716	1 394	1 075	3 784	2 844
1, detached	36	297	242	940	749	587	396	269	1 004	537
1, attached	34	432	—	121	55	61	13	—	140	95
2	140	421	114	581	45	590	153	393	313	664
3 and 4	25	279	184	384	166	669	125	144	262	369
5 to 9	—	385	21	696	1 354	397	176	118	436	368
10 to 49	6	2 628	141	283	392	856	467	61	1 088	635
50 or more	—	225	18	401	728	514	26	90	440	170
Mobile home or trailer, etc.	—	91	4	5	18	42	38	—	101	6
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	229	4 640	708	3 375	3 456	3 700	1 376	1 069	3 734	2 798
1, mobile home or trailer, etc.	58	702	230	1 030	771	674	429	263	1 195	592
Median gross rent	\$263	\$321	\$278	\$288	\$344	\$305	\$273	\$232	\$323	\$287
2 or more	171	3 938	478	2 345	2 685	3 026	947	806	2 539	2 206
Median gross rent	\$309	\$252	\$240	\$254	\$274	\$226	\$263	\$181	\$245	\$232

Table 86. Structural Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	Mount Clemens city	Mount Pleasant city	Niles city	Northview (CDP)	Novi city	Oak Park city	Owosso city	Port Huron city	River Rouge city	Riverview city
YEAR STRUCTURE BUILT										
Year-round housing units	7 355	6 442	5 518	4 070	8 667	11 296	6 382	13 374	5 045	4 733
1979 to March 1980	35	309	7	220	1 085	58	27	145	—	97
1975 to 1978	394	439	185	412	2 349	14	178	299	12	473
1970 to 1974	570	782	560	584	3 024	266	437	813	91	905
1960 to 1969	1 288	1 500	583	1 419	811	1 837	604	1 463	468	1 535
1950 to 1959	1 312	1 010	655	885	765	7 232	879	1 735	563	1 304
1940 to 1949	1 020	689	861	312	253	1 555	777	2 184	1 135	207
1939 or earlier	2 736	1 713	2 667	238	380	334	3 480	6 735	2 776	212
Owner-occupied housing units	4 111	2 621	3 230	2 940	6 571	8 873	4 330	7 788	2 593	3 106
1979 to March 1980	19	20	—	70	649	—	27	13	—	82
1975 to 1978	52	133	29	228	1 871	—	157	106	12	230
1970 to 1974	201	236	85	258	2 298	102	232	318	75	486
1960 to 1969	626	537	239	1 069	671	1 352	425	731	268	836
1950 to 1959	1 000	411	461	821	679	6 014	633	1 226	157	1 145
1940 to 1949	575	273	575	263	162	1 162	478	1 258	494	190
1939 or earlier	1 638	1 011	1 841	231	241	243	2 378	4 136	1 587	137
Renter-occupied housing units	2 941	3 524	1 997	924	1 419	2 267	1 748	4 994	2 080	1 512
1979 to March 1980	16	202	7	60	35	55	—	107	—	7
1975 to 1978	331	286	156	175	390	14	17	180	—	230
1970 to 1974	340	546	402	291	609	164	155	449	16	388
1960 to 1969	596	953	331	295	133	463	174	682	177	667
1950 to 1959	289	536	173	62	61	1 099	216	480	362	139
1940 to 1949	353	368	234	34	68	385	242	807	457	17
1939 or earlier	1 016	633	694	7	123	87	944	2 289	1 068	64
BEDROOMS										
Year-round housing units	7 355	6 442	5 518	4 070	8 667	11 296	6 382	13 374	5 045	4 733
None	155	54	119	71	12	76	54	314	66	12
1	1 896	1 293	1 015	402	543	494	913	2 205	991	556
2	1 875	2 600	1 880	1 057	3 374	2 960	1 876	4 397	1 777	1 189
3	2 563	1 645	1 674	1 817	2 996	6 602	2 501	4 693	1 555	2 061
4	710	702	692	652	1 624	1 067	870	1 468	541	846
5 or more	156	148	138	71	118	97	168	297	115	69
Owner-occupied housing units	4 111	2 621	3 230	2 940	6 571	8 873	4 330	7 788	2 593	3 106
None	—	—	—	—	—	7	—	—	—	—
1	135	96	108	52	109	123	140	271	100	35
2	930	623	1 004	582	2 264	1 553	1 180	3 328	729	306
3	2 309	1 245	1 437	1 592	2 635	6 068	2 107	3 710	1 182	1 922
4	619	559	570	643	1 445	1 032	754	1 247	478	774
5 or more	118	98	111	71	118	90	149	232	104	69
Renter-occupied housing units	2 941	3 524	1 997	924	1 419	2 267	1 748	4 994	2 080	1 512
None	131	54	99	58	12	69	40	302	40	12
1	1 632	1 096	795	297	381	368	661	1 773	746	486
2	849	1 886	761	363	752	1 341	604	1 800	684	836
3	214	315	228	197	216	450	334	885	341	130
4	77	123	87	9	58	32	98	181	58	48
5 or more	38	50	27	—	—	7	11	53	11	—
STORIES IN STRUCTURE										
Year-round housing units	7 355	6 442	5 518	4 070	8 667	11 296	6 382	13 374	5 045	4 733
1 to 3	6 995	6 160	5 354	4 065	8 665	11 051	6 372	13 170	4 950	4 571
4 to 6	74	25	28	—	2	55	10	95	88	—
7 to 12	280	257	136	—	—	8	—	109	7	155
13 or more	6	—	—	5	—	182	—	—	—	7
PASSENGER ELEVATOR										
Year-round housing units	7 355	6 442	5 518	4 070	8 667	11 296	6 382	13 374	5 045	4 733
Structures with 4 or more stories	360	282	164	5	2	245	10	204	95	162
With elevator	332	282	151	5	—	245	10	184	37	162
UNITS IN STRUCTURE										
Year-round housing units	7 355	6 442	5 518	4 070	8 667	11 296	6 382	13 374	5 045	4 733
1, detached	4 065	3 250	3 709	2 906	4 438	9 314	4 694	8 903	2 686	3 192
1, attached	250	119	44	170	1 158	681	69	221	124	138
2	675	473	374	13	37	118	714	1 588	1 032	41
3 and 4	669	355	359	63	539	269	329	1 145	722	58
5 to 9	425	397	344	190	783	280	207	669	271	632
10 to 49	749	1 353	420	576	381	317	187	438	210	413
50 or more	475	357	236	59	17	317	17	349	—	246
Mobile home or trailer, etc.	47	138	32	93	1 314	—	165	61	—	13
Owner-occupied housing units	4 111	2 621	3 230	2 940	6 571	8 873	4 330	7 788	2 593	3 106
1, detached	3 625	2 410	3 051	2 801	3 860	8 614	4 002	7 324	2 204	3 030
1, attached	137	20	5	15	944	126	24	45	24	35
2	167	72	100	6	10	25	140	291	247	—
3 and 4	32	43	34	—	426	54	8	73	98	—
5 or more	103	20	34	33	130	54	11	35	20	37
Mobile home or trailer, etc.	47	56	6	85	1 201	—	145	20	—	4
Renter-occupied housing units	2 941	3 524	1 997	924	1 419	2 267	1 748	4 994	2 080	1 512
1, detached	387	700	541	75	327	603	545	1 300	409	113
1, attached	93	92	39	143	119	533	45	162	98	108
2	479	370	232	7	27	89	512	1 193	652	41
3 and 4	571	308	307	63	100	197	283	976	555	52
5 to 9	341	373	274	138	568	251	179	573	195	569
10 to 49	641	1 330	367	431	198	293	162	430	171	374
50 or more	429	280	211	59	17	301	17	324	—	246
Mobile home or trailer, etc.	—	71	26	8	63	—	5	36	—	9
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	2 917	3 498	1 956	870	1 354	2 175	1 738	4 927	2 050	1 477
1, mobile home or trailer, etc.	456	837	565	172	444	1 044	585	1 431	477	195
Median gross rent	\$315	\$261	\$264	\$359	\$367	\$345	\$269	\$293	\$226	\$269
2 or more	2 461	2 661	1 391	698	910	1 131	1 153	3 496	1 573	1 282
Median gross rent	\$235	\$199	\$206	\$228	\$327	\$302	\$214	\$217	\$182	\$287

Table 86. Structural Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	Romulus city	Sault Ste. Marie city	Southgate city	Traverse City city	Trenton city	Walker city	Wayne city	Woodhaven city	Wyandotte city	Ypsilanti city
YEAR STRUCTURE BUILT										
Year-round housing units	8 160	5 692	11 321	6 068	7 945	5 629	7 268	3 592	13 287	9 101
1979 to March 1980	153	189	76	59	76	263	44	145	46	169
1975 to 1978	334	403	618	340	336	902	348	713	175	181
1970 to 1974	1 486	262	1 462	437	1 042	1 121	1 756	1 698	374	820
1960 to 1969	2 983	616	2 179	625	1 946	1 342	1 327	807	1 000	2 031
1950 to 1959	956	539	4 763	899	3 026	953	2 094	76	2 961	1 426
1940 to 1949	1 246	796	1 904	522	587	358	1 747	85	3 108	1 442
1939 or earlier	1 002	2 887	319	3 186	932	690	952	68	5 623	3 032
Owner-occupied housing units										
Year-round housing units	5 331	3 548	8 456	3 568	5 846	3 738	4 802	2 564	8 947	3 036
1979 to March 1980	149	85	57	30	60	133	14	126	11	16
1975 to 1978	214	262	153	111	245	374	132	553	18	13
1970 to 1974	899	214	632	218	412	506	151	1 237	47	81
1960 to 1969	1 751	285	1 102	360	1 463	1 067	635	469	376	457
1950 to 1959	652	420	4 487	659	2 773	823	1 696	58	2 443	645
1940 to 1949	873	544	1 747	310	427	297	1 491	76	2 398	583
1939 or earlier	793	1 738	278	1 880	466	538	683	45	3 654	1 241
Renter-occupied housing units										
Year-round housing units	2 505	1 618	2 576	2 179	1 845	1 681	2 256	823	3 942	5 387
1979 to March 1980	4	15	9	13	6	111	14	—	10	20
1975 to 1978	66	90	429	206	82	476	205	145	145	168
1970 to 1974	547	43	748	207	550	606	539	354	317	692
1960 to 1969	1 103	313	981	213	423	232	667	279	612	1 428
1950 to 1959	289	102	230	205	217	94	339	13	467	743
1940 to 1949	316	168	149	201	159	48	243	9	671	755
1939 or earlier	180	887	30	1 134	408	114	249	23	1 720	1 581
BEDROOMS										
Year-round housing units	8 160	5 692	11 321	6 068	7 945	5 629	7 268	3 592	13 287	9 101
None	43	72	85	154	127	17	82	7	406	365
1	760	904	1 151	898	718	1 030	1 123	469	1 703	3 166
2	2 589	1 952	3 494	1 584	1 910	1 519	2 071	689	4 435	2 837
3	3 952	1 918	5 651	2 275	3 855	2 388	3 158	1 960	5 330	1 868
4	698	710	803	849	1 206	568	744	448	1 161	720
5 or more	118	136	137	308	129	107	90	19	252	145
Owner-occupied housing units										
Year-round housing units	5 331	3 548	8 456	3 568	5 846	3 738	4 802	2 564	8 947	3 036
None	—	—	—	7	—	—	—	—	12	—
1	111	124	53	143	54	64	95	17	205	189
2	1 155	1 181	2 091	670	952	811	1 123	224	2 725	824
3	3 343	1 547	5 408	1 739	3 576	2 229	2 788	1 881	4 730	1 370
4	617	581	774	719	1 144	529	695	423	1 033	562
5 or more	105	115	130	290	120	105	90	19	242	91
Renter-occupied housing units										
Year-round housing units	2 505	1 618	2 576	2 179	1 845	1 681	2 256	823	3 942	5 387
None	43	56	85	136	113	8	41	7	350	339
1	584	616	1 009	682	577	911	944	395	1 384	2 580
2	1 276	530	1 266	810	847	643	873	345	1 534	1 834
3	513	283	185	439	245	82	360	65	569	447
4	76	116	24	96	54	35	38	11	98	143
5 or more	13	17	7	16	9	2	—	—	7	44
STORIES IN STRUCTURE										
Year-round housing units	8 160	5 692	11 321	6 068	7 945	5 629	7 268	3 592	13 287	9 101
1 to 3	8 160	5 608	10 970	5 955	7 675	5 618	6 881	3 592	12 745	8 410
4 to 6	—	84	351	10	76	11	—	—	63	391
7 to 12	—	—	—	103	181	—	381	—	479	293
13 or more	—	—	—	—	13	—	6	—	—	7
PASSENGER ELEVATOR										
Year-round housing units	8 160	5 692	11 321	6 068	7 945	5 629	7 268	3 592	13 287	9 101
Structures with 4 or more stories	—	84	351	113	270	11	387	—	542	691
With elevator	—	66	305	103	194	—	387	—	509	449
UNITS IN STRUCTURE										
Year-round housing units	8 160	5 692	11 321	6 068	7 945	5 629	7 268	3 592	13 287	9 101
1, detached	5 635	3 489	8 654	4 331	5 695	3 802	4 965	2 488	9 463	3 315
1, attached	560	41	196	41	382	12	566	7	224	401
2	132	630	42	600	248	104	141	32	1 720	663
3 and 4	124	410	525	258	188	80	221	18	643	1 035
5 to 9	544	298	458	251	764	42	473	745	321	1 113
10 to 49	670	220	820	413	327	1 216	495	116	447	1 899
50 or more	92	140	585	174	217	115	407	28	469	671
Mobile home or trailer, etc.	403	464	41	—	124	258	—	158	—	4
Owner-occupied housing units										
Year-round housing units	5 331	3 548	8 456	3 568	5 846	3 738	4 802	2 564	8 947	3 036
1, detached	4 867	2 904	8 234	3 342	5 342	3 460	4 564	2 392	8 414	2 695
1, attached	34	20	100	15	189	6	130	7	62	34
2	36	188	6	121	38	23	36	21	405	166
3 and 4	5	51	14	47	46	14	24	—	53	62
5 or more	46	80	43	120	15	48	7	—	13	75
Mobile home or trailer, etc.	343	367	22	—	111	—	—	137	—	4
Renter-occupied housing units										
Year-round housing units	2 505	1 618	2 576	2 179	1 845	1 681	2 256	823	3 942	5 387
1, detached	631	406	340	614	308	219	363	68	944	510
1, attached	521	21	92	26	176	6	415	—	128	344
2	96	382	36	431	189	63	97	11	1 187	469
3 and 4	112	299	459	187	130	66	187	9	535	867
5 to 9	481	204	371	200	534	42	402	584	312	929
10 to 49	538	193	703	367	278	1 150	427	116	380	1 729
50 or more	89	71	556	154	217	115	365	28	456	539
Mobile home or trailer, etc.	37	42	19	—	13	20	—	7	—	—
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	2 369	1 602	2 538	2 174	1 801	1 661	2 196	822	3 910	5 309
1, mobile home or trailer, etc.	1 053	453	413	835	453	225	718	74	1 040	776
Median gross rent	\$269	\$238	\$329	\$306	\$328	\$272	\$244	\$408	\$282	\$303
2 or more	1 316	1 149	2 125	1 339	1 348	1 436	1 478	748	2 870	4 533
Median gross rent	\$264	\$160	\$313	\$229	\$263	\$212	\$262	\$284	\$226	\$237

Table 86a. Structural Characteristics for Towns/Townships of 10,000 to 50,000: 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]

Towns/Townships	Alpena township	Avon township	Bongor township, Boy County	Bottle Creek township	Bedford township, Calhoun County	Bedford township, Monroe County	Benton township, Berrien County	Blockman township	Bloomfield township, Oakland County	Bridgeport township	Brighton township
YEAR STRUCTURE BUILT											
Year-round housing units	3 763	14 598	6 063	7 868	3 350	7 204	7 386	5 540	14 711	4 507	3 585
1979 to March 1980	198	1 550	110	250	36	223	94	183	590	68	287
1975 to 1978	472	2 921	390	390	225	656	197	1 096	1 287	350	801
1970 to 1974	636	3 709	991	483	380	798	1 011	853	1 607	869	913
1960 to 1969	1 023	2 429	1 570	1 640	742	2 017	1 581	901	5 369	1 176	740
1950 to 1959	802	2 212	1 193	2 179	986	1 658	1 724	972	4 943	843	338
1940 to 1949	339	860	914	1 591	352	732	1 281	549	453	494	250
1939 or earlier	293	917	895	1 335	629	1 120	1 498	986	462	707	256
Owner-occupied housing units	2 838	10 970	4 831	6 191	2 917	6 184	4 150	3 661	12 548	3 474	3 039
1979 to March 1980	21	950	107	28	36	115	41	106	288	15	221
1975 to 1978	357	2 107	365	222	220	540	72	198	1 134	191	744
1970 to 1974	453	2 538	709	267	308	776	263	440	1 131	583	832
1960 to 1969	843	1 943	1 125	1 377	652	1 852	781	781	4 462	950	610
1950 to 1959	677	1 992	1 018	1 994	869	1 412	1 295	866	4 698	697	294
1940 to 1949	271	738	705	1 196	287	628	741	473	435	442	156
1939 or earlier	216	702	802	1 107	545	861	957	797	400	596	182
Renter-occupied housing units	524	2 791	1 072	1 391	329	755	2 680	1 664	1 533	884	310
1979 to March 1980	17	129	—	130	—	34	53	36	64	36	5
1975 to 1978	102	667	11	162	5	96	125	833	80	115	29
1970 to 1974	139	1 100	265	203	57	17	655	391	360	270	53
1960 to 1969	96	451	425	244	74	93	704	95	801	205	77
1950 to 1959	66	204	148	156	96	208	356	84	155	126	38
1940 to 1949	45	69	152	327	44	88	399	71	18	38	57
1939 or earlier	59	171	71	169	53	219	388	154	55	94	51
BEDROOMS											
Year-round housing units	3 763	14 598	6 063	7 868	3 350	7 204	7 386	5 540	14 711	4 507	3 585
None	17	6	56	35	4	15	74	91	33	60	6
1	341	1 131	393	436	193	347	928	950	669	188	180
2	1 255	4 481	2 030	2 651	1 045	1 559	2 951	1 886	2 085	1 329	644
3	1 719	4 951	2 887	3 349	1 724	3 842	2 621	1 979	4 869	2 389	1 735
4	372	3 677	638	1 238	317	1 212	684	563	5 606	473	850
5 or more	59	352	59	159	67	229	128	71	1 449	68	170
Owner-occupied housing units	2 838	10 970	4 831	6 191	2 917	6 184	4 150	3 661	12 548	3 474	3 039
None	—	—	13	—	—	—	10	28	5	19	—
1	65	249	104	113	128	178	150	213	156	64	72
2	842	2 702	1 497	1 612	835	1 130	1 538	1 048	1 074	741	444
3	1 569	4 441	2 582	3 134	1 611	3 539	1 906	1 774	4 490	2 154	1 563
4	303	3 249	576	1 173	285	1 138	469	542	5 419	437	800
5 or more	59	329	59	159	58	199	77	56	1 404	59	160
Renter-occupied housing units	524	2 791	1 072	1 391	329	755	2 680	1 664	1 533	884	310
None	11	6	34	19	—	15	56	49	28	36	6
1	146	811	280	273	65	117	661	704	408	113	80
2	279	1 516	446	901	150	351	1 199	763	746	524	130
3	56	359	280	156	79	195	527	128	260	178	80
4	32	88	32	42	26	61	186	5	67	27	8
5 or more	—	11	—	—	9	16	51	15	24	6	6
STORIES IN STRUCTURE											
Year-round housing units	3 763	14 598	6 063	7 868	3 350	7 204	7 386	5 540	14 711	4 507	3 585
1 to 3	3 763	14 585	6 063	7 864	3 350	7 204	7 372	5 204	14 705	4 507	3 585
4 to 6	—	13	—	4	—	—	14	336	6	—	—
7 to 12	—	—	—	—	—	—	—	—	—	—	—
13 or more	—	—	—	—	—	—	—	—	—	—	—
PASSENGER ELEVATOR											
Year-round housing units	3 763	14 598	6 063	7 868	3 350	7 204	7 386	5 540	14 711	4 507	3 585
Structures with 4 or more stories	—	13	—	4	—	—	14	336	6	—	—
With elevator	—	7	—	—	—	—	—	325	—	—	—
UNITS IN STRUCTURE											
Year-round housing units	3 763	14 598	6 063	7 868	3 350	7 204	7 386	5 540	14 711	4 507	3 585
1, detached	2 917	9 653	4 715	6 622	2 967	6 483	5 207	3 779	11 919	3 696	3 122
1, attached	8	1 158	118	61	—	30	437	62	757	83	13
2	38	69	71	196	77	153	197	72	—	114	86
3 and 4	103	569	186	297	35	78	191	71	571	184	15
5 to 9	148	1 511	194	87	8	113	221	67	971	161	77
10 to 49	182	452	185	583	12	122	615	790	374	108	80
50 or more	19	246	124	18	—	—	82	413	77	7	—
Mobile home or trailer, etc.	348	940	470	4	251	225	436	286	42	154	192
Owner-occupied housing units	2 838	10 970	4 831	6 191	2 917	6 184	4 150	3 661	12 548	3 474	3 039
1, detached	2 537	8 652	4 274	6 072	2 657	5 857	3 779	3 335	11 477	3 317	2 802
1, attached	—	805	60	20	—	12	11	10	508	42	—
2	—	41	32	48	20	73	80	16	—	9	—
3 and 4	6	262	28	37	7	27	38	9	131	14	—
5 or more	46	343	27	14	7	20	29	78	394	23	70
Mobile home or trailer, etc.	186	867	410	—	225	195	213	213	38	69	167
Renter-occupied housing units	524	2 791	1 072	1 391	329	755	2 680	1 664	1 533	884	310
1, detached	168	467	327	389	224	461	1 080	320	244	292	152
1, attached	8	302	58	39	—	7	392	52	101	34	13
2	32	24	39	139	51	59	93	56	—	105	67
3 and 4	26	210	146	240	27	51	112	62	366	162	15
5 to 9	90	1 162	177	73	8	72	197	59	624	136	36
10 to 49	84	412	167	489	5	75	523	715	175	80	13
50 or more	—	175	112	18	—	—	82	341	19	7	—
Mobile home or trailer, etc.	116	39	46	4	14	30	201	59	4	68	14
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	495	2 728	1 047	1 345	302	686	2 451	1 615	1 494	825	278
1, mobile home or trailer, etc.	263	745	406	386	211	429	1 444	382	310	335	147
Median gross rent	\$207	\$340	\$256	\$289	\$266	\$299	\$237	\$273	\$500+	\$278	\$335
2 or more	232	1 983	641	959	91	257	1 007	1 233	1 184	490	131
Median gross rent	\$217	\$326	\$228	\$269	\$220	\$241	\$228	\$245	\$430	\$264	\$260

Table 86a. Structural Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Brownstown township	Buena Vista township	Byron township	Canton township	Cascade township	Chesterfield township	Commerce township	Comstock township	Davison township	Delhi township	Delta township
YEAR STRUCTURE BUILT											
Year-round housing units -----	6 356	4 470	3 551	16 685	3 305	6 030	7 779	3 787	5 022	6 213	8 691
1979 to March 1980 -----	287	129	222	2 268	272	692	231	83	385	328	758
1975 to 1978 -----	1 133	197	509	5 359	861	1 099	941	401	1 093	910	1 655
1970 to 1974 -----	2 700	586	885	5 671	792	1 680	1 528	374	1 270	1 218	1 806
1960 to 1969 -----	897	1 138	646	2 128	556	896	1 845	698	1 105	1 700	2 513
1950 to 1959 -----	451	1 202	383	476	309	816	1 681	824	503	982	1 055
1940 to 1949 -----	528	603	233	354	210	437	940	413	250	449	384
1939 or earlier -----	360	615	673	429	305	410	613	994	416	626	520
Owner-occupied housing units -----	4 010	3 624	3 068	11 808	2 939	4 417	6 784	3 144	3 512	4 471	5 578
1979 to March 1980 -----	197	105	203	1 726	266	564	202	75	210	267	281
1975 to 1978 -----	803	157	454	4 716	732	854	863	332	478	606	699
1970 to 1974 -----	1 511	524	761	3 358	723	1 361	1 400	309	915	717	896
1960 to 1969 -----	468	911	583	1 090	484	579	1 610	613	947	1 188	2 013
1950 to 1959 -----	346	950	320	371	304	505	1 487	700	452	824	913
1940 to 1949 -----	403	487	202	281	176	274	698	348	205	359	351
1939 or earlier -----	282	490	545	266	254	280	524	767	305	510	425
Renter-occupied housing units -----	2 060	656	365	4 130	255	1 330	772	530	1 234	1 582	2 769
1979 to March 1980 -----	4	15	—	275	—	96	—	—	146	39	392
1975 to 1978 -----	275	26	49	524	54	172	38	60	441	291	852
1970 to 1974 -----	1 079	40	94	2 102	59	199	83	65	333	488	831
1960 to 1969 -----	407	190	40	924	54	304	203	71	128	460	451
1950 to 1959 -----	100	188	49	92	5	306	173	98	51	126	132
1940 to 1949 -----	124	91	27	59	34	149	195	50	41	86	33
1939 or earlier -----	71	106	106	154	49	104	80	186	94	92	78
BEDROOMS											
Year-round housing units -----	6 356	4 470	3 551	16 685	3 305	6 030	7 779	3 787	5 022	6 213	8 691
None -----	37	—	13	56	6	74	—	5	—	7	19
1 -----	504	129	190	1 511	108	428	394	218	692	664	1 156
2 -----	2 209	1 919	1 370	4 235	607	1 598	1 840	999	1 510	2 220	2 158
3 -----	3 060	2 051	1 457	6 889	1 284	3 200	4 017	1 861	2 190	2 451	3 485
4 -----	495	309	449	3 765	1 069	632	1 295	604	565	727	1 633
5 or more -----	51	62	72	229	231	98	233	100	65	144	240
Owner-occupied housing units -----	4 010	3 624	3 068	11 808	2 939	4 417	6 784	3 144	3 512	4 471	5 578
None -----	—	—	4	14	—	—	—	—	—	7	—
1 -----	82	74	130	125	46	109	143	97	32	148	26
2 -----	966	1 529	1 116	1 955	457	1 050	1 459	688	874	1 309	723
3 -----	2 479	1 692	1 357	5 988	1 187	2 637	3 777	1 710	2 047	2 191	3 037
4 -----	432	273	404	3 513	1 027	540	1 192	549	507	685	1 568
5 or more -----	51	56	57	213	222	74	213	100	52	131	224
Renter-occupied housing units -----	2 060	656	365	4 130	255	1 330	772	530	1 234	1 582	2 769
None -----	37	—	6	26	6	41	—	5	—	—	15
1 -----	396	51	49	1 319	60	268	234	111	539	495	1 075
2 -----	1 107	299	189	1 995	93	423	339	260	523	837	1 277
3 -----	496	273	70	665	81	496	143	123	120	199	357
4 -----	24	27	43	109	6	78	36	31	39	38	42
5 or more -----	—	6	8	16	9	24	20	—	13	13	3
STORIES IN STRUCTURE											
Year-round housing units -----	6 356	4 470	3 551	16 685	3 305	6 030	7 779	3 787	5 022	6 213	8 691
1 to 3 -----	6 356	4 470	3 551	16 648	3 305	6 030	7 774	3 787	5 022	6 113	8 619
4 to 6 -----	—	—	—	37	—	—	5	—	—	100	72
7 to 12 -----	—	—	—	—	—	—	—	—	—	—	—
13 or more -----	—	—	—	—	—	—	—	—	—	—	—
PASSENGER ELEVATOR											
Year-round housing units -----	6 356	4 470	3 551	16 685	3 305	6 030	7 779	3 787	5 022	6 213	8 691
Structures with 4 or more stories -----	—	—	—	37	—	—	5	—	—	100	72
With elevator -----	—	—	—	—	—	—	—	—	—	100	60
UNITS IN STRUCTURE											
Year-round housing units -----	6 356	4 470	3 551	16 685	3 305	6 030	7 779	3 787	5 022	6 213	8 691
1, detached -----	3 781	3 548	2 462	10 573	2 762	4 213	6 995	3 430	3 056	3 949	5 573
1, attached -----	579	62	29	730	326	412	71	29	318	140	207
2 -----	43	55	87	77	19	138	85	82	49	323	207
3 and 4 -----	215	11	24	408	28	170	38	101	126	116	76
5 to 9 -----	831	67	21	1 700	83	245	65	41	103	113	328
10 to 49 -----	388	5	40	1 426	87	281	167	49	753	534	2 022
50 or more -----	18	—	—	75	—	169	18	—	89	208	278
Mobile home or trailer, etc. -----	501	722	888	1 696	—	402	340	55	528	830	—
Owner-occupied housing units -----	4 010	3 624	3 068	11 808	2 939	4 417	6 784	3 144	3 512	4 471	5 578
1, detached -----	3 356	2 905	2 207	9 810	2 595	3 658	6 340	2 993	2 795	3 610	5 234
1, attached -----	96	26	18	196	246	168	36	29	125	33	135
2 -----	13	9	20	15	12	32	34	36	10	81	58
3 and 4 -----	26	5	6	120	22	99	10	17	86	5	23
5 or more -----	92	41	38	180	64	71	60	14	65	7	128
Mobile home or trailer, etc. -----	427	638	779	1 487	—	389	304	55	431	735	—
Renter-occupied housing units -----	2 060	656	365	4 130	255	1 330	772	530	1 234	1 582	2 769
1, detached -----	314	498	184	355	109	461	458	343	197	241	252
1, attached -----	456	32	—	499	31	224	29	—	85	102	64
2 -----	30	46	56	57	7	99	40	34	35	237	128
3 and 4 -----	174	6	6	284	6	67	24	82	18	103	47
5 to 9 -----	666	26	—	1 470	50	162	13	28	49	109	217
10 to 49 -----	355	—	19	1 252	52	209	154	43	693	497	1 818
50 or more -----	18	—	—	75	—	102	18	—	84	201	243
Mobile home or trailer, etc. -----	47	48	88	138	—	6	36	—	73	92	—
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units -----	1 965	619	324	4 046	214	1 196	720	484	1 185	1 545	2 678
1, mobile home or trailer, etc. -----	722	541	231	908	99	557	471	297	306	398	225
Median gross rent -----	\$271	\$264	\$232	\$312	\$386	\$306	\$338	\$245	\$294	\$303	\$381
2 or more -----	1 243	78	93	3 138	115	639	249	187	879	1 147	2 453
Median gross rent -----	\$277	\$229	\$197	\$301	\$322	\$306	\$275	\$224	\$278	\$258	\$289

Table 86a. Structural Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	De Witt township	Emmett township, Calhoun County	Fenton township	Flint township	Frenchtown township	Fruitport township	Gaines township, Kent County	Genesee township	Georgetown township	Grand Blanc township	Green Oak township
YEAR STRUCTURE BUILT											
Year-round housing units	3 595	4 276	4 013	13 857	6 313	3 418	3 417	8 727	7 615	8 600	3 324
1979 to March 1980	118	59	173	325	205	129	180	341	431	325	108
1975 to 1978	468	199	478	1 027	733	305	615	677	1 418	1 128	469
1970 to 1974	574	466	696	2 762	1 048	370	578	1 153	1 557	1 812	583
1960 to 1969	986	982	870	4 975	648	708	908	2 033	2 470	3 166	637
1950 to 1959	550	850	611	2 189	1 463	790	475	2 360	1 146	1 288	737
1940 to 1949	342	579	400	1 200	988	629	270	1 144	228	359	286
1939 or earlier	557	1 141	785	1 379	1 228	487	391	1 019	365	522	504
Owner-occupied housing units	2 953	3 371	3 328	9 289	4 542	2 992	2 927	7 117	6 750	6 168	2 681
1979 to March 1980	103	29	145	175	181	100	120	297	312	203	89
1975 to 1978	405	186	445	642	419	291	515	529	1 219	620	426
1970 to 1974	411	368	634	1 618	525	326	509	915	1 374	1 071	475
1960 to 1969	907	762	754	3 137	529	638	825	1 735	2 283	2 456	458
1950 to 1959	471	643	472	1 667	1 185	721	421	1 960	1 068	1 108	609
1940 to 1949	266	415	275	922	725	512	228	839	189	315	236
1939 or earlier	390	968	603	1 128	978	404	309	842	305	395	388
Renter-occupied housing units	487	740	485	3 913	1 423	325	403	1 188	698	1 988	512
1979 to March 1980	5	—	3	90	4	—	34	19	58	104	4
1975 to 1978	39	9	21	323	270	2	85	68	166	386	25
1970 to 1974	124	83	56	1 038	476	27	68	186	150	586	102
1960 to 1969	64	184	89	1 554	80	55	68	245	164	604	147
1950 to 1959	47	180	74	463	169	63	33	284	61	156	106
1940 to 1949	65	157	87	226	205	114	36	244	39	35	42
1939 or earlier	143	127	155	219	219	64	79	142	60	117	86
BEDROOMS											
Year-round housing units	3 595	4 276	4 013	13 857	6 313	3 418	3 417	8 727	7 615	8 600	3 324
None	57	29	19	106	23	2	11	40	8	23	17
1	177	412	218	1 456	664	104	148	455	255	906	135
2	1 192	1 698	981	5 438	2 330	939	1 245	3 185	1 253	1 851	908
3	1 672	1 648	1 951	5 186	2 622	1 922	1 385	4 066	4 644	3 898	1 507
4	418	422	683	1 464	542	400	556	827	1 258	1 730	619
5 or more	79	67	161	207	132	51	72	154	197	192	138
Owner-occupied housing units	2 953	3 371	3 328	9 289	4 542	2 992	2 927	7 117	6 750	6 168	2 681
None	—	6	8	—	—	—	5	—	—	6	7
1	91	167	116	265	124	46	81	140	145	42	43
2	884	1 253	592	2 791	1 523	781	1 073	2 372	792	746	561
3	1 510	1 482	1 812	4 652	2 348	1 749	1 303	3 605	4 413	3 512	1 376
4	389	396	659	1 381	454	370	514	784	1 216	1 683	578
5 or more	79	67	141	200	88	46	51	142	184	179	116
Renter-occupied housing units	487	740	485	3 913	1 423	325	403	1 188	698	1 988	512
None	37	15	11	102	18	2	—	19	8	17	10
1	61	212	91	1 019	491	47	65	233	97	767	87
2	260	369	289	2 309	657	139	225	588	404	864	251
3	117	118	66	408	139	113	57	302	146	308	101
4	12	26	14	68	74	19	35	34	30	26	41
5 or more	—	—	14	7	44	5	21	12	13	6	22
STORIES IN STRUCTURE											
Year-round housing units	3 595	4 276	4 013	13 857	6 313	3 418	3 417	8 727	7 615	8 600	3 324
1 to 3	3 595	4 276	4 013	13 633	6 164	3 418	3 417	8 727	7 615	8 595	3 321
4 to 6	—	—	—	6	6	—	—	—	—	—	3
7 to 12	—	—	—	192	143	—	—	—	—	5	—
13 or more	—	—	—	26	—	—	—	—	—	—	—
PASSENGER ELEVATOR											
Year-round housing units	3 595	4 276	4 013	13 857	6 313	3 418	3 417	8 727	7 615	8 600	3 324
Structures with 4 or more stories	—	—	—	224	149	—	—	—	—	5	3
With elevator	—	—	—	218	149	—	—	—	—	5	—
UNITS IN STRUCTURE											
Year-round housing units	3 595	4 276	4 013	13 857	6 313	3 418	3 417	8 727	7 615	8 600	3 324
1, detached	2 520	3 522	3 509	8 828	4 476	3 259	2 498	6 803	6 570	6 382	2 902
1, attached	53	27	56	327	42	—	50	63	271	151	33
2	94	71	166	96	54	70	174	55	225	81	87
3 and 4	24	27	120	343	17	23	16	44	256	57	57
5 to 9	64	48	38	855	61	22	20	77	229	452	4
10 to 49	67	121	—	1 695	312	—	—	41	229	1 134	132
50 or more	—	—	—	452	491	—	—	25	41	26	—
Mobile home or trailer, etc.	773	460	124	1 261	860	44	659	1 496	6	118	109
Owner-occupied housing units	2 953	3 371	3 328	9 289	4 542	2 992	2 927	7 117	6 750	6 168	2 681
1, detached	2 267	3 067	3 127	7 862	3 678	2 929	2 258	5 822	6 306	5 914	2 516
1, attached	23	9	37	179	28	—	22	41	185	60	25
2	21	14	69	22	14	15	40	20	42	48	35
3 and 4	17	—	21	83	—	8	—	33	17	51	10
5 or more	—	24	10	73	30	—	—	194	29	16	16
Mobile home or trailer, etc.	625	257	64	1 070	792	40	607	1 151	6	66	79
Renter-occupied housing units	487	740	485	3 913	1 423	325	403	1 188	698	1 988	512
1, detached	190	358	239	797	574	232	184	744	167	347	281
1, attached	30	18	18	120	10	—	28	22	68	85	—
2	50	53	84	71	40	52	126	35	174	33	44
3 and 4	19	24	77	248	17	15	16	115	25	178	47
5 to 9	54	24	19	711	55	22	14	51	102	368	4
10 to 49	30	93	—	1 406	274	—	—	23	147	919	106
50 or more	—	—	—	435	403	—	—	19	15	26	—
Mobile home or trailer, etc.	114	170	48	125	50	4	35	179	—	32	30
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	463	716	452	3 877	1 336	273	344	1 181	671	1 927	451
1, mobile home or trailer, etc.	310	522	272	1 006	547	184	188	938	208	403	250
Median gross rent	\$266	\$229	\$299	\$271	\$294	\$232	\$289	\$266	\$280	\$334	\$344
2 or more	153	194	180	2 871	789	89	156	243	463	1 524	201
Median gross rent	\$218	\$212	\$231	\$292	\$253	\$242	\$294	\$240	\$277	\$313	\$293

Table 86a. Structural Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Can.

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

Towns/Townships	Hamburg township	Hampton township	Harrison township	Highland township, Oakland County	Holland township, Ottawa County	Independence township	Kalamazoo township	Lansing township	Leoni township	Lincoln township, Berrien County	Macomb township
YEAR STRUCTURE BUILT											
Year-round housing units	3 969	3 887	9 318	5 468	4 729	6 848	8 622	4 437	4 958	5 000	4 951
1979 to March 1980	338	94	459	414	209	338	356	21	88	129	902
1975 to 1978	818	936	1 635	1 242	597	908	343	301	199	572	1 733
1970 to 1974	747	938	1 739	1 516	838	1 069	741	359	668	1 143	750
1960 to 1969	626	746	2 200	605	1 127	1 805	1 990	1 163	988	1 846	391
1950 to 1959	448	438	1 374	735	819	1 765	2 294	1 501	1 001	526	542
1940 to 1949	408	311	720	324	508	393	1 260	518	732	270	235
1939 or earlier	584	424	1 191	632	631	570	1 638	574	1 282	514	398
Owner-occupied housing units	3 219	2 301	5 773	4 820	3 736	5 771	5 749	2 360	4 195	3 469	4 391
1979 to March 1980	238	70	254	336	145	297	66	—	82	80	666
1975 to 1978	711	307	713	1 179	434	779	135	34	184	303	1 643
1970 to 1974	636	338	1 071	1 396	628	884	337	79	603	816	716
1960 to 1969	527	545	1 646	903	548	1 456	898	547	842	1 336	361
1950 to 1959	374	422	975	553	739	1 560	1 911	986	753	423	521
1940 to 1949	285	225	474	249	400	321	1 083	345	642	191	177
1939 or earlier	448	394	640	559	487	474	1 319	369	1 089	320	307
Renter-occupied housing units	429	1 464	2 904	444	833	881	2 397	1 956	603	1 308	237
1979 to March 1980	—	23	133	15	42	14	152	21	—	35	16
1975 to 1978	40	567	665	22	126	66	200	264	13	246	37
1970 to 1974	62	586	612	82	183	165	353	276	47	278	22
1960 to 1969	74	178	486	45	194	314	947	571	117	430	24
1950 to 1959	45	14	347	160	73	162	347	457	187	83	21
1940 to 1949	92	79	243	55	93	54	159	173	76	64	42
1939 or earlier	116	15	418	65	122	86	239	194	163	172	75
BEDROOMS											
Year-round housing units	3 969	3 887	9 318	5 468	4 729	6 848	8 622	4 437	4 958	5 000	4 951
None	5	—	41	12	22	8	5	50	52	44	6
1	198	700	1 601	173	243	322	972	792	463	320	167
2	1 101	1 443	3 364	1 764	1 546	1 298	3 645	1 759	1 686	1 795	1 478
3	1 862	1 257	3 349	2 718	2 266	3 590	3 161	1 426	2 191	2 096	2 444
4	681	451	839	685	594	1 432	744	352	498	674	787
5 or more	122	36	124	116	58	198	95	58	68	71	69
Owner-occupied housing units	3 219	2 301	5 773	4 820	3 736	5 771	5 749	2 360	4 195	3 469	4 391
None	5	—	—	5	—	—	5	4	12	—	6
1	108	48	318	107	112	35	228	89	303	66	91
2	775	627	1 792	1 461	933	825	2 018	668	1 343	776	1 353
3	1 657	1 193	2 869	2 533	2 096	3 338	2 753	1 215	2 009	1 938	2 262
4	561	397	678	614	543	1 381	660	326	463	619	630
5 or more	113	36	116	100	52	192	85	58	65	70	49
Renter-occupied housing units	429	1 464	2 904	444	833	881	2 397	1 956	603	1 308	237
None	—	—	41	7	22	8	—	29	6	28	—
1	72	616	1 088	51	131	274	664	135	249	42	42
2	216	752	1 284	204	525	410	1 374	1 032	284	871	83
3	71	58	388	119	104	157	310	205	143	113	59
4	70	38	95	47	45	32	77	26	35	46	38
5 or more	—	—	8	16	6	—	9	—	—	1	15
STORIES IN STRUCTURE											
Year-round housing units	3 969	3 887	9 318	5 468	4 729	6 848	8 622	4 437	4 958	5 000	4 951
1 to 3	3 969	3 882	9 042	5 468	4 723	6 848	8 554	4 432	4 958	5 000	4 951
4 to 6	—	5	6	—	6	—	68	5	—	—	—
7 to 12	—	—	263	—	—	—	—	—	—	—	—
13 or more	—	—	7	—	—	—	—	—	—	—	—
PASSENGER ELEVATOR											
Year-round housing units	3 969	3 887	9 318	5 468	4 729	6 848	8 622	4 437	4 958	5 000	4 951
Structures with 4 or more stories	—	5	276	—	6	—	68	5	—	—	—
With elevator	—	—	270	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
Year-round housing units	3 969	3 887	9 318	5 468	4 729	6 848	8 622	4 437	4 958	5 000	4 951
1, detached	3 627	2 191	5 239	4 082	3 540	5 943	5 913	2 609	4 322	3 317	3 458
1, attached	10	159	272	11	11	69	182	149	18	103	22
2	131	41	137	88	210	94	238	201	84	431	24
3 and 4	14	18	235	14	91	73	161	104	69	58	6
5 to 9	23	267	251	89	74	83	228	320	61	27	
10 to 49	5	707	1 933	44	181	415	1 375	856	25	418	11
50 or more	—	224	384	—	—	31	140	68	—	106	—
Mobile home or trailer, etc.	159	280	847	1 140	586	140	385	130	436	506	1 403
Owner-occupied housing units	3 219	2 301	5 773	4 820	3 736	5 771	5 749	2 360	4 195	3 469	4 391
1, detached	3 010	2 000	4 677	3 683	3 159	5 541	5 261	2 141	3 789	2 936	3 025
1, attached	10	—	157	11	8	45	86	22	11	26	10
2	33	17	8	32	40	19	45	50	39	56	6
3 and 4	8	—	134	10	11	5	24	17	13	6	6
5 or more	5	17	108	46	6	26	46	13	6	29	24
Mobile home or trailer, etc.	153	267	689	1 038	512	135	287	117	337	416	1 320
Renter-occupied housing units	429	1 464	2 904	444	833	881	2 397	1 956	603	1 308	237
1, detached	315	145	402	265	310	269	522	446	428	255	152
1, attached	—	146	94	—	—	—	72	102	7	75	12
2	85	24	115	43	152	71	182	135	39	375	18
3 and 4	18	—	90	4	80	68	97	80	56	46	—
5 to 9	6	—	207	48	69	64	199	311	4	42	9
10 to 49	—	645	1 592	39	155	365	1 109	807	—	377	5
50 or more	—	224	321	—	—	31	140	68	—	76	—
Mobile home or trailer, etc.	—	7	83	45	41	—	76	7	69	62	41
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	400	1 404	2 834	384	779	858	2 372	1 932	541	1 245	177
1, mobile home or trailer, etc.	286	238	509	250	323	259	645	531	442	329	145
Median gross rent	\$280	\$256	\$332	\$307	\$260	\$334	\$276	\$311	\$244	\$282	\$300
2 or more	114	1 166	2 325	134	456	599	1 727	1 401	99	916	32
Median gross rent	\$282	\$259	\$304	\$276	\$259	\$331	\$273	\$257	\$193	\$280	\$263

Table 86a. Structural Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Meridian township	Milford township	Monitor township	Monroe township, Monroe County	Mount Morris township	Mundy township	Muskegon township	Niles township	Northville township	Orion township	Oronoko township
YEAR STRUCTURE BUILT											
Year-round housing units -----	11 615	3 406	3 405	4 246	9 165	3 639	5 003	4 719	4 054	7 830	3 423
1979 to March 1980 -----	735	105	54	163	134	206	229	106	371	413	35
1975 to 1978 -----	1 760	392	414	663	382	616	361	308	442	1 299	313
1970 to 1974 -----	2 539	744	496	727	1 172	760	577	577	1 406	1 538	563
1960 to 1969 -----	3 122	589	864	527	2 717	869	952	943	1 058	1 186	917
1950 to 1959 -----	1 979	767	713	693	2 582	587	1 383	1 415	336	1 278	514
1940 to 1949 -----	646	161	390	599	1 181	271	997	621	192	775	268
1939 or earlier -----	834	648	474	874	997	330	504	749	249	1 341	813
Owner-occupied housing units -----	5 889	2 622	3 036	2 983	7 238	3 007	4 011	3 910	3 024	5 938	1 723
1979 to March 1980 -----	347	105	54	130	112	64	104	95	211	322	19
1975 to 1978 -----	650	387	355	260	295	470	288	269	360	808	132
1970 to 1974 -----	872	516	437	556	773	659	337	474	1 138	1 046	236
1960 to 1969 -----	1 444	383	773	447	2 195	809	805	781	660	1 113	485
1950 to 1959 -----	1 667	672	664	558	2 228	497	1 228	1 249	297	1 097	214
1940 to 1949 -----	411	127	328	413	856	234	805	476	162	577	156
1939 or earlier -----	498	432	425	619	779	274	444	566	196	975	481
Renter-occupied housing units -----	5 063	638	292	1 138	1 468	446	872	613	899	1 529	1 530
1979 to March 1980 -----	153	-	-	33	76	76	94	-	116	-	3
1975 to 1978 -----	1 015	-	38	369	76	101	73	28	74	417	175
1970 to 1974 -----	1 590	202	55	158	305	94	235	93	219	438	296
1960 to 1969 -----	1 520	174	78	76	410	42	118	136	386	62	398
1950 to 1959 -----	284	62	38	127	306	73	110	125	39	152	280
1940 to 1949 -----	203	34	50	177	255	12	187	112	19	159	84
1939 or earlier -----	298	166	33	198	116	48	55	119	46	301	294
BEDROOMS											
Year-round housing units -----	11 615	3 406	3 405	4 246	9 165	3 639	5 003	4 719	4 054	7 830	3 423
None -----	228	14	12	22	8	-	8	33	-	25	81
1 -----	1 954	285	136	602	476	236	543	281	356	908	495
2 -----	3 681	914	955	1 569	2 595	822	1 730	1 531	1 130	2 250	1 088
3 -----	3 561	1 570	1 765	1 668	4 863	1 951	2 202	2 325	1 334	3 345	1 129
4 -----	1 793	531	415	338	1 059	523	472	444	1 097	1 113	495
5 or more -----	398	92	122	47	164	107	48	105	137	189	135
Owner-occupied housing units -----	5 889	2 622	3 036	2 983	7 238	3 007	4 011	3 910	3 024	5 938	1 723
None -----	-	-	5	8	8	-	-	18	-	-	2
1 -----	202	46	96	112	232	37	210	127	52	156	41
2 -----	1 096	522	718	1 086	1 885	510	1 362	1 152	664	1 517	290
3 -----	2 616	1 450	1 720	1 428	4 107	1 869	1 997	2 151	1 166	3 070	824
4 -----	1 609	518	388	302	889	499	401	385	1 014	1 019	447
5 or more -----	366	86	109	47	117	92	41	77	128	176	119
Renter-occupied housing units -----	5 063	638	292	1 138	1 468	446	872	613	899	1 529	1 530
None -----	201	14	-	6	-	-	8	15	-	18	79
1 -----	1 610	228	35	435	187	177	304	126	276	668	415
2 -----	2 321	306	203	458	546	184	342	310	449	611	720
3 -----	750	71	30	209	557	62	167	114	143	163	269
4 -----	149	13	19	30	161	12	44	31	31	56	40
5 or more -----	32	6	5	-	17	11	7	17	-	13	7
STORIES IN STRUCTURE											
Year-round housing units -----	11 615	3 406	3 405	4 246	9 165	3 639	5 003	4 719	4 054	7 830	3 423
1 to 3 -----	11 334	3 406	3 405	4 082	9 149	3 639	4 808	4 719	4 044	7 816	3 418
4 to 6 -----	61	-	-	159	16	-	16	-	10	14	5
7 to 12 -----	220	-	-	-	-	-	179	-	-	-	-
13 or more -----	-	-	-	5	-	-	-	-	-	-	-
PASSENGER ELEVATOR											
Year-round housing units -----	11 615	3 406	3 405	4 246	9 165	3 639	5 003	4 719	4 054	7 830	3 423
Structures with 4 or more stories -----	281	-	-	164	16	-	195	-	10	14	5
With elevator -----	255	-	-	159	-	-	195	-	10	-	-
UNITS IN STRUCTURE											
Year-round housing units -----	11 615	3 406	3 405	4 246	9 165	3 639	5 003	4 719	4 054	7 830	3 423
1, detached -----	6 000	2 579	2 882	2 708	7 759	3 035	4 350	3 991	2 265	5 895	1 995
1, attached -----	811	135	19	110	248	83	12	7	939	191	80
2 -----	263	96	57	99	126	57	53	88	69	221	456
3 and 4 -----	311	76	34	160	153	104	39	14	70	299	213
5 to 9 -----	563	97	61	220	156	145	18	104	394	297	85
10 to 49 -----	3 004	184	27	116	117	196	95	95	216	567	538
50 or more -----	405	10	-	179	24	19	265	-	88	18	48
Mobile home or trailer, etc. -----	258	229	325	654	584	-	171	420	13	342	8
Owner-occupied housing units -----	5 889	2 622	3 036	2 983	7 238	3 007	4 011	3 910	3 024	5 938	1 723
1, detached -----	5 192	2 344	2 710	2 303	6 526	2 816	3 822	3 460	2 061	5 294	1 513
1, attached -----	232	27	6	89	73	7	7	7	747	114	21
2 -----	74	22	12	20	38	27	6	41	4	47	153
3 and 4 -----	38	5	7	16	113	81	5	7	-	157	18
5 or more -----	198	14	6	11	40	10	-	37	212	15	18
Mobile home or trailer, etc. -----	155	210	301	627	432	-	171	358	-	311	-
Renter-occupied housing units -----	5 063	638	292	1 138	1 468	446	872	613	899	1 529	1 530
1, detached -----	632	133	111	351	903	147	424	379	122	389	418
1, attached -----	459	108	19	104	143	5	-	-	174	59	59
2 -----	185	74	34	60	84	26	47	27	61	174	268
3 and 4 -----	222	71	27	122	40	23	34	7	70	108	149
5 to 9 -----	429	73	55	203	95	77	18	68	215	235	70
10 to 49 -----	2 668	159	27	109	106	149	84	79	179	536	510
50 or more -----	381	10	-	179	19	19	265	-	68	11	48
Mobile home or trailer, etc. -----	87	10	19	10	78	-	-	53	10	17	8
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units -----	4 898	592	272	1 109	1 351	392	840	556	862	1 492	1 449
1, mobile home or trailer, etc. -----	1 013	205	129	436	1 007	98	392	375	269	428	404
Median gross rent -----	\$319	\$279	\$287	\$277	\$287	\$319	\$243	\$241	\$332	\$319	\$264
2 or more -----	3 885	387	143	673	344	294	448	181	593	1 064	1 045
Median gross rent -----	\$296	\$278	\$269	\$220	\$264	\$319	\$151	\$247	\$341	\$293	\$199

Table 86a. Structural Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Oscoda township	Oshemo township	Oxford township	Park township, Ottawa County	Pittsfield township	Plainfield township, Kent County	Plymouth township	Pontiac township	Saginow township	Shelby township, Macomb County	Southfield township
YEAR STRUCTURE BUILT											
Year-round housing units -----	5 015	5 007	3 677	3 655	5 792	7 098	7 774	5 463	14 537	12 310	5 264
1979 to March 1980 -----	251	468	142	216	174	448	342	50	972	822	76
1975 to 1978 -----	441	931	439	469	759	748	1 395	426	2 040	1 760	180
1970 to 1974 -----	621	1 666	810	736	1 954	1 221	1 532	1 087	3 415	2 560	179
1960 to 1969 -----	1 649	1 045	705	815	1 887	2 164	2 793	1 577	4 175	3 527	1 717
1950 to 1959 -----	1 305	385	467	624	479	1 248	946	940	2 493	2 500	2 306
1940 to 1949 -----	451	154	222	309	149	527	460	671	749	606	481
1939 or earlier -----	297	358	892	486	390	742	306	712	693	535	325
Owner-occupied housing units -----	1 720	2 144	2 739	2 909	1 883	5 646	6 076	3 146	9 184	9 421	4 766
1979 to March 1980 -----	83	103	114	159	64	265	308	38	359	298	46
1975 to 1978 -----	264	338	304	428	284	553	1 292	118	1 117	1 120	146
1970 to 1974 -----	300	485	548	577	332	864	1 078	273	1 241	1 733	166
1960 to 1969 -----	430	517	595	673	439	1 741	1 949	925	2 877	3 161	1 478
1950 to 1959 -----	339	314	393	482	371	1 121	851	719	2 323	2 281	2 170
1940 to 1949 -----	166	114	170	241	107	441	381	514	713	483	449
1939 or earlier -----	138	273	615	349	286	661	217	559	554	345	311
Renter-occupied housing units -----	1 937	2 582	776	390	3 485	1 162	1 505	2 078	4 593	1 952	344
1979 to March 1980 -----	68	288	—	11	66	60	—	—	315	95	—
1975 to 1978 -----	89	580	131	17	421	186	103	299	875	456	28
1970 to 1974 -----	117	1 048	198	93	1 541	316	402	724	1 909	625	13
1960 to 1969 -----	799	488	95	63	1 231	357	771	579	1 167	303	178
1950 to 1959 -----	618	58	60	61	101	109	92	214	152	195	95
1940 to 1949 -----	174	40	52	67	36	63	66	156	36	101	18
1939 or earlier -----	72	80	240	78	89	71	71	106	139	177	12
BEDROOMS											
Year-round housing units -----	5 015	5 007	3 677	3 655	5 792	7 098	7 774	5 463	14 537	12 310	5 264
None -----	25	128	16	38	80	78	6	60	130	18	—
1 -----	562	1 484	548	218	1 774	491	942	779	1 504	608	88
2 -----	1 538	1 626	900	773	2 084	2 153	1 707	2 239	4 349	2 671	758
3 -----	2 402	1 300	1 614	1 728	1 230	3 047	2 729	1 745	6 260	5 910	2 378
4 -----	448	433	480	317	518	1 197	2 158	564	2 026	2 811	1 624
5 or more -----	40	36	119	81	106	132	232	76	268	292	416
Owner-occupied housing units -----	1 720	2 144	2 739	2 909	1 883	5 646	6 076	3 146	9 184	9 421	4 766
None -----	1	—	6	—	—	7	—	7	7	7	—
1 -----	71	81	41	90	50	120	98	65	76	128	26
2 -----	550	553	631	508	310	1 509	1 093	1 026	1 230	971	579
3 -----	849	1 074	1 515	1 519	936	2 754	2 582	1 534	5 669	5 370	2 207
4 -----	213	405	441	711	481	1 131	2 080	448	1 952	2 664	1 545
5 or more -----	36	31	105	81	106	125	223	66	250	281	409
Renter-occupied housing units -----	1 937	2 582	776	390	3 485	1 162	1 505	2 078	4 593	1 952	344
None -----	13	128	6	38	66	58	6	53	123	11	—
1 -----	256	1 319	448	67	1 572	318	786	664	1 263	372	55
2 -----	348	929	218	189	1 592	499	561	1 067	2 706	1 159	159
3 -----	1 116	187	69	49	226	244	107	174	454	357	94
4 -----	200	19	21	47	29	43	36	114	35	42	36
5 or more -----	4	—	14	—	—	—	9	6	12	11	—
STORIES IN STRUCTURE											
Year-round housing units -----	5 015	5 007	3 677	3 655	5 792	7 098	7 774	5 463	14 537	12 310	5 264
1 to 3 -----	5 015	4 770	3 673	3 655	5 757	7 093	7 774	5 452	14 333	12 310	5 254
4 to 6 -----	—	237	4	—	25	—	—	11	9	—	10
7 to 12 -----	—	—	—	—	10	—	—	—	189	—	—
13 or more -----	—	—	—	—	—	5	—	6	—	—	—
PASSENGER ELEVATOR											
Year-round housing units -----	5 015	5 007	3 677	3 655	5 792	7 098	7 774	5 463	14 537	12 310	5 264
Structures with 4 or more stories -----	—	237	4	—	35	5	—	11	204	—	10
With elevator -----	—	197	—	—	10	5	—	5	195	—	—
UNITS IN STRUCTURE											
Year-round housing units -----	5 015	5 007	3 677	3 655	5 792	7 098	7 774	5 463	14 537	12 310	5 264
1, detached -----	3 294	1 988	2 479	3 408	1 968	5 398	5 475	3 187	9 198	9 964	4 927
1, attached -----	150	92	50	24	116	186	328	402	426	232	49
2 -----	393	123	163	72	113	29	62	68	500	104	—
3 and 4 -----	252	148	91	70	118	70	302	83	398	160	33
5 to 9 -----	458	223	90	19	803	190	715	833	1 072	876	124
10 to 49 -----	182	1 734	303	56	2 420	576	441	607	2 105	909	110
50 or more -----	4	323	49	—	108	59	47	40	575	59	21
Mobile home or trailer, etc. -----	282	376	452	6	146	590	404	243	263	6	—
Owner-occupied housing units -----	1 720	2 144	2 739	2 909	1 883	5 646	6 076	3 146	9 184	9 421	4 766
1, detached -----	1 568	1 750	2 249	2 861	1 710	5 037	5 205	2 764	8 739	9 229	4 659
1, attached -----	2	11	30	11	8	31	287	88	93	36	38
2 -----	5	50	37	20	39	22	18	14	102	20	—
3 and 4 -----	3	—	13	5	7	150	—	13	—	22	14
5 or more -----	14	11	20	6	16	33	54	76	49	114	55
Mobile home or trailer, etc. -----	128	322	390	6	105	516	362	204	188	—	—
Renter-occupied housing units -----	1 937	2 582	776	390	3 485	1 162	1 505	2 078	4 593	1 952	344
1, detached -----	651	193	161	238	202	264	189	349	294	482	139
1, attached -----	133	81	20	13	93	143	23	303	320	153	11
2 -----	357	60	119	46	69	7	50	361	76	—	—
3 and 4 -----	231	93	70	59	106	63	130	50	312	138	12
5 to 9 -----	389	207	70	5	756	138	639	730	896	536	90
10 to 49 -----	122	1 602	273	29	2 147	431	407	517	1 902	521	74
50 or more -----	2	318	41	—	78	59	47	40	468	46	18
Mobile home or trailer, etc. -----	52	28	22	—	34	57	33	39	40	—	—
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units -----	1 860	2 515	725	356	3 422	1 065	1 490	1 963	4 529	1 867	328
1, mobile home or trailer, etc. -----	759	235	152	217	266	367	230	576	590	550	134
Median gross rent -----	\$212	\$289	\$264	\$284	\$409	\$290	\$376	\$261	\$352	\$342	\$500+
2 or more -----	1 101	2 280	573	139	3 156	698	1 260	1 387	3 939	1 317	194
Median gross rent -----	\$201	\$223	\$258	\$276	\$319	\$228	\$288	\$310	\$291	\$326	\$495

Table 86a. Structural Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Summit township, Jackson County	Sumpter township	Thomos township	Von Buren township	Vienna township, Genesee County	Washington township, Mocomb County	West Bloomfield township	White Lake township	Ypsilanti township
YEAR STRUCTURE BUILT									
Year-round housing units -----	8 010	3 795	3 550	7 041	4 237	3 305	13 533	7 293	17 256
1979 to March 1980 -----	91	225	158	448	136	235	944	325	740
1975 to 1978 -----	656	672	527	806	659	396	2 625	913	1 709
1970 to 1974 -----	641	863	680	2 301	853	664	2 721	1 891	4 556
1960 to 1969 -----	1 691	563	1 004	1 386	1 952	746	3 623	1 468	4 219
1950 to 1959 -----	1 959	717	504	807	737	336	2 028	1 114	4 132
1940 to 1949 -----	1 179	417	285	715	335	152	663	731	1 083
1939 or earlier -----	1 793	338	392	578	565	776	929	851	817
Owner-occupied housing units -----	6 431	3 220	3 080	4 509	3 322	2 532	12 078	6 219	9 390
1979 to March 1980 -----	77	195	153	266	96	90	607	286	307
1975 to 1978 -----	349	608	508	470	407	386	2 461	853	816
1970 to 1974 -----	316	796	521	1 254	603	544	2 373	1 669	1 520
1960 to 1969 -----	1 524	486	883	730	792	555	3 424	1 220	1 975
1950 to 1959 -----	1 697	563	403	737	688	280	1 817	867	3 368
1940 to 1949 -----	966	315	249	635	281	119	555	578	784
1939 or earlier -----	1 502	257	363	417	455	558	841	746	620
Renter-occupied housing units -----	1 334	376	365	2 192	679	546	799	818	6 772
1979 to March 1980 -----	8	—	5	122	29	—	48	—	282
1975 to 1978 -----	294	22	6	299	138	6	101	45	801
1970 to 1974 -----	290	28	103	860	198	111	218	155	2 498
1960 to 1969 -----	127	32	91	641	128	176	117	213	2 014
1950 to 1959 -----	235	119	98	56	44	56	171	190	721
1940 to 1949 -----	183	102	36	70	54	27	64	135	267
1939 or earlier -----	197	73	26	144	88	170	80	80	189
BEDROOMS									
Year-round housing units -----	8 010	3 795	3 550	7 041	4 237	3 305	13 533	7 293	17 256
None -----	31	5	15	37	6	—	7	50	167
1 -----	444	156	171	955	445	289	210	405	2 576
2 -----	2 472	1 542	907	2 571	992	641	1 912	2 287	6 320
3 -----	3 526	1 742	1 876	2 533	2 223	1 347	5 119	3 362	6 538
4 -----	1 346	291	545	861	471	894	5 554	1 019	1 486
5 or more -----	191	59	36	84	100	134	731	170	169
Owner-occupied housing units -----	6 431	3 220	3 080	4 509	3 322	2 532	12 078	6 219	9 390
None -----	11	—	—	—	6	—	7	12	—
1 -----	202	79	132	117	103	52	108	170	162
2 -----	1 627	1 295	643	1 212	593	355	1 427	1 750	2 041
3 -----	3 180	1 565	1 761	2 322	2 075	1 196	4 713	3 171	5 657
4 -----	1 234	236	513	787	451	806	5 152	963	1 393
5 or more -----	177	45	31	71	94	123	671	153	137
Renter-occupied housing units -----	1 334	376	365	2 192	679	546	799	818	6 772
None -----	20	5	15	37	—	—	—	25	145
1 -----	217	72	30	759	214	146	88	193	2 141
2 -----	783	144	203	1 151	362	217	351	416	3 696
3 -----	245	96	88	193	91	119	203	133	688
4 -----	58	45	24	46	6	53	152	34	80
5 or more -----	11	14	5	6	6	11	5	17	22
STORIES IN STRUCTURE									
Year-round housing units -----	8 010	3 795	3 550	7 041	4 237	3 305	13 533	7 293	17 256
1 to 3 -----	7 986	3 795	3 542	7 037	4 237	3 305	13 533	7 288	16 766
4 to 6 -----	24	—	8	—	—	—	—	5	22
7 to 12 -----	—	—	—	—	—	—	—	—	468
13 or more -----	—	—	—	4	—	—	—	—	—
PASSENGER ELEVATOR									
Year-round housing units -----	8 010	3 795	3 550	7 041	4 237	3 305	13 533	7 293	17 256
Structures with 4 or more stories -----	24	—	8	4	—	—	—	5	490
With elevator -----	—	—	—	4	—	—	—	—	468
UNITS IN STRUCTURE									
Year-round housing units -----	8 010	3 795	3 550	7 041	4 237	3 305	13 533	7 293	17 256
1, detached -----	6 936	2 305	3 004	3 915	3 497	2 637	11 692	5 853	8 946
1, attached -----	131	22	25	272	35	159	742	22	742
2 -----	87	78	41	45	53	88	37	52	180
3 and 4 -----	196	39	24	205	82	34	116	37	484
5 to 9 -----	124	28	67	226	46	148	557	66	1 841
10 to 49 -----	387	—	229	1 431	191	95	74	216	3 471
50 or more -----	18	—	6	162	178	30	6	24	677
Mobile home or trailer, etc. -----	131	1 323	154	785	155	114	—	944	915
Owner-occupied housing units -----	6 431	3 220	3 080	4 509	3 322	2 532	12 078	6 219	9 390
1, detached -----	6 233	1 997	2 754	3 506	3 192	2 361	10 772	5 331	7 883
1, attached -----	—	7	5	139	29	—	828	17	254
2 -----	30	22	10	26	13	39	23	10	43
3 and 4 -----	19	19	—	70	17	5	109	—	113
5 or more -----	22	15	157	66	28	19	346	21	324
Mobile home or trailer, etc. -----	127	1 160	154	702	43	108	—	840	773
Renter-occupied housing units -----	1 334	376	365	2 192	679	546	799	818	6 772
1, detached -----	513	210	205	339	234	208	448	357	865
1, attached -----	123	15	20	102	6	17	116	5	417
2 -----	41	56	31	19	35	43	12	42	113
3 and 4 -----	177	20	24	115	60	29	41	116	358
5 to 9 -----	94	13	53	153	21	148	156	54	1 558
10 to 49 -----	364	—	32	1 258	147	69	26	174	2 795
50 or more -----	18	—	—	147	69	26	—	24	565
Mobile home or trailer, etc. -----	4	62	—	59	107	6	—	46	101
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing units -----	1 290	268	309	2 087	645	505	731	786	6 637
1, mobile home or trailer, etc. -----	596	179	169	395	313	190	496	376	1 248
Median gross rent -----	\$277	\$307	\$289	\$334	\$280	\$338	\$500+	\$340	\$331
2 or more -----	694	89	140	1 692	332	315	235	410	5 389
Median gross rent -----	\$286	\$222	\$276	\$367	\$260	\$271	\$427	\$287	\$296

Table 87. **Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 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]

Places	Adrian city	Albion city	Allen Park city	Alpena city	Beecher (CDP)	Berkley city	Beverly Hills village	Big Rapids city	Birmingham city	Burton city	Cadillac city	Clawson city
Year-round housing units -----	7 642	3 789	12 135	4 840	5 524	6 747	4 092	3 359	9 301	10 626	4 084	5 509
Complete kitchen facilities -----	7 464	3 735	12 045	4 823	5 456	6 727	4 087	3 339	9 271	10 504	4 015	5 480
BATHROOMS												
No bathroom or only a half bath -----	232	108	24	41	107	32	11	91	10	112	73	21
1 complete bathroom -----	5 605	2 656	6 579	3 436	4 202	4 900	416	2 576	3 935	7 924	2 921	3 716
1 complete bathroom plus half bath(s) -----	1 034	637	3 607	845	955	1 136	1 244	336	2 302	1 692	636	1 365
2 or more complete bathrooms -----	771	388	1 925	518	260	679	2 421	356	3 054	898	454	407
SOURCE OF WATER												
Public system or private company -----	7 594	3 671	12 135	4 835	5 451	6 741	3 801	3 063	9 274	4 500	3 603	5 509
Individual drilled well -----	48	118	—	5	67	—	269	290	27	5 893	459	—
Individual dug well -----	—	—	—	—	—	6	22	6	—	225	22	—
Some other source -----	—	—	—	—	6	—	—	—	—	8	—	—
SEWAGE DISPOSAL												
Public sewer -----	7 542	3 727	12 121	4 827	5 384	6 742	4 039	3 253	9 260	9 470	3 764	5 502
Septic tank or cesspool -----	74	51	7	13	120	—	48	106	37	1 145	317	7
Other means -----	26	11	7	—	20	5	5	—	4	11	3	—
AIR CONDITIONING												
None -----	4 833	3 072	3 946	4 642	4 488	3 547	1 616	2 855	3 740	7 251	3 729	2 509
Central system -----	884	192	3 889	26	224	637	1 562	117	2 286	1 095	65	904
1 or more individual room units -----	1 925	525	4 300	172	812	2 563	914	387	3 275	2 280	290	2 096
HEATING EQUIPMENT												
Year-round housing units -----	7 642	3 789	12 135	4 840	5 524	6 747	4 092	3 359	9 301	10 626	4 084	5 509
Steam or hot water system -----	1 063	413	593	1 083	240	399	504	630	1 273	1 226	567	523
Central worm-air furnace -----	5 709	2 805	11 199	3 416	4 175	6 073	3 473	1 828	7 767	7 897	2 810	4 465
Electric heat pump -----	41	22	35	28	27	5	20	24	38	22	31	44
Other built-in electric units -----	101	47	152	74	74	40	26	231	98	227	102	199
Floor, wall, or pipeless furnace -----	162	131	48	21	318	63	50	238	57	459	168	96
Room heaters with flue -----	450	285	84	133	509	92	13	314	56	582	248	114
Room heaters without flue -----	77	62	12	38	120	63	—	60	8	86	57	32
Fireplaces, stoves, or portable room heaters -----	39	24	6	47	41	6	6	34	4	120	101	36
None -----	—	—	6	—	20	6	—	—	—	7	—	—
Owner-occupied housing units -----	4 539	2 063	10 536	3 361	3 724	5 802	3 656	1 414	6 294	8 369	2 697	4 083
Steam or hot water system -----	296	161	375	724	157	215	472	147	785	706	307	133
Central worm-air furnace -----	3 834	1 668	9 993	2 439	2 865	5 390	3 111	962	5 434	6 655	2 045	3 805
Electric heat pump -----	—	8	6	5	17	5	13	—	19	—	—	11
Other built-in electric units -----	—	6	38	30	3	10	17	—	19	—	—	—
Floor, wall, or pipeless furnace -----	73	62	40	6	205	43	6	113	21	347	69	50
Room heaters with flue -----	264	135	70	97	343	79	—	133	21	399	168	55
Room heaters without flue -----	40	18	8	13	89	54	—	25	8	56	17	13
Fireplaces, stoves, or portable room heaters -----	32	5	6	47	10	6	—	34	—	97	74	16
None -----	—	—	6	—	—	—	—	—	—	7	—	—
Renter-occupied housing units -----	2 702	1 464	1 458	1 213	1 321	868	314	1 850	2 685	1 930	1 125	1 337
Steam or hot water system -----	673	206	266	266	57	184	19	454	422	443	239	365
Central worm-air furnace -----	1 612	968	1 094	828	964	613	257	820	2 077	1 022	567	604
Electric heat pump -----	36	14	29	23	6	—	7	24	32	22	27	33
Other built-in electric units -----	101	19	97	39	36	30	5	231	79	114	85	195
Floor, wall, or pipeless furnace -----	70	62	5	15	97	20	7	105	36	107	87	46
Room heaters with flue -----	171	138	14	22	111	6	13	181	35	169	57	59
Room heaters without flue -----	32	38	4	20	31	9	—	35	—	30	40	19
Fireplaces, stoves, or portable room heaters -----	7	19	—	—	19	—	—	6	—	23	23	16
None -----	—	—	6	—	—	6	—	—	—	—	—	—
Occupied housing units -----	7 241	3 527	11 994	4 574	5 045	6 670	3 970	3 264	8 979	10 299	3 822	5 420
No telephone -----	413	297	77	222	392	58	—	76	34	321	228	60
VEHICLES AVAILABLE												
Total:												
None -----	800	611	555	642	648	403	85	411	476	654	566	468
1 -----	3 273	1 610	3 845	1 952	2 106	2 301	919	1 442	3 438	3 673	1 768	1 748
2 -----	2 409	1 006	5 050	1 450	1 489	2 781	2 037	975	3 763	3 811	1 065	2 066
3 or more -----	759	300	2 544	802	802	1 185	929	436	1 302	2 161	423	1 138
Automobiles:												
None -----	928	647	670	784	742	481	85	429	530	1 042	677	539
1 -----	3 964	1 897	4 547	2 478	2 581	2 799	1 010	1 639	3 655	5 142	2 171	2 150
2 -----	1 972	796	4 981	1 132	1 325	2 673	2 074	889	3 724	3 182	786	1 972
3 or more -----	377	187	1 796	180	397	717	801	307	1 070	933	188	759
Trucks or vans:												
None -----	5 782	2 987	10 038	3 356	3 829	5 427	3 639	2 847	8 314	6 633	2 945	4 255
1 -----	1 380	532	1 821	1 176	1 110	1 149	294	386	612	3 311	822	1 089
2 -----	73	8	135	42	87	84	25	27	53	311	45	76
3 or more -----	6	—	—	—	19	10	12	4	—	44	10	—
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units -----	4 539	2 063	10 536	3 361	3 724	5 802	3 656	1 414	6 294	8 369	2 697	4 083
1979 to March 1980 -----	469	189	657	338	372	614	381	217	612	862	280	308
1975 to 1978 -----	1 180	426	1 634	634	828	1 429	895	407	1 532	1 729	618	784
1970 to 1974 -----	827	267	438	725	828	1 243	623	125	1 243	398	753	753
1960 to 1969 -----	958	425	2 444	569	1 134	1 015	1 074	250	1 561	2 243	582	1 077
1950 to 1959 -----	553	348	3 425	649	487	1 029	608	178	938	1 309	302	934
1949 or earlier -----	552	408	945	733	178	907	75	237	408	952	517	227
Renter-occupied housing units -----	2 702	1 464	1 458	1 213	1 321	868	314	1 850	2 685	1 930	1 125	1 337
1979 to March 1980 -----	1 280	643	514	696	621	274	107	1 201	1 034	872	651	552
1975 to 1978 -----	989	525	509	297	521	469	69	489	1 031	791	290	415
1970 to 1974 -----	267	182	263	162	109	78	51	90	280	165	96	284
1960 to 1969 -----	118	49	114	39	45	36	87	50	271	30	71	76
1959 or earlier -----	48	65	58	19	25	11	—	20	69	72	17	10
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	1 624	769	2 491	1 326	597	1 342	780	616	2 023	1 792	1 027	1 022
Owner-occupied housing units -----	1 149	556	2 105	1 107	531	1 072	622	422	1 364	1 516	814	671
Lacking complete plumbing for exclusive use -----	34	18	—	10	9	—	6	4	—	30	—	—
No complete kitchen facilities -----	21	—	40	11	13	8	—	—	9	7	18	6
No vehicle available -----	466	224	484	389	77	296	85	161	376	332	332	369
No telephone -----	41	14	13	41	18	11	—	5	—	26	34	—
Lacking central heating system -----	125	56	27	62	116	68	19	92	12	105	89	30
Lacking air conditioning -----	950	635	950	1 300	447	698	276	560	789	1 271	932	592

Table 87. **Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 1980—Con.**

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

Places	East Detroit city	East Grand Rapids city	Ecorse city	Esconbo city	Formington city	Ferndale city	Fraser city	Garden City city	Grand Haven city	Grandville city
Year-round housing units	13 456	3 825	5 394	5 841	4 595	10 167	4 832	11 329	4 770	4 273
Complete kitchen facilities	13 368	3 820	5 316	5 726	4 573	10 069	4 779	11 286	4 718	4 247
BATHROOMS										
No bathroom or only a half bath	41	—	173	140	41	86	31	30	100	6
1 complete bathroom	8 184	688	4 120	3 990	1 973	8 291	2 291	7 890	3 098	2 191
1 complete bathroom plus half bath(s)	3 900	1 207	683	1 005	1 153	1 210	2 063	2 234	957	1 243
2 or more complete bathrooms	1 331	1 930	418	706	1 428	580	447	1 175	615	833
SOURCE OF WATER										
Public system or private company	13 456	3 825	5 394	5 785	4 589	10 161	4 713	11 324	4 673	4 106
Individual drilled well	—	—	—	47	6	6	89	5	90	146
Individual dug well	—	—	—	9	—	—	30	—	7	21
Some other source	—	—	—	—	—	—	—	—	—	—
SEWAGE DISPOSAL										
Public sewer	13 456	3 825	5 354	5 774	4 588	10 161	4 547	11 296	4 520	3 629
Septic tank or cesspool	—	—	20	52	7	6	285	22	240	638
Other means	—	—	20	15	—	—	—	11	10	6
AIR CONDITIONING										
None	6 532	1 877	3 471	5 613	1 399	5 570	2 510	5 556	4 002	2 667
Central system	2 523	881	478	54	2 093	580	1 197	1 864	286	416
1 or more individual room units	4 401	1 067	1 445	174	1 103	4 017	1 125	3 909	482	1 190
HEATING EQUIPMENT										
Year-round housing units	13 456	3 825	5 394	5 841	4 595	10 167	4 832	11 329	4 770	4 273
Steam or hot water system	1 167	477	668	1 593	639	1 033	207	771	433	447
Central warm-air furnace	11 635	3 308	3 821	3 221	3 736	8 384	4 384	9 982	3 659	3 508
Electric heat pump	24	—	5	18	40	40	33	14	29	8
Other built-in electric units	125	—	41	314	67	98	98	89	250	62
Floor, wall, or pipeless furnace	249	10	254	28	32	201	50	151	69	65
Room heaters with flue	207	25	485	533	61	342	60	255	262	103
Room heaters without flue	36	—	91	76	7	26	—	30	41	34
Fireplaces, stoves, or portable room heaters	13	5	23	40	7	28	—	37	27	39
None	—	—	3	18	6	15	—	—	—	7
Owner-occupied housing units	11 917	3 454	3 151	3 559	2 967	7 383	3 272	9 885	3 042	3 351
Steam or hot water system	712	387	310	894	376	484	179	458	252	173
Central warm-air furnace	10 772	3 042	2 437	2 257	2 501	6 422	3 001	8 979	2 622	2 991
Electric heat pump	12	—	5	6	23	23	6	—	—	8
Other built-in electric units	24	—	—	44	48	34	35	41	7	10
Floor, wall, or pipeless furnace	163	5	152	10	6	134	20	121	39	47
Room heaters with flue	189	15	222	312	24	234	37	224	104	56
Room heaters without flue	32	—	15	11	—	18	—	19	6	27
Fireplaces, stoves, or portable room heaters	13	5	10	25	7	28	—	37	12	39
None	—	—	—	—	—	6	—	—	—	—
Renter-occupied housing units	1 385	300	1 925	1 974	1 529	2 523	1 472	1 346	1 442	803
Steam or hot water system	446	71	272	670	257	526	28	313	152	272
Central warm-air furnace	729	214	1 210	776	1 142	1 752	1 322	913	835	421
Electric heat pump	12	—	5	12	35	17	6	8	29	—
Other built-in electric units	101	—	41	243	19	58	63	48	243	45
Floor, wall, or pipeless furnace	75	5	98	18	26	60	30	30	30	18
Room heaters with flue	18	10	228	185	37	97	23	23	112	40
Room heaters without flue	4	—	63	61	7	8	—	11	35	7
Fireplaces, stoves, or portable room heaters	—	—	13	9	—	—	—	—	6	—
None	—	—	—	—	6	5	—	—	—	—
Occupied housing units	13 302	3 754	5 076	5 533	4 496	9 906	4 744	11 231	4 484	4 154
No telephone	123	6	439	273	26	225	51	83	188	49
VEHICLES AVAILABLE										
Total:										
None	955	98	950	800	314	1 002	250	391	380	166
1	4 696	1 004	2 219	2 400	1 669	4 174	1 475	3 054	2 044	1 286
2	5 016	1 953	1 347	1 602	1 768	3 336	1 913	4 824	1 507	1 881
3 or more	2 635	699	560	731	745	1 394	1 106	2 962	553	821
Automobiles:										
None	1 054	119	1 012	978	324	1 123	295	565	457	277
1	5 535	1 079	2 534	2 967	1 869	4 975	1 784	4 095	2 399	1 576
2	4 791	1 992	1 207	1 272	1 743	3 057	1 893	4 676	1 324	1 797
3 or more	1 922	564	323	316	560	751	772	1 895	304	504
Trucks or vans:										
None	11 179	3 438	4 321	4 129	3 978	8 061	3 795	8 289	3 659	3 222
1	1 968	297	743	1 309	472	1 718	913	2 696	763	878
2	146	7	12	90	46	127	30	62	62	41
3 or more	9	12	—	5	—	—	6	19	—	13
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	11 917	3 454	3 151	3 559	2 967	7 383	3 272	9 885	3 042	3 351
1979 to March 1980	931	321	262	303	208	720	355	616	427	264
1975 to 1978	2 097	926	354	727	964	1 440	843	1 911	729	909
1970 to 1974	1 486	693	305	587	568	1 082	663	1 383	465	558
1960 to 1969	2 596	784	783	672	762	1 438	813	2 541	541	939
1950 to 1959	3 446	503	728	591	377	1 228	511	2 965	534	441
1949 or earlier	1 361	227	719	679	88	1 475	87	469	346	240
Renter-occupied housing units	1 385	300	1 925	1 974	1 529	2 523	1 472	1 346	1 442	803
1979 to March 1980	420	112	709	866	387	1 003	659	560	794	369
1975 to 1978	469	124	604	693	652	982	560	560	454	342
1970 to 1974	231	18	333	270	429	269	212	103	112	68
1960 to 1969	161	30	180	101	55	162	41	75	61	19
1959 or earlier	104	16	99	44	6	107	—	48	21	5
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	3 405	726	1 161	1 588	1 325	2 446	657	1 398	1 037	680
Owner-occupied housing units	2 984	645	971	978	549	2 034	394	1 132	780	602
Lacking complete plumbing for exclusive use	—	—	18	23	12	5	—	—	18	—
No complete kitchen facilities	19	—	6	12	5	13	6	16	—	8
No vehicle available	764	89	403	469	294	682	204	251	259	118
No telephone	13	—	36	34	11	25	23	17	5	—
Lacking central heating system	71	—	141	106	24	142	13	88	42	43
Lacking air conditioning	1 721	322	694	1 535	251	1 268	384	713	827	500

Table 87. Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 1980—Con.

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

Places	Grosse Pointe Farms city	Grosse Pointe Park city	Grosse Pointe Woods city	Hamtramck city	Harper Woods city	Hazel Park city	Highland Park city	Holland city	Holt (CDP)	Inkster city
Year-round housing units	3 869	4 990	6 658	10 300	6 595	7 693	11 727	9 627	3 794	12 247
Complete kitchen facilities	3 869	4 955	6 640	9 976	6 580	7 616	11 155	9 506	3 753	12 159
BATHROOMS										
No bathroom or only a half bath	—	30	—	655	32	103	498	190	33	168
1 complete bathroom	472	1 627	1 546	8 591	4 220	6 600	8 689	5 946	2 588	9 479
1 complete bathroom plus half bath(s)	1 371	1 117	2 442	648	1 396	597	1 842	2 218	740	1 850
2 or more complete bathrooms	2 026	2 216	2 670	406	947	393	698	1 273	433	750
SOURCE OF WATER										
Public system or private company	3 869	4 990	6 651	10 293	6 588	7 693	11 727	8 465	3 467	12 247
Individual drilled well	—	—	7	7	—	—	—	1 060	327	—
Individual dug well	—	—	—	—	—	—	—	92	—	—
Some other source	—	—	—	—	7	—	—	10	—	—
SEWAGE DISPOSAL										
Public sewer	3 861	4 979	6 642	10 235	6 591	7 654	11 364	8 625	3 660	12 176
Septic tank or cesspool	—	11	16	17	—	28	252	984	127	43
Other means	8	—	—	48	4	11	111	18	7	28
AIR CONDITIONING										
None	1 364	2 402	2 121	7 273	2 520	4 361	8 589	7 084	2 215	6 554
Central system	1 165	668	2 418	212	1 500	508	973	1 191	364	1 937
1 or more individual room units	1 340	1 920	2 119	2 815	2 575	2 824	2 165	1 352	1 215	3 756
HEATING EQUIPMENT										
Year-round housing units	3 869	4 990	6 658	10 300	6 595	7 693	11 727	9 627	3 794	12 247
Steam or hot water system	686	1 939	3 339	3 436	346	513	5 180	764	294	786
Central warm-air furnace	3 145	2 983	6 254	5 010	6 007	5 871	5 249	8 290	2 784	10 000
Electric heat pump	—	7	—	26	10	24	132	55	188	141
Other built-in electric units	31	4	12	55	32	295	185	77	290	428
Floor, wall, or pipeless furnace	—	13	—	409	43	603	340	61	91	251
Room heaters with flue	7	34	24	1 068	130	331	559	283	90	471
Room heaters without flue	—	10	—	180	27	35	75	65	37	100
Fireplaces, stoves, or portable room heaters	—	—	11	116	—	21	—	28	20	62
None	—	—	5	—	—	—	—	4	—	8
Owner-occupied housing units	3 581	3 467	6 247	4 943	5 418	5 664	3 691	6 563	2 387	7 613
Steam or hot water system	577	1 369	304	1 682	260	354	1 460	289	74	335
Central warm-air furnace	2 983	2 074	5 889	2 692	4 960	4 611	1 940	6 043	2 156	6 717
Electric heat pump	—	—	7	9	—	—	26	12	18	39
Other built-in electric units	21	—	12	11	23	27	20	31	54	29
Floor, wall, or pipeless furnace	—	4	—	135	43	424	43	29	32	138
Room heaters with flue	—	20	24	349	113	176	167	121	44	252
Room heaters without flue	—	—	—	45	19	29	28	34	12	41
Fireplaces, stoves, or portable room heaters	—	—	11	20	—	21	—	15	20	37
None	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	210	1 367	342	4 259	1 111	1 625	6 613	2 625	1 295	4 140
Steam or hot water system	79	474	35	1 319	86	150	3 028	434	217	413
Central warm-air furnace	124	849	296	1 811	986	910	2 764	1 864	564	2 902
Electric heat pump	—	7	—	17	10	24	106	43	128	102
Other built-in electric units	—	4	—	40	9	225	143	52	259	362
Floor, wall, or pipeless furnace	—	9	—	244	—	155	251	29	56	96
Room heaters with flue	7	14	—	625	17	155	274	155	46	195
Room heaters without flue	—	10	6	113	3	6	40	31	25	53
Fireplaces, stoves, or portable room heaters	—	—	—	90	—	—	—	13	—	17
None	—	—	5	—	—	—	7	4	—	—
Occupied housing units	3 791	4 834	6 589	9 202	6 529	7 289	10 304	9 188	3 682	11 753
No telephone	5	14	12	750	20	323	1 191	438	65	434
VEHICLES AVAILABLE										
Total:										
None	84	289	184	2 836	603	652	4 328	877	235	1 421
1	1 147	1 698	1 870	4 269	2 927	3 026	4 108	3 771	1 369	4 750
2	1 977	2 001	3 240	1 614	2 050	2 423	1 481	3 245	1 427	3 870
3 or more	583	846	1 295	483	949	1 188	3 287	1 295	651	1 712
Automobiles:										
None	92	316	190	2 948	641	788	4 396	951	279	1 590
1	1 225	1 811	2 073	4 484	3 147	3 720	4 317	4 378	1 868	5 577
2	1 971	1 972	3 215	1 481	2 022	2 126	1 338	3 018	1 268	3 500
3 or more	503	735	1 111	289	719	655	253	841	267	1 086
Trucks or vans:										
None	3 537	4 432	6 112	8 503	5 879	5 686	9 783	7 838	2 626	9 828
1	238	383	441	681	602	1 465	494	1 218	1 012	1 806
2	16	19	36	18	29	127	27	118	44	102
3 or more	—	—	—	—	19	11	—	14	—	17
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	3 581	3 467	6 247	4 943	5 418	5 664	3 691	6 563	2 387	7 613
1979 to March 1980	241	324	306	292	351	449	263	803	427	675
1975 to 1978	854	938	1 370	630	942	1 024	620	1 570	778	1 443
1970 to 1974	500	550	1 162	594	703	873	1 126	390	1 426	1 426
1960 to 1969	912	797	1 590	639	1 200	1 198	1 397	1 234	464	1 904
1950 to 1959	658	477	1 219	769	1 681	1 303	327	1 034	203	1 615
1949 or earlier	416	381	600	2 019	541	817	324	796	125	550
Renter-occupied housing units	210	1 367	342	4 259	1 111	1 625	6 613	2 625	1 295	4 140
1979 to March 1980	66	546	141	1 313	190	687	2 406	1 317	627	1 341
1975 to 1978	49	447	103	1 464	338	566	2 709	807	512	1 775
1970 to 1974	16	148	39	516	291	224	849	298	108	649
1960 to 1969	40	151	30	445	264	68	455	142	41	265
1959 or earlier	39	75	29	521	28	80	194	61	7	110
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	1 300	1 033	1 613	2 953	2 355	1 292	2 002	2 261	355	2 155
Owner-occupied housing units	1 249	760	1 550	2 097	1 744	1 186	1 765	1 809	224	1 172
Lacking complete plumbing for exclusive use	—	3	—	72	5	—	33	10	6	30
No complete kitchen facilities	—	6	8	17	8	—	51	15	—	—
No vehicle available	71	237	161	1 553	536	387	1 164	567	127	653
No telephone	—	—	—	169	—	46	162	30	5	28
Lacking central heating system	—	9	6	401	61	100	118	99	11	149
Lacking air conditioning	548	526	675	2 232	930	710	1 211	1 551	206	1 222

Table 87. **Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 1980—Con.**

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

Places	Jenison (CDP)	Kentwood city	Lakeview (CDP)	Lincoln Park city	Madison Heights city	Marquette city	Melvindole city	Menominee city	Midland city	Monroe city
Year-round housing units -----	4 673	12 110	4 919	16 854	13 018	8 235	4 756	4 230	13 772	8 392
Complete kitchen facilities -----	4 642	12 052	4 875	16 767	12 912	8 173	4 727	4 167	13 697	8 296
BATHROOMS										
No bathroom or only a half bath -----	13	79	33	112	41	135	42	85	116	271
1 complete bathroom -----	1 431	7 091	2 434	12 583	9 556	5 704	3 916	2 955	7 112	5 128
1 complete bathroom plus half both(s) -----	2 497	2 933	1 133	2 621	2 785	1 278	514	670	2 656	2 006
2 or more complete bathrooms -----	732	2 007	1 319	1 538	636	1 118	284	520	3 888	987
SOURCE OF WATER										
Public system or private company -----	3 469	11 294	3 566	16 854	12 991	8 196	4 756	4 181	13 684	8 386
Individual drilled well -----	1 127	768	1 296	--	21	39	--	49	78	6
Individual dug well -----	77	48	57	--	6	--	--	--	7	--
Some other source -----	--	--	--	--	--	--	--	--	3	--
SEWAGE DISPOSAL										
Public sewer -----	1 553	10 896	823	16 821	12 907	8 155	4 749	4 119	13 502	8 363
Septic tank or cesspool -----	3 112	1 200	4 085	21	111	80	7	103	267	25
Other means -----	8	14	11	12	--	--	--	8	3	4
AIR CONDITIONING										
None -----	3 169	5 509	2 679	7 153	5 162	7 584	1 855	3 541	7 998	4 526
Central system -----	519	3 048	1 133	3 147	2 587	70	848	119	2 507	1 107
1 or more individual room units -----	985	3 553	1 107	6 554	5 269	581	2 053	570	3 267	2 759
HEATING EQUIPMENT										
Year-round housing units -----	4 673	12 110	4 919	16 854	13 018	8 235	4 756	4 230	13 772	8 392
Steam or hot water system -----	229	1 483	380	1 197	1 398	3 464	454	780	1 373	1 252
Central warm-air furnace -----	4 357	9 900	4 257	14 691	10 329	3 379	3 742	2 765	10 893	5 825
Electric heat pump -----	7	91	16	47	113	182	35	18	161	38
Other built-in electric units -----	--	148	40	205	442	496	180	42	287	515
Floor, wall, or pipeless furnace -----	26	183	77	320	345	38	150	10	570	216
Room heaters with flue -----	42	187	133	272	295	497	146	469	340	415
Room heaters without flue -----	--	61	16	87	63	106	49	98	68	112
Fireplaces, stoves, or portable room heaters -----	12	42	--	29	33	73	--	45	70	19
None -----	--	15	--	6	--	--	--	3	10	--
Owner-occupied housing units -----	4 347	6 695	4 057	13 172	9 212	3 839	3 231	2 870	9 284	5 213
Steam or hot water system -----	203	339	319	402	322	1 499	164	432	746	577
Central warm-air furnace -----	4 069	6 148	3 598	12 291	8 312	1 906	2 846	2 056	7 898	4 198
Electric heat pump -----	7	20	6	14	7	12	--	11	38	20
Other built-in electric units -----	--	10	14	39	74	149	25	11	52	103
Floor, wall, or pipeless furnace -----	26	66	59	185	247	14	67	10	317	81
Room heaters with flue -----	42	57	45	166	200	182	99	272	161	203
Room heaters without flue -----	--	20	16	52	30	27	30	45	9	17
Fireplaces, stoves, or portable room heaters -----	--	35	--	23	20	50	--	33	63	14
None -----	--	--	--	--	--	--	--	--	--	--
Renter-occupied housing units -----	241	4 758	724	3 411	3 507	3 716	1 394	1 075	3 784	2 844
Steam or hot water system -----	24	1 073	56	775	1 076	1 553	271	291	543	623
Central warm-air furnace -----	205	3 205	546	2 169	1 809	1 348	802	530	2 492	1 438
Electric heat pump -----	--	66	10	33	100	134	35	7	96	18
Other built-in electric units -----	--	138	21	162	296	294	151	19	235	389
Floor, wall, or pipeless furnace -----	--	108	18	135	98	24	80	--	215	115
Room heaters with flue -----	--	105	73	90	89	288	42	179	156	182
Room heaters without flue -----	--	41	--	35	26	68	13	37	42	74
Fireplaces, stoves, or portable room heaters -----	12	7	--	6	13	7	--	12	5	5
None -----	--	15	--	6	--	--	--	--	--	--
Occupied housing units -----	4 588	11 453	4 781	16 583	12 719	7 555	4 625	3 945	13 068	8 057
No telephone -----	6	160	79	203	130	234	125	132	255	337
VEHICLES AVAILABLE										
Total:										
None -----	67	407	262	1 281	766	929	385	454	674	991
1 -----	945	4 387	1 479	6 713	4 741	3 367	1 986	1 656	4 549	3 198
2 -----	2 472	4 663	2 141	5 941	4 837	2 441	1 447	1 417	5 820	2 677
3 or more -----	1 104	1 996	899	2 648	2 375	818	807	418	2 025	1 191
Automobiles:										
None -----	104	544	327	1 555	913	1 150	507	514	791	1 098
1 -----	1 474	5 182	1 868	7 903	5 654	4 126	2 340	2 282	5 534	3 718
2 -----	2 331	4 423	1 983	5 455	4 651	1 914	1 329	918	5 492	2 550
3 or more -----	679	1 304	603	1 670	1 501	365	449	231	1 251	691
Trucks or vans:										
None -----	3 388	9 355	3 868	13 560	10 305	5 806	3 613	2 960	10 872	6 637
1 -----	1 085	1 930	876	2 808	2 292	1 620	932	949	2 087	1 320
2 -----	100	143	37	203	116	96	80	36	109	95
3 or more -----	15	25	--	12	6	33	--	--	--	5
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units -----	4 347	6 695	4 057	13 172	9 212	3 839	3 231	2 870	9 284	5 213
1979 to March 1980 -----	519	963	431	1 004	931	308	304	194	1 161	395
1975 to 1978 -----	1 453	2 113	1 067	2 397	2 257	1 034	459	562	2 962	1 049
1970 to 1974 -----	921	1 202	679	1 773	1 753	613	502	475	1 566	774
1960 to 1969 -----	1 114	1 751	985	2 678	1 885	728	745	537	2 020	1 226
1950 to 1959 -----	293	499	688	3 566	2 012	570	697	545	965	964
1949 or earlier -----	47	167	207	1 754	374	586	524	557	610	805
Renter-occupied housing units -----	241	4 758	724	3 411	3 507	3 716	1 394	1 075	3 784	2 844
1979 to March 1980 -----	107	3 051	336	1 211	1 596	2 540	642	518	1 973	988
1975 to 1978 -----	111	1 366	252	1 444	1 479	764	500	276	1 420	1 167
1970 to 1974 -----	6	260	48	436	271	285	136	167	250	417
1960 to 1969 -----	12	32	74	230	108	64	86	48	86	195
1959 or earlier -----	5	49	14	90	53	63	30	66	55	77
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units -----	523	1 419	686	3 310	1 986	1 423	758	1 122	1 909	1 774
Owner-occupied housing units -----	488	1 025	753	2 821	1 201	942	667	908	1 320	1 297
Lacking complete plumbing for exclusive use -----	13	29	--	14	7	21	--	17	20	59
No complete kitchen facilities -----	--	10	12	6	7	6	--	--	--	13
No vehicle available -----	48	192	113	777	571	429	192	319	417	548
No telephone -----	6	10	5	35	32	9	--	7	10	44
Lacking central heating system -----	18	50	50	57	57	88	37	168	101	91
Lacking air conditioning -----	310	751	444	1 772	607	1 261	347	895	913	952

Table 87. Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 1980—Con.

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

Places	Mount Clemens city	Mount Pleasant city	Niles city	Northview (COP)	Novi city	Oak Park city	Owosso city	Port Huron city	River Rouge city	Riverview city
Year-round housing units -----	7 355	6 442	5 518	4 070	8 667	11 296	6 382	13 374	5 045	4 733
Complete kitchen facilities -----	7 200	6 378	5 448	4 016	8 589	11 246	6 263	13 156	4 956	4 700
BATHROOMS										
No bathroom or only a half bath -----	223	151	143	73	11	22	118	347	91	24
1 complete bathroom -----	5 094	4 458	3 785	2 116	3 275	5 113	4 556	10 042	3 943	2 327
1 complete bathroom plus half bath(s) -----	1 413	958	938	1 121	2 513	3 764	1 132	1 932	663	1 480
2 or more complete bathrooms -----	625	875	652	760	2 868	2 397	576	1 053	348	902
SOURCE OF WATER										
Public system or private company -----	7 350	6 378	5 504	3 207	6 495	11 282	6 357	13 362	5 045	4 728
Individual drilled well -----	5	64	14	810	1 985	7	25	—	—	5
Individual dug well -----	—	—	—	48	141	7	—	—	—	—
Some other source -----	—	—	—	5	46	—	—	12	—	—
SEWAGE DISPOSAL										
Public sewer -----	7 329	6 370	5 422	3 340	7 391	11 261	6 348	13 283	5 029	4 718
Septic tank or cesspool -----	12	58	83	699	1 205	—	29	70	—	—
Other means -----	14	14	13	31	71	35	5	21	16	15
AIR CONDITIONING										
None -----	4 322	4 133	2 696	2 028	3 458	2 785	4 419	10 461	3 581	1 398
Central system -----	1 012	757	1 108	899	3 981	5 215	482	496	306	1 900
1 or more individual room units -----	2 021	1 552	1 714	1 143	1 228	3 296	1 481	2 417	1 158	1 435
HEATING EQUIPMENT										
Year-round housing units -----	7 355	6 442	5 518	4 070	8 667	11 296	6 382	13 374	5 045	4 733
Steam or hot water system -----	1 447	1 210	483	423	359	367	426	2 342	1 319	488
Central warm-air furnace -----	4 825	3 955	4 222	3 471	7 984	10 293	5 180	9 328	3 029	3 994
Electric heat pump -----	136	132	85	16	66	19	11	78	14	22
Other built-in electric units -----	410	337	322	15	60	190	111	268	53	80
Floor, wall, or pipeless furnace -----	152	336	119	47	41	106	276	509	124	73
Room heaters with flue -----	286	334	246	76	138	220	294	649	470	62
Room heaters without flue -----	65	108	29	—	—	86	35	144	25	—
Fireplaces, stoves, or portable room heaters -----	15	19	12	22	19	8	33	56	11	14
None -----	19	11	—	—	7	—	16	—	—	—
Owner-occupied housing units -----	4 111	2 621	3 230	2 940	6 571	8 873	4 330	7 788	2 593	3 106
Steam or hot water system -----	414	318	190	128	248	218	215	907	587	130
Central warm-air furnace -----	3 361	1 920	2 761	2 675	6 153	8 319	3 764	6 132	1 698	2 890
Electric heat pump -----	11	—	16	7	30	4	—	17	6	5
Other built-in electric units -----	68	36	26	7	37	45	6	58	17	8
Floor, wall, or pipeless furnace -----	71	151	80	33	21	66	156	265	47	43
Room heaters with flue -----	146	156	128	68	66	173	157	299	225	16
Room heaters without flue -----	25	28	15	—	—	33	5	64	8	—
Fireplaces, stoves, or portable room heaters -----	7	12	12	22	16	8	20	46	5	14
None -----	8	—	—	—	—	7	—	—	—	—
Renter-occupied housing units -----	2 941	3 524	1 997	924	1 419	2 267	1 748	4 994	2 080	1 512
Steam or hot water system -----	968	867	278	255	95	149	201	1 332	613	331
Central warm-air furnace -----	1 301	1 812	1 231	630	1 198	1 850	1 163	2 769	1 107	1 016
Electric heat pump -----	116	132	61	9	32	15	11	61	8	17
Other built-in electric units -----	326	301	256	8	23	140	188	36	36	30
Floor, wall, or pipeless furnace -----	81	167	39	14	20	40	108	226	77	70
Room heaters with flue -----	90	160	118	8	48	31	137	328	216	46
Room heaters without flue -----	40	67	14	—	—	42	30	80	17	—
Fireplaces, stoves, or portable room heaters -----	8	7	—	—	3	—	7	10	6	—
None -----	11	11	—	—	—	—	—	—	—	—
Occupied housing units -----	7 052	6 145	5 227	3 864	7 990	11 140	6 078	12 782	4 673	4 618
No telephone -----	334	159	287	6	137	40	408	745	457	41
VEHICLES AVAILABLE										
Total:										
None -----	925	555	824	132	75	819	647	1 838	1 150	159
1 -----	2 982	2 658	2 246	1 196	2 401	3 772	2 597	5 693	2 086	1 390
2 -----	2 197	1 942	1 585	1 636	3 980	4 771	1 999	3 827	1 104	2 060
3 or more -----	948	990	572	900	1 534	1 778	835	1 424	333	1 009
Automobiles:										
None -----	1 037	645	947	210	201	913	880	2 037	1 247	232
1 -----	3 405	2 959	2 601	1 487	2 997	4 221	3 112	6 610	2 288	1 784
2 -----	2 028	1 776	1 443	1 598	3 831	4 630	1 683	3 456	969	1 966
3 or more -----	582	765	236	569	961	1 376	403	679	169	636
Trucks or vans:										
None -----	5 932	5 347	4 243	2 962	6 315	9 880	4 569	10 564	4 067	3 615
1 -----	1 040	763	927	814	1 545	1 167	1 393	2 120	559	886
2 -----	80	35	51	50	118	83	116	93	47	104
3 or more -----	—	—	6	38	12	10	—	5	—	13
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units -----	4 111	2 621	3 230	2 940	6 571	8 873	4 330	7 788	2 593	3 106
1979 to March 1980 -----	397	305	286	345	1 470	858	392	659	118	282
1975 to 1978 -----	786	692	638	753	2 870	2 201	1 058	1 699	320	623
1970 to 1974 -----	689	404	516	554	1 366	1 365	673	1 371	425	707
1960 to 1969 -----	981	586	612	754	549	1 862	935	1 649	607	920
1950 to 1959 -----	723	298	502	422	272	2 297	637	1 216	344	536
1949 or earlier -----	535	336	676	112	44	290	635	1 194	779	38
Renter-occupied housing units -----	2 941	3 524	1 997	924	1 419	2 267	1 748	4 994	2 080	1 512
1979 to March 1980 -----	1 362	2 462	933	605	730	666	727	2 406	737	570
1975 to 1978 -----	1 115	794	614	267	537	934	628	1 627	618	672
1970 to 1974 -----	270	181	255	34	90	274	185	541	235	183
1960 to 1969 -----	107	60	130	—	56	294	135	295	300	81
1959 or earlier -----	87	27	65	18	6	99	73	125	190	6
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Owner-occupied housing units -----	1 503	934	1 430	384	639	2 484	1 429	3 025	1 115	472
Owner-occupied housing units -----	924	596	1 000	317	564	1 797	1 094	2 143	803	228
Lacking complete plumbing for exclusive use -----	32	21	10	30	—	18	26	49	16	12
No complete kitchen facilities -----	26	—	20	25	4	17	20	96	6	—
No vehicle available -----	522	282	469	43	56	669	325	817	464	100
No telephone -----	46	38	19	—	24	15	102	74	82	—
Lacking central heating system -----	55	80	64	38	11	29	83	189	140	23
Lacking air conditioning -----	821	609	762	244	163	658	936	2 294	824	92

Table 87. Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 1980—Con.

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

Places	Romulus city	Sault Ste. Marie city	Southgate city	Traverse City city	Trenton city	Walker city	Wayne city	Woodhaven city	Wyandotte city	Ypsilanti city
Year-round housing units -----	8 160	5 692	11 321	6 068	7 945	5 629	7 268	3 592	13 287	9 101
Complete kitchen facilities -----	8 120	5 617	11 288	6 020	7 905	5 585	7 218	3 592	13 195	8 957
BATHROOMS										
No bathroom or only a half bath -----	88	119	48	135	59	40	88	24	237	305
1 complete bathroom -----	5 893	4 210	7 548	3 933	3 412	3 523	4 937	1 808	9 463	6 423
1 complete bathroom plus half bath(s) -----	1 608	815	2 461	841	2 899	1 457	1 407	1 365	2 364	1 578
2 or more complete bathrooms -----	571	548	1 264	1 159	1 575	609	836	395	1 223	795
SOURCE OF WATER										
Public system or private company -----	7 926	5 635	11 321	6 030	7 945	3 615	7 256	3 592	13 280	9 086
Individual drilled well -----	186	57	--	38	--	1 934	12	--	--	15
Individual dug well -----	48	--	--	--	--	80	--	--	--	--
Some other source -----	--	--	--	--	--	--	--	--	7	--
SEWAGE DISPOSAL										
Public sewer -----	7 534	5 337	11 302	6 030	7 931	3 339	7 246	3 584	13 271	9 029
Septic tank or cesspool -----	621	333	13	38	14	2 265	17	8	16	43
Other means -----	5	22	6	--	--	25	5	--	--	29
AIR CONDITIONING										
None -----	5 257	5 493	3 612	5 150	2 896	3 267	3 542	1 288	6 453	5 231
Central system -----	978	64	3 603	126	2 858	415	1 270	1 648	1 648	1 601
1 or more individual room units -----	1 925	135	4 106	792	2 191	1 947	2 456	656	4 802	2 269
HEATING EQUIPMENT										
Year-round housing units -----	8 160	5 692	11 321	6 068	7 945	5 629	7 268	3 592	13 287	9 101
Steam or hot water system -----	897	1 269	731	1 100	741	955	860	315	2 092	2 222
Central warm-air furnace -----	6 200	3 777	9 826	4 244	6 781	4 357	5 871	3 147	10 266	6 042
Electric heat pump -----	72	39	53	13	20	14	20	7	24	53
Other built-in electric units -----	155	164	516	136	172	69	151	28	70	305
Floor, wall, or pipeless furnace -----	248	91	46	185	54	66	169	22	332	125
Room heaters with flue -----	445	259	127	249	152	117	155	61	419	248
Room heaters without flue -----	98	51	13	59	13	17	11	12	61	73
Fireplaces, stoves, or portable room heaters -----	45	36	9	70	12	28	2	--	23	3
None -----	--	6	--	12	--	6	5	--	--	30
Owner-occupied housing units -----	5 331	3 548	8 456	3 568	5 846	3 738	4 802	2 564	8 947	3 036
Steam or hot water system -----	564	622	321	423	260	242	271	56	971	270
Central warm-air furnace -----	4 266	2 488	7 993	2 821	5 458	3 365	4 268	2 458	7 583	2 621
Electric heat pump -----	4	27	--	8	8	8	20	--	4	--
Other built-in electric units -----	67	121	16	24	6	14	4	--	17	10
Floor, wall, or pipeless furnace -----	130	54	33	81	29	46	83	6	157	31
Room heaters with flue -----	218	166	80	135	80	39	126	44	177	75
Room heaters without flue -----	40	45	13	16	--	5	5	--	38	29
Fireplaces, stoves, or portable room heaters -----	42	25	--	60	5	19	20	--	--	--
None -----	--	--	--	--	--	--	5	--	--	--
Renter-occupied housing units -----	2 505	1 618	2 576	2 179	1 845	1 681	2 256	823	3 942	5 387
Steam or hot water system -----	281	557	391	610	450	688	568	242	1 036	1 772
Central warm-air furnace -----	1 690	901	1 630	1 214	1 132	835	1 432	511	2 386	2 977
Electric heat pump -----	68	4	53	5	12	6	--	7	14	53
Other built-in electric units -----	88	30	438	100	134	55	135	18	47	289
Floor, wall, or pipeless furnace -----	93	32	13	88	25	20	80	16	175	88
Room heaters with flue -----	227	77	42	114	72	59	29	17	238	136
Room heaters without flue -----	58	6	--	43	13	12	6	12	23	44
Fireplaces, stoves, or portable room heaters -----	--	11	9	5	7	--	6	--	23	3
None -----	--	--	--	--	--	6	--	--	--	25
Occupied housing units -----	7 836	5 166	11 032	5 747	7 691	5 419	7 058	3 387	12 889	8 423
No telephone -----	261	265	88	203	130	67	168	46	398	672
VEHICLES AVAILABLE										
Total:										
None -----	406	848	357	763	374	142	556	44	1 518	1 425
1 -----	2 641	2 425	3 864	2 273	2 377	2 054	2 702	979	5 436	3 705
2 -----	3 134	1 435	4 588	1 831	3 392	2 155	2 375	1 700	4 198	2 406
3 or more -----	1 655	458	2 223	880	1 548	1 068	1 425	664	1 737	887
Automobiles:										
None -----	575	1 036	476	811	457	235	659	84	1 787	1 542
1 -----	3 741	3 062	4 886	2 856	2 950	2 738	3 299	1 353	6 255	4 123
2 -----	2 707	886	4 303	1 645	3 276	1 888	2 330	1 588	3 823	2 214
3 or more -----	813	182	1 367	435	1 008	558	770	362	1 024	544
Trucks or vans:										
None -----	5 361	3 886	8 615	4 530	6 219	3 872	5 451	2 529	10 610	7 376
1 -----	2 169	1 197	2 216	1 086	1 342	1 327	1 469	813	2 105	981
2 -----	296	83	169	114	118	183	124	39	168	61
3 or more -----	10	--	32	17	12	37	14	6	6	5
YEAR HDUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units -----	5 331	3 548	8 456	3 568	5 846	3 738	4 802	2 564	8 947	3 036
1979 to March 1980 -----	628	359	566	376	412	392	396	311	598	307
1975 to 1978 -----	1 295	801	1 808	843	1 230	1 049	1 275	1 033	1 453	693
1970 to 1974 -----	1 093	533	1 327	639	948	586	729	913	1 053	409
1960 to 1969 -----	1 214	707	2 052	698	1 769	888	1 105	200	1 823	734
1950 to 1959 -----	488	526	2 154	485	1 263	565	873	80	2 194	540
1949 or earlier -----	613	622	549	527	224	258	424	27	1 826	353
Renter-occupied housing units -----	2 505	1 618	2 576	2 179	1 845	1 681	2 256	823	3 942	5 387
1979 to March 1980 -----	939	851	1 132	1 176	625	984	994	439	1 648	2 894
1975 to 1978 -----	1 040	417	1 029	620	690	532	846	286	1 220	1 812
1970 to 1974 -----	392	163	323	221	359	81	261	58	520	431
1960 to 1969 -----	106	150	54	81	105	22	125	28	348	196
1959 or earlier -----	28	37	38	81	66	62	30	12	206	54
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units -----	920	1 310	1 305	1 452	1 156	783	1 047	161	3 219	1 112
Owner-occupied housing units -----	739	1 006	1 057	980	754	661	685	118	2 458	704
Lacking complete plumbing for exclusive use -----	11	19	6	9	--	8	4	8	27	4
No complete kitchen facilities -----	--	13	6	6	--	--	4	--	31	--
No vehicle available -----	138	335	197	459	270	104	261	25	966	359
No telephone -----	18	19	19	26	6	6	7	--	87	43
Lacking central heating system -----	142	72	27	96	57	23	12	13	129	43
Lacking air conditioning -----	695	1 305	533	1 150	326	594	512	55	1 650	648

Table 87a. Equipment and Plumbing Facilities for Towns/Townships of 10,000 to 50,000: 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.]

Towns/Townships	Alpena township	Avon township	Bongor township, Bay County	Bottle Creek township	Bedford township, Colhoum County	Bedford township, Monroe County	Benton township, Berrien County	Blockmon township	Bloomfield township, Oakland County	Bridgeport township	Brighton township
Year-round housing units -----	3 763	14 598	6 063	7 868	3 350	7 204	7 386	5 540	14 711	4 507	3 585
Complete kitchen facilities -----	3 679	14 503	5 981	7 777	3 299	7 143	7 205	5 490	14 665	4 481	3 565
BATHROOMS											
No bathroom or only a half bath -----	109	38	85	73	47	98	94	31	23	48	50
1 complete bathroom -----	2 429	5 415	3 731	4 603	2 278	3 751	5 717	4 086	1 094	2 928	1 217
1 complete bathroom plus half both(s) -----	701	3 361	1 366	1 540	557	1 823	985	858	2 090	945	843
2 or more complete bathrooms -----	524	5 784	881	1 652	468	1 532	590	565	11 504	586	1 475
SOURCE OF WATER											
Public system or private company -----	1 334	10 287	5 924	5 569	578	3 041	3 069	1 886	12 879	3 739	545
Individual drilled well -----	2 252	4 010	121	2 174	2 633	3 864	4 051	3 521	1 703	640	2 962
Individual dug well -----	104	253	11	125	126	249	253	133	118	111	60
Some other source -----	73	48	7	-	13	50	13	-	11	17	18
SEWAGE DISPOSAL											
Public sewer -----	1 331	10 077	2 749	1 546	368	3 315	5 576	4 696	11 015	2 811	196
Septic tank or cesspool -----	2 357	4 476	3 262	6 284	2 962	3 846	1 756	844	3 696	1 651	3 369
Other means -----	75	45	52	38	20	43	54	-	-	45	20
AIR CONDITIONING											
None -----	3 639	6 662	4 393	4 209	2 358	4 269	4 436	3 124	4 504	3 226	2 728
Central system -----	25	5 720	435	1 872	350	947	850	1 159	8 080	349	471
1 or more individual room units -----	99	2 216	1 235	1 787	642	1 988	2 100	1 257	2 127	932	386
HEATING EQUIPMENT											
Year-round housing units -----	3 763	14 598	6 063	7 868	3 350	7 204	7 386	5 540	14 711	4 507	3 585
Steam or hot water system -----	902	1 438	939	547	250	775	395	524	2 000	656	448
Central warm-air furnace -----	2 267	12 426	4 433	6 768	2 714	5 744	4 673	4 363	12 526	3 258	2 780
Electric heat pump -----	19	22	12	70	-	-	123	105	32	14	35
Other built-in electric units -----	72	94	112	77	77	84	951	210	56	102	112
Floor, wall, or pipeless furnace -----	122	190	234	107	64	120	213	58	18	112	65
Room heaters with flue -----	172	304	210	250	149	323	757	187	56	248	92
Room heaters without flue -----	19	43	62	39	15	39	145	30	18	66	19
Fireplaces, stoves, or portable room heaters -----	161	76	61	4	81	119	101	63	5	51	31
None -----	29	5	-	6	-	-	28	-	-	-	3
Owner-occupied housing units -----	2 838	10 970	4 831	6 191	2 917	6 184	4 150	3 661	12 548	3 474	3 039
Steam or hot water system -----	759	1 066	637	441	200	719	229	259	1 844	442	384
Central warm-air furnace -----	1 699	9 424	3 720	5 501	2 413	4 975	2 918	3 052	10 562	2 666	2 403
Electric heat pump -----	6	11	6	6	-	-	34	27	7	7	31
Other built-in electric units -----	52	47	11	19	49	50	275	67	50	29	93
Floor, wall, or pipeless furnace -----	40	119	180	83	53	107	130	26	18	87	41
Room heaters with flue -----	123	218	176	108	113	196	426	147	44	167	63
Room heaters without flue -----	13	17	51	29	-	28	85	24	5	40	7
Fireplaces, stoves, or portable room heaters -----	146	63	50	4	69	109	53	59	5	36	17
None -----	-	5	-	-	-	-	-	-	-	-	-
Renter-occupied housing units -----	524	2 791	1 072	1 391	329	755	2 680	1 664	1 533	884	310
Steam or hot water system -----	86	305	270	101	39	47	127	238	117	192	35
Central warm-air furnace -----	347	2 268	593	1 079	222	576	1 403	1 143	1 373	494	202
Electric heat pump -----	7	11	6	25	-	-	89	78	12	7	12
Other built-in electric units -----	-	47	97	53	8	20	566	123	6	73	12
Floor, wall, or pipeless furnace -----	58	71	50	24	6	13	83	32	-	25	24
Room heaters with flue -----	20	50	34	99	27	88	313	40	12	62	17
Room heaters without flue -----	6	26	11	10	15	11	60	6	13	16	6
Fireplaces, stoves, or portable room heaters -----	-	13	11	-	12	-	39	4	-	15	14
None -----	-	-	-	-	-	-	-	-	-	-	-
Occupied housing units -----	3 362	13 761	5 903	7 582	3 246	6 939	6 830	5 325	14 081	4 358	3 349
No telephone -----	111	108	141	91	46	121	437	124	42	124	58
VEHICLES AVAILABLE											
Total:											
None -----	162	309	207	361	107	178	1 006	365	88	145	67
1 -----	1 070	3 866	2 027	2 679	1 058	1 631	2 852	2 049	2 484	1 369	602
2 -----	1 500	6 482	2 439	3 244	1 326	3 315	2 042	2 011	7 760	1 774	1 672
3 or more -----	630	3 104	1 230	1 298	755	1 815	930	900	3 749	1 070	1 008
Automobiles:											
None -----	310	460	269	472	153	340	1 125	526	93	224	118
1 -----	1 835	5 042	2 847	3 381	1 642	2 778	3 671	2 727	2 786	2 058	1 124
2 -----	965	6 324	2 132	2 965	1 188	2 803	1 654	1 663	7 906	1 577	1 500
3 or more -----	252	1 935	655	764	263	1 018	380	409	3 296	499	607
Trucks or vans:											
None -----	1 885	10 756	4 173	5 995	2 025	4 495	5 125	3 743	12 979	2 840	2 159
1 -----	1 367	2 745	1 607	1 515	1 035	2 167	1 629	1 456	1 039	1 376	1 074
2 -----	91	225	123	56	182	252	68	106	63	136	104
3 or more -----	19	35	-	16	4	25	8	20	-	6	12
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	2 838	10 970	4 831	6 191	2 917	6 184	4 150	3 661	12 548	3 474	3 039
1979 to March 1980 -----	221	2 061	478	605	398	631	409	425	1 471	352	381
1975 to 1978 -----	847	4 198	1 410	1 586	779	1 717	835	821	3 595	903	1 189
1970 to 1974 -----	561	1 917	900	999	536	1 287	773	716	2 648	711	779
1960 to 1969 -----	743	1 580	957	1 489	623	1 391	893	828	3 497	890	500
1950 to 1959 -----	361	823	659	1 108	340	743	795	486	1 249	351	126
1949 or earlier -----	105	391	427	404	241	415	445	385	88	267	64
Renter-occupied housing units -----	524	2 791	1 072	1 391	329	755	2 680	1 664	1 533	884	310
1979 to March 1980 -----	347	1 218	436	740	145	302	1 258	731	595	446	130
1975 to 1978 -----	86	1 112	366	470	106	252	845	760	621	322	121
1970 to 1974 -----	59	342	172	69	45	85	349	132	184	62	26
1960 to 1969 -----	32	82	93	88	23	79	142	24	118	27	6
1959 or earlier -----	-	37	5	24	10	37	86	17	15	27	27
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	515	1 582	938	1 507	562	1 005	1 506	1 133	1 976	454	365
Owner-occupied housing units -----	443	1 106	759	1 289	549	884	1 096	679	1 598	412	354
Lacking complete plumbing for exclusive use -----	18	11	14	6	19	16	9	6	-	-	5
No complete kitchen facilities -----	18	6	14	18	12	20	10	5	-	-	5
No vehicle available -----	48	264	138	192	71	135	445	284	72	75	40
No telephone -----	14	10	19	5	-	25	58	23	6	-	-
Lacking central heating system -----	67	57	64	73	12	83	244	61	26	45	19
Lacking air conditioning -----	496	567	647	804	395	624	916	514	716	340	269

Table 87a. **Equipment and Plumbing Facilities for Towns/Townships of 10,000 to 50,000: 1980—Con.**

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

Towns/Townships	Brownstown township	Buena Vista township	Byron township	Condon township	Cascade township	Chesterfield township	Commerce township	Comstock township	Davison township	Delhi township	Delta township
Year-round housing units -----	6 356	4 470	3 551	16 685	3 305	6 030	7 779	3 787	5 022	6 213	8 691
Complete kitchen facilities -----	6 288	4 397	3 512	16 552	3 292	5 990	7 737	3 731	5 010	6 155	8 635
BATHROOMS											
No bathroom or only a half bath -----	89	69	53	153	18	89	37	38	24	52	73
1 complete bathroom -----	3 997	3 559	2 150	5 872	674	2 977	3 706	2 341	2 838	3 860	3 539
1 complete bathroom plus half bath(s) -----	1 618	571	838	5 610	770	1 894	2 183	669	1 439	1 327	2 736
2 or more complete bathrooms -----	652	271	510	5 050	1 843	1 070	1 853	739	721	974	2 343
SOURCE OF WATER											
Public system or private company -----	6 318	3 846	1 386	15 689	1 015	5 519	1 679	1 036	2 365	4 262	6 396
Individual drilled well -----	16	447	2 095	928	2 203	303	5 682	2 556	2 597	1 876	2 219
Individual dug well -----	22	88	60	58	75	197	409	195	53	62	76
Some other source -----	-	89	10	10	12	11	9	-	7	13	-
SEWAGE DISPOSAL											
Public sewer -----	6 094	3 669	1 859	15 441	606	5 157	723	266	3 908	5 085	6 770
Septic tank or cesspool -----	252	742	1 658	1 212	2 693	859	7 019	3 517	1 114	1 110	1 916
Other means -----	10	59	34	32	6	14	37	4	-	18	5
AIR CONDITIONING											
None -----	3 327	3 406	2 817	7 214	1 815	3 992	5 537	2 762	2 829	3 966	3 864
Central system -----	2 067	269	172	7 531	1 143	972	865	315	1 615	632	2 730
1 or more individual room units -----	962	795	562	1 940	347	1 066	1 377	710	578	1 615	2 097
HEATING EQUIPMENT											
Year-round housing units -----	6 356	4 470	3 551	16 685	3 305	6 030	7 779	3 787	5 022	6 213	8 691
Steam or hot water system -----	338	290	243	524	278	577	1 017	444	401	390	814
Central warm-air furnace -----	5 560	3 310	2 938	15 527	2 881	4 412	6 084	2 942	4 126	4 786	6 902
Electric heat pump -----	45	64	5	47	11	60	36	19	32	199	204
Other built-in electric units -----	66	73	45	115	30	613	169	38	58	345	478
Floor, wall, or pipeless furnace -----	70	169	36	70	6	111	139	76	58	150	46
Room heaters with flue -----	202	407	171	324	37	139	244	163	249	207	170
Room heaters without flue -----	53	83	27	29	12	27	57	43	51	69	36
Fireplaces, stoves, or portable room heaters -----	22	64	86	49	50	91	33	56	47	64	41
None -----	-	10	-	-	-	-	-	6	-	3	-
Owner-occupied housing units -----	4 010	3 624	3 068	11 808	2 939	4 417	6 784	3 144	3 512	4 471	5 578
Steam or hot water system -----	282	241	207	410	251	444	844	310	336	170	270
Central warm-air furnace -----	3 435	2 755	2 592	11 047	2 597	3 645	5 475	2 531	2 985	3 852	5 112
Electric heat pump -----	4	33	5	11	6	6	25	-	12	29	18
Other built-in electric units -----	49	62	39	70	18	92	130	38	33	70	32
Floor, wall, or pipeless furnace -----	38	150	25	43	-	76	88	76	37	84	24
Room heaters with flue -----	150	291	116	174	23	95	162	111	42	161	59
Room heaters without flue -----	30	28	14	24	5	6	37	16	34	41	28
Fireplaces, stoves, or portable room heaters -----	22	64	70	40	34	53	23	56	33	64	35
None -----	-	-	-	-	-	-	-	6	-	-	-
Renter-occupied housing units -----	2 060	656	365	4 130	255	1 330	772	530	1 234	1 582	2 769
Steam or hot water system -----	48	49	33	82	16	127	135	122	37	217	510
Central warm-air furnace -----	1 847	430	234	3 787	184	573	444	327	966	828	1 556
Electric heat pump -----	41	17	40	20	-	54	-	15	20	128	160
Other built-in electric units -----	17	11	6	45	12	457	39	-	25	275	404
Floor, wall, or pipeless furnace -----	32	19	11	27	6	35	46	-	19	63	22
Room heaters with flue -----	52	102	55	144	14	39	82	41	140	43	103
Room heaters without flue -----	23	28	10	5	7	21	16	25	17	25	8
Fireplaces, stoves, or portable room heaters -----	-	-	16	-	16	24	10	-	10	-	6
None -----	-	-	-	-	-	-	-	-	-	-	-
Occupied housing units -----	6 070	4 280	3 433	15 938	3 194	5 747	7 556	3 674	4 746	6 053	8 347
No telephone -----	160	107	114	238	19	102	110	71	86	135	86
VEHICLES AVAILABLE											
Total:											
None -----	224	356	117	298	30	85	146	129	102	286	156
1 -----	2 191	1 681	1 069	4 565	629	1 711	1 766	1 021	1 559	2 002	2 596
2 -----	2 668	1 474	1 297	8 126	1 626	2 628	3 524	1 532	2 107	2 563	3 864
3 or more -----	987	769	950	2 949	909	1 323	2 120	992	978	1 202	1 731
Automobiles:											
None -----	378	432	190	426	44	271	265	226	240	404	276
1 -----	2 962	2 071	1 683	5 967	915	2 458	2 741	1 608	2 206	2 907	3 464
2 -----	2 374	1 384	1 111	7 774	1 603	2 377	3 290	1 372	1 765	2 246	3 501
3 or more -----	356	393	449	1 771	632	641	1 260	468	535	496	1 106
Trucks or vans:											
None -----	4 255	3 234	2 050	12 854	2 429	3 753	5 172	2 245	3 230	4 089	6 324
1 -----	1 686	984	1 209	2 891	676	1 819	2 134	1 286	1 379	1 829	1 972
2 -----	129	52	148	175	89	158	229	108	137	125	132
3 or more -----	-	10	26	18	-	17	21	35	-	10	19
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	4 010	3 624	3 068	11 808	2 939	4 417	6 784	3 144	3 512	4 471	5 578
1979 to March 1980 -----	588	427	694	3 002	592	893	861	377	546	817	707
1975 to 1978 -----	1 507	789	1 000	5 779	1 027	1 702	2 342	781	1 133	1 450	1 686
1970 to 1974 -----	1 044	804	452	2 056	635	947	1 553	510	741	700	1 063
1960 to 1969 -----	443	773	436	638	381	449	1 339	739	757	907	1 501
1950 to 1959 -----	255	494	253	182	170	324	541	418	243	366	434
1949 or earlier -----	173	337	233	151	134	102	148	319	92	231	187
Renter-occupied housing units -----	2 060	656	365	4 130	255	1 330	772	530	1 234	1 582	2 769
1979 to March 1980 -----	1 026	192	145	2 140	109	647	412	271	756	775	1 797
1975 to 1978 -----	605	339	122	1 567	71	552	229	178	455	624	802
1970 to 1974 -----	172	79	50	351	44	82	58	62	13	127	107
1960 to 1969 -----	53	23	12	41	16	30	43	19	3	49	46
1959 or earlier -----	4	23	36	31	15	19	30	-	7	7	17
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	433	739	480	952	390	515	674	463	403	553	900
Owner-occupied housing units -----	306	705	433	735	342	446	612	418	353	404	594
Lacking complete plumbing for exclusive use -----	-	14	19	48	6	21	-	-	-	6	3
No complete kitchen facilities -----	-	7	11	27	13	6	12	-	-	-	-
No vehicle available -----	93	127	82	159	30	53	92	61	49	166	118
No telephone -----	5	12	20	8	6	-	-	-	-	-	-
Lacking central heating system -----	36	147	79	70	24	50	76	50	23	53	46
Lacking air conditioning -----	264	569	385	405	232	376	512	349	220	337	428

Table 87a. **Equipment and Plumbing Facilities for Towns/Townships of 10,000 to 50,000: 1980—Con.**

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

Towns/Townships	De Wirt township	Emmett township, Colhou County	Fenton township	Flint township	Frenchtown township	Fruitport township	Gaines township, Kent County	Genesee township	Georgetown township	Grand Blanc township	Green Oak township
Year-round housing units -----	3 595	4 276	4 013	13 857	6 313	3 418	3 417	8 727	7 615	8 600	3 324
Complete kitchen facilities -----	3 540	4 253	3 970	13 699	6 224	3 402	3 385	8 608	7 573	8 573	3 275
BATHROOMS											
No bathroom or only a half bath -----	39	96	42	127	156	37	27	163	35	41	50
1 complete bathroom -----	2 053	3 085	1 831	8 092	4 862	2 100	1 914	5 921	2 635	3 723	1 707
1 complete bathroom plus half bath(s) -----	954	645	1 100	3 735	747	709	880	1 736	3 626	2 905	651
2 or more complete bathrooms -----	549	450	1 040	1 903	548	572	596	907	1 319	1 931	916
SOURCE OF WATER											
Public system or private company -----	1 104	1 039	664	6 876	4 940	1 034	802	2 967	5 085	2 662	621
Individual drilled well -----	2 459	3 061	3 198	6 696	1 265	2 106	2 491	5 519	2 394	5 798	2 589
Individual dug well -----	28	168	151	272	89	269	107	216	136	132	109
Some other source -----	4	8	—	13	19	9	17	25	—	8	5
SEWAGE DISPOSAL											
Public sewer -----	2 730	684	2 643	13 424	4 956	102	1 806	8 026	2 198	7 848	670
Septic tank or cesspool -----	800	3 571	1 358	404	1 335	3 295	1 601	627	5 387	737	2 638
Other means -----	65	21	12	29	22	21	10	74	30	15	16
AIR CONDITIONING											
None -----	2 491	3 009	3 217	6 918	3 631	3 050	2 617	6 591	5 320	4 561	2 347
Central system -----	469	338	279	4 018	1 060	48	192	602	761	2 937	375
1 or more individual room units -----	635	929	517	2 921	1 622	320	608	1 534	1 534	1 102	602
HEATING EQUIPMENT											
Year-round housing units -----	3 595	4 276	4 013	13 857	6 313	3 418	3 417	8 727	7 615	8 600	3 324
Steam or hot water system -----	256	249	640	1 129	637	305	298	733	552	570	542
Central warm-air furnace -----	2 876	3 360	2 970	11 021	4 329	2 531	2 843	6 796	6 837	7 310	2 258
Electric heat pump -----	11	23	28	149	45	—	11	12	7	58	23
Other built-in electric units -----	88	135	51	523	279	64	53	150	62	137	82
Floor, wall, or pipeless furnace -----	122	90	124	327	269	132	75	365	26	159	200
Room heaters with flue -----	125	286	90	564	519	248	110	459	65	183	146
Room heaters without flue -----	23	68	37	106	96	40	13	97	22	132	32
Fireplaces, stoves, or portable room heaters -----	94	65	55	33	126	98	14	85	44	51	41
None -----	—	—	18	5	13	—	—	30	—	—	—
Owner-occupied housing units -----	2 953	3 371	3 328	9 289	4 542	2 992	2 927	7 117	6 750	6 168	2 681
Steam or hot water system -----	226	198	549	594	357	290	254	607	406	461	432
Central warm-air furnace -----	2 422	2 695	2 548	7 952	3 321	2 237	2 460	5 731	6 207	5 418	1 851
Electric heat pump -----	6	—	11	12	29	—	11	12	7	7	7
Other built-in electric units -----	38	113	28	119	50	36	66	18	12	67	67
Floor, wall, or pipeless furnace -----	85	78	66	206	196	116	66	228	26	110	170
Room heaters with flue -----	82	182	66	376	364	189	80	347	54	120	106
Room heaters without flue -----	12	45	16	79	58	22	13	72	4	7	23
Fireplaces, stoves, or portable room heaters -----	82	60	39	26	98	88	7	47	28	33	20
None -----	—	—	5	—	—	—	7	—	—	—	—
Renter-occupied housing units -----	487	740	485	3 913	1 423	325	403	1 188	698	1 988	512
Steam or hot water system -----	25	32	75	477	247	6	44	107	144	97	89
Central warm-air furnace -----	313	554	266	2 589	793	207	309	757	465	1 562	317
Electric heat pump -----	5	13	17	103	16	—	—	—	—	51	11
Other built-in electric units -----	50	11	23	477	147	14	7	81	44	125	15
Floor, wall, or pipeless furnace -----	33	12	57	93	69	16	9	113	—	34	21
Room heaters with flue -----	43	90	24	144	113	54	30	84	11	59	35
Room heaters without flue -----	11	23	20	23	25	18	—	20	18	42	9
Fireplaces, stoves, or portable room heaters -----	7	5	3	7	13	10	4	26	16	18	15
None -----	—	—	—	—	—	—	—	—	—	—	—
Occupied housing units -----	3 440	4 111	3 813	13 202	5 965	3 317	3 330	8 305	7 448	8 156	3 193
No telephone -----	69	55	67	315	336	80	32	305	23	92	96
VEHICLES AVAILABLE											
Total:											
None -----	111	233	84	661	264	66	126	497	127	131	60
1 -----	984	1 517	931	5 355	2 087	816	984	2 740	1 527	2 243	697
2 -----	1 529	1 586	1 605	4 808	2 349	1 507	1 403	2 960	3 871	3 866	1 528
3 or more -----	816	775	1 193	2 378	1 265	928	817	2 108	1 923	1 916	908
Automobiles:											
None -----	217	312	175	876	365	133	171	674	213	215	121
1 -----	1 524	2 174	1 414	6 566	2 914	1 502	1 555	3 973	2 449	3 155	1 220
2 -----	1 321	1 254	1 585	4 579	2 143	1 159	1 192	2 841	3 593	3 741	1 338
3 or more -----	378	371	639	1 181	543	523	412	817	1 193	1 045	514
Trucks or vans:											
None -----	2 153	2 748	2 328	10 133	4 115	1 904	2 158	5 152	5 243	5 925	1 930
1 -----	1 179	1 247	1 299	2 812	1 669	1 238	974	2 850	1 958	2 020	1 118
2 -----	108	111	159	251	165	131	170	286	206	190	128
3 or more -----	—	5	27	6	16	44	28	17	41	21	17
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	2 953	3 371	3 328	9 289	4 542	2 992	2 927	7 117	6 750	6 168	2 681
1979 to March 1980 -----	382	342	393	1 043	571	261	382	956	785	713	315
1975 to 1978 -----	934	870	1 103	2 282	1 185	707	942	1 674	2 202	1 786	1 001
1970 to 1974 -----	478	596	764	1 861	808	503	585	1 117	1 419	1 282	556
1960 to 1969 -----	685	760	696	2 430	974	750	600	1 773	1 596	1 717	477
1950 to 1959 -----	264	441	214	923	577	489	265	1 053	547	507	224
1949 or earlier -----	210	362	158	750	427	282	153	544	201	163	108
Renter-occupied housing units -----	487	740	485	3 913	1 423	325	403	1 188	698	1 988	512
1979 to March 1980 -----	229	371	265	1 836	717	164	250	573	385	1 158	261
1975 to 1978 -----	174	233	167	1 445	511	120	106	404	218	682	155
1970 to 1974 -----	58	67	21	450	76	12	19	111	30	115	48
1960 to 1969 -----	11	23	16	140	41	16	16	59	56	21	41
1959 or earlier -----	15	46	16	42	78	13	12	41	9	12	7
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	520	666	416	2 225	835	476	474	1 187	831	678	360
Owner-occupied housing units -----	457	621	371	1 598	626	461	446	1 128	724	578	299
Lacking complete plumbing for exclusive use -----	5	6	7	6	23	8	5	28	20	5	—
No complete kitchen facilities -----	—	5	—	18	21	10	—	29	—	—	10
No vehicle available -----	84	97	63	406	133	43	79	183	81	81	49
No telephone -----	—	10	4	25	15	15	6	27	6	—	—
Lacking central heating system -----	32	54	9	185	101	84	29	103	23	54	22
Lacking air conditioning -----	353	440	351	1 132	465	452	369	889	502	413	241

Table 87a. **Equipment and Plumbing Facilities for Towns/Townships of 10,000 to 50,000: 1980—Con.**

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

Towns/Townships	Hamburg township	Hampton township	Harrison township	Highland township, Oakland County	Holland township, Ottawa County	Independence township	Kalamazoo township	Lansing township	Leoni township	Lincoln township, Berrien County	Macomb township
Year-round housing units -----	3 969	3 887	9 318	5 468	4 729	6 848	8 622	4 437	4 958	5 000	4 951
Complete kitchen facilities -----	3 969	3 847	9 270	5 426	4 716	6 796	8 570	4 392	4 890	4 958	4 907
BATHROOMS											
No bathroom or only a half bath -----	47	59	109	42	74	28	44	43	98	32	19
1 complete bathroom -----	1 975	2 419	5 926	2 873	2 878	2 692	6 116	3 100	3 728	2 494	2 131
1 complete bathroom plus half bath(s) -----	708	903	1 875	1 209	1 297	2 353	1 515	893	668	1 356	1 573
2 or more complete bathrooms -----	1 239	506	1 408	1 344	480	1 775	947	401	464	1 118	1 228
SOURCE OF WATER											
Public system or private company -----	120	3 725	9 168	1 226	2 062	1 775	8 260	4 276	710	2 626	4 116
Individual drilled well -----	3 636	137	135	4 007	2 340	4 885	348	161	3 916	2 251	526
Individual dug well -----	195	25	5	188	315	188	14	—	332	109	305
Some other source -----	18	—	10	47	12	—	—	—	—	14	4
SEWAGE DISPOSAL											
Public sewer -----	116	3 034	8 258	875	944	2 749	2 904	4 295	2 449	1 774	3 344
Septic tank or cesspool -----	3 830	832	1 043	4 472	3 708	4 061	5 707	133	2 490	3 146	1 592
Other means -----	23	21	17	121	77	38	11	9	19	80	15
AIR CONDITIONING											
None -----	3 084	2 047	4 688	4 314	3 557	4 856	4 676	2 065	3 843	2 114	3 410
Central system -----	392	1 141	2 509	465	539	940	1 590	584	251	1 546	773
1 or more individual room units -----	493	699	2 121	689	633	1 052	2 356	1 788	864	1 340	768
HEATING EQUIPMENT											
Year-round housing units -----	3 969	3 887	9 318	5 468	4 729	6 848	8 622	4 437	4 958	5 000	4 951
Steam or hot water system -----	588	563	1 321	595	137	845	948	721	449	206	319
Central warm-air furnace -----	2 759	2 853	7 163	4 252	4 265	5 546	6 971	3 117	3 897	3 557	4 158
Electric heat pump -----	4	47	53	35	12	51	26	94	21	133	—
Other built-in electric units -----	200	179	411	128	24	136	120	249	59	838	114
Floor, wall, or pipeless furnace -----	122	60	121	75	57	60	213	82	173	33	84
Room heaters with flue -----	194	93	181	314	160	116	257	145	263	153	179
Room heaters without flue -----	4	47	37	21	25	18	43	18	17	35	45
Fireplaces, stoves, or portable room heaters -----	98	30	21	44	43	76	44	11	69	43	47
None -----	—	15	10	4	6	—	—	—	10	2	5
Owner-occupied housing units -----	3 219	2 301	5 773	4 820	3 736	5 771	5 749	2 360	4 195	3 469	4 391
Steam or hot water system -----	484	342	850	494	84	687	226	109	396	159	297
Central warm-air furnace -----	2 289	1 737	4 537	3 861	3 483	4 780	5 096	2 060	3 348	2 903	3 691
Electric heat pump -----	4	—	11	28	—	26	5	5	21	83	—
Other built-in electric units -----	151	68	144	121	7	77	12	42	42	183	109
Floor, wall, or pipeless furnace -----	101	45	91	63	27	46	151	32	115	12	80
Room heaters with flue -----	129	45	98	197	91	79	185	98	197	73	157
Room heaters without flue -----	4	34	21	16	10	12	39	8	17	13	32
Fireplaces, stoves, or portable room heaters -----	57	30	21	40	34	64	35	6	59	43	35
None -----	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	429	1 464	2 904	444	833	881	2 397	1 956	603	1 308	237
Steam or hot water system -----	51	205	360	99	34	141	620	580	40	47	38
Central warm-air furnace -----	240	1 025	2 110	259	654	611	1 514	976	442	524	158
Electric heat pump -----	—	47	7	7	12	25	21	89	—	39	—
Other built-in electric units -----	44	111	267	7	17	46	102	207	4	601	—
Floor, wall, or pipeless furnace -----	15	15	20	12	22	14	62	47	53	21	4
Room heaters with flue -----	49	48	83	55	64	26	65	47	54	54	22
Room heaters without flue -----	—	13	5	5	15	6	4	5	—	22	3
Fireplaces, stoves, or portable room heaters -----	30	—	—	—	9	12	9	5	10	—	12
None -----	—	—	6	—	6	—	—	—	—	—	—
Occupied housing units -----	3 648	3 765	8 677	5 264	4 569	6 652	8 146	4 316	4 798	4 777	4 628
No telephone -----	111	62	209	151	117	53	164	122	135	184	43
VEHICLES AVAILABLE											
Total:											
None -----	41	272	265	77	166	132	561	296	175	127	98
1 -----	930	1 429	3 387	1 465	1 416	1 348	3 388	2 129	1 578	1 472	1 118
2 -----	1 781	1 471	3 298	2 350	1 963	3 013	3 009	1 387	1 942	2 104	2 312
3 or more -----	896	593	1 727	1 372	1 024	2 159	1 188	504	1 103	1 074	1 100
Automobiles:											
None -----	103	340	427	216	215	219	690	340	284	210	160
1 -----	1 497	1 911	4 131	2 243	1 998	2 346	4 198	2 374	2 512	2 061	1 712
2 -----	1 652	1 291	3 158	2 107	1 829	2 912	2 539	1 362	1 550	1 983	2 163
3 or more -----	396	223	961	698	527	1 175	719	240	452	523	593
Trucks or vans:											
None -----	2 358	2 712	6 674	3 325	3 194	4 015	6 487	3 638	2 848	3 417	3 184
1 -----	1 172	991	1 774	1 778	1 279	2 427	1 509	650	1 738	1 226	1 323
2 -----	111	44	229	156	96	176	138	25	200	123	98
3 or more -----	7	18	—	5	—	34	12	3	12	11	23
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	3 219	2 301	5 773	4 820	3 736	5 771	5 749	2 360	4 195	3 469	4 391
1979 to March 1980 -----	479	225	851	805	495	762	804	249	577	429	1 180
1975 to 1978 -----	1 340	646	1 888	1 952	1 026	1 925	1 347	536	908	998	1 904
1970 to 1974 -----	637	442	1 165	1 198	675	1 120	873	309	750	929	427
1960 to 1969 -----	476	499	1 166	544	848	1 240	1 157	576	878	781	397
1950 to 1959 -----	186	320	501	168	429	617	1 003	506	532	203	279
1949 or earlier -----	101	169	202	153	263	107	565	184	550	129	204
Renter-occupied housing units -----	429	1 464	2 904	444	833	881	2 397	1 956	603	1 308	237
1979 to March 1980 -----	196	739	1 602	174	501	373	1 288	866	275	747	93
1975 to 1978 -----	119	644	1 056	146	229	325	701	727	226	472	86
1970 to 1974 -----	65	61	132	43	68	99	230	170	59	58	30
1960 to 1969 -----	5	10	85	60	20	77	138	162	22	26	12
1959 or earlier -----	44	10	29	21	15	7	40	31	21	5	16
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	491	721	1 029	653	725	690	1 771	904	801	568	480
Owner-occupied housing units -----	453	378	839	595	679	467	1 391	624	755	467	424
Lacking complete plumbing for exclusive use -----	6	17	21	6	—	—	10	6	11	5	—
No complete kitchen facilities -----	—	6	—	12	—	7	8	17	18	5	7
No vehicle available -----	26	224	170	43	78	80	394	138	98	82	82
No telephone -----	—	18	10	—	—	—	21	12	6	21	8
Lacking central heating system -----	84	38	58	46	5	18	80	52	84	23	38
Lacking air conditioning -----	367	399	552	480	507	358	1 072	449	623	239	364

Table 87a. Equipment and Plumbing Facilities for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Meridian township	Milford township	Monitor township	Manroe township, Monroe County	Mount Morris township	Mundy township	Muskegon township	Niles township	Northville township	Orion township	Oronoko township
Year-round housing units -----	11 615	3 406	3 405	4 246	9 165	3 639	5 003	4 719	4 054	7 830	3 423
Complete kitchen facilities -----	11 556	3 366	3 394	4 164	9 094	3 627	4 937	4 663	4 018	7 768	3 374
BATHROOMS											
No bathroom or only a half bath -----	139	50	17	70	82	—	83	85	29	104	63
1 complete bathroom -----	5 676	1 561	1 809	2 954	6 129	1 601	4 060	3 179	970	4 374	2 095
1 complete bathroom plus half bath(s) -----	2 659	888	970	781	2 078	1 343	601	730	1 356	1 587	495
2 or more complete bathrooms -----	3 141	907	609	441	876	695	259	725	1 699	1 765	770
SOURCE OF WATER											
Public system or private company -----	9 175	1 957	2 979	3 813	6 016	614	1 912	1 383	3 097	3 980	2 191
Individual drilled well -----	2 275	1 372	365	389	2 982	2 944	2 846	3 198	913	3 647	1 197
Individual dug well -----	165	71	61	23	147	81	245	138	36	170	28
Some other source -----	—	6	—	21	20	—	—	—	8	33	7
SEWAGE DISPOSAL											
Public sewer -----	10 582	1 881	650	3 912	7 626	3 143	1 602	3 492	3 020	5 160	1 609
Septic tank or cesspool -----	999	1 475	2 736	287	1 509	496	3 345	1 194	1 022	2 611	1 805
Other means -----	34	50	19	47	30	—	56	33	12	59	9
AIR CONDITIONING											
None -----	4 841	2 289	2 489	2 255	7 001	2 524	4 079	2 380	1 227	5 090	2 003
Central system -----	4 291	435	348	840	801	704	369	770	1 949	1 288	484
1 or more individual room units -----	2 483	682	568	1 151	1 363	411	555	1 569	878	1 452	936
HEATING EQUIPMENT											
Year-round housing units -----	11 615	3 406	3 405	4 246	9 165	3 639	5 003	4 719	4 054	7 830	3 423
Steam or hot water system -----	1 179	567	558	230	595	453	346	235	253	901	491
Central warm-air furnace -----	8 771	2 510	2 599	3 372	7 331	2 953	3 811	3 267	3 711	6 210	1 804
Electric heat pump -----	269	40	4	45	45	27	—	34	—	7	127
Other built-in electric units -----	792	94	59	101	77	39	38	583	7	111	518
Floor, wall, or pipeless furnace -----	175	26	68	200	368	77	348	152	35	247	33
Room heaters with flue -----	305	85	68	204	550	73	363	291	48	227	258
Room heaters without flue -----	63	—	9	53	138	12	52	35	—	29	61
Fireplaces, stoves, or portable room heaters -----	61	67	40	35	61	5	45	122	—	83	117
None -----	—	17	—	6	—	—	—	—	—	15	14
Owner-occupied housing units -----	5 889	2 622	3 036	2 983	7 238	3 007	4 011	3 910	3 024	5 938	1 723
Steam or hot water system -----	302	423	467	103	468	321	240	212	217	733	176
Central warm-air furnace -----	5 242	2 011	2 370	2 575	5 875	2 547	3 099	2 851	2 762	4 777	1 150
Electric heat pump -----	19	35	—	31	27	15	—	15	—	—	67
Other built-in electric units -----	23	59	44	29	56	22	24	415	7	33	145
Floor, wall, or pipeless furnace -----	101	14	64	103	260	51	284	128	13	184	12
Room heaters with flue -----	130	35	60	112	395	34	307	177	25	120	85
Room heaters without flue -----	27	—	—	16	105	12	17	25	—	10	14
Fireplaces, stoves, or portable room heaters -----	45	45	31	14	52	5	40	87	—	81	74
None -----	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	5 063	638	292	1 138	1 468	446	872	613	899	1 529	1 530
Steam or hot water system -----	772	128	77	127	86	56	96	12	32	138	292
Central warm-air furnace -----	3 076	407	187	707	1 100	312	607	282	829	1 125	568
Electric heat pump -----	231	5	4	14	14	12	—	19	—	7	60
Other built-in electric units -----	711	35	7	72	21	17	14	156	—	73	350
Floor, wall, or pipeless furnace -----	74	12	4	97	95	26	64	21	15	63	21
Room heaters with flue -----	152	45	—	71	110	23	56	94	23	95	148
Room heaters without flue -----	36	—	9	37	33	—	35	10	—	19	34
Fireplaces, stoves, or portable room heaters -----	11	6	4	13	9	—	—	19	—	—	43
None -----	—	—	—	—	—	—	—	—	—	9	14
Occupied housing units -----	10 952	3 260	3 328	4 121	8 706	3 453	4 883	4 523	3 923	7 467	3 253
No telephone -----	241	43	33	204	390	93	191	97	6	142	170
VEHICLES AVAILABLE											
Total:											
None -----	479	94	71	299	634	61	299	145	63	169	237
1 -----	3 947	918	999	1 711	3 068	799	1 724	1 507	1 077	2 054	1 341
2 -----	4 716	1 382	1 403	1 503	3 149	1 660	1 831	1 792	1 872	3 428	1 194
3 or more -----	1 810	866	855	608	1 855	933	1 029	1 079	911	1 816	481
Automobiles:											
None -----	625	166	117	360	766	103	413	267	67	392	329
1 -----	4 527	1 374	1 474	2 164	4 142	1 353	2 441	2 285	1 254	3 110	1 695
2 -----	4 584	1 209	1 287	1 361	2 866	1 567	1 648	1 539	1 918	3 083	1 016
3 or more -----	1 216	511	450	236	932	430	381	432	684	882	213
Trucks or vans:											
None -----	9 258	2 120	2 198	3 132	6 088	2 140	3 204	2 666	3 314	4 771	2 431
1 -----	1 600	1 046	1 015	876	2 437	1 217	1 490	1 659	557	2 379	728
2 -----	86	71	103	107	170	68	181	187	48	265	85
3 or more -----	8	23	12	6	11	28	8	11	4	52	9
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	5 889	2 622	3 036	2 983	7 238	3 007	4 011	3 910	3 024	5 938	1 723
1979 to March 1980 -----	1 001	295	263	375	801	241	387	433	465	876	185
1975 to 1978 -----	1 849	1 029	792	838	1 697	836	1 023	901	968	1 878	472
1970 to 1974 -----	1 136	509	464	484	1 393	747	685	703	883	1 288	300
1960 to 1969 -----	1 151	441	711	572	1 957	721	977	959	444	1 102	393
1950 to 1959 -----	536	215	472	333	933	294	617	676	191	543	212
1949 or earlier -----	216	133	334	381	457	168	322	238	73	251	161
Renter-occupied housing units -----	5 063	638	292	1 138	1 468	446	872	613	899	1 529	1 530
1979 to March 1980 -----	2 893	226	169	474	748	240	285	285	379	810	852
1975 to 1978 -----	1 689	262	86	531	508	144	266	223	244	544	507
1970 to 1974 -----	370	115	5	85	121	15	142	28	192	134	102
1960 to 1969 -----	86	25	28	14	55	42	46	43	67	6	34
1959 or earlier -----	25	10	4	34	36	5	31	34	17	35	35
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	1 005	416	426	793	1 016	421	999	652	559	733	543
Owner-occupied housing units -----	637	292	387	545	941	394	695	620	312	602	388
Lacking complete plumbing for exclusive use -----	9	5	7	16	9	—	17	29	11	13	13
No complete kitchen facilities -----	7	—	7	17	13	—	12	7	5	4	4
No vehicle available -----	213	90	52	189	138	34	202	81	57	124	99
No telephone -----	8	—	—	31	23	25	42	9	—	6	10
Lacking central heating system -----	42	19	27	33	108	25	155	77	29	63	83
Lacking air conditioning -----	585	265	297	508	776	331	693	368	134	487	326

Table 87a. Equipment and Plumbing Facilities for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Oscoda township	Oshemo township	Oxford township	Park township, Ottawa County	Pittsfield township	Plainfield township, Kent County	Plymouth township	Pontiac township	Saginaw township	Shelby township, Macomb County	Southfield township
Year-round housing units -----	5 015	5 007	3 677	3 655	5 792	7 098	7 774	5 463	14 537	12 310	5 264
Complete kitchen facilities-----	4 915	4 995	3 641	3 644	5 747	7 034	7 742	5 441	14 448	12 219	5 259
BATHROOMS											
No bathroom or only a half bath-----	180	50	70	28	56	92	16	36	30	29	11
1 complete bathroom-----	2 981	3 231	2 101	1 391	3 888	3 748	2 908	3 836	6 361	4 588	447
1 complete bathroom plus half bath(s)-----	1 212	960	872	1 159	1 055	1 823	1 872	1 131	4 747	3 945	1 520
2 or more complete bathrooms-----	642	766	634	1 077	793	1 435	2 978	460	3 399	3 748	3 286
SOURCE OF WATER											
Public system or private company-----	2 852	3 226	1 768	675	4 781	3 880	7 362	4 425	14 348	6 539	3 905
Individual drilled well-----	1 977	1 705	1 833	2 695	924	3 085	368	952	160	4 949	1 295
Individual dug well-----	151	64	76	278	73	105	44	65	22	810	64
Some other source-----	35	12	—	7	14	—	—	21	—	—	—
SEWAGE DISPOSAL											
Public sewer-----	2 451	2 850	2 682	155	4 756	3 965	7 179	4 600	14 053	2 280	4 158
Septic tank or cesspool-----	2 427	2 141	978	3 489	1 022	3 094	595	856	479	9 953	1 101
Other means-----	137	16	17	11	14	39	—	7	5	77	5
AIR CONDITIONING											
None-----	4 803	1 829	2 558	2 950	1 486	4 268	3 110	3 113	6 477	6 667	1 965
Central system-----	86	1 546	365	409	3 185	1 165	2 743	1 002	5 337	3 513	2 151
1 or more individual room units-----	126	1 632	754	296	1 121	1 665	1 921	1 348	2 723	2 130	1 148
HEATING EQUIPMENT											
Year-round housing units -----	5 015	5 007	3 677	3 655	5 792	7 098	7 774	5 463	14 537	12 310	5 264
Steam or hot water system-----	310	873	631	189	538	668	1 087	467	1 546	995	714
Central warm-air furnace-----	3 279	3 406	2 621	3 240	4 596	5 978	6 458	4 318	12 086	10 507	4 382
Electric heat pump-----	25	98	15	—	171	19	16	170	114	56	23
Other built-in electric units-----	132	282	73	31	286	41	120	43	343	252	64
Floor, wall, or pipeless furnace-----	274	89	96	47	61	115	34	168	119	181	50
Room heaters with flue-----	536	145	167	104	72	219	29	171	279	240	25
Room heaters without flue-----	118	40	23	—	39	19	10	26	18	44	—
Fireplaces, stoves, or portable room heaters-----	339	64	51	39	23	39	20	95	23	35	6
None-----	2	10	—	—	6	—	—	5	9	—	—
Owner-occupied housing units -----	1 720	2 144	2 739	2 909	1 883	5 646	6 076	3 146	9 184	9 421	4 766
Steam or hot water system-----	236	128	243	148	194	365	311	118	1 085	698	676
Central warm-air furnace-----	1 075	1 777	2 263	2 641	1 593	4 930	5 651	2 694	7 855	8 265	3 964
Electric heat pump-----	19	38	10	5	14	7	9	—	20	32	16
Other built-in electric units-----	55	38	41	23	48	33	44	55	45	170	55
Floor, wall, or pipeless furnace-----	55	32	48	20	11	94	15	82	39	97	43
Room heaters with flue-----	81	60	88	44	4	159	21	99	105	109	12
Room heaters without flue-----	18	12	6	—	6	19	5	11	12	25	—
Fireplaces, stoves, or portable room heaters-----	181	59	40	28	13	39	20	82	23	25	—
None-----	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	1 937	2 582	776	390	3 485	1 162	1 505	2 078	4 593	1 952	344
Steam or hot water system-----	55	719	350	19	290	263	725	294	461	223	24
Central warm-air furnace-----	1 571	1 400	247	315	2 705	814	665	1 449	3 607	1 400	282
Electric heat pump-----	42	55	5	—	123	12	7	43	87	24	7
Other built-in electric units-----	89	231	32	8	230	8	76	106	261	82	5
Floor, wall, or pipeless furnace-----	89	49	40	6	50	21	19	86	70	81	7
Room heaters with flue-----	160	85	74	42	62	44	4	72	92	118	13
Room heaters without flue-----	18	28	17	—	15	—	5	15	6	14	—
Fireplaces, stoves, or portable room heaters-----	2	5	11	—	10	—	—	13	—	10	6
None-----	—	10	—	—	—	—	—	—	9	—	—
Occupied housing units -----	3 657	4 726	3 515	3 299	5 368	6 808	7 581	5 224	13 777	11 373	5 110
No telephone-----	201	138	80	46	123	26	69	106	102	148	—
VEHICLES AVAILABLE											
Total:											
None-----	131	275	172	39	112	233	89	177	452	156	87
1-----	1 829	1 926	1 108	720	2 247	2 030	2 045	1 977	4 545	2 162	1 062
2-----	1 257	1 760	1 417	1 738	2 130	2 879	3 663	2 165	6 219	5 388	2 651
3 or more-----	440	765	818	802	879	1 666	1 884	905	2 561	3 667	1 310
Automobiles:											
None-----	284	342	265	69	179	374	168	273	560	290	93
1-----	2 164	2 340	1 671	1 148	2 528	2 695	2 575	2 535	5 642	3 524	1 182
2-----	1 057	1 650	1 201	1 583	2 117	2 787	3 605	1 946	6 074	5 278	2 703
3 or more-----	152	394	372	499	544	952	1 233	470	1 501	2 281	1 132
Trucks or vans:											
None-----	2 722	3 672	2 289	2 399	4 454	4 906	6 037	3 913	10 999	7 763	4 629
1-----	852	977	1 061	828	852	1 672	1 433	1 189	2 563	3 313	430
2-----	73	67	158	63	56	178	91	117	166	260	39
3 or more-----	10	10	7	9	6	52	20	5	49	37	12
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	1 720	2 144	2 739	2 909	1 883	5 646	6 076	3 146	9 184	9 421	4 766
1979 to March 1980-----	286	442	394	438	226	756	867	421	1 033	899	465
1975 to 1978-----	512	623	904	1 051	652	1 598	2 331	917	2 814	2 957	1 196
1970 to 1974-----	443	424	597	622	378	1 027	1 194	503	1 754	2 279	796
1960 to 1969-----	314	369	473	439	363	1 322	1 243	632	2 142	2 236	1 432
1950 to 1959-----	110	171	211	230	163	640	349	350	1 038	837	776
1949 or earlier-----	55	115	160	129	101	303	92	323	403	213	101
Renter-occupied housing units -----	1 937	2 582	776	390	3 485	1 162	1 505	2 078	4 593	1 952	344
1979 to March 1980-----	1 140	1 787	310	238	2 090	679	591	946	2 463	1 030	112
1975 to 1978-----	748	676	379	103	1 175	354	598	804	1 451	617	87
1970 to 1974-----	41	92	73	33	168	60	229	237	523	200	51
1960 to 1969-----	8	27	9	10	34	40	80	77	131	64	87
1959 or earlier-----	—	—	5	6	18	29	7	14	25	41	7
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	460	604	487	370	351	960	923	631	2 363	811	1 007
Owner-occupied housing units-----	351	256	350	336	260	872	640	495	1 344	742	842
Lacking complete plumbing for exclusive use-----	10	5	15	—	6	39	5	6	—	—	6
No complete kitchen facilities-----	14	—	15	—	5	25	—	—	9	6	—
No vehicle available-----	57	175	114	18	51	118	72	84	360	92	87
No telephone-----	6	11	7	—	—	—	—	6	33	21	—
Lacking central heating system-----	64	53	21	—	—	89	15	30	74	45	19
Lacking air conditioning-----	409	237	310	290	214	717	273	402	929	555	385

Table 87a. **Equipment and Plumbing Facilities for Towns/Townships of 10,000 to 50,000: 1980—Con.**

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

Towns/Townships	Summit township, Jackson County	Sumpter township	Thomas township	Van Buren township	Vienna township, Genesee County	Washington township, Mocomb County	West Bloomfield township	White Lake township	Ypsilanti township
Year-round housing units	8 010	3 795	3 550	7 041	4 237	3 305	13 533	7 293	17 256
Complete kitchen facilities	7 967	3 764	3 537	6 996	4 192	3 281	13 501	7 219	17 143
BATHROOMS									
No bathroom or only a half bath	120	94	24	63	44	45	24	62	151
1 complete bathroom	4 568	2 616	1 624	4 062	2 599	1 359	2 196	3 766	11 951
1 complete bathroom plus half bath(s)	1 611	595	1 184	1 483	1 032	854	2 192	1 833	3 043
2 or more complete bathrooms	1 711	490	718	1 433	562	1 047	9 121	1 632	2 111
SOURCE OF WATER									
Public system or private company	4 214	3 078	3 131	6 503	597	1 025	9 089	1 685	16 611
Individual drilled well	3 607	542	293	450	3 435	2 104	4 174	5 272	584
Individual dug well	186	163	108	88	205	165	214	274	50
Some other source	3	12	18	—	—	11	56	62	11
SEWAGE DISPOSAL									
Public sewer	5 431	1 193	2 540	5 390	2 273	1 440	9 640	1 189	16 295
Septic tank or cesspool	2 552	2 523	1 004	1 625	1 964	1 848	3 872	6 037	877
Other means	27	79	6	26	—	17	21	67	84
AIR CONDITIONING									
None	5 035	2 587	2 330	3 218	3 184	2 163	5 488	5 566	7 248
Central system	1 504	425	544	2 649	482	410	6 544	711	5 188
1 or more individual room units	1 471	783	676	1 174	571	732	1 501	1 016	4 820
HEATING EQUIPMENT									
Year-round housing units	8 010	3 795	3 550	7 041	4 237	3 305	13 533	7 293	17 256
Steam or hot water system	526	436	393	750	430	465	1 436	846	1 654
Central warm-air furnace	6 847	2 706	2 562	4 891	3 341	2 441	11 682	5 837	13 985
Electric heat pump	17	12	20	300	—	25	32	39	135
Other built-in electric units	92	63	280	776	66	184	181	150	411
Floor, wall, or pipeless furnace	105	115	84	71	162	53	51	101	404
Room heaters with flue	307	328	119	165	149	76	90	214	546
Room heaters without flue	54	35	49	37	12	12	29	72	77
Fireplaces, stoves, or portable room heaters	62	86	43	45	71	49	26	26	32
None	—	14	—	—	6	—	6	8	12
Owner-occupied housing units	6 431	3 220	3 080	4 509	3 322	2 532	12 078	6 219	9 390
Steam or hot water system	369	384	340	593	328	305	1 331	492	383
Central warm-air furnace	5 571	2 408	2 311	3 558	2 659	2 004	10 405	5 174	8 293
Electric heat pump	11	12	15	19	—	19	19	29	28
Other built-in electric units	73	47	176	447	29	84	167	96	76
Floor, wall, or pipeless furnace	62	82	72	42	103	25	39	66	208
Room heaters with flue	257	214	79	111	120	58	63	108	332
Room heaters without flue	31	17	44	15	6	—	22	38	47
Fireplaces, stoves, or portable room heaters	37	50	43	25	71	37	26	16	23
None	—	6	—	—	6	—	6	—	—
Renter-occupied housing units	1 334	376	365	2 192	679	546	799	818	6 772
Steam or hot water system	129	41	44	143	57	156	68	142	1 102
Central warm-air furnace	1 046	153	213	1 159	502	225	682	480	4 830
Electric heat pump	6	—	5	157	—	6	10	10	107
Other built-in electric units	19	16	46	619	37	89	—	54	298
Floor, wall, or pipeless furnace	43	25	12	29	48	28	12	19	185
Room heaters with flue	43	95	40	49	29	18	20	88	203
Room heaters without flue	23	18	5	22	6	12	7	22	30
Fireplaces, stoves, or portable room heaters	25	28	—	14	—	12	—	—	9
None	—	—	—	—	—	—	—	3	8
Occupied housing units	7 765	3 596	3 445	6 701	4 001	3 078	12 877	7 037	16 162
No telephone	112	159	48	265	157	41	64	154	428
VEHICLES AVAILABLE									
Total:									
None	259	119	48	154	120	105	48	151	758
1	2 614	1 152	844	2 230	1 036	694	2 058	1 934	6 230
2	3 400	1 520	1 673	2 811	1 737	1 432	7 212	3 084	6 561
3 or more	1 492	805	880	1 506	1 108	847	3 559	1 868	2 613
Automobiles:									
None	354	286	112	262	198	169	102	296	1 025
1	3 452	1 824	1 286	3 048	1 752	1 096	2 726	2 801	7 128
2	3 119	1 157	1 650	2 829	1 574	1 346	7 214	2 969	6 727
3 or more	840	329	397	562	477	467	2 835	971	1 282
Trucks or vans:									
None	5 882	2 027	2 316	4 549	2 289	2 049	10 884	4 649	12 375
1	1 756	1 369	1 045	1 955	1 606	917	1 837	2 129	3 532
2	112	180	79	184	96	105	110	220	208
3 or more	15	20	5	13	10	7	46	39	47
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	6 431	3 220	3 080	4 509	3 322	2 532	12 078	6 219	9 390
1979 to March 1980	660	543	362	670	331	199	1 531	1 023	1 505
1975 to 1978	1 649	997	956	1 428	941	868	4 644	1 956	2 618
1970 to 1974	1 050	723	593	1 115	743	587	2 748	1 784	1 784
1960 to 1969	1 501	504	700	642	776	447	2 309	1 004	1 710
1950 to 1959	965	320	255	423	366	242	674	341	1 431
1949 or earlier	606	133	214	231	165	189	172	231	342
Renter-occupied housing units	1 334	376	365	2 192	679	546	799	818	6 772
1979 to March 1980	580	151	197	1 177	395	244	383	443	3 791
1975 to 1978	582	139	95	834	194	192	281	228	2 316
1970 to 1974	94	35	48	123	33	52	76	63	529
1960 to 1969	52	26	14	21	32	38	54	53	104
1959 or earlier	26	25	11	37	25	20	5	31	32
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	1 429	419	367	530	477	413	1 058	708	1 275
Owner-occupied housing units	1 207	339	348	440	390	325	973	639	824
Lacking complete plumbing for exclusive use	20	40	—	12	6	20	—	—	21
No complete kitchen facilities	10	14	—	—	6	12	8	—	6
No vehicle available	172	64	31	54	50	82	34	102	260
No telephone	5	24	6	29	8	15	6	14	58
Lacking central heating system	86	80	21	47	54	43	15	45	83
Lacking air conditioning	878	323	240	343	367	285	530	555	741

Table 88. Fuels and Financial Characteristics for Places of 10,000 to 50,000: 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.]

Places	Adrian city	Albion city	Allen Park city	Alpena city	Beecher (CDP)	Berkley city	Beverly Hills village	Big Rapids city	Birmingham city	Burton city	Cadillac city	Clawson city
Occupied housing units -----	7 241	3 527	11 994	4 574	5 045	6 670	3 970	3 264	8 979	10 299	3 822	5 420
HOUSE HEATING FUEL												
Utility gas -----	6 177	3 387	11 523	3 919	4 341	5 951	3 355	2 896	7 425	8 756	3 388	4 781
Bottled, tank, or LP gas -----	34	29	28	34	40	10	9	36	40	88	9	5
Electricity -----	193	70	280	112	266	98	58	276	219	368	177	281
Fuel oil, kerosene, etc -----	788	31	157	449	392	599	548	23	1 291	1 036	184	341
Coal or coke -----	6	5	—	6	6	—	—	—	—	—	—	—
Wood -----	25	5	—	47	—	6	—	22	4	38	64	12
Other fuel -----	18	—	—	7	—	—	—	11	—	6	—	—
No fuel used -----	—	—	6	—	—	6	—	—	—	7	—	—
WATER HEATING FUEL												
Utility gas -----	6 169	3 235	11 373	3 537	4 039	6 004	3 074	2 587	7 422	7 395	2 487	4 924
Bottled, tank, or LP gas -----	59	13	60	36	66	36	35	37	71	113	33	30
Electricity -----	949	257	554	840	924	624	824	617	1 394	2 716	1 285	454
Fuel oil, kerosene, etc -----	43	22	—	156	7	6	32	13	80	58	8	12
Other -----	7	—	7	5	—	—	—	10	8	17	9	—
No fuel used -----	14	—	—	—	9	—	5	—	4	—	—	—
COOKING FUEL												
Utility gas -----	4 350	2 333	6 269	1 074	3 274	2 942	654	1 984	1 706	3 821	1 404	2 096
Bottled, tank, or LP gas -----	121	—	17	26	59	10	6	27	—	136	52	14
Electricity -----	2 749	1 194	5 702	3 469	1 706	3 718	3 310	1 248	7 269	6 331	2 366	3 310
Other -----	—	—	—	5	6	—	—	5	4	11	—	—
No fuel used -----	21	—	6	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	3 764	1 870	10 025	3 087	3 395	5 467	3 485	1 145	5 746	7 695	2 267	3 881
With a mortgage -----	2 337	992	5 213	1 289	2 553	3 708	2 589	652	4 181	4 563	1 180	2 815
Less than \$100 -----	43	—	—	—	25	—	—	7	—	7	—	—
\$100 to \$149 -----	13	21	27	—	60	9	—	21	13	40	43	—
\$150 to \$199 -----	67	44	52	78	184	56	—	15	17	130	87	35
\$200 to \$249 -----	263	177	305	238	582	308	7	85	74	665	150	235
\$250 to \$299 -----	458	271	786	294	628	621	42	93	200	934	197	587
\$300 to \$349 -----	405	150	996	229	545	823	117	118	272	1 021	206	555
\$350 to \$399 -----	302	155	996	107	298	750	278	64	427	626	160	520
\$400 to \$449 -----	277	72	684	171	168	376	182	90	494	418	109	303
\$450 to \$499 -----	164	48	469	71	41	364	333	98	372	278	51	228
\$500 to \$549 -----	214	30	528	60	7	295	415	15	747	308	114	241
\$550 to \$599 -----	93	12	257	31	15	94	502	26	651	123	30	88
\$600 to \$749 -----	38	12	113	10	—	12	713	20	914	13	33	23
\$750 or more -----	—	—	—	—	—	—	—	—	—	—	—	—
Median -----	\$340	\$297	\$372	\$308	\$284	\$352	\$578	\$344	\$526	\$325	\$327	\$350
Not mortgaged -----	1 427	878	4 812	1 798	842	1 759	896	493	1 565	3 132	1 087	1 066
Less than \$50 -----	5	7	7	—	6	—	—	—	—	—	18	—
\$50 to \$74 -----	8	7	14	13	8	—	—	34	—	21	29	13
\$75 to \$99 -----	62	66	17	78	59	22	8	73	7	190	86	34
\$100 to \$149 -----	596	383	555	882	356	437	13	199	138	1 040	430	243
\$150 to \$199 -----	434	309	2 427	594	281	942	173	134	434	1 150	378	556
\$200 to \$249 -----	174	71	1 270	143	110	248	294	45	443	504	95	162
\$250 or more -----	153	37	530	87	17	102	408	8	543	227	51	58
Median -----	\$155	\$147	\$188	\$147	\$148	\$168	\$243	\$131	\$223	\$161	\$148	\$172
GROSS RENT												
Specified renter-occupied housing units -----	2 674	1 447	1 447	1 208	1 249	837	298	1 845	2 673	1 878	1 112	1 321
Less than \$50 -----	40	15	—	13	—	7	—	53	—	41	31	—
\$50 to \$59 -----	7	11	14	23	6	15	—	30	—	21	21	—
\$60 to \$79 -----	56	58	24	79	—	—	—	37	—	57	25	—
\$80 to \$99 -----	20	52	18	37	6	24	—	16	—	7	38	6
\$100 to \$119 -----	43	50	6	21	—	22	—	64	—	38	71	157
\$120 to \$149 -----	172	142	7	106	17	12	—	319	—	52	99	22
\$150 to \$169 -----	95	145	10	135	31	103	—	239	—	91	70	90
\$170 to \$199 -----	297	185	18	242	78	63	—	240	15	105	175	30
\$200 to \$249 -----	671	359	92	241	284	119	—	263	73	530	194	95
\$250 to \$299 -----	617	230	437	162	395	102	—	276	218	530	234	303
\$300 to \$349 -----	330	100	342	95	178	136	—	86	397	161	62	229
\$350 to \$399 -----	144	11	155	15	163	80	41	36	492	96	22	162
\$400 to \$499 -----	86	25	178	4	60	99	77	55	704	5	10	157
\$500 or more -----	10	—	49	4	—	28	163	54	659	5	—	14
No cash rent -----	86	64	97	31	31	20	17	77	109	87	60	56
Median -----	\$242	\$204	\$307	\$191	\$271	\$264	\$500+	\$185	\$412	\$246	\$199	\$292
HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	7 241	3 527	11 994	4 574	5 045	6 670	3 970	3 264	8 979	10 299	3 822	5 420
Median income -----	\$15 728	\$13 497	\$26 748	\$14 237	\$15 987	\$21 832	\$39 548	\$11 445	\$28 610	\$20 827	\$12 593	\$23 375
Owner-occupied housing units -----	4 539	2 063	10 536	3 361	3 724	5 802	3 656	1 414	6 294	8 369	2 697	4 083
Median income -----	\$19 058	\$18 847	\$28 063	\$16 502	\$20 104	\$23 304	\$41 124	\$19 976	\$32 677	\$22 714	\$15 047	\$26 033
Renter-occupied housing units -----	2 702	1 464	1 458	1 213	1 321	868	314	1 850	2 685	1 930	1 125	1 337
Median income -----	\$10 896	\$8 697	\$17 091	\$8 678	\$7 110	\$11 579	\$19 706	\$8 661	\$20 195	\$11 017	\$8 699	\$13 471
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units -----	279	163	228	262	524	218	59	78	136	512	254	154
Percent below poverty level -----	6.1	7.9	2.2	7.8	14.1	3.8	1.6	5.5	2.2	6.1	9.4	3.8
Complete plumbing for exclusive use -----	279	156	228	262	524	218	59	78	136	512	254	154
1.01 or more persons per room -----	10	8	—	9	113	—	—	—	—	6	19	6
Locking complete plumbing for exclusive use -----	—	7	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	464	473	111	279	666	108	5	733	117	530	286	162
Percent below poverty level -----	17.2	32.3	7.6	23.0	50.4	12.4	1.6	39.6	4.4	27.5	25.4	12.1
Complete plumbing for exclusive use -----	445	459	111	269	657	108	5	697	113	508	264	162
1.01 or more persons per room -----	6	13	—	88	—	—	—	84	—	26	18	—
Locking complete plumbing for exclusive use -----	19	14	—	10	9	—	—	36	4	22	22	—
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—

Table 88. Fuels and Financial Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	East Detroit city	East Grand Rapids city	Ecorse city	Esconoba city	Formington city	Ferdale city	Fraser city	Garden City city	Grand Haven city	Grandville city
Occupied housing units	13 302	3 754	5 076	5 533	4 496	9 906	4 744	11 231	4 484	4 154
HOUSE HEATING FUEL										
Utility gas	12 316	3 697	4 851	4 461	4 182	9 040	4 327	10 615	4 027	4 009
Bottled, tank, or LP gas	10	8	52	32	—	36	8	12	17	—
Electricity	173	7	94	326	212	172	183	212	303	88
Fuel oil, kerosene, etc	782	37	63	698	96	631	220	355	132	38
Coal or coke	15	—	10	—	—	11	—	20	—	—
Wood	6	5	—	16	—	—	—	7	5	19
Other fuel	—	—	6	—	—	5	6	10	—	—
No fuel used	—	—	—	—	6	11	—	—	—	—
WATER HEATING FUEL										
Utility gas	12 257	3 579	4 674	4 162	3 892	9 059	4 271	10 411	3 753	3 870
Bottled, tank, or LP gas	69	16	107	272	6	76	19	31	38	3
Electricity	956	159	289	926	577	758	454	758	693	261
Fuel oil, kerosene, etc	20	—	—	145	21	13	—	18	—	5
Other	—	—	6	19	—	—	—	13	—	9
No fuel used	—	—	—	9	—	—	—	—	—	6
COOKING FUEL										
Utility gas	7 269	1 361	4 255	1 573	797	5 687	2 266	6 082	1 367	2 762
Bottled, tank, or LP gas	24	—	73	29	—	35	5	6	19	3
Electricity	6 002	2 393	739	3 887	3 699	4 178	2 473	5 143	3 098	1 383
Other	—	—	—	9	—	—	—	—	—	—
No fuel used	7	—	9	35	—	6	—	—	—	6
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	11 219	3 171	2 659	2 989	2 480	6 796	2 888	9 436	2 586	2 936
With a mortgage	6 441	2 292	1 413	1 252	1 952	3 944	2 161	7 328	1 399	1 935
Less than \$100	—	—	—	5	—	6	—	4	—	—
\$100 to \$149	41	7	38	9	—	35	—	7	—	18
\$150 to \$199	106	—	142	58	—	89	13	145	57	64
\$200 to \$249	585	44	333	123	28	484	30	1 194	168	248
\$250 to \$299	1 366	180	350	275	200	977	307	2 193	249	312
\$300 to \$349	1 531	238	282	241	168	969	348	1 315	287	348
\$350 to \$399	1 100	292	136	208	235	660	393	886	248	320
\$400 to \$449	756	280	75	106	354	392	373	673	137	219
\$450 to \$499	455	237	7	76	179	155	218	473	83	164
\$500 to \$599	333	413	24	71	378	110	282	298	104	144
\$600 to \$749	162	317	26	59	243	62	144	129	43	83
\$750 or more	6	284	—	21	167	5	53	11	23	15
Median	\$337	\$472	\$278	\$332	\$449	\$320	\$399	\$305	\$339	\$347
Not mortgaged	4 778	879	1 246	1 737	528	2 852	727	2 108	1 187	1 001
Less than \$50	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	11	—	22	25	—	20	22	5	18	8
\$75 to \$99	55	7	169	89	—	92	7	24	41	76
\$100 to \$149	880	108	490	571	57	1 279	73	504	507	405
\$150 to \$199	2 230	229	407	664	139	1 145	267	1 078	418	367
\$200 to \$249	1 316	210	125	246	160	252	225	376	148	115
\$250 or more	286	325	33	142	172	64	133	121	55	30
Median	\$182	\$223	\$145	\$162	\$221	\$151	\$199	\$172	\$153	\$151
GROSS RENT										
Specified renter-occupied housing units	1 358	297	1 871	1 974	1 529	2 511	1 417	1 319	1 423	788
Less than \$50	15	—	8	36	—	—	—	13	8	—
\$50 to \$59	10	—	24	—	—	25	32	13	—	—
\$60 to \$79	24	—	5	146	—	39	57	33	26	11
\$80 to \$99	9	—	19	114	—	20	49	6	28	13
\$100 to \$119	7	—	108	98	—	22	42	14	48	5
\$120 to \$149	17	9	108	173	5	54	64	12	118	10
\$150 to \$169	23	10	183	177	8	57	20	9	126	33
\$170 to \$199	46	30	282	372	7	198	32	47	180	62
\$200 to \$249	258	50	593	398	29	472	350	122	285	220
\$250 to \$299	367	45	284	227	130	553	276	458	255	173
\$300 to \$349	212	16	155	98	654	503	293	226	166	124
\$350 to \$399	139	14	38	38	451	252	110	145	90	37
\$400 to \$499	76	18	27	5	161	232	23	103	41	45
\$500 or more	44	70	—	9	35	22	31	73	5	—
No cash rent	111	35	61	59	49	62	38	45	47	55
Median	\$277	\$280	\$221	\$187	\$343	\$279	\$260	\$290	\$226	\$254
HOUSEHOLD INCOME IN 1979										
Occupied housing units	13 302	3 754	5 076	5 533	4 496	9 906	4 744	11 231	4 484	4 154
Median income	\$21 439	\$30 483	\$16 579	\$13 008	\$25 276	\$17 417	\$23 646	\$25 490	\$16 408	\$21 347
Owner-occupied housing units	11 917	3 454	3 151	3 559	2 967	7 383	3 272	9 885	3 042	3 351
Median income	\$22 374	\$32 132	\$20 964	\$17 654	\$30 737	\$19 081	\$27 957	\$26 630	\$20 028	\$23 099
Renter-occupied housing units	1 385	300	1 925	1 974	529	2 523	1 472	1 346	1 442	803
Median income	\$12 824	\$19 405	\$10 557	\$7 153	\$15 938	\$13 809	\$13 835	\$16 621	\$10 634	\$14 456
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	551	58	234	229	79	517	79	336	158	185
Percent below poverty level	4.6	1.7	7.4	6.4	2.7	7.0	2.4	3.4	5.2	5.5
Complete plumbing for exclusive use	551	58	234	220	79	510	79	336	152	179
1.01 or more persons per room	5	—	8	14	—	14	—	22	—	—
Lacking complete plumbing for exclusive use	—	—	—	9	—	7	—	—	6	6
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	197	39	559	551	97	406	204	161	234	71
Percent below poverty level	14.2	13.0	29.0	27.9	6.3	16.1	13.9	12.0	16.2	8.8
Complete plumbing for exclusive use	197	39	529	536	97	397	204	161	234	71
1.01 or more persons per room	20	—	38	30	—	26	—	—	—	—
Lacking complete plumbing for exclusive use	—	—	—	15	—	9	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—

Table 88. **Fuels and Financial Characteristics for Places of 10,000 to 50,000: 1980—Con.**

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

Places	Grosse Pointe Farms city	Grosse Pointe Park city	Grosse Pointe Woods city	Hamtramck city	Harper Woods city	Hazel Park city	Highland Park city	Holland city	Holt (CDP)	Inkster city
Occupied housing units	3 791	4 834	6 589	9 202	6 529	7 289	10 304	9 188	3 682	11 753
HOUSE HEATING FUEL										
Utility gas	3 542	4 474	6 361	8 915	6 261	6 641	9 430	8 746	2 934	10 741
Bottled, tank, or LP gas	—	19	4	50	23	14	151	35	6	48
Electricity	21	38	51	105	47	333	420	196	464	723
Fuel oil, kerosene, etc	228	303	168	61	190	286	183	168	243	234
Coal or coke	—	—	—	58	—	—	37	10	—	—
Wood	—	—	—	13	—	—	—	11	14	—
Other fuel	—	—	—	—	8	5	76	18	21	7
No fuel used	—	—	5	—	—	—	7	4	—	—
WATER HEATING FUEL										
Utility gas	3 579	4 569	6 163	8 939	6 232	6 575	9 158	7 870	2 782	10 525
Bottled, tank, or LP gas	6	40	62	115	32	70	309	65	26	125
Electricity	194	211	356	133	265	622	650	1 212	848	1 088
Fuel oil, kerosene, etc	12	14	8	5	—	7	79	19	19	—
Other	—	—	—	6	—	15	75	10	—	7
No fuel used	—	—	—	4	—	—	33	12	7	8
COOKING FUEL										
Utility gas	1 065	2 093	1 683	8 228	3 315	5 088	8 648	2 890	1 290	8 114
Bottled, tank, or LP gas	6	7	4	37	9	20	114	23	32	66
Electricity	2 720	2 734	4 902	918	3 198	2 172	1 458	6 235	2 354	3 568
Other	—	—	—	6	4	—	—	—	—	—
No fuel used	—	—	—	13	7	5	84	40	6	5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	3 393	3 175	5 865	3 173	4 749	5 201	3 088	5 706	1 975	7 008
With a mortgage	1 794	2 188	3 518	724	2 150	3 154	2 030	2 998	1 490	5 258
Less than \$100	—	—	—	32	10	31	18	23	6	51
\$100 to \$149	—	—	13	100	57	124	108	73	30	173
\$150 to \$199	—	—	30	161	217	549	265	411	78	891
\$200 to \$249	—	70	85	141	348	861	492	601	302	1 131
\$250 to \$299	4	86	97	170	425	826	563	249	302	1 169
\$300 to \$349	59	125	377	82	363	435	282	523	206	879
\$350 to \$399	124	122	437	14	256	180	165	219	182	529
\$400 to \$449	177	219	394	6	162	78	92	176	136	264
\$450 to \$499	188	399	621	—	197	40	59	207	168	142
\$500 to \$599	366	441	655	10	101	24	35	100	93	25
\$600 to \$749	542	629	601	8	34	6	—	102	40	4
\$750 or more	\$593	\$594	\$519	\$274	\$351	\$301	\$312	\$335	\$369	\$316
Median										
Not mortgaged	1 599	987	2 347	2 449	2 599	2 047	1 058	2 708	485	1 750
Less than \$50	—	—	—	10	—	—	6	4	19	—
\$50 to \$74	—	—	—	37	12	35	—	17	—	13
\$75 to \$99	—	22	6	419	31	81	49	144	31	69
\$100 to \$149	17	62	64	1 394	615	1 066	272	1 332	127	529
\$150 to \$199	169	134	545	456	1 129	684	390	848	212	808
\$200 to \$249	391	180	625	117	621	153	180	262	76	220
\$250 or more	1 022	589	1 107	16	191	28	161	101	20	111
Median	\$295	\$287	\$245	\$125	\$178	\$145	\$176	\$145	\$172	\$163
GROSS RENT										
Specified renter-occupied housing units	198	1 363	331	4 224	1 096	1 589	6 508	2 581	1 265	4 008
Less than \$50	—	—	—	33	—	11	74	10	—	81
\$50 to \$59	—	—	—	97	—	—	132	—	24	126
\$60 to \$79	—	—	—	167	—	—	131	78	19	276
\$80 to \$99	—	—	—	141	—	—	143	78	30	172
\$100 to \$119	—	—	—	172	—	—	293	50	27	72
\$120 to \$149	7	6	—	501	—	35	744	138	19	139
\$150 to \$169	—	74	—	625	—	60	972	135	12	86
\$170 to \$199	—	68	—	707	19	136	994	225	52	206
\$200 to \$249	23	276	21	913	105	244	1 276	673	401	804
\$250 to \$299	14	254	22	367	270	416	946	590	320	932
\$300 to \$349	17	235	69	152	342	317	443	325	233	628
\$350 to \$399	19	193	58	25	140	153	182	96	75	258
\$400 to \$499	28	115	52	28	131	140	108	42	31	101
\$500 or more	46	95	74	—	39	9	6	27	—	24
No cash rent	44	47	35	296	50	68	114	22	22	103
Median	\$392	\$296	\$381	\$179	\$319	\$283	\$190	\$239	\$257	\$249
HOUSEHOLD INCOME IN 1979										
Occupied housing units	3 791	4 834	6 589	9 202	6 529	7 289	10 304	9 188	3 682	11 753
Median income	\$36 930	\$30 265	\$32 446	\$10 818	\$20 914	\$17 498	\$10 151	\$17 179	\$19 927	\$18 038
Owner-occupied housing units	3 581	3 467	6 247	4 943	5 418	5 664	3 691	6 563	2 387	7 613
Median income	\$38 154	\$36 425	\$33 198	\$13 304	\$22 582	\$19 264	\$18 677	\$20 444	\$23 607	\$21 582
Renter-occupied housing units	210	1 367	342	4 259	1 111	1 625	6 613	2 625	1 295	4 140
Median income	\$21 500	\$14 406	\$22 944	\$8 532	\$14 807	\$11 937	\$7 052	\$11 573	\$13 017	\$11 019
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	86	83	145	670	177	475	582	316	96	669
Percent below poverty level	2.4	2.4	2.3	13.6	3.3	8.4	15.8	4.8	4.0	8.8
Complete plumbing for exclusive use	86	83	145	656	177	475	568	311	96	654
1.01 or more persons per room	—	—	6	17	13	16	56	12	—	68
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	15
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	14	195	26	1 256	96	357	2 599	533	186	1 205
Percent below poverty level	6.7	14.3	7.6	29.5	8.6	22.0	39.3	20.3	14.4	29.1
Complete plumbing for exclusive use	14	195	26	1 203	89	357	2 453	525	186	1 187
1.01 or more persons per room	—	—	—	36	—	33	187	55	13	72
Lacking complete plumbing for exclusive use	—	—	—	53	7	—	146	8	—	18
1.01 or more persons per room	—	—	—	5	—	—	44	—	—	—

Table 88. Fuels and Financial Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	Jenison (COP)	Kentwood city	Lokeview (COP)	Lincoln Park city	Madison Heights city	Morquette city	Melvindale city	Menominee city	Midland city	Monroe city
Occupied housing units	4 588	11 453	4 781	16 583	12 719	7 555	4 625	3 945	13 068	8 057
HOUSE HEATING FUEL										
Utility gas	4 513	10 841	4 212	15 802	11 327	4 945	4 267	3 293	11 922	6 782
Bottled, tank, or LP gas	—	55	11	133	34	88	54	16	90	19
Electricity	7	316	66	308	623	664	260	63	558	557
Fuel oil, kerosene, etc	62	186	481	319	721	1 786	44	524	436	670
Cool or coke	—	7	—	—	—	—	—	6	—	7
Wood	6	19	—	9	7	11	—	27	49	14
Other fuel	—	14	11	6	7	4	—	16	13	8
No fuel used	—	15	—	6	—	—	—	—	—	—
WATER HEATING FUEL										
Utility gas	4 342	10 381	4 320	15 608	11 075	4 293	4 175	2 976	11 340	6 379
Bottled, tank, or LP gas	11	84	21	161	90	140	76	16	86	53
Electricity	223	936	416	799	1 542	2 190	374	918	1 621	1 593
Fuel oil, kerosene, etc	—	32	24	15	12	916	—	35	16	23
Other	6	12	—	—	—	10	—	—	5	—
No fuel used	6	8	—	—	—	6	—	—	—	9
COOKING FUEL										
Utility gas	2 906	7 944	1 653	10 825	7 474	977	3 057	1 902	3 449	3 019
Bottled, tank, or LP gas	7	47	16	169	40	79	47	37	72	17
Electricity	1 675	3 443	3 095	5 583	5 205	6 480	1 516	1 999	9 534	4 998
Other	—	3	—	—	—	7	—	7	—	—
No fuel used	—	16	17	6	—	12	5	—	13	23
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	3 750	5 185	3 797	12 267	8 200	3 290	2 949	2 510	8 451	4 666
With a mortgage	3 154	4 162	2 611	6 951	6 316	1 764	1 737	1 067	6 070	2 533
Less than \$100	—	—	—	12	—	—	9	—	—	—
\$100 to \$149	12	22	10	31	28	7	6	12	19	36
\$150 to \$199	83	79	94	286	161	38	88	93	117	42
\$200 to \$249	435	366	158	1 208	873	51	304	138	485	287
\$250 to \$299	435	719	416	1 524	1 396	194	582	254	671	390
\$300 to \$349	676	721	385	1 690	1 269	245	364	156	603	357
\$350 to \$399	555	609	394	922	1 122	268	197	155	832	308
\$400 to \$449	358	493	237	624	673	199	104	93	730	420
\$450 to \$499	207	323	225	287	293	221	46	57	521	276
\$500 to \$599	263	473	357	299	371	228	29	55	763	224
\$600 to \$749	113	255	231	45	110	220	8	23	779	106
\$750 or more	17	102	104	23	20	93	—	31	550	87
Median	\$345	\$364	\$381	\$312	\$328	\$420	\$290	\$312	\$421	\$375
Not mortgaged	596	1 023	1 186	5 316	1 884	1 526	1 212	1 443	2 381	2 133
Less than \$50	—	—	—	—	—	9	—	—	—	8
\$50 to \$74	7	6	21	24	19	9	—	26	54	—
\$75 to \$99	6	79	58	135	53	24	46	67	170	64
\$100 to \$149	227	397	378	2 046	605	293	454	729	1 018	705
\$150 to \$199	268	299	353	2 407	835	599	567	468	748	851
\$200 to \$249	60	182	213	597	341	453	114	87	198	293
\$250 or more	28	60	163	107	31	139	31	66	193	212
Median	\$158	\$154	\$168	\$157	\$166	\$185	\$157	\$144	\$147	\$165
GROSS RENT										
Specified renter-occupied housing units	229	4 640	708	3 375	3 456	3 700	1 376	1 069	3 734	2 798
Less than \$50	—	—	—	60	42	—	—	—	25	66
\$50 to \$59	—	6	—	42	14	37	—	21	25	40
\$60 to \$79	5	27	—	18	102	173	—	64	140	37
\$80 to \$99	—	47	13	30	108	107	—	18	99	65
\$100 to \$119	—	34	5	42	66	102	—	52	50	81
\$120 to \$149	—	95	16	32	76	135	24	82	116	75
\$150 to \$169	—	77	28	72	36	103	66	106	109	155
\$170 to \$199	6	338	87	361	102	524	78	241	260	272
\$200 to \$249	30	1 492	186	757	305	876	336	217	763	725
\$250 to \$299	58	1 131	212	1 040	1 325	704	518	137	788	645
\$300 to \$349	91	652	39	481	746	430	195	36	571	290
\$350 to \$399	12	374	39	169	266	170	67	21	347	170
\$400 to \$499	10	224	32	116	146	166	26	7	253	107
\$500 or more	—	63	5	11	29	68	11	—	82	31
No cash rent	17	80	46	144	93	105	55	67	106	39
Median	\$304	\$259	\$249	\$259	\$283	\$235	\$270	\$188	\$262	\$240
HOUSEHOLD INCOME IN 1979										
Occupied housing units	4 588	11 453	4 781	16 583	12 719	7 555	4 625	3 945	13 068	8 057
Median income	\$24 431	\$19 689	\$24 608	\$21 219	\$21 266	\$14 527	\$20 296	\$15 040	\$23 689	\$19 104
Owner-occupied housing units	4 347	6 695	4 057	13 172	9 212	3 839	3 231	2 870	9 284	5 213
Median income	\$24 890	\$23 771	\$27 910	\$23 052	\$24 214	\$20 686	\$22 342	\$16 572	\$27 571	\$22 788
Renter-occupied housing units	241	4 758	724	3 411	3 507	3 716	1 394	1 075	3 784	2 844
Median income	\$18 750	\$15 099	\$10 561	\$15 441	\$15 190	\$9 431	\$16 464	\$10 112	\$13 408	\$11 650
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	130	363	76	546	466	207	280	176	308	269
Percent below poverty level	3.0	5.4	1.9	4.1	5.1	5.4	8.7	6.1	3.3	5.2
Complete plumbing for exclusive use	130	363	76	546	466	201	274	176	299	255
1.01 or more persons per room	6	14	—	13	43	9	—	—	7	22
Lacking complete plumbing for exclusive use	—	—	—	—	—	6	6	—	9	14
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	31	509	110	384	447	1 079	188	205	620	621
Percent below poverty level	12.9	10.7	15.2	11.3	12.7	29.0	13.5	19.1	16.4	21.8
Complete plumbing for exclusive use	31	503	110	375	447	1 059	188	198	603	576
1.01 or more persons per room	—	13	14	4	18	6	11	—	—	24
Lacking complete plumbing for exclusive use	—	6	—	9	—	20	—	7	17	45
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	4

Table 88. Fuels and Financial Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	Mount Clemens city	Mount Pleasant city	Niles city	Northview (CDP)	Novi city	Oak Park city	Owosso city	Port Huron city	River Rouge city	Riverview city
Occupied housing units	7 052	6 145	5 227	3 864	7 990	11 140	6 078	12 782	4 673	4 618
HOUSE HEATING FUEL										
Utility gas	5 956	5 323	4 609	3 665	7 139	9 754	5 567	11 611	4 503	4 362
Bottled, tank, or LP gas	27	47	38	5	53	78	24	72	14	19
Electricity	615	656	440	68	259	272	172	353	83	189
Fuel oil, kerosene, etc	405	55	123	116	520	1 007	289	677	65	19
Coal or coke	—	—	—	—	—	8	—	30	—	—
Wood	7	19	5	10	12	8	19	12	—	—
Other fuel	23	34	12	—	7	6	—	27	8	29
No fuel used	19	11	—	—	—	7	7	—	—	—
WATER HEATING FUEL										
Utility gas	5 392	4 988	3 781	3 492	6 574	10 091	4 987	9 769	4 489	4 222
Bottled, tank, or LP gas	88	82	40	6	104	175	21	127	29	28
Electricity	1 518	1 020	1 400	347	1 257	827	1 042	2 771	136	363
Fuel oil, kerosene, etc	30	17	—	13	55	34	12	58	7	—
Other	21	27	—	—	—	6	—	23	5	5
No fuel used	3	11	6	6	—	7	16	34	7	—
COOKING FUEL										
Utility gas	2 747	2 353	2 335	2 520	3 875	4 454	2 281	5 444	3 993	1 769
Bottled, tank, or LP gas	17	32	11	36	54	44	17	69	16	6
Electricity	4 277	3 741	2 874	1 308	4 061	6 636	3 739	7 194	664	2 837
Other	—	12	—	—	—	6	12	11	—	—
No fuel used	11	7	7	—	—	—	29	64	—	6
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	3 516	2 292	2 902	2 704	3 614	8 268	3 876	7 051	2 150	2 937
With a mortgage	2 144	1 426	1 421	2 063	3 150	5 719	2 127	3 898	998	2 351
Less than \$100	7	9	—	—	—	—	—	11	5	—
\$100 to \$149	—	7	14	7	16	26	14	19	39	—
\$150 to \$199	27	15	46	73	18	76	79	89	118	29
\$200 to \$249	107	122	226	364	41	377	374	610	160	260
\$250 to \$299	424	179	363	305	155	780	496	908	285	284
\$300 to \$349	395	156	254	360	183	1 068	408	828	243	349
\$350 to \$399	438	184	178	315	198	893	322	570	72	308
\$400 to \$449	260	232	100	208	259	905	220	280	25	256
\$450 to \$499	166	127	65	165	407	615	81	244	25	246
\$500 to \$599	178	230	65	161	688	652	84	127	21	254
\$600 to \$749	90	112	48	79	732	231	24	122	5	204
\$750 or more	52	53	62	26	453	96	25	90	—	161
Median	\$363	\$409	\$312	\$339	\$541	\$380	\$312	\$319	\$281	\$391
Not mortgaged	1 372	866	1 481	641	464	2 549	1 749	3 153	1 152	586
Less than \$50	—	6	—	—	—	—	—	6	—	—
\$50 to \$74	—	18	—	—	14	—	12	13	—	—
\$75 to \$99	7	33	114	42	—	35	165	162	96	9
\$100 to \$149	252	319	724	313	73	308	830	1 230	630	94
\$150 to \$199	646	255	449	219	111	1 157	477	1 150	307	229
\$200 to \$249	322	134	130	57	93	704	179	370	82	127
\$250 or more	145	101	64	10	173	345	86	228	14	127
Median	\$182	\$159	\$144	\$146	\$218	\$190	\$143	\$156	\$137	\$190
GROSS RENT										
Specified renter-occupied housing units	2 917	3 498	1 956	870	1 354	2 175	1 738	4 927	2 050	1 477
Less than \$50	—	30	16	—	—	—	—	8	—	—
\$50 to \$59	64	54	55	—	—	23	—	74	—	13
\$60 to \$79	62	64	45	—	—	44	33	112	65	32
\$80 to \$99	52	90	62	—	—	11	—	129	103	40
\$100 to \$119	28	128	48	14	—	35	21	116	116	30
\$120 to \$149	110	326	171	8	12	61	129	215	198	32
\$150 to \$169	77	465	105	24	—	23	112	341	215	8
\$170 to \$199	362	331	223	178	34	50	258	558	414	8
\$200 to \$249	792	432	523	249	69	163	490	1 217	494	264
\$250 to \$299	598	461	352	118	217	315	360	1 009	233	430
\$300 to \$349	385	295	155	107	496	665	140	574	104	429
\$350 to \$399	183	118	79	53	170	307	89	284	43	86
\$400 to \$499	101	497	52	100	153	348	24	159	8	82
\$500 or more	25	76	20	—	139	64	4	22	—	10
No cash rent	78	131	50	19	64	66	78	109	57	13
Median	\$242	\$223	\$221	\$241	\$332	\$325	\$230	\$236	\$189	\$284
HOUSEHOLD INCOME IN 1979										
Occupied housing units	7 052	6 145	5 227	3 864	7 990	11 140	6 078	12 782	4 673	4 618
Median income	\$17 091	\$13 407	\$14 080	\$21 821	\$27 121	\$22 265	\$16 471	\$14 993	\$13 963	\$27 425
Owner-occupied housing units	4 111	2 621	3 230	2 940	6 571	8 873	4 330	7 788	2 593	3 106
Median income	\$22 680	\$21 722	\$18 297	\$23 888	\$29 558	\$24 570	\$19 476	\$19 164	\$20 358	\$31 819
Renter-occupied housing units	2 941	3 524	1 997	924	1 419	2 267	1 748	4 994	2 080	1 512
Median income	\$10 738	\$9 513	\$9 115	\$14 100	\$19 604	\$14 322	\$11 035	\$9 195	\$9 740	\$17 517
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	277	140	229	93	158	439	291	661	256	84
Percent below poverty level	6.7	5.3	7.1	3.2	2.4	4.9	6.7	8.5	9.9	2.7
Complete plumbing for exclusive use	270	135	224	93	158	434	291	621	256	84
1.01 or more persons per room	20	7	12	10	12	28	—	33	35	—
Lacking complete plumbing for exclusive use	7	5	5	—	—	5	—	40	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	6	—	—
Renter-occupied housing units	695	1 458	585	106	86	404	485	1 519	658	103
Percent below poverty level	23.6	41.4	29.3	11.5	6.1	17.8	27.7	30.4	31.6	6.8
Complete plumbing for exclusive use	654	1 393	573	106	86	397	466	1 480	627	103
1.01 or more persons per room	39	133	50	—	5	23	—	46	37	—
Lacking complete plumbing for exclusive use	41	65	12	—	—	7	—	39	36	—
1.01 or more persons per room	—	—	—	—	—	—	—	5	—	—

Table 88. Fuels and Financial Characteristics for Places of 10,000 to 50,000: 1980—Con.

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

Places	Romulus city	Sault Ste. Marie city	Southgate city	Traverse City city	Trenton city	Walker city	Wayne city	Woodhaven city	Wyandotte city	Ypsilanti city
Occupied housing units -----	7 836	5 166	11 032	5 747	7 691	5 419	7 058	3 387	12 889	8 423
HOUSE HEATING FUEL										
Utility gas -----	7 087	3 696	10 303	5 331	7 390	4 899	6 352	3 266	12 522	7 011
Bottled, tank, or LP gas -----	51	33	10	7	7	19	26	10	30	116
Electricity -----	334	237	649	158	188	91	258	85	168	761
Fuel oil, kerosene, etc -----	328	1 145	70	172	96	358	406	26	110	472
Coal or coke -----	6	—	—	14	6	—	—	—	—	—
Wood -----	26	36	—	65	—	19	6	—	—	3
Other fuel -----	4	19	—	—	4	27	5	—	59	35
No fuel used -----	—	—	—	—	—	6	5	—	—	25
WATER HEATING FUEL										
Utility gas -----	6 448	2 401	10 010	4 568	7 111	4 606	6 099	3 137	12 306	6 499
Bottled, tank, or LP gas -----	81	111	74	65	54	24	54	31	71	123
Electricity -----	1 276	2 564	948	1 114	526	723	888	212	477	1 712
Fuel oil, kerosene, etc -----	11	69	—	—	—	50	12	7	—	59
Other -----	—	9	—	—	—	16	—	—	35	15
No fuel used -----	20	12	—	—	—	—	5	—	—	15
COOKING FUEL										
Utility gas -----	4 965	918	5 841	2 028	3 398	3 959	3 697	1 677	7 911	3 603
Bottled, tank, or LP gas -----	63	154	4	11	13	66	16	6	20	48
Electricity -----	2 803	4 094	5 187	3 701	4 266	1 352	3 340	1 704	4 940	4 736
Other -----	5	—	—	—	—	34	5	—	6	—
No fuel used -----	—	—	—	7	14	8	—	—	12	36
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	4 632	2 820	7 960	3 291	5 245	3 203	4 474	2 311	8 132	2 557
With a mortgage -----	3 150	1 214	5 338	1 780	3 767	2 147	3 375	2 075	3 926	1 586
Less than \$100 -----	6	—	—	—	—	—	—	—	8	9
\$100 to \$149 -----	5	28	25	—	12	41	30	—	29	—
\$150 to \$199 -----	55	119	112	35	17	84	86	13	120	—
\$200 to \$249 -----	241	253	496	265	218	261	380	20	428	76
\$250 to \$299 -----	544	214	1 102	232	575	388	807	73	878	133
\$300 to \$349 -----	668	180	985	276	699	440	759	116	817	230
\$350 to \$399 -----	608	113	804	175	599	291	539	335	627	222
\$400 to \$449 -----	438	113	699	174	434	328	220	505	324	222
\$450 to \$499 -----	307	99	377	176	335	126	196	358	310	173
\$500 to \$599 -----	235	78	524	192	429	123	187	404	183	290
\$600 to \$749 -----	43	13	188	160	286	65	151	196	163	175
\$750 or more -----	—	4	26	95	163	—	20	55	39	56
Median -----	\$355	\$298	\$347	\$373	\$380	\$334	\$325	\$448	\$331	\$428
Not mortgaged -----	1 482	1 606	2 622	1 511	1 478	1 056	1 099	236	4 206	971
Less than \$50 -----	9	14	7	—	—	—	—	—	9	—
\$50 to \$74 -----	15	53	25	46	25	18	5	—	7	—
\$75 to \$99 -----	59	264	12	87	33	97	34	15	76	33
\$100 to \$149 -----	449	744	481	664	240	442	391	18	1 012	181
\$150 to \$199 -----	505	349	1 233	500	515	371	440	99	1 994	370
\$200 to \$249 -----	262	140	576	159	428	171	171	71	856	198
\$250 or more -----	183	42	288	55	237	6	58	33	252	189
Median -----	\$169	\$131	\$182	\$147	\$194	\$147	\$161	\$179	\$174	\$186
GROSS RENT										
Specified renter-occupied housing units -----	2 369	1 602	2 538	2 174	1 801	1 661	2 196	822	3 910	5 309
Less than \$50 -----	5	16	—	20	—	—	26	—	25	7
\$50 to \$59 -----	6	27	—	28	—	—	42	—	19	—
\$60 to \$79 -----	55	76	12	77	24	—	43	—	13	92
\$80 to \$99 -----	49	87	6	30	37	—	29	—	147	75
\$100 to \$119 -----	38	102	—	38	80	—	57	—	242	109
\$120 to \$149 -----	43	191	22	112	91	38	61	4	123	266
\$150 to \$169 -----	5	254	24	102	90	11	—	—	235	521
\$170 to \$199 -----	96	284	64	218	153	532	212	12	360	630
\$200 to \$249 -----	607	255	167	379	239	776	535	108	889	1 031
\$250 to \$299 -----	757	130	626	328	352	99	502	398	877	1 129
\$300 to \$349 -----	318	65	1 051	442	450	85	412	243	499	794
\$350 to \$399 -----	137	38	328	176	157	31	148	11	180	340
\$400 to \$499 -----	138	3	144	90	78	13	60	18	116	162
\$500 or more -----	28	—	19	42	16	14	16	16	26	77
No cash rent -----	87	76	75	92	34	62	53	12	159	76
Median -----	\$265	\$171	\$315	\$256	\$273	\$210	\$257	\$284	\$241	\$244
HOUSEHOLD INCOME IN 1979										
Occupied housing units -----	7 836	5 166	11 032	5 747	7 691	5 419	7 058	3 387	12 889	8 423
Median income -----	\$21 179	\$12 306	\$25 208	\$15 451	\$27 609	\$19 317	\$21 607	\$27 396	\$19 101	\$14 177
Owner-occupied housing units -----	5 331	3 548	8 456	3 568	5 846	3 738	4 802	2 564	8 947	3 036
Median income -----	\$23 784	\$15 287	\$26 806	\$19 444	\$30 881	\$22 652	\$24 829	\$30 338	\$21 801	\$23 852
Renter-occupied housing units -----	2 505	1 618	2 576	2 179	1 845	1 681	2 256	823	3 942	5 387
Median income -----	\$14 701	\$6 675	\$18 647	\$11 010	\$15 889	\$12 940	\$14 262	\$17 254	\$13 504	\$10 240
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units -----	307	300	187	229	173	166	205	63	595	174
Percent below poverty level -----	5.8	8.5	2.2	6.4	3.0	4.4	4.3	2.5	6.7	5.7
Complete plumbing for exclusive use -----	298	300	187	229	173	162	201	63	595	174
1.01 or more persons per room -----	16	5	5	—	—	6	4	6	15	5
Lacking complete plumbing for exclusive use -----	9	—	—	—	—	4	4	—	—	—
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	605	603	209	396	186	174	357	62	572	1 782
Percent below poverty level -----	24.2	37.3	8.1	18.2	10.1	10.4	15.8	7.5	14.5	33.1
Complete plumbing for exclusive use -----	599	572	203	361	186	174	337	62	559	1 669
1.01 or more persons per room -----	61	7	—	25	13	—	60	5	—	156
Lacking complete plumbing for exclusive use -----	6	31	6	35	—	—	20	—	13	113
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	26

Table 88a. Fuels and Financial Characteristics for Towns/Townships of 10,000 to 50,000: 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.]

Towns/Townships	Alpena township	Avon township	Bangor township, Bay County	Battle Creek township	Bedford township, Colhoum County	Bedford township, Monroe County	Benton township, Berrien County	Blackman township	Bloomfield township, Oakland County	Bridgeport township	Brighton township
Occupied housing units	3 362	13 761	5 903	7 582	3 246	6 939	6 830	5 325	14 081	4 358	3 349
HOUSE HEATING FUEL											
Utility gas	2 002	12 699	5 234	6 416	2 151	5 623	4 061	4 160	12 534	3 338	2 439
Bottled, tank, or LP gas	274	51	81	24	38	135	141	91	35	128	147
Electricity	65	278	175	166	91	81	1 081	381	224	210	136
Fuel oil, kerosene, etc	894	672	372	954	907	988	1 467	631	1 283	639	604
Coal or coke	—	—	4	7	—	33	29	6	—	6	—
Wood	127	56	31	4	59	79	51	51	5	37	23
Other fuel	—	—	6	11	—	—	—	5	—	—	—
No fuel used	—	5	—	—	—	—	—	—	—	—	—
WATER HEATING FUEL											
Utility gas	1 513	11 029	4 469	6 601	2 152	4 298	2 692	3 515	10 714	2 867	2 077
Bottled, tank, or LP gas	253	93	93	39	98	123	113	104	58	146	112
Electricity	1 344	2 584	1 313	890	912	2 469	3 953	1 679	3 134	1 313	1 132
Fuel oil, kerosene, etc	216	49	—	52	79	34	43	20	175	25	23
Other	11	—	6	—	5	—	5	7	—	7	—
No fuel used	25	6	22	—	—	15	24	—	—	—	5
COOKING FUEL											
Utility gas	574	3 587	2 654	2 460	1 428	1 867	1 950	2 055	1 516	1 639	829
Bottled, tank, or LP gas	441	28	157	40	99	141	181	181	19	201	85
Electricity	2 341	10 146	3 074	5 059	1 719	4 919	4 676	3 082	12 542	2 504	2 435
Other	6	—	18	—	—	8	11	7	4	14	—
No fuel used	—	—	—	23	—	4	12	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units											
With a mortgage	2 229	8 311	4 100	5 755	2 309	5 381	3 396	3 072	10 917	3 006	2 445
Less than \$100	1 259	6 502	2 514	3 720	1 582	3 914	1 864	1 769	8 930	2 115	1 966
\$100 to \$149	17	7	6	—	—	13	10	9	—	19	—
\$150 to \$199	79	21	58	158	113	23	45	25	10	6	18
\$200 to \$249	193	145	238	369	198	132	121	56	22	64	31
\$250 to \$299	281	252	387	695	357	421	451	230	50	162	105
\$300 to \$349	248	573	415	521	317	507	432	307	50	437	136
\$350 to \$399	146	573	342	533	221	507	364	312	145	370	207
\$400 to \$449	86	627	303	296	149	585	173	289	346	342	273
\$450 to \$499	83	438	259	289	82	553	137	164	535	235	197
\$500 to \$599	68	994	245	438	56	412	17	164	706	181	377
\$600 to \$749	46	1 281	175	276	57	662	25	135	1 408	195	363
\$750 or more	12	1 567	80	118	13	410	35	43	1 605	81	259
Median	\$312	\$556	\$371	\$358	\$316	\$424	\$285	\$341	\$703	\$350	\$504
Not mortgaged	970	1 809	1 586	2 035	727	1 467	1 532	1 303	1 987	891	479
Less than \$50	—	—	—	—	—	—	7	—	—	—	—
\$50 to \$74	8	49	7	40	27	—	52	29	—	6	—
\$75 to \$99	108	46	76	152	43	42	228	126	—	29	37
\$100 to \$149	422	420	512	851	340	320	783	569	62	231	96
\$150 to \$199	294	581	678	539	234	587	319	383	113	433	175
\$200 to \$249	85	344	228	258	59	364	94	135	272	147	63
\$250 or more	53	369	85	195	24	154	49	61	1 540	45	108
Median	\$144	\$183	\$163	\$148	\$143	\$184	\$128	\$144	\$328	\$168	\$176
GROSS RENT											
Specified renter-occupied housing units											
Less than \$50	495	2 728	1 047	1 345	302	686	2 451	1 615	1 494	825	278
\$50 to \$59	5	10	6	—	—	—	33	—	—	—	—
\$60 to \$79	5	10	—	—	—	8	83	—	—	—	—
\$80 to \$99	5	20	54	—	—	8	30	50	—	—	—
\$100 to \$119	9	17	37	13	—	8	49	40	—	—	—
\$120 to \$149	42	45	40	14	5	15	59	53	—	4	—
\$150 to \$169	23	111	45	16	19	39	139	49	—	—	11
\$170 to \$199	99	70	48	35	4	90	171	108	13	137	25
\$200 to \$249	165	102	51	102	38	78	798	406	10	152	47
\$250 to \$299	77	356	335	275	78	74	657	423	15	274	39
\$300 to \$349	18	987	92	420	82	106	159	168	179	148	53
\$350 to \$399	—	449	33	91	17	41	57	104	283	54	12
\$400 to \$499	6	330	36	78	10	93	40	88	478	7	35
\$500 or more	7	112	13	18	—	30	—	14	428	18	20
No cash rent	34	109	56	60	4	59	93	53	77	31	27
Median	\$212	\$329	\$235	\$272	\$252	\$277	\$237	\$252	\$441	\$269	\$296
HOUSEHOLD INCOME IN 1979											
Occupied housing units											
Median income	\$17 117	\$28 859	\$20 923	\$22 754	\$20 870	\$24 469	\$12 458	\$18 872	\$48 089	\$21 587	\$29 285
Owner-occupied housing units	2 838	10 970	4 831	6 191	2 917	6 184	4 150	3 661	12 548	3 474	3 039
Median income	\$18 577	\$32 429	\$22 717	\$24 812	\$21 773	\$25 376	\$15 494	\$22 082	\$51 095	\$24 038	\$31 063
Renter-occupied housing units	524	2 791	1 072	1 391	329	755	2 680	1 664	1 533	884	310
Median income	\$8 730	\$18 409	\$11 941	\$11 986	\$15 022	\$16 723	\$8 830	\$13 599	\$22 127	\$14 313	\$12 350
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units											
Percent below poverty level	7.3	2.9	6.6	2.0	5.0	2.8	11.3	3.0	1.5	5.6	2.8
Complete plumbing for exclusive use	189	311	312	119	140	161	464	111	191	195	86
1.01 or more persons per room	8	—	3	—	12	—	4	7	—	11	8
Locking complete plumbing for exclusive use	18	5	7	4	5	12	—	—	—	—	—
1.01 or more persons per room	—	—	—	4	—	—	—	—	—	—	—
Renter-occupied housing units											
Percent below poverty level	29.2	7.7	21.3	13.9	19.5	10.6	34.9	11.1	7.1	21.2	11.9
Complete plumbing for exclusive use	153	212	228	193	59	106	917	179	109	187	37
1.01 or more persons per room	6	—	—	14	4	7	84	5	4	16	—
Locking complete plumbing for exclusive use	—	4	—	—	5	—	17	5	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—

Table 88a. Fuels and Financial Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Brownstown township	Buena Vista township	Byron township	Canton township	Coscode township	Chesterfield township	Commerce township	Comstock township	Davison township	Delhi township	Delta township
Occupied housing units -----	6 070	4 280	3 433	15 938	3 194	5 747	7 556	3 674	4 746	6 053	8 347
HOUSE HEATING FUEL											
Utility gas -----	5 428	3 452	2 202	14 799	2 471	4 447	6 553	2 536	3 929	4 526	6 781
Bottled, tank, or LP gas -----	140	71	167	91	55	133	38	21	139	96	51
Electricity -----	219	192	58	455	47	715	219	71	176	545	777
Fuel oil, kerosene, etc -----	256	525	925	554	577	375	726	968	463	814	682
Coal or coke -----	—	17	6	7	11	—	—	—	—	—	—
Wood -----	22	23	75	28	33	77	20	56	39	51	25
Other fuel -----	5	—	—	4	—	—	—	16	—	21	31
No fuel used -----	—	—	—	—	—	—	—	6	—	—	—
WATER HEATING FUEL											
Utility gas -----	5 183	2 848	1 808	14 150	2 313	4 186	5 005	2 301	3 425	4 114	6 018
Bottled, tank, or LP gas -----	94	117	224	88	131	123	50	56	134	152	109
Electricity -----	771	1 255	1 224	1 627	638	1 382	2 473	1 086	1 155	1 723	2 176
Fuel oil, kerosene, etc -----	10	46	166	50	106	41	28	227	32	57	27
Other -----	2	—	—	4	—	9	—	—	—	—	17
No fuel used -----	10	14	11	19	6	6	—	4	—	7	—
COOKING FUEL											
Utility gas -----	3 927	2 597	1 597	8 829	938	2 517	2 306	1 260	1 291	2 037	904
Bottled, tank, or LP gas -----	227	128	308	81	104	58	48	86	159	137	42
Electricity -----	1 906	1 549	1 517	7 008	2 144	3 165	5 202	2 318	3 296	3 860	7 396
Other -----	—	6	5	10	8	7	—	4	—	5	5
No fuel used -----	10	—	6	10	—	—	—	6	—	14	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units											
With a mortgage -----	3 183	2 625	1 721	9 435	2 311	3 382	6 012	2 634	2 473	3 307	4 935
Less than \$100 -----	2 592	1 529	1 018	8 655	1 861	2 623	4 908	1 669	1 704	2 461	3 810
\$100 to \$149 -----	7	8	—	—	—	5	7	—	—	6	—
\$150 to \$199 -----	13	119	32	7	20	6	77	83	7	43	—
\$200 to \$249 -----	69	283	106	53	74	65	181	180	65	125	40
\$250 to \$299 -----	117	247	147	100	93	114	517	280	220	390	310
\$300 to \$349 -----	318	338	150	262	161	287	805	328	237	375	624
\$350 to \$399 -----	520	207	172	590	98	469	603	205	308	311	525
\$400 to \$449 -----	490	138	119	865	117	471	606	195	370	283	457
\$450 to \$499 -----	394	63	89	1 232	152	328	506	98	181	258	448
\$500 to \$599 -----	404	81	118	2 335	254	484	682	168	194	398	697
\$600 to \$749 -----	192	45	65	2 321	425	271	510	108	73	190	448
\$750 or more -----	68	—	7	890	467	123	400	17	49	82	261
Median -----	\$426	\$316	\$368	\$550	\$584	\$439	\$421	\$343	\$402	\$397	\$444
Not mortgaged -----	591	1 096	703	780	450	759	1 104	965	769	846	1 125
Less than \$50 -----	—	14	—	—	—	9	—	4	—	24	—
\$50 to \$74 -----	2	11	55	—	—	—	—	8	—	5	—
\$75 to \$99 -----	26	117	55	—	16	31	35	108	16	54	15
\$100 to \$149 -----	132	456	370	74	101	139	280	438	148	187	189
\$150 to \$199 -----	248	352	166	219	140	347	378	293	357	369	404
\$200 to \$249 -----	112	101	32	229	132	136	230	83	183	135	302
\$250 or more -----	71	45	25	258	61	97	181	31	65	72	215
Median -----	\$172	\$145	\$134	\$221	\$183	\$177	\$176	\$141	\$183	\$177	\$195
GROSS RENT											
Specified renter-occupied housing units											
Less than \$50 -----	1 965	619	324	4 046	214	1 196	720	484	1 185	1 545	2 678
\$50 to \$59 -----	—	—	—	—	—	—	—	—	—	—	13
\$60 to \$79 -----	5	—	—	7	—	13	—	—	—	24	3
\$80 to \$99 -----	16	—	4	35	—	—	—	—	—	19	33
\$100 to \$119 -----	100	—	—	46	—	—	—	—	—	30	37
\$120 to \$149 -----	36	8	7	56	—	6	5	16	—	27	76
\$150 to \$169 -----	58	17	32	104	—	—	13	8	—	19	50
\$170 to \$199 -----	49	39	26	74	6	14	21	40	—	12	37
\$200 to \$249 -----	70	64	37	188	—	33	27	21	—	75	74
\$250 to \$299 -----	226	144	73	299	22	173	131	182	164	432	329
\$300 to \$349 -----	756	129	60	1 137	39	265	119	68	613	398	767
\$350 to \$399 -----	347	107	22	917	32	332	110	53	205	309	762
\$400 to \$499 -----	148	42	7	522	39	91	68	14	31	99	233
\$500 or more -----	79	27	5	377	50	134	103	17	99	43	176
No cash rent -----	4	—	8	206	7	31	78	6	11	8	34
Median -----	71	42	43	78	19	104	45	53	41	50	54
Median -----	\$278	\$255	\$216	\$302	\$348	\$306	\$310	\$237	\$274	\$266	\$293
HOUSEHOLD INCOME IN 1979											
Occupied housing units											
Median income -----	6 070	4 280	3 433	15 938	3 194	5 747	7 556	3 674	4 746	6 053	8 347
Owner-occupied housing units -----	\$21 910	\$17 129	\$20 646	\$27 233	\$31 425	\$24 371	\$27 747	\$21 921	\$24 216	\$20 897	\$25 676
Renter-occupied housing units -----	4 010	3 624	3 068	11 808	2 939	4 417	6 784	3 144	3 512	4 471	5 578
Median income -----	\$26 363	\$18 157	\$21 494	\$30 583	\$32 458	\$26 276	\$28 890	\$23 079	\$26 993	\$23 571	\$30 787
Median income -----	2 060	656	365	4 130	255	1 330	772	530	1 234	1 582	2 769
Median income -----	\$15 073	\$11 341	\$13 679	\$17 557	\$18 427	\$18 314	\$16 401	\$14 688	\$18 817	\$13 324	\$16 186
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units											
Percent below poverty level -----	177	388	155	313	72	162	190	189	103	150	106
Complete plumbing for exclusive use -----	4.4	10.7	5.1	2.7	2.4	3.7	2.8	6.0	2.9	3.4	1.9
1.01 or more persons per room -----	177	381	155	300	66	147	180	185	103	150	106
Lacking complete plumbing for exclusive use -----	3	49	—	12	—	8	—	24	7	—	—
1.01 or more persons per room -----	—	7	—	13	6	15	—	4	—	—	—
Renter-occupied housing units											
Percent below poverty level -----	345	216	30	462	7	139	81	62	163	212	206
Complete plumbing for exclusive use -----	16.7	32.9	8.2	11.2	2.7	10.5	10.5	11.7	13.2	13.4	7.4
1.01 or more persons per room -----	345	209	30	458	7	124	77	62	157	212	203
Lacking complete plumbing for exclusive use -----	5	19	—	20	—	—	4	10	3	13	15
1.01 or more persons per room -----	—	7	—	4	—	15	—	—	6	—	3

Table 88a. Fuels and Financial Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	De Witt township	Emmett township, Colhoum County	Fenton township	Flint township	Frenchtown township	Fruitport township	Goines township, Kent County	Genesee township	Georgetown township	Grand Blanc township	Green Oak township
Occupied housing units	3 440	4 111	3 813	13 202	5 965	3 317	3 330	8 305	7 448	8 156	3 193
HOUSE HEATING FUEL											
Utility gas	2 769	2 819	3 084	11 012	4 546	2 493	2 504	6 885	6 667	7 101	2 246
Bottled, tank, or LP gas	37	48	111	108	139	129	58	123	75	65	160
Electricity	114	142	111	1 103	356	64	61	202	81	454	131
Fuel oil, kerosene, etc	448	1 044	459	948	844	548	696	1 029	580	504	621
Cool or coke	—	—	—	—	—	—	—	7	7	—	—
Wood	72	58	37	26	65	83	11	23	38	32	35
Other fuel	—	—	6	5	15	—	—	29	—	—	—
No fuel used	—	—	5	—	—	—	—	7	—	—	—
WATER HEATING FUEL											
Utility gas	2 233	2 440	2 607	9 437	3 794	2 320	2 079	5 478	6 391	6 474	1 757
Bottled, tank, or LP gas	67	83	169	180	184	192	89	164	99	108	148
Electricity	1 084	1 510	989	3 512	1 955	773	1 023	2 584	889	1 568	1 256
Fuel oil, kerosene, etc	41	73	45	68	6	19	125	44	57	6	32
Other	5	5	—	5	—	—	14	16	6	—	—
No fuel used	10	—	3	—	26	8	—	19	6	—	—
COOKING FUEL											
Utility gas	1 389	1 645	957	3 703	2 233	1 404	1 898	3 610	4 257	1 537	933
Bottled, tank, or LP gas	114	122	117	225	292	160	105	202	145	110	138
Electricity	1 932	2 332	2 736	9 251	3 433	1 740	1 312	4 474	3 046	6 509	2 114
Other	5	12	—	5	7	13	15	19	—	—	—
No fuel used	—	—	3	18	—	—	—	—	—	—	8
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units											
With a mortgage	2 108	2 762	2 919	7 388	3 440	2 523	1 903	5 439	5 818	5 575	2 262
Less than \$100	1 415	1 693	2 159	4 750	2 055	1 515	1 284	3 264	4 663	4 328	1 767
\$100 to \$149	5	54	—	20	20	22	27	24	—	—	5
\$150 to \$199	27	76	2	144	86	79	69	134	106	15	70
\$200 to \$249	74	223	75	399	229	190	184	404	540	176	148
\$250 to \$299	186	256	183	895	399	287	297	712	600	398	117
\$300 to \$349	242	342	229	834	381	278	196	530	1 017	742	186
\$350 to \$399	185	221	345	688	341	252	132	520	771	686	265
\$400 to \$449	234	121	325	483	264	135	138	376	621	584	244
\$450 to \$499	173	108	254	398	100	79	80	238	344	510	115
\$500 to \$599	181	142	345	442	120	135	90	201	435	574	331
\$600 to \$749	49	122	249	278	87	53	54	69	179	365	193
\$750 or more	59	19	152	161	22	5	17	35	27	274	93
Median	\$397	\$333	\$438	\$355	\$338	\$332	\$317	\$332	\$353	\$412	\$419
Not mortgaged	693	1 069	760	2 638	1 385	1 008	619	2 175	1 155	1 247	495
Less than \$50	—	—	—	—	—	—	—	6	—	7	—
\$50 to \$74	—	15	15	11	6	10	26	24	12	—	10
\$75 to \$99	20	105	29	159	84	70	53	83	24	40	7
\$100 to \$149	193	492	141	855	386	419	256	574	438	304	112
\$150 to \$199	271	340	303	906	514	402	195	914	493	436	188
\$200 to \$249	145	85	138	466	268	77	62	429	135	267	110
\$250 or more	64	32	134	241	127	30	27	145	53	193	68
Median	\$168	\$142	\$180	\$164	\$167	\$151	\$146	\$168	\$158	\$183	\$182
GROSS RENT											
Specified renter-occupied housing units											
Less than \$50	463	716	452	3 877	1 336	273	344	1 181	671	1 927	451
\$50 to \$59	—	—	—	12	6	—	—	4	—	8	—
\$60 to \$79	—	—	—	25	—	—	—	—	5	—	—
\$80 to \$99	—	6	—	44	—	—	—	—	—	—	—
\$100 to \$119	5	7	—	98	9	—	10	—	—	—	—
\$120 to \$149	32	45	9	89	22	10	16	5	27	19	—
\$150 to \$169	13	27	5	96	24	11	33	39	—	7	20
\$170 to \$199	76	169	25	150	176	30	28	102	29	46	22
\$200 to \$249	83	175	159	530	297	100	36	313	172	196	49
\$250 to \$299	97	138	56	1 079	443	62	43	424	141	497	84
\$300 to \$349	35	26	57	951	145	6	99	124	172	559	108
\$350 to \$399	6	30	39	418	53	18	34	52	44	297	32
\$400 to \$499	61	13	57	211	72	3	17	39	31	139	58
\$500 or more	17	—	3	52	26	—	5	6	4	115	41
No cash rent	38	80	42	122	63	33	23	73	46	44	37
Median	\$252	\$215	\$254	\$289	\$261	\$238	\$293	\$260	\$278	\$315	\$315
HOUSEHOLD INCOME IN 1979											
Occupied housing units											
Median income	\$22 113	\$19 417	\$26 311	\$20 993	\$20 492	\$20 544	\$21 209	\$20 519	\$23 782	\$28 576	\$25 917
Owner-occupied housing units	2 953	3 371	3 328	9 289	4 542	2 992	2 927	7 117	6 750	6 168	2 681
Median income	\$23 658	\$21 286	\$28 113	\$24 517	\$22 522	\$21 325	\$21 838	\$21 853	\$24 616	\$31 610	\$27 495
Renter-occupied housing units	487	740	485	3 913	1 423	325	403	1 188	698	1 988	512
Median income	\$14 289	\$13 237	\$17 893	\$14 471	\$12 025	\$14 009	\$14 985	\$10 500	\$10 933	\$19 410	\$18 476
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units											
Percent below poverty level	3.4	6.4	4.0	5.4	7.7	4.6	2.8	7.7	2.8	2.6	5.1
Complete plumbing for exclusive use	90	216	132	506	342	131	83	531	182	161	136
1.01 or more persons per room	—	5	—	25	31	7	—	38	6	—	—
Lacking complete plumbing for exclusive use	10	—	—	6	8	—	—	14	7	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units											
Percent below poverty level	86	123	94	725	298	58	45	388	168	129	51
Complete plumbing for exclusive use	17.7	16.6	19.4	18.5	20.9	17.8	11.2	32.7	24.1	6.5	10.0
1.01 or more persons per room	86	100	91	713	290	58	45	379	165	121	51
Lacking complete plumbing for exclusive use	6	2	2	53	43	7	—	34	8	5	—
1.01 or more persons per room	—	23	3	12	8	—	—	9	3	8	—

Table 88a. Fuels and Financial Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Hamburg township	Hampton township	Harrison township	Highland township, Oakland County	Holland township, Ottawa County	Independence township	Kalamazoo township	Lansing township	Leoni township	Lincoln township, Berrien County	Macomb township
Occupied housing units	3 648	3 765	8 677	5 264	4 569	6 652	8 146	4 316	4 798	4 777	4 628
HOUSE HEATING FUEL											
Utility gas	2 549	2 939	7 218	4 103	4 017	5 449	6 273	3 456	3 716	3 221	3 895
Bottled, tank, or LP gas	157	58	128	206	22	113	28	8	130	11	63
Electricity	233	362	592	181	95	242	365	446	88	973	115
Fuel oil, kerosene, etc	629	382	706	738	389	779	1 399	357	810	522	491
Cool or coke	—	—	—	—	—	—	5	—	—	2	8
Wood	80	24	14	36	34	64	44	—	54	43	43
Other fuel	—	—	13	—	6	5	32	49	—	5	13
No fuel used	—	—	6	—	6	—	—	—	—	—	—
WATER HEATING FUEL											
Utility gas	1 904	2 598	6 503	3 108	3 289	4 368	6 132	3 197	3 020	2 292	3 370
Bottled, tank, or LP gas	117	63	174	168	48	130	84	44	141	40	82
Electricity	1 592	1 086	1 899	1 964	1 186	2 104	1 753	1 020	1 580	2 408	1 140
Fuel oil, kerosene, etc	35	12	59	24	28	29	151	50	34	12	28
Other	—	—	15	—	12	15	5	5	17	5	8
No fuel used	—	6	27	—	6	6	21	—	6	20	—
COOKING FUEL											
Utility gas	947	1 348	3 237	2 158	1 311	1 606	2 709	832	2 180	846	2 286
Bottled, tank, or LP gas	71	114	324	222	37	28	122	7	316	75	59
Electricity	2 624	2 303	5 110	2 872	3 215	5 009	5 309	3 463	2 284	3 849	2 275
Other	6	—	—	12	—	9	6	—	7	—	4
No fuel used	—	—	6	—	6	—	—	14	11	7	4
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	2 754	1 752	4 413	3 404	2 838	5 135	4 957	2 052	3 341	2 734	2 672
With a mortgage	1 952	997	3 154	2 735	1 835	4 201	2 881	1 252	1 873	2 057	2 043
Less than \$100	7	—	—	—	5	—	—	—	12	5	—
\$100 to \$149	6	6	7	6	8	4	28	—	42	8	—
\$150 to \$199	30	13	32	43	77	85	124	19	48	16	6
\$200 to \$249	53	94	26	84	194	278	332	134	280	86	47
\$250 to \$299	128	152	231	210	439	408	577	203	292	179	120
\$300 to \$349	235	186	462	321	362	397	570	275	355	323	170
\$350 to \$399	253	187	455	302	218	423	403	134	325	369	195
\$400 to \$449	224	132	488	398	181	565	272	162	184	336	221
\$450 to \$499	217	56	359	323	124	428	180	69	171	197	177
\$500 to \$599	344	83	559	534	171	565	264	162	120	229	539
\$600 to \$749	208	50	350	361	44	620	100	77	44	210	446
\$750 or more	247	38	185	153	12	428	31	17	—	99	122
Median	\$459	\$363	\$437	\$451	\$327	\$445	\$333	\$349	\$337	\$406	\$516
Not mortgaged	802	755	1 259	669	1 003	934	2 076	800	1 468	677	629
Less than \$50	—	—	—	—	—	6	—	—	—	—	—
\$50 to \$74	—	—	21	—	25	9	17	24	27	7	—
\$75 to \$99	47	51	9	48	84	12	154	51	129	28	6
\$100 to \$149	260	183	174	190	475	147	898	362	636	194	109
\$150 to \$199	291	286	400	238	318	324	696	272	488	319	203
\$200 to \$249	114	127	344	97	80	273	225	68	127	102	225
\$250 or more	102	102	311	96	21	169	80	23	61	27	86
Median	\$170	\$174	\$204	\$165	\$142	\$194	\$148	\$145	\$146	\$169	\$199
GROSS RENT											
Specified renter-occupied housing units	400	1 404	2 834	384	779	858	2 372	1 932	541	1 245	177
Less than \$50	—	10	—	—	—	—	6	—	—	—	—
\$50 to \$59	—	—	—	—	—	—	—	—	—	—	—
\$60 to \$79	—	55	—	—	—	—	16	—	—	—	—
\$80 to \$99	—	18	5	—	—	—	18	—	—	—	—
\$100 to \$119	6	14	—	—	20	—	21	19	15	23	—
\$120 to \$149	24	4	30	11	6	11	54	10	6	10	—
\$150 to \$169	—	82	21	—	20	11	58	58	37	29	—
\$170 to \$199	11	38	123	28	31	8	65	58	102	50	12
\$200 to \$249	98	393	314	49	225	73	510	584	109	223	44
\$250 to \$299	55	373	690	99	177	184	840	592	87	397	17
\$300 to \$349	72	236	761	91	122	188	493	382	56	306	38
\$350 to \$399	30	89	356	37	54	194	144	91	29	115	5
\$400 to \$499	34	51	156	21	10	121	54	73	10	33	14
\$500 or more	15	—	101	28	5	22	5	5	12	—	12
No cash rent	55	41	263	20	109	46	88	44	78	22	30
Median	\$290	\$257	\$306	\$297	\$258	\$332	\$274	\$263	\$230	\$283	\$268
HOUSEHOLD INCOME IN 1979											
Occupied housing units	3 648	3 765	8 677	5 264	4 569	6 652	8 146	4 316	4 798	4 777	4 628
Median income	\$24 061	\$19 295	\$22 356	\$23 593	\$19 386	\$29 560	\$17 280	\$17 305	\$19 344	\$21 742	\$26 177
Owner-occupied housing units	3 219	2 301	5 773	4 820	3 736	5 771	5 749	2 360	4 195	3 469	4 391
Median income	\$26 131	\$23 005	\$25 590	\$24 360	\$20 688	\$31 543	\$20 128	\$21 902	\$20 391	\$24 044	\$26 484
Renter-occupied housing units	429	1 464	2 904	444	833	881	2 397	1 956	603	1 308	237
Median income	\$17 601	\$12 326	\$17 689	\$14 583	\$14 964	\$17 395	\$12 578	\$13 947	\$13 620	\$15 717	\$16 250
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	100	114	262	155	157	159	285	127	318	122	157
Percent below poverty level	3.1	5.0	4.5	3.2	4.2	2.8	5.0	5.4	7.6	3.5	3.6
Complete plumbing for exclusive use	100	114	262	155	157	159	280	121	318	122	157
1.01 or more persons per room	10	12	—	5	5	7	—	—	7	6	7
Locking complete plumbing for exclusive use	—	—	—	—	—	—	5	6	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	60	248	210	55	115	50	429	213	87	146	52
Percent below poverty level	14.0	16.9	7.2	12.4	13.8	5.7	17.9	10.9	14.4	11.2	21.9
Complete plumbing for exclusive use	60	248	205	55	105	50	429	206	81	144	48
1.01 or more persons per room	—	5	—	4	33	—	—	9	—	6	—
Locking complete plumbing for exclusive use	—	—	5	—	10	—	—	—	6	2	4
1.01 or more persons per room	—	—	5	—	6	—	—	7	—	—	—

Table 88a. **Fuels and Financial Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.**

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

Towns/Townships	Meridon township	Milford township	Monitor township	Monroe township, Monroe County	Mount Morris township	Mundy township	Muskegon township	Niles township	Northville township	Orion township	Oranoka township
Occupied housing units -----	10 952	3 260	3 328	4 121	8 706	3 453	4 883	4 523	3 923	7 467	3 253
HOUSE HEATING FUEL											
Utility gas-----	8 588	2 053	2 761	3 493	7 411	2 736	4 537	3 034	3 607	6 707	1 565
Bottled, tank, or LP gas-----	83	172	87	95	82	141	37	51	6	49	23
Electricity-----	1 285	154	60	207	322	108	60	632	52	170	685
Fuel oil, kerosene, etc-----	909	837	394	311	841	458	209	717	258	464	868
Cool or coke-----	—	—	—	—	6	5	—	—	—	—	—
Wood-----	46	44	26	9	44	5	40	89	—	68	83
Other fuel-----	41	—	—	6	—	—	—	—	—	—	15
No fuel used-----	—	—	—	—	—	—	—	—	—	9	14
WATER HEATING FUEL											
Utility gas-----	7 909	1 729	2 480	2 921	6 466	2 536	4 129	1 954	3 316	5 554	941
Bottled, tank, or LP gas-----	138	171	94	96	97	136	55	39	23	46	28
Electricity-----	2 759	1 306	727	1 080	2 093	760	671	2 486	548	1 821	2 222
Fuel oil, kerosene, etc-----	102	54	14	12	45	21	7	13	31	35	53
Other-----	35	—	6	—	5	—	—	—	—	—	—
No fuel used-----	9	—	7	12	—	—	21	31	5	11	9
COOKING FUEL											
Utility gas-----	2 160	872	1 187	1 647	4 284	600	2 917	1 537	1 073	2 776	255
Bottled, tank, or LP gas-----	209	109	159	97	75	65	78	106	6	44	98
Electricity-----	8 583	2 279	1 982	2 365	4 332	2 788	1 879	2 873	2 816	4 647	2 893
Other-----	—	—	—	6	15	—	3	—	11	—	7
No fuel used-----	—	—	—	6	—	—	6	7	17	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units											
With a mortgage-----	4 845	2 057	2 454	2 128	6 147	2 510	3 530	3 161	2 016	4 967	1 255
Less than \$100-----	3 790	1 657	1 489	1 182	4 101	1 791	2 075	1 951	1 616	3 722	776
\$100 to \$149-----	8	—	—	23	34	—	—	11	—	—	—
\$150 to \$199-----	29	—	29	33	67	—	—	7	—	22	1
\$200 to \$249-----	53	35	55	71	203	27	284	125	17	66	11
\$250 to \$299-----	255	146	167	175	696	60	470	418	37	234	85
\$300 to \$349-----	275	214	247	204	788	131	476	417	—	375	96
\$350 to \$399-----	400	192	248	214	982	278	330	347	124	415	129
\$400 to \$449-----	430	151	245	146	535	311	166	214	42	474	93
\$450 to \$499-----	495	180	145	115	359	311	159	147	125	410	85
\$500 to \$599-----	633	356	199	107	206	255	42	94	88	306	107
\$600 to \$749-----	621	220	87	58	146	205	59	98	315	674	76
\$750 or more-----	591	163	68	36	22	35	35	41	416	269	65
Median-----	\$495	\$475	\$400	\$370	\$313	\$399	\$274	\$300	\$620	\$434	\$385
Not mortgaged-----	1 055	400	965	946	2 046	719	1 455	1 210	400	1 245	479
Less than \$50-----	—	—	—	—	6	—	—	12	—	—	—
\$50 to \$74-----	12	—	13	—	23	—	85	31	—	13	12
\$75 to \$99-----	39	11	31	68	82	6	269	178	16	23	32
\$100 to \$149-----	130	50	229	272	708	91	705	508	34	278	208
\$150 to \$199-----	262	108	333	385	701	313	312	327	79	461	183
\$200 to \$249-----	240	98	271	160	353	183	60	121	53	366	42
\$250 or more-----	372	133	88	61	173	126	12	45	208	104	2
Median-----	\$218	\$216	\$179	\$169	\$163	\$190	\$125	\$139	\$255	\$184	\$148
GROSS RENT											
Specified renter-occupied housing units											
Less than \$50-----	4 898	592	272	1 109	1 351	392	840	556	862	1 492	1 449
\$50 to \$59-----	18	7	—	8	7	—	24	—	—	6	—
\$60 to \$79-----	9	—	8	9	6	—	18	—	7	—	—
\$80 to \$99-----	107	19	—	91	—	—	26	—	—	—	19
\$100 to \$119-----	28	7	—	24	13	7	38	—	—	—	10
\$120 to \$149-----	69	16	12	45	—	—	38	—	—	—	18
\$150 to \$169-----	62	19	6	35	19	—	105	28	—	5	89
\$170 to \$199-----	54	5	11	20	31	15	98	8	—	30	104
\$200 to \$249-----	178	44	11	67	78	14	83	58	11	52	337
\$250 to \$299-----	548	77	31	262	244	19	174	179	38	229	365
\$300 to \$349-----	1 355	159	99	299	423	75	85	146	92	440	245
\$350 to \$399-----	1 231	121	55	90	200	129	78	30	338	295	115
\$400 to \$499-----	597	44	21	67	158	10	12	32	200	166	50
\$500 or more-----	375	26	—	53	103	10	12	13	81	184	34
No cash rent-----	163	31	—	—	—	9	3	—	53	52	5
Median-----	\$298	\$274	\$283	\$246	\$279	\$319	\$187	\$244	\$339	\$296	\$214
HOUSEHOLD INCOME IN 1979											
Occupied housing units											
Median income-----	10 952	3 260	3 328	4 121	8 706	3 453	4 883	4 523	3 923	7 467	3 253
Owner-occupied housing units-----	\$21 013	\$25 259	\$23 614	\$17 988	\$20 994	\$28 494	\$16 713	\$19 080	\$31 897	\$26 398	\$16 379
Median income-----	5 889	2 622	3 036	2 983	7 238	3 007	4 011	3 910	3 024	5 938	1 723
Renter-occupied housing units-----	\$29 599	\$27 488	\$24 585	\$20 661	\$23 091	\$30 174	\$18 240	\$20 534	\$36 357	\$28 489	\$21 780
Median income-----	5 063	638	292	1 138	1 468	446	872	613	899	1 529	1 530
Median income-----	\$13 920	\$14 435	\$15 071	\$10 339	\$9 718	\$16 268	\$8 830	\$9 424	\$20 223	\$18 666	\$10 655
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units											
Percent below poverty level-----	220	66	129	205	621	122	294	241	46	246	92
Complete plumbing for exclusive use-----	3.7	2.5	4.2	6.9	8.6	4.1	7.3	6.2	1.5	4.1	5.3
1.01 or more persons per room-----	220	66	122	195	621	122	288	234	41	246	92
Lacking complete plumbing for exclusive use-----	—	—	—	—	89	—	42	12	—	—	2
1.01 or more persons per room-----	—	—	7	10	—	—	6	7	5	—	—
1.01 or more persons per room-----	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units											
Percent below poverty level-----	925	123	47	235	546	65	225	154	23	107	316
Complete plumbing for exclusive use-----	18.3	19.3	16.1	20.7	37.2	14.6	25.8	25.1	2.6	7.0	20.7
1.01 or more persons per room-----	895	123	47	219	546	65	225	154	23	100	295
Lacking complete plumbing for exclusive use-----	41	14	—	—	80	5	11	8	—	—	79
1.01 or more persons per room-----	30	—	—	16	—	—	—	—	—	7	21
1.01 or more persons per room-----	6	—	—	—	—	—	—	—	—	—	6

Table 88a. Fuels and Financial Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Oscoda township	Oshtemo township	Oxford township	Park township, Ottawa County	Pittsfield township	Plainfield township, Kent County	Plymouth township	Pontiac township	Saginaw township	Shelby township, Macomb County	Southfield township
Occupied housing units -----	3 657	4 726	3 515	3 299	5 368	6 808	7 581	5 224	13 777	11 373	5 110
HOUSE HEATING FUEL											
Utility gas -----	1 723	3 212	2 767	2 795	4 161	5 661	6 960	4 265	12 257	9 677	4 205
Bottled, tank, or LP gas -----	156	118	138	17	90	102	35	43	64	36	9
Electricity -----	130	433	105	42	632	102	201	370	803	390	114
Fuel oil, kerosene, etc -----	1 471	876	454	422	462	901	334	493	614	1 236	782
Coal or coke -----	—	5	—	—	—	6	—	—	14	4	—
Wood -----	168	59	51	23	6	27	20	41	16	30	—
Other fuel -----	9	13	—	—	17	9	31	7	—	—	—
No fuel used -----	—	10	—	—	—	—	—	5	9	—	—
WATER HEATING FUEL											
Utility gas -----	1 308	2 914	2 242	2 398	3 653	5 162	6 340	3 583	11 255	8 260	3 604
Bottled, tank, or LP gas -----	117	156	130	65	100	154	42	139	54	82	35
Electricity -----	2 157	1 448	1 087	812	1 569	1 362	1 154	1 475	2 417	2 933	1 405
Fuel oil, kerosene, etc -----	70	199	34	24	36	124	25	27	46	72	61
Other -----	—	9	—	—	10	—	20	—	—	12	—
No fuel used -----	5	—	22	—	—	6	—	—	5	14	5
COOKING FUEL											
Utility gas -----	767	1 757	1 074	592	1 565	3 883	2 215	2 284	3 140	3 658	711
Bottled, tank, or LP gas -----	159	193	144	30	68	339	22	65	59	130	6
Electricity -----	2 719	2 776	2 290	2 677	3 727	2 586	5 331	2 870	10 578	7 580	4 393
Other -----	12	—	—	—	—	7	—	—	—	—	—
No fuel used -----	—	—	7	—	8	—	6	5	—	5	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units											
With a mortgage -----	1 495	1 413	2 033	2 626	1 513	4 624	5 022	2 632	8 492	8 742	4 493
Less than \$100 -----	928	1 023	1 531	2 009	1 256	3 409	4 306	1 766	5 881	7 038	3 361
\$100 to \$149 -----	2	—	—	7	—	28	8	5	8	14	—
\$150 to \$199 -----	101	6	9	45	5	93	—	25	27	45	6
\$200 to \$249 -----	127	38	50	171	7	533	84	80	136	235	15
\$250 to \$299 -----	123	54	138	235	27	521	204	217	405	355	42
\$300 to \$349 -----	130	131	168	300	62	559	439	289	660	769	128
\$350 to \$399 -----	137	133	242	251	154	492	508	327	849	913	318
\$400 to \$449 -----	66	141	177	283	193	435	455	240	633	1 099	219
\$450 to \$499 -----	108	99	194	165	106	256	345	143	770	762	377
\$500 to \$599 -----	67	182	230	265	269	305	724	231	1 007	1 146	514
\$600 to \$749 -----	43	140	180	201	293	130	729	123	933	1 089	658
\$750 or more -----	24	99	134	95	140	45	805	86	453	611	1 084
Median -----	\$343	\$454	\$442	\$401	\$522	\$346	\$512	\$391	\$464	\$456	\$610
Not mortgaged -----	567	390	502	617	257	1 215	716	866	2 611	1 704	1 132
Less than \$50 -----	12	—	—	—	—	—	—	—	—	—	—
\$50 to \$74 -----	31	11	—	12	4	—	—	8	8	9	—
\$75 to \$99 -----	107	—	6	38	3	90	5	18	36	21	8
\$100 to \$149 -----	257	133	93	243	36	563	74	310	296	293	13
\$150 to \$199 -----	98	130	244	176	102	419	237	318	949	454	179
\$200 to \$249 -----	47	72	91	99	62	96	199	156	765	511	343
\$250 or more -----	15	44	68	49	50	47	201	64	557	416	589
Median -----	\$121	\$166	\$179	\$155	\$192	\$147	\$211	\$163	\$201	\$207	\$256
GROSS RENT											
Specified renter-occupied housing units											
Less than \$50 -----	1 860	2 515	725	356	3 422	1 065	1 490	1 963	4 529	1 867	328
\$50 to \$59 -----	19	11	—	—	—	7	—	—	28	—	—
\$60 to \$79 -----	—	4	—	—	—	—	—	—	6	—	—
\$80 to \$99 -----	47	28	—	—	9	—	—	—	77	—	—
\$100 to \$119 -----	14	52	—	6	11	—	—	20	59	—	—
\$120 to \$149 -----	22	82	—	—	7	—	—	—	90	—	—
\$150 to \$169 -----	125	74	16	19	14	14	6	13	131	16	—
\$170 to \$199 -----	110	52	16	7	29	27	13	12	29	15	—
\$200 to \$249 -----	257	565	44	24	21	206	19	100	61	18	—
\$250 to \$299 -----	462	701	227	62	106	286	130	451	515	129	6
\$300 to \$349 -----	142	411	281	78	955	161	676	315	1 407	344	—
\$350 to \$399 -----	52	317	56	42	1 397	112	448	652	1 053	653	—
\$400 to \$499 -----	26	131	23	61	556	66	68	181	594	309	41
\$500 or more -----	11	57	28	21	207	109	32	143	386	253	77
No cash rent -----	6	11	10	14	83	11	51	24	34	55	175
Median -----	\$67	\$19	\$24	\$28	\$38	\$41	\$47	\$52	\$59	\$75	\$29
HOUSEHOLD INCOME IN 1979											
Occupied housing units											
Median income -----	3 657	4 726	3 515	3 299	5 368	6 808	7 581	5 224	13 777	11 373	5 110
Owner-occupied housing units -----	\$11 517	\$16 223	\$23 738	\$23 910	\$21 473	\$21 670	\$31 477	\$21 629	\$24 315	\$29 960	\$41 558
Median income -----	1 720	2 144	2 739	2 909	1 883	5 646	6 076	3 146	9 184	9 421	4 766
Renter-occupied housing units -----	\$15 344	\$23 448	\$27 058	\$25 101	\$30 359	\$22 853	\$35 035	\$25 032	\$28 801	\$32 638	\$42 907
Median income -----	1 937	2 582	776	390	3 485	1 162	1 505	2 078	4 593	1 952	344
Median income -----	\$9 531	\$11 739	\$13 803	\$15 889	\$17 654	\$15 180	\$17 924	\$17 512	\$15 863	\$19 942	\$20 214
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units											
Percent below poverty level -----	88	108	152	69	60	196	96	93	263	248	79
Complete plumbing for exclusive use -----	5.1	5.0	5.5	2.4	3.2	3.5	1.6	3.0	2.9	2.6	1.7
1.01 or more persons per room -----	88	108	137	69	60	196	96	93	258	248	79
Lacking complete plumbing for exclusive use -----	2	—	5	12	—	16	—	—	20	—	—
1.01 or more persons per room -----	—	—	15	—	—	—	—	—	5	—	—
Renter-occupied housing units											
Percent below poverty level -----	346	361	146	51	306	134	71	181	545	79	7
Complete plumbing for exclusive use -----	17.9	14.0	18.8	13.1	8.8	11.5	4.7	8.7	11.9	4.0	2.0
1.01 or more persons per room -----	346	361	139	51	306	134	71	181	545	79	7
Lacking complete plumbing for exclusive use -----	24	8	—	—	5	—	—	—	28	5	—
1.01 or more persons per room -----	—	—	7	—	—	—	—	—	—	—	—

Table 88a. Fuels and Financial Characteristics for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

Towns/Townships	Summit township, Jackson County	Sumpter township	Thomas township	Van Buren township	Vienna township, Genesee County	Washington township, Mocomb County	West Bloomfield township	White Lake township	Ypsilanti township
Occupied housing units -----	7 765	3 596	3 445	6 701	4 001	3 078	12 877	7 037	16 162
HOUSE HEATING FUEL									
Utility gas -----	6 784	2 438	2 658	5 063	3 084	2 129	11 782	5 922	14 065
Bottled, tank, or LP gas -----	56	472	63	53	121	113	15	105	224
Electricity -----	161	100	270	1 150	94	211	315	214	983
Fuel oil, kerosene, etc -----	708	533	405	404	636	571	740	771	676
Cool or coke -----	5	14	6	—	—	6	—	6	6
Wood -----	45	33	43	19	60	42	19	16	25
Other fuel -----	6	—	—	12	—	6	—	—	175
No fuel used -----	—	6	—	—	6	—	6	3	8
WATER HEATING FUEL									
Utility gas -----	6 250	1 961	2 375	4 382	2 581	1 720	10 092	4 315	12 605
Bottled, tank, or LP gas -----	122	466	52	102	167	113	28	99	209
Electricity -----	1 313	1 109	993	2 186	1 218	1 195	2 718	2 555	3 264
Fuel oil, kerosene, etc -----	56	28	21	25	31	44	39	62	43
Other -----	—	6	4	—	—	—	—	—	12
No fuel used -----	24	26	—	6	4	6	—	6	29
COOKING FUEL									
Utility gas -----	3 001	1 886	1 125	2 891	1 185	641	2 057	2 505	7 537
Bottled, tank, or LP gas -----	109	442	88	72	174	82	11	58	333
Electricity -----	4 650	1 245	2 232	3 732	2 631	2 350	10 794	4 474	8 292
Other -----	5	23	—	—	5	5	15	—	—
No fuel used -----	—	—	—	6	6	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units -----	5 839	1 616	2 485	3 252	2 765	2 167	10 134	4 986	7 533
With a mortgage -----	3 639	1 089	1 856	2 440	1 942	1 607	8 615	3 845	5 958
Less than \$100 -----	11	—	—	—	6	—	—	—	18
\$100 to \$149 -----	38	7	—	7	—	7	8	23	11
\$150 to \$199 -----	173	7	42	28	28	—	19	45	93
\$200 to \$249 -----	408	77	53	129	119	11	125	135	565
\$250 to \$299 -----	637	112	175	294	228	26	267	337	862
\$300 to \$349 -----	447	193	289	422	488	142	439	508	1 000
\$350 to \$399 -----	547	150	379	378	459	132	548	610	865
\$400 to \$449 -----	370	180	256	323	288	212	559	437	670
\$450 to \$499 -----	296	140	205	245	159	195	548	439	495
\$500 to \$599 -----	299	158	276	268	154	378	1 451	616	718
\$600 to \$749 -----	319	52	131	148	43	267	1 748	458	404
\$750 or more -----	94	13	50	132	36	237	2 903	237	257
Median -----	\$360	\$399	\$399	\$386	\$368	\$519	\$624	\$430	\$375
Not mortgaged -----	2 200	527	629	812	823	560	1 519	1 141	1 575
Less than \$50 -----	—	—	6	—	6	—	—	—	—
\$50 to \$74 -----	46	—	7	—	4	7	—	—	—
\$75 to \$99 -----	206	13	20	14	37	—	9	55	40
\$100 to \$149 -----	721	134	142	152	242	40	116	250	428
\$150 to \$199 -----	703	197	248	338	344	170	386	477	654
\$200 to \$249 -----	339	86	136	197	123	157	350	229	267
\$250 or more -----	185	97	70	111	67	186	658	130	186
Median -----	\$157	\$172	\$182	\$184	\$168	\$220	\$235	\$178	\$172
GROSS RENT									
Specified renter-occupied housing units -----	1 290	268	309	2 087	645	505	731	786	6 637
Less than \$50 -----	—	—	—	—	—	—	—	—	55
\$50 to \$59 -----	—	—	—	—	—	—	—	—	6
\$60 to \$79 -----	22	7	—	—	—	—	—	—	153
\$80 to \$99 -----	4	—	—	—	—	—	—	—	121
\$100 to \$119 -----	3	4	—	—	—	—	—	5	36
\$120 to \$149 -----	20	15	—	15	11	8	—	—	159
\$150 to \$169 -----	14	5	29	34	—	7	—	13	108
\$170 to \$199 -----	80	13	21	12	45	35	—	50	137
\$200 to \$249 -----	258	78	38	111	153	69	23	153	778
\$250 to \$299 -----	316	27	93	256	259	175	28	128	1 671
\$300 to \$349 -----	267	38	38	453	89	73	103	152	1 595
\$350 to \$399 -----	114	45	55	469	12	42	38	113	741
\$400 to \$499 -----	62	5	5	519	46	24	175	77	793
\$500 or more -----	44	21	20	131	—	27	311	40	225
No cash rent -----	86	10	10	87	30	45	53	55	59
Median -----	\$284	\$267	\$279	\$363	\$266	\$279	\$484	\$305	\$302
HOUSEHOLD INCOME IN 1979									
Occupied housing units -----	7 765	3 596	3 445	6 701	4 001	3 078	12 877	7 037	16 162
Median income -----	\$22 065	\$20 935	\$25 177	\$24 292	\$23 403	\$27 238	\$40 290	\$24 621	\$21 523
Owner-occupied housing units -----	6 431	3 220	3 080	4 509	3 322	2 532	12 078	6 219	9 390
Median income -----	\$23 899	\$21 916	\$26 513	\$25 841	\$26 129	\$30 113	\$41 488	\$26 729	\$25 150
Renter-occupied housing units -----	1 334	376	365	2 192	679	546	799	818	6 772
Median income -----	\$14 330	\$11 927	\$15 472	\$21 369	\$11 941	\$14 692	\$25 373	\$14 669	\$16 627
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units -----	297	190	91	210	157	102	241	256	414
Percent below poverty level -----	4.6	5.9	3.0	4.7	4.7	4.0	2.0	4.1	4.4
Complete plumbing for exclusive use -----	281	183	91	210	153	102	241	256	405
1.01 or more persons per room -----	7	—	5	—	6	6	6	5	35
Lacking complete plumbing for exclusive use -----	16	7	—	—	4	—	—	—	9
1.01 or more persons per room -----	4	7	—	—	—	—	—	—	—
Renter-occupied housing units -----	170	114	51	184	168	40	29	143	986
Percent below poverty level -----	12.7	30.3	14.0	8.4	24.7	7.3	3.6	17.5	14.6
Complete plumbing for exclusive use -----	157	103	51	179	168	40	29	143	972
1.01 or more persons per room -----	—	15	7	19	17	—	—	13	52
Lacking complete plumbing for exclusive use -----	13	11	—	5	—	—	—	—	14
1.01 or more persons per room -----	8	—	—	—	—	—	—	—	—

Table 89. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 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]

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Adrian city	Albion city		Beecher (CDP)		Ecorse city		Hamtramck city	
		Race		Race		Race		Race	
	Spanish origin ¹	White	Black	White	Black	White	Black	White	Black
Occupied housing units	645	2 431	1 021	2 676	2 210	3 139	1 763	8 028	1 059
YEAR STRUCTURE BUILT									
1979 to March 1980	19	50	5	18	8	4	—	21	—
1975 to 1978	16	37	15	11	30	34	19	18	2
1970 to 1974	41	63	142	189	238	155	42	28	12
1960 to 1969	72	272	204	406	1 039	168	438	75	29
1950 to 1959	128	377	209	1 022	730	506	528	430	78
1940 to 1949	85	296	126	550	120	580	415	1 062	261
1939 or earlier	284	1 336	320	480	45	1 692	321	6 394	677
BEDROOMS									
None	11	40	6	—	—	22	12	64	4
1	76	327	80	160	108	475	165	861	137
2	207	701	358	1 109	341	1 347	423	4 498	505
3	253	987	434	1 164	1 453	1 018	913	2 098	333
4	76	301	119	194	285	228	204	407	50
5 or more	22	75	24	49	23	49	46	100	30
UNITS IN STRUCTURE									
1, detached	408	1 683	629	2 502	1 882	2 025	1 321	3 427	423
1, attached	32	32	73	11	132	35	73	124	65
2	63	243	127	24	18	514	149	3 448	416
3 and 4	30	180	60	16	41	242	100	697	62
5 to 9	71	122	98	10	77	148	88	153	54
10 to 49	12	98	29	25	48	55	32	136	29
50 or more	17	70	5	—	12	—	—	43	10
Mobile home or trailer, etc.	12	3	—	88	—	120	—	—	—
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing units	242	881	514	654	527	1 172	620	3 470	672
1, mobile home or trailer, etc.	91	258	206	604	378	419	289	506	213
Median gross rent	\$321	\$245	\$212	\$262	\$294	\$235	\$226	\$198	\$198
2 or more	151	623	308	50	149	753	331	2 964	459
Median gross rent	\$221	\$186	\$211	\$267	\$258	\$210	\$204	\$176	\$192
BATHROOMS									
No bathroom or only a half bath	5	54	38	62	14	90	43	513	35
1 complete bathroom	504	1 591	798	2 242	1 409	2 398	1 353	6 612	891
1 complete bathroom plus half bath(s)	66	475	126	314	617	366	277	554	94
2 or more complete bathrooms	70	311	59	58	170	285	90	349	39
SOURCE OF WATER									
Public system or private company	645	2 329	1 010	2 635	2 181	3 139	1 763	8 021	1 059
Individual drilled well	—	102	11	35	29	—	—	7	—
Individual dug well	—	—	—	—	—	—	—	—	—
Some other source	—	—	—	6	—	—	—	—	—
HEATING EQUIPMENT									
Steam or hot water system	35	294	66	92	107	383	166	2 715	262
Central warm-air furnace	499	1 812	756	1 966	1 745	2 230	1 315	3 961	481
Electric heat pump	—	15	7	11	12	—	5	26	—
Other built-in electric units	—	23	2	6	62	23	11	39	12
Floor, wall, or pipeless furnace	26	78	46	224	73	135	103	282	97
Room heaters with flue	64	147	126	271	168	306	130	777	167
Room heaters without flue	14	43	13	77	43	45	27	132	26
Fireplaces, stoves, or portable room heaters	7	19	5	29	—	17	6	96	14
None	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS									
No telephone	85	162	116	227	139	318	76	631	110
No complete kitchen facilities	24	18	32	13	25	32	16	137	31
Lacking air conditioning	516	1 885	901	2 123	1 835	1 882	1 211	5 382	893
Lacking public sewer	5	46	11	87	31	7	22	20	19
No vehicle available	74	314	283	291	346	510	401	2 421	400
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	403	1 537	503	2 008	1 625	1 940	1 116	4 542	368
1979 to March 1980	53	179	10	196	176	198	57	274	10
1975 to 1978	123	311	101	405	371	269	57	570	46
1970 to 1974	106	172	90	254	458	212	89	541	48
1960 to 1969	73	296	125	562	554	428	331	531	108
1950 to 1959	28	268	80	413	66	404	292	710	53
1949 or earlier	20	311	97	178	—	429	290	1 916	103
Renter-occupied housing units	242	894	518	668	585	1 199	647	3 486	691
1979 to March 1980	115	444	173	335	242	502	140	1 109	180
1975 to 1978	108	317	190	222	275	376	222	1 219	235
1970 to 1974	8	72	102	73	36	187	140	386	82
1960 to 1969	11	37	12	13	32	65	115	306	139
1959 or earlier	—	24	41	25	—	69	30	466	55
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	46	659	101	467	130	737	400	2 638	292
Owner-occupied housing units	29	473	74	417	114	601	346	1 960	131
Lacking complete plumbing for exclusive use	—	18	—	9	—	18	—	64	—
No complete kitchen facilities	—	—	—	13	—	6	—	17	—
No vehicle available	11	185	39	61	16	266	130	1 433	105
No telephone	11	17	—	18	—	21	15	160	—
Lacking central heating system	—	47	9	111	5	76	58	324	71
Lacking air conditioning	39	533	97	363	84	390	280	1 957	252

¹Persons of Spanish origin may be of any race.

Table 89. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.

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

Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]

	Highland Park city		Holland city	Inkster city		Kentwood city		Lincoln Park city	Monroe city	
	Race			Race		Race			Race	
	White	Black	Spanish origin ¹	White	Black	White	Black	Spanish origin ¹	White	Black
Occupied housing units	2 214	8 015	708	5 687	5 953	10 878	446	321	7 699	328
YEAR STRUCTURE BUILT										
1979 to March 1980	—	78	—	17	19	813	22	—	27	—
1975 to 1978	42	517	5	189	121	2 164	150	9	179	17
1970 to 1974	75	334	39	702	682	2 844	121	23	766	40
1960 to 1969	52	310	79	1 013	1 568	2 785	72	69	903	37
1950 to 1959	96	766	51	2 853	2 111	1 341	51	116	1 320	30
1940 to 1949	243	2 024	138	637	994	396	24	54	971	89
1939 or earlier	1 706	3 986	396	276	458	535	6	50	3 533	115
BEDROOMS										
None	310	391	11	185	84	239	26	—	73	6
1	694	2 117	144	1 022	542	1 470	109	35	1 172	57
2	436	2 046	165	1 593	1 512	3 891	145	100	2 211	99
3	450	1 947	235	2 522	3 058	3 761	137	175	2 988	114
4	273	1 214	131	324	687	1 271	29	11	1 024	42
5 or more	51	300	22	41	70	246	—	—	231	10
UNITS IN STRUCTURE										
1, detached	808	3 158	417	3 870	4 612	5 455	168	253	5 169	220
1, attached	18	189	8	53	408	642	6	6	113	9
2	225	1 278	173	30	177	514	11	21	901	15
3 and 4	115	633	28	59	206	306	—	3	389	20
5 to 9	160	283	31	178	204	654	27	30	362	7
10 to 49	304	1 214	44	736	97	2 414	218	8	599	47
50 or more	584	1 250	7	668	238	207	11	—	160	10
Mobile home or trailer, etc.	—	10	—	93	11	686	5	—	6	—
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	1 391	5 083	336	2 112	1 840	4 279	281	92	2 627	156
1, mobile home or trailer, etc.	107	767	101	482	1 025	688	14	41	530	57
Median gross rent	\$221	\$277	\$283	\$294	\$245	\$322	\$194	\$321	\$295	\$224
2 or more	1 284	4 316	235	1 630	815	3 591	267	51	2 097	99
Median gross rent	\$163	\$193	\$236	\$260	\$213	\$254	\$236	\$272	\$233	\$204
BATHROOMS										
No bathroom or only a half bath	94	304	24	43	105	74	—	—	197	24
1 complete bathroom	1 731	5 801	582	4 639	4 376	6 280	315	261	4 694	232
1 complete bathroom plus half bath(s)	305	1 372	79	698	1 082	2 628	74	30	1 890	49
2 or more complete bathrooms	84	538	23	307	390	1 896	57	30	918	23
SOURCE OF WATER										
Public system or private company	2 214	8 015	686	5 687	5 953	10 084	432	321	7 693	328
Individual drilled well	—	—	16	—	—	746	14	—	6	—
Individual dug well	—	—	—	—	—	48	—	—	—	—
Some other source	—	—	6	—	—	—	—	—	—	—
HEATING EQUIPMENT										
Steam or hot water system	1 282	3 155	51	438	299	1 303	102	40	1 166	34
Central warm-air furnace	829	3 856	531	4 703	4 834	8 959	285	261	5 437	169
Electric heat pump	—	132	—	68	67	77	9	—	38	—
Other built-in electric units	18	152	16	276	126	118	30	6	470	22
Floor, wall, or pipeless furnace	24	270	14	66	168	166	—	14	156	40
Room heaters with flue	54	382	73	97	350	141	16	—	327	58
Room heaters without flue	7	61	15	23	71	57	4	—	86	5
Fireplaces, stoves, or portable room heaters	—	—	8	16	38	42	—	—	19	—
None	—	7	—	—	—	15	—	—	—	—
SELECTED CHARACTERISTICS										
No telephone	256	923	118	139	295	151	9	—	293	40
No complete kitchen facilities	94	340	—	—	68	53	—	—	80	6
Lacking air conditioning	1 533	5 845	639	2 438	3 731	5 086	158	177	4 092	204
Lacking public sewer	18	247	21	15	42	1 184	17	—	20	4
No vehicle available	851	3 456	89	518	889	388	12	23	904	74
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	805	2 845	351	3 562	3 994	6 481	165	229	5 034	164
1979 to March 1980	27	236	73	403	266	898	36	19	377	14
1975 to 1978	116	504	113	729	703	2 037	69	101	1 002	47
1970 to 1974	145	584	67	531	884	1 190	12	27	764	6
1960 to 1969	179	1 218	90	716	1 170	1 709	36	57	1 176	50
1950 to 1959	137	190	4	1 021	583	486	6	6	922	35
1949 or earlier	201	113	4	162	388	161	6	19	793	12
Renter-occupied housing units	1 409	5 170	357	2 125	1 959	4 397	281	92	2 665	164
1979 to March 1980	351	2 039	137	823	486	2 834	164	58	958	15
1975 to 1978	476	2 225	157	926	843	1 237	102	19	1 069	98
1970 to 1974	250	599	52	270	361	245	15	10	382	35
1960 to 1969	172	273	5	77	188	32	—	5	191	4
1959 or earlier	160	34	6	29	81	49	—	—	65	12
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	788	1 200	36	1 148	992	1 407	7	17	1 724	43
Owner-occupied housing units	303	448	13	476	689	1 018	7	4	1 274	16
Lacking complete plumbing for exclusive use	26	7	—	10	20	24	—	—	59	—
No complete kitchen facilities	41	10	—	—	10	—	—	—	13	—
No vehicle available	476	678	15	399	246	192	—	8	526	15
No telephone	79	79	8	15	13	10	—	—	39	—
Lacking central heating system	77	89	4	25	124	45	—	—	82	5
Lacking air conditioning	536	661	24	547	660	744	7	9	916	29

¹Persons of Spanish origin may be of any race.

Table 89. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.

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

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	Mount Clemens city		Niles city		Oak Park city		Port Huron city		Spanish origin ¹
	Race		Race		Race		Race		
	White	Black	White	Black	White	Black	White	Black	
Occupied housing units -----	5 964	1 032	4 686	478	9 878	1 053	11 835	750	230
YEAR STRUCTURE BUILT									
1979 to March 1980 -----	35	—	7	—	55	—	111	9	—
1975 to 1978 -----	325	58	171	14	14	—	261	17	—
1970 to 1974 -----	360	181	437	36	245	10	628	119	31
1960 to 1969 -----	822	397	501	69	1 490	301	1 244	164	15
1950 to 1959 -----	1 184	98	571	53	6 320	652	1 614	79	19
1940 to 1949 -----	811	88	741	68	1 454	66	1 993	57	18
1939 or earlier -----	2 427	210	2 258	238	300	24	5 984	305	147
BEDROOMS									
None -----	113	18	78	21	76	—	273	24	5
1 -----	1 532	203	828	69	481	6	1 867	121	39
2 -----	1 567	212	1 578	178	2 688	153	3 872	219	54
3 -----	2 066	433	1 570	87	5 665	707	4 311	238	82
4 -----	558	138	538	111	878	180	1 260	123	50
5 or more -----	128	28	114	12	90	7	252	25	—
UNITS IN STRUCTURE									
1, detached -----	3 355	636	3 196	348	8 060	972	8 064	440	118
1, attached -----	206	24	44	—	597	49	156	46	5
2 -----	546	100	290	38	114	—	1 394	51	57
3 and 4 -----	487	96	311	19	236	8	1 014	29	27
5 to 9 -----	342	54	301	7	273	—	483	104	17
10 to 49 -----	570	92	347	20	300	9	384	38	—
50 or more -----	414	27	172	39	298	15	284	42	6
Mobile home or trailer, etc. -----	44	3	25	7	—	—	56	—	—
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing units -----	2 446	432	1 701	229	2 075	61	4 433	395	133
1, mobile home or trailer, etc. -----	332	117	435	119	978	31	1 237	161	33
Median gross rent -----	\$295	\$324	\$254	\$289	\$341	\$435	\$298	\$252	\$293
2 or more -----	2 114	315	1 266	110	1 097	30	3 196	234	100
Median gross rent -----	\$233	\$258	\$206	\$209	\$301	\$438	\$219	\$174	\$244
BATHROOMS									
No bathroom or only a half bath -----	169	30	90	12	22	—	281	24	19
1 complete bathroom -----	4 044	751	3 139	370	4 764	151	8 829	611	170
1 complete bathroom plus half bath(s) -----	1 187	194	877	61	3 126	538	1 764	74	35
2 or more complete bathrooms -----	564	57	580	35	1 966	364	961	41	6
SOURCE OF WATER									
Public system or private company -----	5 959	1 032	4 672	478	9 871	1 046	11 823	750	230
Individual drilled well -----	5	—	14	—	7	—	—	—	—
Individual dug well -----	—	—	—	—	—	—	—	—	—
Some other source -----	—	—	—	—	—	—	12	—	—
HEATING EQUIPMENT									
Steam or hot water system -----	1 302	76	426	36	340	23	2 099	106	31
Central warm-air furnace -----	3 995	621	3 616	343	9 042	954	8 305	486	137
Electric heat pump -----	68	59	77	—	19	—	58	20	—
Other built-in electric units -----	272	122	259	25	174	—	241	5	5
Floor, wall, or pipeless furnace -----	129	23	94	25	92	14	407	59	19
Room heaters with flue -----	148	82	183	44	154	50	550	67	27
Room heaters without flue -----	24	41	19	5	57	5	119	7	11
Fireplaces, stoves, or portable room heaters -----	15	—	12	—	—	—	56	—	—
None -----	11	8	—	—	—	7	—	—	—
SELECTED CHARACTERISTICS									
No telephone -----	264	63	194	74	40	—	678	52	36
No complete kitchen facilities -----	95	32	63	—	37	13	172	17	—
Lacking air conditioning -----	3 353	690	2 171	303	2 497	145	9 101	661	196
Lacking public sewer -----	12	14	90	—	24	11	84	—	4
No vehicle available -----	699	218	679	111	782	25	1 550	261	33
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units -----	3 505	589	2 957	236	7 722	981	7 362	328	97
1979 to March 1980 -----	365	32	278	8	598	222	642	17	7
1975 to 1978 -----	711	75	592	46	1 528	602	1 628	38	13
1970 to 1974 -----	497	175	452	42	1 177	140	1 258	82	19
1960 to 1969 -----	725	256	525	87	1 853	9	1 548	79	31
1950 to 1959 -----	689	34	454	40	2 276	8	1 182	28	27
1949 or earlier -----	518	17	656	13	290	—	1 104	84	—
Renter-occupied housing units -----	2 459	443	1 729	242	2 156	72	4 473	422	133
1979 to March 1980 -----	1 177	151	785	137	602	39	2 195	166	69
1975 to 1978 -----	939	171	544	60	887	33	1 463	128	52
1970 to 1974 -----	199	71	233	17	274	—	471	59	5
1960 to 1969 -----	63	44	108	22	294	—	235	60	—
1959 or earlier -----	81	6	59	6	99	—	109	9	7
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units -----	1 354	149	1 288	127	2 453	17	2 803	190	12
Owner-occupied housing units -----	843	81	898	87	1 776	11	2 023	102	12
Lacking complete plumbing for exclusive use -----	29	3	10	—	18	—	40	9	—
No complete kitchen facilities -----	23	3	20	—	11	6	96	—	—
No vehicle available -----	461	61	416	38	665	—	718	85	—
No telephone -----	41	5	19	—	15	—	74	—	—
Lacking central heating system -----	37	18	51	5	29	—	161	22	6
Lacking air conditioning -----	702	119	654	93	658	—	2 095	167	12

¹Persons of Spanish origin may be of any race.

Table 89. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.

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

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	River Rouge city		Ramulus city		Sault Ste. Marie city		Wayne city		Ypsilanti city	
	Race		Race		Race		Race		Race	
	White	Black	White	Black	White	American Indian, Eskimo, and Aleut	White	Black	White	Black
Occupied housing units	3 219	1 374	6 297	1 419	4 806	354	6 610	367	5 903	2 304
YEAR STRUCTURE BUILT										
1979 to March 1980	—	—	138	9	93	...	28	—	22	14
1975 to 1978	—	12	214	50	340	...	292	26	133	48
1970 to 1974	14	77	1 098	295	257	...	510	180	427	324
1960 to 1969	76	369	2 329	499	550	...	1 148	138	1 127	696
1950 to 1959	288	231	780	156	522	...	2 013	17	943	374
1940 to 1949	666	285	895	288	665	...	1 693	—	916	410
1939 or earlier	2 175	400	843	122	2 379	...	926	6	2 335	438
BEDROOMS										
None	32	8	29	10	56	...	52	—	269	49
1	652	181	476	209	645	...	957	74	1 956	732
2	1 188	386	1 817	573	1 625	...	1 749	214	1 809	789
3	882	618	3 326	477	1 730	...	3 072	59	1 255	526
4	385	146	559	128	634	...	706	9	501	189
5 or more	80	35	90	22	116	...	74	11	113	19
UNITS IN STRUCTURE										
1, detached	1 666	919	4 698	718	3 132	...	4 833	27	2 332	823
1, attached	35	87	283	266	17	...	380	165	72	284
2	724	163	68	56	534	...	133	—	423	198
3 and 4	478	135	114	3	302	...	180	25	695	211
5 to 9	140	70	370	134	176	...	372	57	750	238
10 to 49	176	—	325	209	176	...	409	39	1 309	355
50 or more	—	—	59	33	76	...	303	54	318	195
Mobile home or trailer, etc.	—	—	380	—	393	...	—	—	4	—
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	1 444	554	1 600	723	1 414	...	1 884	281	3 627	1 509
1, mobile home or trailer, etc.	229	248	733	306	407	...	585	116	356	388
Median gross rent	\$232	\$219	\$281	\$249	\$237	...	\$252	\$209	\$355	\$278
2 or more	1 215	306	867	417	1 007	...	1 299	165	3 271	1 121
Median gross rent	\$178	\$196	\$254	\$277	\$160	...	\$257	\$308	\$234	\$250
BATHROOMS										
No bathroom or only a half bath	64	7	54	34	83	...	74	—	220	49
1 complete bathroom	2 474	1 049	4 554	999	3 472	...	4 470	241	4 054	1 646
1 complete bathroom plus half bath(s) ..	410	245	1 224	288	744	...	1 266	106	1 024	478
2 or more complete bathrooms	271	73	465	98	507	...	800	20	605	131
SOURCE OF WATER										
Public system or private company	3 219	1 374	6 095	1 390	4 752	...	6 598	367	5 888	2 304
Individual drilled well	—	—	166	20	54	...	12	—	15	—
Individual dug well	—	—	36	9	—	...	—	—	—	—
Some other source	—	—	—	—	—	...	—	—	—	—
HEATING EQUIPMENT										
Steam or hot water system	1 007	166	649	187	1 098	...	718	113	1 650	321
Central warm-air furnace	1 820	940	4 877	972	3 194	...	5 398	229	3 824	1 662
Electric heat pump	—	14	30	42	31	...	20	—	29	19
Other built-in electric units	29	24	121	34	139	...	119	20	184	109
Floor, wall, or pipeless furnace	51	73	161	62	69	...	163	—	71	45
Room heaters with flue	307	134	355	90	198	...	150	5	109	83
Room heaters without flue	—	17	70	24	45	...	11	—	31	42
Fireplaces, stoves, or portable room heaters	5	6	34	8	32	...	26	—	3	—
None	—	—	—	—	—	...	5	—	2	23
SELECTED CHARACTERISTICS										
No telephone	344	99	206	51	196	...	154	14	360	281
No complete kitchen facilities	36	30	26	14	53	...	50	—	93	25
Lacking air conditioning	2 166	1 025	4 042	945	4 624	...	3 134	250	3 181	1 568
Lacking public sewer	9	7	561	57	331	...	22	—	40	23
No vehicle available	819	324	283	119	715	...	472	79	661	704
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	1 752	813	4 619	638	3 376	...	4 704	48	2 276	717
1979 to March 1980	95	17	528	79	323	...	391	—	280	27
1975 to 1978	269	46	1 153	126	780	...	1 227	27	575	99
1970 to 1974	308	108	974	99	497	...	708	21	240	162
1960 to 1969	303	304	1 141	56	649	...	1 097	—	513	210
1950 to 1959	242	102	365	123	526	...	863	—	404	136
1949 or earlier	535	236	458	155	601	...	418	—	264	83
Renter-occupied housing units	1 467	561	1 678	781	1 430	...	1 906	319	3 627	1 587
1979 to March 1980	590	108	744	165	742	...	871	98	2 120	654
1975 to 1978	399	212	608	422	373	...	694	146	1 209	554
1970 to 1974	159	70	215	171	152	...	186	75	169	258
1960 to 1969	185	115	83	23	130	...	125	—	102	94
1959 or earlier	134	56	28	—	33	...	30	—	27	27
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	819	288	690	230	1 261	...	1 011	25	766	323
Owner-occupied housing units	579	216	556	183	977	...	674	6	518	175
Lacking complete plumbing for exclusive use	16	—	11	—	19	...	4	—	4	—
No complete kitchen facilities	6	—	—	—	13	...	4	—	—	—
No vehicle available	355	109	103	35	311	...	240	16	211	135
No telephone	67	15	7	11	19	...	7	—	—	36
Lacking central heating system	97	35	100	42	66	...	12	—	17	26
Lacking air conditioning	568	248	506	189	1 256	...	498	9	382	243

¹Persons of Spanish origin may be of any race.

Table 89a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 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]

**Towns/Townships
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Bedford township, Calhoun County		Benton township, Berrien County		Blackman township		Bloomfield township, Oakland County	
	Race		Race		Race		Race	
	White	Black	White	Black	White	Black	White	Asian and Pacific Islander
Occupied housing units	2 881	325	4 630	2 155	5 156	97	13 559	330
YEAR STRUCTURE BUILT								
1979 to March 1980	36	—	69	25	112	4	298	50
1975 to 1978	207	18	116	81	969	46	1 108	72
1970 to 1974	341	24	440	471	804	17	1 400	52
1960 to 1969	572	131	860	608	850	13	5 111	88
1950 to 1959	816	139	1 246	405	950	—	4 756	68
1940 to 1949	331	—	856	276	537	—	435	—
1939 or earlier	578	13	1 043	289	934	17	451	—
BEDROOMS								
None	—	—	57	9	77	—	28	—
1	176	17	432	372	887	25	557	7
2	962	19	1 885	835	1 744	43	1 743	49
3	1 417	253	1 783	642	1 871	18	4 614	63
4	259	36	420	228	506	11	5 245	172
5 or more	67	—	53	69	71	—	1 372	39
UNITS IN STRUCTURE								
1, detached	2 522	319	3 670	1 162	3 557	34	11 289	273
1, attached	—	—	57	346	62	—	597	12
2	71	—	83	90	68	4	—	—
3 and 4	35	—	89	61	45	21	462	7
5 to 9	8	—	58	144	54	9	831	33
10 to 49	12	—	253	287	690	29	271	—
50 or more	—	—	40	42	411	—	67	5
Mobile home or trailer, etc.	233	6	380	23	269	—	42	—
UNITS IN STRUCTURE BY GROSS RENT								
Specified renter-occupied housing units	284	...	1 329	1 097	1 542	...	1 430	31
1, mobile home or trailer, etc.	193	...	895	531	377	...	306	4
Median gross rent	\$270	...	\$242	\$226	\$274	...	\$500+	\$500+
2 or more	91	...	434	566	1 165	...	1 124	27
Median gross rent	\$220	...	\$223	\$233	\$246	...	\$428	\$396
BATHROOMS								
No bathroom or only a half bath	37	—	29	29	24	5	23	—
1 complete bathroom	1 961	236	3 540	1 648	3 858	50	935	7
1 complete bathroom plus half bath(s)	466	58	660	304	788	31	1 930	53
2 or more complete bathrooms	417	31	401	174	486	11	10 671	270
SOURCE OF WATER								
Public system or private company	333	221	1 372	1 333	1 694	63	11 821	305
Individual drilled well	2 442	71	3 072	753	3 341	29	1 614	25
Individual dug well	99	27	173	69	121	5	113	—
Some other source	7	6	13	—	—	—	11	—
HEATING EQUIPMENT								
Steam or hot water system	225	14	256	100	485	12	1 913	25
Central warm-air furnace	2 316	279	3 044	1 250	4 052	71	11 479	298
Electric heat pump	—	—	79	44	105	—	26	—
Other built-in electric units	71	6	473	350	181	9	56	—
Floor, wall, or pipeless furnace	59	—	155	58	53	5	18	—
Room heaters with flue	121	19	446	293	187	—	44	7
Room heaters without flue	8	7	120	25	30	—	18	—
Fireplaces, stoves, or portable room heaters	81	—	57	35	63	—	5	—
None	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS								
No telephone	29	17	284	153	112	12	36	6
No complete kitchen facilities	35	6	60	53	37	13	12	6
Lacking air conditioning	2 019	226	2 643	1 327	2 942	17	4 310	54
Lacking public sewer	2 568	288	1 382	269	787	—	3 551	60
No vehicle available	94	13	430	569	365	—	77	6
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	2 570	311	3 237	893	3 565	29	12 090	299
1979 to March 1980	331	...	327	74	393	...	1 331	118
1975 to 1978	658	...	627	208	787	...	3 429	110
1970 to 1974	449	...	532	235	706	...	2 554	53
1960 to 1969	558	...	708	185	808	...	3 462	18
1950 to 1959	333	...	695	94	486	...	1 226	—
1949 or earlier	241	...	348	97	385	...	88	—
Renter-occupied housing units	311	14	1 393	1 262	1 591	68	1 469	31
1979 to March 1980	138	...	699	552	689	...	566	7
1975 to 1978	102	...	415	419	741	...	592	18
1970 to 1974	38	...	158	184	120	...	178	6
1960 to 1969	23	...	70	72	24	...	118	—
1959 or earlier	10	...	51	35	17	...	15	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER								
Occupied housing units	562	—	1 119	374	1 133	—	1 959	6
Owner-occupied housing units	549	—	883	207	679	—	1 587	—
Lacking complete plumbing for exclusive use	19	—	9	—	6	—	6	—
No complete kitchen facilities	12	—	12	—	10	—	5	—
No vehicle available	71	—	265	173	284	—	66	6
No telephone	12	—	53	5	23	—	6	—
Lacking central heating system	12	—	170	74	61	—	21	—
Lacking air conditioning	395	—	666	244	514	—	710	—

¹Persons of Spanish origin may be of any race.

Table 89a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 1980—Con.**

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

**Towns/Townships
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Buena Vista township			Canton township		Flint township		Genesee township	
	Race		Spanish origin ¹	Race		Race		Race	
	White	Black		White	Asian and Pacific Islander	White	Black	White	Black
Occupied housing units	2 515	1 565	279	15 292	406	12 365	541	7 620	579
YEAR STRUCTURE BUILT									
1979 to March 1980	116	—	4	1 847	119	239	10	310	—
1975 to 1978	150	33	8	5 015	162	865	55	545	40
1970 to 1974	442	97	31	5 262	109	2 494	112	1 055	41
1960 to 1969	531	548	41	1 979	6	4 353	270	1 811	151
1950 to 1959	515	563	75	443	10	1 999	81	2 005	212
1940 to 1949	271	251	61	333	—	1 089	13	987	71
1939 or earlier	490	73	59	413	—	1 326	—	907	64
BEDROOMS									
None	—	—	—	33	—	102	—	33	—
1	65	50	10	1 376	48	1 110	135	399	27
2	1 302	462	95	3 800	53	4 740	300	2 777	121
3	973	870	157	6 520	85	4 849	101	3 525	357
4	134	162	11	3 364	203	1 357	5	741	65
5 or more	41	21	6	199	17	207	—	145	9
UNITS IN STRUCTURE									
1, detached	1 772	1 453	239	9 683	351	8 357	79	5 925	559
1, attached	34	18	6	663	—	247	41	63	—
2	17	31	11	70	—	93	—	55	—
3 and 4	5	6	—	397	—	307	11	148	—
5 to 9	26	41	—	1 592	28	672	81	77	—
10 to 49	—	—	—	1 202	27	1 082	318	27	14
50 or more	—	—	—	75	—	424	11	19	6
Mobile home or trailer, etc.	661	16	23	1 610	—	1 183	—	1 306	—
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing units	315	285	49	3 873	65	3 352	444	1 006	138
1, mobile home or trailer, etc.	289	240	38	850	10	947	28	763	138
Median gross rent	\$243	\$285	\$225	\$313	—	\$265	\$367	\$265	\$265
2 or more	26	45	11	3 023	55	2 405	416	243	—
Median gross rent	\$215	\$242	\$189	\$300	\$301	\$290	\$303	\$240	—
BATHROOMS									
No bathroom or only a half bath	31	7	7	105	6	86	14	110	9
1 complete bathroom	2 041	1 176	249	5 458	43	7 181	268	5 128	419
1 complete bathroom plus half bath(s)	285	269	6	5 226	107	3 400	197	1 594	83
2 or more complete bathrooms	158	113	17	4 503	250	1 698	62	788	68
SOURCE OF WATER									
Public system or private company	2 052	1 470	211	14 349	402	5 699	497	2 136	463
Individual drilled well	286	95	68	875	4	6 410	29	5 260	107
Individual dug well	88	—	—	58	—	243	15	199	9
Some other source	89	—	—	10	—	13	—	25	—
HEATING EQUIPMENT									
Steam or hot water system	168	122	—	470	9	996	56	684	30
Central warm-air furnace	1 942	1 066	247	14 229	385	9 922	385	6 011	383
Electric heat pump	—	50	—	40	—	105	10	12	—
Other built-in electric units	22	43	8	109	6	437	74	103	44
Floor, wall, or pipeless furnace	89	75	5	70	—	270	10	286	49
Room heaters with flue	225	163	14	305	6	500	6	380	45
Room heaters without flue	18	38	—	29	—	102	—	64	28
Fireplaces, stoves, or portable room heaters	51	8	5	40	—	33	—	73	—
None	—	—	—	—	—	—	—	7	—
SELECTED CHARACTERISTICS									
No telephone	60	47	5	231	—	282	25	285	20
No complete kitchen facilities	21	14	5	90	—	124	8	70	14
Lacking air conditioning	1 813	1 233	252	6 542	221	6 481	22	5 685	463
Lacking public sewer	615	115	72	1 186	4	370	17	617	59
No vehicle available	163	164	43	291	—	632	21	402	84
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	2 194	1 256	223	11 341	341	8 981	93	6 607	441
1979 to March 1980	317	75	28	2 794	163	963	38	928	16
1975 to 1978	437	334	32	5 575	147	2 151	55	1 496	132
1970 to 1974	412	349	66	2 005	27	1 799	—	1 074	38
1960 to 1969	370	363	49	634	4	2 404	—	1 574	193
1950 to 1959	327	129	48	182	—	914	—	991	62
1949 or earlier	331	6	—	151	—	750	—	544	—
Renter-occupied housing units	321	309	56	3 951	65	3 384	448	1 013	138
1979 to March 1980	87	92	17	2 055	31	1 567	222	511	51
1975 to 1978	168	158	25	1 508	18	1 239	189	323	68
1970 to 1974	41	38	14	323	16	396	37	102	9
1960 to 1969	7	16	—	41	—	140	—	42	10
1959 or earlier	18	5	—	24	—	42	—	35	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	597	122	18	929	10	2 219	—	1 115	72
Owner-occupied housing units	579	106	18	729	—	1 598	—	1 067	61
Lacking complete plumbing for exclusive use	7	7	—	41	—	6	—	28	—
No complete kitchen facilities	7	—	—	27	—	18	—	29	—
No vehicle available	105	16	—	152	—	406	—	172	11
No telephone	12	—	—	8	—	25	—	27	—
Lacking central heating system	111	36	4	70	—	185	—	98	5
Lacking air conditioning	440	109	18	392	—	1 126	—	836	53

¹Persons of Spanish origin may be of any race.

Table 89a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 1980—Con.**

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

**Towns/Townships
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Kalamazoo township		Mount Morris township		Oronaka township		Pittsfield township	
	Race		Race		Race		Race	
	White	Black	White	Black	White	Black	White	Black
Occupied housing units -----	7 569	459	6 568	1 942	2 796	289	4 605	562
YEAR STRUCTURE BUILT								
1979 to March 1980 -----	206	12	104	8	22	—	122	8
1975 to 1978 -----	246	79	334	25	193	79	582	68
1970 to 1974 -----	607	50	814	240	407	79	1 530	271
1960 to 1969 -----	1 704	111	1 495	1 056	766	68	1 412	201
1950 to 1959 -----	2 189	63	1 913	556	433	36	448	7
1940 to 1949 -----	1 148	62	1 034	49	230	5	143	—
1939 or earlier -----	1 469	82	874	8	745	22	368	7
BEDROOMS								
None -----	5	—	8	—	57	24	38	28
1 -----	787	37	288	113	330	94	1 341	216
2 -----	3 159	191	2 147	244	846	100	1 635	217
3 -----	2 913	120	3 283	1 278	992	61	1 044	83
4 -----	627	95	744	277	466	8	441	18
5 or more -----	78	16	98	30	105	2	106	—
UNITS IN STRUCTURE								
1, detached -----	5 455	266	5 665	1 596	1 815	69	1 765	58
1, attached -----	158	—	78	147	64	8	91	10
2 -----	217	10	104	18	350	47	91	17
3 and 4 -----	103	18	107	46	154	8	111	—
5 to 9 -----	185	36	42	77	57	7	636	125
10 to 49 -----	1 001	103	62	40	319	139	1 704	342
50 or more -----	108	26	12	12	37	11	68	10
Mobile home or trailer, etc. -----	342	—	498	6	—	—	139	—
UNITS IN STRUCTURE BY GROSS RENT								
Specified renter-occupied housing units -----	2 123	193	872	415	1 107	236	2 799	511
1, mobile home or trailer, etc. -----	602	22	698	260	344	33	249	17
Median gross rent -----	\$276	\$267	\$276	\$329	\$258	\$291	\$407	\$430
2 or more -----	1 521	171	174	155	763	203	2 550	494
Median gross rent -----	\$271	\$286	\$273	\$259	\$205	\$185	\$321	\$312
BATHROOMS								
No bathroom or only a half bath -----	44	—	69	5	37	17	40	10
1 complete bathroom -----	5 400	313	4 518	1 071	1 658	207	3 038	410
1 complete bathroom plus half bath(s) -----	1 288	107	1 315	696	422	31	818	115
2 or more complete bathrooms -----	837	39	666	170	679	34	709	27
SOURCE OF WATER								
Public system or private company -----	7 256	442	3 701	1 755	1 672	261	3 668	554
Individual drilled well -----	299	17	2 711	187	1 089	28	850	8
Individual dug well -----	14	—	136	—	28	—	73	—
Some other source -----	—	—	20	—	7	—	14	—
HEATING EQUIPMENT								
Steam or hot water system -----	830	16	417	122	391	37	466	18
Central warm-air furnace -----	6 117	401	5 236	1 589	1 522	128	3 661	453
Electric heat pump -----	26	—	29	12	100	15	92	15
Other built-in electric units -----	102	6	33	38	394	78	250	44
Floor, wall, or pipeless furnace -----	204	9	313	37	33	—	51	10
Room heaters with flue -----	214	21	361	129	208	13	61	5
Room heaters without flue -----	37	6	118	15	28	9	11	7
Fireplaces, stoves, or portable room heaters -----	39	—	61	—	111	4	13	10
None -----	—	—	—	—	9	5	—	—
SELECTED CHARACTERISTICS								
No telephone -----	118	38	239	119	125	20	89	34
No complete kitchen facilities -----	46	—	36	11	25	23	19	6
Lacking air conditioning -----	4 237	213	4 888	1 601	1 589	186	1 322	61
Lacking public sewer -----	5 289	233	1 426	53	1 593	93	955	15
No vehicle available -----	528	20	357	268	186	35	88	24
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	5 421	266	5 637	1 469	1 608	53	1 754	40
1979 to March 1980 -----	753	24	603	187	159	11	199	10
1975 to 1978 -----	1 226	104	1 218	427	422	29	581	17
1970 to 1974 -----	800	60	908	460	275	11	354	6
1960 to 1969 -----	1 108	49	1 546	382	379	2	356	7
1950 to 1959 -----	983	15	905	13	212	—	163	—
1949 or earlier -----	551	14	457	—	161	—	101	—
Renter-occupied housing units -----	2 148	193	931	473	1 188	236	2 851	522
1979 to March 1980 -----	1 106	133	500	211	617	162	1 696	314
1975 to 1978 -----	650	44	268	213	416	58	966	177
1970 to 1974 -----	230	—	94	27	90	12	143	25
1960 to 1969 -----	129	9	33	22	30	4	28	6
1959 or earlier -----	33	7	36	—	35	—	18	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER								
Occupied housing units -----	1 728	38	918	98	521	22	344	3
Owner-occupied housing units -----	1 357	29	848	93	380	8	253	3
Lacking complete plumbing for exclusive use -----	10	—	9	—	9	—	6	—
No complete kitchen facilities -----	8	—	13	—	—	4	5	—
No vehicle available -----	385	9	133	5	89	10	51	—
No telephone -----	21	—	23	—	6	4	—	—
Lacking central heating system -----	60	15	108	—	75	8	—	—
Lacking air conditioning -----	1 034	38	711	65	308	18	207	3

¹Persons of Spanish origin may be of any race.

Table 89a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 1980—Con.**

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

Towns/Townships [1,000 or More of the Specified Racial or Spanish Origin Group]	Pontiac township		Saginaw township	Sumpter township		Ypsilanti township	
	Race		Spanish origin ¹	Race		Race	
	White	Black		White	Black	White	Black
Occupied housing units	4 815	292	250	3 050	520	13 949	1 979
YEAR STRUCTURE BUILT							
1979 to March 1980	30	8	14	181	14	466	89
1975 to 1978	390	27	26	551	79	1 420	143
1970 to 1974	834	119	69	781	30	3 261	688
1960 to 1969	1 320	138	44	386	126	3 340	596
1950 to 1959	919	—	72	572	103	3 688	383
1940 to 1949	664	—	17	321	96	983	62
1939 or earlier	658	—	8	258	72	791	18
BEDROOMS							
None	46	—	—	5	—	136	9
1	652	48	11	138	13	1 894	369
2	1 911	145	48	1 273	146	5 050	618
3	1 620	68	153	1 382	273	5 495	766
4	514	31	31	207	74	1 234	202
5 or more	72	—	7	45	14	140	15
UNITS IN STRUCTURE							
1, detached	3 006	64	200	1 733	461	7 743	892
1, attached	325	56	—	22	—	513	133
2	64	—	—	58	20	156	—
3 and 4	37	6	—	28	11	362	98
5 to 9	636	101	17	4	24	1 441	233
10 to 49	481	60	23	—	—	2 403	518
50 or more	28	5	5	—	—	470	98
Mobile home or trailer, etc.	238	—	5	1 205	4	861	7
UNITS IN STRUCTURE BY GROSS RENT							
Specified renter-occupied housing units	1 692	193	43	197	...	5 548	989
1, mobile home or trailer, etc.	530	27	5	143	...	1 104	134
Median gross rent	\$271	\$234	\$450	\$308	...	\$330	\$347
2 or more	1 162	166	38	54	...	4 444	855
Median gross rent	\$308	\$329	\$325	\$217	...	\$295	\$300
BATHROOMS							
No bathroom or only a half bath	27	—	—	46	19	95	52
1 complete bathroom	3 384	173	99	2 137	336	9 803	1 217
1 complete bathroom plus half bath(s)	975	105	84	496	75	2 367	539
2 or more complete bathrooms	429	14	67	371	90	1 684	171
SOURCE OF WATER							
Public system or private company	3 822	292	242	2 523	362	13 352	1 963
Individual drilled well	913	—	5	430	94	540	16
Individual dug well	59	—	3	91	58	50	—
Some other source	21	—	—	6	6	7	—
HEATING EQUIPMENT							
Steam or hot water system	372	33	20	307	118	1 222	241
Central warm-air furnace	3 823	232	211	2 325	217	11 419	1 516
Electric heat pump	43	—	—	12	—	88	47
Other built-in electric units	140	14	5	42	21	321	40
Floor, wall, or pipeless furnace	162	6	8	79	28	345	42
Room heaters with flue	162	—	6	188	114	458	72
Room heaters without flue	26	—	—	35	—	71	6
Fireplaces, stoves, or portable room heaters	82	7	—	56	22	25	7
None	5	—	—	6	—	—	8
SELECTED CHARACTERISTICS							
No telephone	85	11	7	125	34	336	92
No complete kitchen facilities	13	9	—	14	—	71	35
Lacking air conditioning	2 873	108	163	1 946	460	6 149	814
Lacking public sewer	832	—	14	2 012	466	883	35
No vehicle available	170	7	5	87	32	572	180
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	3 028	79	207	2 772	429	8 307	958
1979 to March 1980	370	26	20	501	...	1 299	165
1975 to 1978	879	38	97	925	...	2 319	237
1970 to 1974	482	15	60	630	...	1 473	301
1960 to 1969	632	—	24	361	...	1 511	199
1950 to 1959	342	—	6	242	...	1 372	47
1949 or earlier	323	—	—	113	...	333	9
Renter-occupied housing units	1 787	213	43	278	91	5 642	1 021
1979 to March 1980	834	75	28	112	...	3 217	486
1975 to 1978	684	103	15	97	...	1 826	469
1970 to 1974	198	25	—	30	...	466	63
1960 to 1969	57	10	—	26	...	101	3
1959 or earlier	14	—	—	13	...	32	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	631	—	4	222	197	1 169	106
Owner-occupied housing units	495	—	4	189	150	787	37
Lacking complete plumbing for exclusive use	6	—	—	21	19	12	9
No complete kitchen facilities	—	—	—	14	—	—	6
No vehicle available	84	—	—	39	25	232	28
No telephone	6	—	—	21	3	49	9
Lacking central heating system	30	—	—	26	54	60	23
Lacking air conditioning	402	—	4	146	177	661	80

¹Persons of Spanish origin may be of any race.

Table 90. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 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]

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	Adrian city	Albion city		Beecher (COP)		Ecorse city		Hamtramck city	
		Race		Race		Race		Race	
	Spanish origin ¹	White	Black	White	Black	White	Black	White	Black
Occupied housing units	645	2 431	1 021	2 676	2 210	3 139	1 763	8 028	1 059
HOUSE HEATING FUEL									
Utility gas	575	2 357	959	2 231	1 980	3 003	1 687	7 811	989
Bottled, tank, or LP gas	6	13	16	14	26	27	25	35	15
Electricity	—	45	21	90	151	42	45	87	18
Fuel oil, kerosene, etc	64	6	25	335	53	57	—	48	13
Cool or coke	—	5	—	6	—	4	6	40	18
Wood	—	5	—	—	—	—	—	7	6
Other fuel	—	—	—	—	—	6	—	—	—
No fuel used	—	—	—	—	—	—	—	—	—
WATER HEATING FUEL									
Utility gas	617	2 232	928	1 949	1 958	2 906	1 607	7 827	997
Bottled, tank, or LP gas	6	6	7	23	37	40	67	85	30
Electricity	22	190	67	697	206	187	89	111	22
Fuel oil, kerosene, etc	—	3	19	7	—	—	—	5	—
Other	—	—	—	—	—	6	—	—	6
No fuel used	—	—	—	—	9	—	—	—	4
COOKING FUEL									
Utility gas	520	1 388	879	1 461	1 684	2 539	1 564	7 145	968
Bottled, tank, or LP gas	17	—	—	59	—	47	26	26	11
Electricity	108	1 043	142	1 156	520	553	164	844	74
Other	—	—	—	—	6	—	—	—	6
No fuel used	—	—	—	—	—	—	9	13	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	334	1 394	457	1 017	1 501	1 581	999	2 917	234
With a mortgage	256	697	281	1 136	1 348	775	587	638	78
Less than \$100	—	—	—	—	6	—	—	—	—
\$100 to \$149	—	—	21	40	15	—	38	32	—
\$150 to \$199	8	44	—	124	47	77	60	100	—
\$200 to \$249	24	102	75	417	153	151	167	161	—
\$250 to \$299	82	188	83	242	374	208	142	141	—
\$300 to \$349	32	94	51	174	351	179	95	114	48
\$350 to \$399	50	118	28	60	238	94	36	52	30
\$400 to \$449	13	64	8	44	117	39	19	14	—
\$450 to \$499	29	30	15	7	27	—	7	—	—
\$500 to \$599	12	30	—	8	—	21	18	—	—
\$600 to \$749	6	12	—	7	—	—	5	10	—
\$750 or more	—	12	—	—	—	—	—	8	—
Median	\$322	\$308	\$277	\$248	\$309	\$288	\$260	\$259	\$341
Not mortgaged	78	697	176	681	153	806	412	2 279	156
Less than \$50	—	5	—	6	—	—	—	10	—
\$50 to \$74	—	7	—	13	—	17	5	30	7
\$75 to \$99	—	56	5	59	—	147	15	411	8
\$100 to \$149	19	338	45	307	49	357	133	1 325	60
\$150 to \$199	40	234	75	230	46	204	182	402	49
\$200 to \$249	10	38	33	62	45	81	44	94	23
\$250 or more	9	19	18	4	13	—	33	7	9
Median	\$167	\$141	\$172	\$144	\$186	\$134	\$167	\$124	\$152
GROSS RENT									
Specified renter-occupied housing units	242	881	514	654	527	1 172	620	3 470	672
Less than \$50	—	4	11	—	—	—	8	33	—
\$50 to \$59	—	11	—	—	6	—	—	56	41
\$60 to \$79	—	48	10	—	—	—	5	137	22
\$80 to \$99	—	35	17	—	6	12	7	115	26
\$100 to \$119	11	39	5	—	—	55	53	165	7
\$120 to \$149	5	83	51	5	12	69	33	438	58
\$150 to \$169	15	90	55	16	15	121	49	529	87
\$170 to \$199	25	98	76	53	25	178	91	583	97
\$200 to \$249	77	240	104	196	68	379	192	753	144
\$250 to \$299	29	110	113	186	203	160	99	276	74
\$300 to \$349	51	57	38	94	48	119	36	99	53
\$350 to \$399	25	2	9	60	97	18	20	20	5
\$400 to \$499	4	17	8	21	39	27	—	19	9
\$500 or more	—	—	—	—	—	—	—	—	—
No cash rent	—	47	17	23	8	34	27	247	49
Median	\$242	\$202	\$209	\$264	\$273	\$221	\$218	\$176	\$191
HOUSEHOLD INCOME IN 1979									
Occupied housing units	645	2 431	1 021	2 676	2 210	3 139	1 763	8 028	1 059
Median income	\$17 355	\$14 574	\$11 077	\$14 155	\$19 363	\$16 288	\$17 730	\$11 293	\$7 902
Owner-occupied housing units	403	1 537	503	2 008	1 625	1 940	1 116	4 542	368
Median income	\$19 677	\$18 558	\$19 750	\$17 411	\$23 281	\$20 543	\$22 037	\$13 241	\$12 794
Renter-occupied housing units	242	894	518	668	585	1 199	647	3 486	691
Median income	\$9 697	\$8 634	\$8 929	\$6 788	\$7 554	\$11 862	\$8 905	\$9 294	\$6 034
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units	41	123	40	243	246	179	47	605	59
Percent below poverty level	10.2	8.0	8.0	12.1	15.1	9.2	4.2	13.3	16.0
Complete plumbing for exclusive use	41	116	40	243	246	179	47	595	55
1.01 or more persons per room	3	8	—	24	74	—	—	17	—
Lacking complete plumbing for exclusive use	—	7	—	—	—	—	—	10	4
1.01 or more persons per room	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	80	266	186	371	257	319	220	956	283
Percent below poverty level	33.1	29.8	35.9	55.5	43.9	26.6	34.0	27.4	41.0
Complete plumbing for exclusive use	75	259	179	371	248	301	208	911	283
1.01 or more persons per room	6	7	—	61	27	16	22	36	—
Lacking complete plumbing for exclusive use	5	7	7	—	9	18	12	45	—
1.01 or more persons per room	—	—	—	—	—	—	—	5	—

¹Persons of Spanish origin may be of any race.

Table 90. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.

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

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Highland Park city		Holland city	Inkster city		Kentwood city		Lincoln Park city	Manroe city	
	Race			Race		Race			Race	
	White	Black	Spanish origin ¹	White	Black	White	Black	Spanish origin ¹	White	Black
Occupied housing units	2 214	8 015	708	5 687	5 953	10 878	446	321	7 699	328
HOUSE HEATING FUEL										
Utility gas	2 100	7 261	663	5 137	5 511	10 353	378	309	6 473	279
Bottled, tank, or LP gas	7	144	14	5	43	26	23	—	19	—
Electricity	24	396	16	410	293	271	39	12	527	30
Fuel oil, kerosene, etc	60	117	7	135	99	173	6	—	651	19
Coal or coke	7	30	—	—	—	7	—	—	7	—
Wood	—	—	—	—	—	7	—	—	14	—
Other fuel	16	60	8	—	7	14	—	—	8	—
No fuel used	—	7	—	—	—	15	—	—	—	—
WATER HEATING FUEL										
Utility gas	2 039	7 060	613	5 098	5 333	9 899	371	316	6 098	259
Bottled, tank, or LP gas	5	294	22	32	93	56	22	5	46	7
Electricity	129	515	73	557	512	871	53	—	1 527	58
Fuel oil, kerosene, etc	23	56	—	—	—	32	—	—	23	—
Other	9	66	—	—	7	—	—	—	—	—
No fuel used	9	24	—	—	8	8	—	—	5	4
COOKING FUEL										
Utility gas	1 868	6 711	413	3 170	4 892	7 484	362	276	2 767	239
Bottled, tank, or LP gas	—	114	—	9	57	41	—	—	10	7
Electricity	330	1 122	295	2 508	999	3 334	84	45	4 909	76
Other	—	—	—	—	—	3	—	—	—	—
No fuel used	16	68	—	—	5	16	—	—	13	6
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	672	2 379	281	3 273	3 684	4 987	155	210	4 498	153
With a mortgage	216	1 796	238	2 392	2 828	3 995	131	171	2 418	107
Less than \$100	—	10	—	—	—	—	—	—	—	—
\$100 to \$149	11	7	5	5	46	22	—	—	36	—
\$150 to \$199	4	104	7	60	113	79	—	—	36	6
\$200 to \$249	50	215	50	479	402	360	—	19	268	19
\$250 to \$299	44	448	70	570	549	707	12	27	374	16
\$300 to \$349	82	417	44	558	611	708	13	65	349	8
\$350 to \$399	25	248	62	355	514	588	14	12	283	25
\$400 to \$449	—	165	—	224	299	474	19	15	403	13
\$450 to \$499	—	88	—	102	162	306	17	18	269	7
\$500 to \$599	—	59	—	32	110	418	43	8	224	—
\$600 to \$749	—	35	—	7	18	231	13	—	106	—
\$750 or more	—	—	—	—	4	102	—	—	70	13
Median	\$299	\$314	\$291	\$307	\$325	\$360	\$472	\$325	\$376	\$359
Not mortgaged	456	583	43	881	856	992	24	39	2 080	46
Less than \$50	—	6	—	—	—	—	—	—	8	—
\$50 to \$74	—	—	—	—	13	6	—	—	—	—
\$75 to \$99	29	20	5	32	37	79	—	—	64	—
\$100 to \$149	130	136	11	298	231	391	6	24	691	7
\$150 to \$199	197	193	27	473	328	280	12	10	823	28
\$200 to \$249	53	127	—	56	158	176	6	5	293	—
\$250 or more	47	101	—	22	89	60	—	—	201	11
Median	\$165	\$186	\$158	\$159	\$168	\$153	\$175	\$144	\$165	\$171
GROSS RENT										
Specified renter-occupied housing units	1 391	5 083	336	2 112	1 840	4 279	281	92	2 627	156
Less than \$50	—	74	—	59	14	—	—	—	56	10
\$50 to \$59	8	124	—	79	47	—	—	—	40	—
\$60 to \$79	8	123	—	158	118	27	—	—	34	3
\$80 to \$99	78	65	—	101	71	42	5	—	65	—
\$100 to \$119	125	168	8	23	49	23	4	—	68	13
\$120 to \$149	280	458	21	93	46	82	—	—	62	13
\$150 to \$169	361	611	—	18	68	77	—	—	142	13
\$170 to \$199	236	753	40	17	189	284	54	7	257	15
\$200 to \$249	195	1 063	92	291	508	1 349	109	5	681	38
\$250 to \$299	57	884	114	620	295	1 068	55	48	615	30
\$300 to \$349	19	424	37	412	200	604	35	15	280	10
\$350 to \$399	8	174	14	119	129	359	10	—	162	4
\$400 to \$499	3	105	5	65	36	221	3	17	95	7
\$500 or more	—	6	—	16	8	57	6	—	31	—
No cash rent	13	51	5	41	62	80	—	—	39	—
Median	\$160	\$206	\$252	\$268	\$225	\$263	\$229	\$291	\$242	\$211
HOUSEHOLD INCOME IN 1979										
Occupied housing units	2 214	8 015	708	5 687	5 953	10 878	446	321	7 699	328
Median income	\$9 883	\$10 224	\$13 568	\$18 671	\$17 242	\$19 741	\$19 167	\$24 107	\$19 231	\$16 167
Owner-occupied housing units	805	2 845	351	3 562	3 994	6 481	165	229	5 034	164
Median income	\$16 804	\$19 665	\$16 619	\$21 972	\$21 180	\$23 692	\$26 118	\$26 458	\$22 771	\$24 000
Renter-occupied housing units	1 409	5 170	357	2 125	1 959	4 397	281	92	2 665	164
Median income	\$7 357	\$6 981	\$12 117	\$12 357	\$9 278	\$15 043	\$15 929	\$17 500	\$11 641	\$11 563
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	94	482	47	242	421	342	10	19	233	29
Percent below poverty level	11.7	16.9	13.4	6.8	10.5	5.3	6.1	8.3	4.6	17.7
Complete plumbing for exclusive use	90	472	47	242	406	342	10	19	219	29
1.01 or more persons per room	—	56	12	17	45	14	—	5	22	—
Lacking complete plumbing for exclusive use	4	10	—	—	15	—	—	—	14	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	326	2 252	94	451	746	477	25	4	568	47
Percent below poverty level	23.1	43.6	26.3	21.2	38.1	10.8	8.9	4.3	21.3	28.7
Complete plumbing for exclusive use	310	2 122	94	441	738	471	25	4	534	36
1.01 or more persons per room	36	146	33	12	60	13	—	—	20	4
Lacking complete plumbing for exclusive use	16	130	—	10	8	6	—	—	34	11
1.01 or more persons per room	9	35	—	—	—	—	—	—	—	4

¹Persons of Spanish origin may be of any race.

Table 90. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

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

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	Mount Clemens city		Niles city		Oak Park city		Port Huron city		Spanish origin ¹
	Race		Race		Race		Race		
	White	Black	White	Black	White	Black	White	Black	
Occupied housing units	5 964	1 032	4 686	478	9 878	1 053	11 835	750	230
HOUSE HEATING FUEL									
Utility gas	5 089	824	4 127	426	8 698	896	10 747	678	198
Bottled, tank, or LP gas	21	—	25	6	52	14	61	—	16
Electricity	416	192	394	46	247	7	323	30	5
Fuel oil, kerosene, etc	397	8	123	—	867	129	641	36	11
Coal or coke	—	—	—	—	8	—	30	—	—
Wood	7	—	5	—	—	—	12	—	—
Other fuel	23	—	12	—	6	—	21	6	—
No fuel used	11	8	—	—	—	7	—	—	—
WATER HEATING FUEL									
Utility gas	4 538	819	3 372	358	8 939	977	9 061	572	174
Bottled, tank, or LP gas	71	17	33	7	149	14	109	11	12
Electricity	1 312	193	1 275	113	743	62	2 580	158	39
Fuel oil, kerosene, etc	22	—	—	—	34	—	42	—	—
Other	21	—	6	—	6	—	12	6	5
No fuel used	—	3	6	—	7	—	31	3	—
COOKING FUEL									
Utility gas	2 023	689	1 962	310	4 054	320	4 826	515	136
Bottled, tank, or LP gas	7	10	11	—	29	9	58	5	11
Electricity	3 923	333	2 706	168	5 789	724	6 882	224	83
Other	—	—	—	—	6	—	11	—	—
No fuel used	11	—	7	—	—	—	58	6	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	2 984	518	2 665	200	7 175	930	6 681	284	84
With a mortgage	1 721	409	1 323	76	4 661	912	3 667	161	53
Less than \$100	—	7	—	—	—	—	11	—	—
\$100 to \$149	—	—	14	—	20	—	19	—	—
\$150 to \$199	27	—	46	—	76	—	83	—	19
\$200 to \$249	82	25	207	19	372	—	575	22	12
\$250 to \$299	325	99	333	30	739	22	845	48	4
\$300 to \$349	296	85	224	14	994	46	783	36	6
\$350 to \$399	351	87	178	—	819	62	540	18	12
\$400 to \$449	187	73	100	—	645	218	265	7	—
\$450 to \$499	142	24	59	6	400	203	220	24	—
\$500 to \$599	178	—	58	7	434	205	127	—	—
\$600 to \$749	81	9	48	—	135	91	109	6	—
\$750 or more	52	—	56	—	27	65	90	—	—
Median	\$369	\$343	\$314	\$282	\$358	\$477	\$319	\$315	\$231
Not mortgaged	1 263	109	1 342	124	2 514	18	3 014	123	31
Less than \$50	—	—	—	—	—	—	13	—	—
\$50 to \$74	7	—	—	—	—	—	149	7	—
\$75 to \$99	—	—	104	10	35	—	—	—	—
\$100 to \$149	219	33	646	63	308	—	1 187	37	18
\$150 to \$199	611	35	402	47	1 140	—	1 129	17	7
\$200 to \$249	303	19	126	4	698	6	328	42	6
\$250 or more	123	22	64	—	333	12	208	20	—
Median	\$183	\$176	\$145	\$136	\$190	\$263	\$156	\$201	\$145
GROSS RENT									
Specified renter-occupied housing units	2 446	432	1 701	229	2 075	61	4 433	395	133
Less than \$50	—	16	—	—	—	—	—	—	—
\$50 to \$59	58	6	47	8	23	—	52	22	—
\$60 to \$79	55	7	45	—	44	—	84	28	—
\$80 to \$99	42	10	62	—	11	—	129	—	—
\$100 to \$119	11	—	32	16	35	—	89	21	—
\$120 to \$149	105	5	164	7	57	—	158	44	13
\$150 to \$169	66	11	95	6	23	—	311	24	6
\$170 to \$199	301	48	200	18	50	—	504	39	15
\$200 to \$249	723	57	455	62	157	6	1 148	69	26
\$250 to \$299	488	103	288	59	315	—	894	85	46
\$300 to \$349	270	115	129	20	658	—	541	26	14
\$350 to \$399	144	32	69	10	292	7	268	10	5
\$400 to \$499	86	15	29	23	280	48	135	16	8
\$500 or more	19	6	20	—	64	—	22	—	—
No cash rent	72	6	50	—	66	—	98	11	—
Median	\$238	\$271	\$216	\$249	\$322	\$436	\$237	\$215	\$256
HOUSEHOLD INCOME IN 1979									
Occupied housing units	5 964	1 032	4 686	478	9 878	1 053	11 835	750	230
Median income	\$17 535	\$15 417	\$14 928	\$7 358	\$21 254	\$29 604	\$15 458	\$7 857	\$11 379
Owner-occupied housing units	3 505	589	2 957	236	7 722	981	7 362	328	97
Median income	\$22 937	\$21 391	\$18 964	\$12 083	\$23 504	\$30 125	\$19 358	\$14 167	\$18 625
Renter-occupied housing units	2 459	443	1 729	242	2 156	72	4 473	422	133
Median income	\$10 962	\$8 324	\$9 522	\$6 056	\$13 944	\$20 833	\$9 621	\$6 007	\$9 732
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units	200	69	165	49	363	52	584	70	19
Percent below poverty level	5.7	11.7	5.6	20.8	4.7	5.3	7.9	21.3	19.6
Complete plumbing for exclusive use	193	69	160	49	358	52	550	64	19
1.01 or more persons per room	7	5	6	6	24	4	29	4	—
Lacking complete plumbing for exclusive use	7	—	5	—	5	—	34	6	—
1.01 or more persons per room	—	—	—	—	—	—	—	6	—
Renter-occupied housing units	532	163	435	139	380	20	1 261	209	52
Percent below poverty level	21.6	36.8	25.2	57.4	17.6	27.8	28.2	49.5	39.1
Complete plumbing for exclusive use	491	163	423	139	373	20	1 225	206	52
1.01 or more persons per room	31	8	35	15	23	—	26	9	5
Lacking complete plumbing for exclusive use	41	—	12	—	7	—	36	3	—
1.01 or more persons per room	—	—	—	—	—	—	5	—	—

¹Persons of Spanish origin may be of any race.

Table 90. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.

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

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	River Rouge city		Romulus city		Sault Ste. Marie city		Wayne city		Ypsilanti city	
	Race		Race		Race		Race		Race	
	White	Black	White	Black	White	American Indian, Eskimo, and Aleut	White	Black	White	Black
Occupied housing units -----	3 219	1 374	6 297	1 419	4 806	354	6 610	367	5 903	2 304
HOUSE HEATING FUEL										
Utility gas -----	3 113	1 310	5 770	1 207	3 452	...	5 943	328	4 947	1 888
Bottled, tank, or LP gas -----	14	—	44	7	33	...	26	—	53	63
Electricity -----	38	45	198	126	218	...	226	32	495	236
Fuel oil, kerosene, etc. -----	46	19	253	75	1 052	...	399	7	368	94
Coal or coke -----	—	—	6	—	—	...	—	—	—	—
Wood -----	—	—	22	4	32	...	6	—	3	—
Other fuel -----	8	—	4	—	19	...	5	—	35	—
No fuel used -----	—	—	—	—	—	...	5	—	2	23
WATER HEATING FUEL										
Utility gas -----	3 104	1 305	5 304	1 032	2 216	...	5 727	296	4 502	1 835
Bottled, tank, or LP gas -----	14	15	45	36	104	...	54	—	42	81
Electricity -----	96	40	921	347	2 405	...	812	71	1 282	376
Fuel oil, kerosene, etc. -----	—	7	11	—	65	...	12	—	47	12
Other -----	5	—	—	—	4	...	—	—	15	—
No fuel used -----	—	7	16	4	12	...	5	—	15	—
COOKING FUEL										
Utility gas -----	2 651	1 267	3 979	912	800	...	3 363	306	2 082	1 438
Bottled, tank, or LP gas -----	9	7	41	22	134	...	16	—	15	33
Electricity -----	559	100	2 272	485	3 872	...	3 226	61	3 785	818
Other -----	—	—	5	—	—	...	5	—	—	—
No fuel used -----	—	—	—	—	—	...	—	—	21	15
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	1 401	721	3 977	581	2 670	150	4 397	27	1 898	619
With a mortgage -----	591	387	2 758	327	1 179	35	3 309	27	1 163	389
Less than \$100 -----	—	5	6	—	—	—	—	—	9	—
\$100 to \$149 -----	23	16	5	—	28	—	25	—	—	—
\$150 to \$199 -----	77	41	38	17	107	12	86	—	—	—
\$200 to \$249 -----	105	46	219	22	253	—	380	—	21	55
\$250 to \$299 -----	169	116	485	47	206	8	802	—	87	41
\$300 to \$349 -----	159	73	619	34	175	5	759	—	151	73
\$350 to \$399 -----	28	44	559	32	109	4	523	6	152	70
\$400 to \$449 -----	13	12	372	60	107	6	208	7	156	50
\$450 to \$499 -----	8	17	239	53	99	—	186	5	117	49
\$500 to \$599 -----	9	12	191	44	78	—	175	3	263	27
\$600 to \$749 -----	—	5	25	18	13	—	145	6	158	17
\$750 or more -----	—	—	—	—	4	—	20	—	49	7
Median -----	\$277	\$287	\$351	\$410	\$299	\$284	\$324	\$455	\$452	\$368
Not mortgaged -----	810	334	1 219	254	1 491	115	1 088	—	735	230
Less than \$50 -----	6	—	9	—	8	6	—	—	—	—
\$50 to \$74 -----	17	—	15	—	34	19	5	—	—	—
\$75 to \$99 -----	69	19	32	27	247	17	34	—	27	6
\$100 to \$149 -----	512	118	406	43	698	46	385	—	93	82
\$150 to \$199 -----	152	155	417	79	340	9	435	—	283	87
\$200 to \$249 -----	47	35	210	52	122	18	171	—	183	15
\$250 or more -----	7	7	130	53	42	—	58	—	149	40
Median -----	\$130	\$158	\$166	\$189	\$132	\$112	\$161	—	\$193	\$168
GROSS RENT										
Specified renter-occupied housing units -----	1 444	554	1 600	723	1 414	...	1 884	281	3 627	1 509
Less than \$50 -----	—	—	5	—	16	...	26	—	—	7
\$50 to \$59 -----	—	—	—	6	23	...	32	10	—	—
\$60 to \$79 -----	41	24	37	18	67	...	26	17	69	23
\$80 to \$99 -----	66	37	11	38	77	...	20	9	54	21
\$100 to \$119 -----	83	33	35	3	102	...	46	11	75	29
\$120 to \$149 -----	180	18	33	10	155	...	36	25	164	90
\$150 to \$169 -----	139	70	5	—	216	...	—	—	329	146
\$170 to \$199 -----	332	68	84	12	241	...	212	—	465	141
\$200 to \$249 -----	318	163	422	167	238	...	467	68	790	229
\$250 to \$299 -----	151	63	446	311	118	...	444	41	716	385
\$300 to \$349 -----	67	37	191	99	46	...	316	82	501	282
\$350 to \$399 -----	24	19	107	30	36	...	130	18	222	108
\$400 to \$499 -----	—	8	117	21	3	...	60	—	131	13
\$500 or more -----	—	—	20	8	—	...	16	—	68	9
No cash rent -----	43	14	87	—	76	...	53	—	43	26
Median -----	\$185	\$204	\$263	\$267	\$171	...	\$256	\$251	\$239	\$256
HOUSEHOLD INCOME IN 1979										
Occupied housing units -----	3 219	1 374	6 297	1 419	4 806	354	6 610	367	5 903	2 304
Median income -----	\$13 515	\$14 743	\$21 561	\$17 484	\$12 614	...	\$21 982	\$15 597	\$15 587	\$9 949
Owner-occupied housing units -----	1 752	813	4 619	638	3 376	...	4 704	48	2 276	717
Median income -----	\$19 806	\$20 852	\$23 706	\$23 929	\$15 253	...	\$24 849	\$23 125	\$24 783	\$20 022
Renter-occupied housing units -----	1 467	561	1 678	781	1 430	...	1 906	319	3 627	1 587
Median income -----	\$9 874	\$8 984	\$14 278	\$15 417	\$6 853	...	\$14 155	\$15 426	\$11 596	\$7 154
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units -----	147	109	212	95	280	...	196	5	93	81
Percent below poverty level -----	8.4	13.4	4.6	14.9	8.3	...	4.2	10.4	4.1	11.3
Complete plumbing for exclusive use -----	147	109	203	95	280	...	192	5	93	81
1.01 or more persons per room -----	18	17	6	10	—	...	—	—	—	5
Lacking complete plumbing for exclusive use -----	—	—	9	—	—	...	4	—	—	—
1.01 or more persons per room -----	—	—	—	—	—	...	—	—	—	—
Renter-occupied housing units -----	416	229	423	170	490	...	288	52	973	742
Percent below poverty level -----	28.4	40.8	25.2	21.8	34.3	...	15.1	16.3	26.8	46.8
Complete plumbing for exclusive use -----	387	222	417	170	459	...	268	52	884	725
1.01 or more persons per room -----	16	21	50	7	7	...	39	21	8	129
Lacking complete plumbing for exclusive use -----	29	7	6	—	31	...	20	—	89	17
1.01 or more persons per room -----	—	—	—	—	—	...	—	—	17	9

¹Persons of Spanish origin may be of any race.

Table 90a. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 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.]

**Towns/Townships
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Bedford township, Calhoun County		Benton township, Berrien County		Blackman township		Blaamfield township, Oakland County	
	Race		Race		Race		Race	
	White	Black	White	Black	White	Black	White	Asian and Pacific Islander
Occupied housing units	2 881	325	4 630	2 155	5 156	97	13 559	330
HOUSE HEATING FUEL								
Utility gas.....	1 923	204	2 706	1 336	4 016	88	12 071	319
Bottled, tank, or LP gas.....	32	6	106	35	81	—	30	—
Electricity.....	78	13	592	471	372	9	202	—
Fuel oil, kerosene, etc.....	789	102	1 177	282	625	—	1 251	11
Coal or coke.....	—	—	12	17	6	—	—	—
Wood.....	59	—	37	14	51	—	5	—
Other fuel.....	—	—	—	—	5	—	—	—
No fuel used.....	—	—	—	—	—	—	—	—
WATER HEATING FUEL								
Utility gas.....	1 836	280	1 694	998	3 390	77	10 288	287
Bottled, tank, or LP gas.....	92	6	47	59	104	—	53	—
Electricity.....	875	33	2 836	1 079	1 635	20	3 049	37
Fuel oil, kerosene, etc.....	73	6	38	5	20	—	169	6
Other.....	5	—	—	5	7	—	—	—
No fuel used.....	—	—	15	9	—	—	—	—
COOKING FUEL								
Utility gas.....	1 270	140	1 060	879	1 995	37	1 460	35
Bottled, tank, or LP gas.....	99	—	116	59	174	7	19	—
Electricity.....	1 512	185	3 448	1 200	2 980	53	12 076	295
Other.....	—	—	—	11	7	—	4	—
No fuel used.....	—	—	6	6	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units	1 985	288	2 603	773	2 979	29	10 505	258
With a mortgage.....	1 265	288	1 352	498	1 696	16	8 551	248
Less than \$100.....	—	—	5	5	9	—	—	—
\$100 to \$149.....	19	—	40	5	25	—	—	—
\$150 to \$199.....	94	12	113	8	56	—	10	—
\$200 to \$249.....	180	18	330	121	230	—	22	—
\$250 to \$299.....	290	61	335	97	300	—	41	—
\$300 to \$349.....	223	86	271	93	312	—	145	—
\$350 to \$399.....	172	49	118	55	278	5	334	—
\$400 to \$449.....	129	20	69	68	157	—	523	—
\$450 to \$499.....	63	19	57	24	133	—	699	7
\$500 to \$599.....	50	6	6	11	135	—	1 358	14
\$600 to \$749.....	32	17	8	11	32	11	1 585	5
\$750 or more.....	13	—	—	—	29	—	3 834	222
Median.....	\$311	\$331	\$278	\$307	\$337	\$714	\$712	\$1000+
Not mortgaged.....	720	—	1 251	275	1 283	13	1 954	10
Less than \$50.....	—	—	—	7	—	—	—	—
\$50 to \$74.....	27	—	35	17	29	—	—	—
\$75 to \$99.....	43	—	184	44	126	—	—	—
\$100 to \$149.....	333	—	682	101	569	—	56	—
\$150 to \$199.....	234	—	229	84	376	—	108	—
\$200 to \$249.....	59	—	79	15	122	13	266	—
\$250 or more.....	24	—	42	7	61	—	1 524	10
Median.....	\$144	—	\$127	\$133	\$143	\$225	\$328	\$400+
GROSS RENT								
Specified renter-occupied housing units	284	...	1 329	1 097	1 542	...	1 430	31
Less than \$50.....	—	...	28	5	—	...	—	—
\$50 to \$59.....	—	...	22	61	—	...	—	—
\$60 to \$79.....	—	...	13	17	50	...	—	—
\$80 to \$99.....	—	...	7	42	40	...	—	—
\$100 to \$119.....	5	...	9	46	49	...	—	—
\$120 to \$149.....	19	...	85	54	49	...	—	—
\$150 to \$169.....	4	...	19	68	59	...	11	—
\$170 to \$199.....	38	...	115	56	91	...	13	—
\$200 to \$249.....	67	...	464	327	378	...	10	—
\$250 to \$299.....	75	...	355	284	412	...	15	—
\$300 to \$349.....	45	...	71	88	155	...	172	7
\$350 to \$399.....	17	...	42	15	104	...	276	7
\$400 to \$499.....	10	...	16	24	88	...	449	—
\$500 or more.....	—	...	—	—	14	...	407	17
No cash rent.....	4	...	83	10	53	...	77	—
Median.....	\$253	...	\$237	\$236	\$254	...	\$440	\$500+
HOUSEHOLD INCOME IN 1979								
Occupied housing units	2 881	325	4 630	2 155	5 156	97	13 559	330
Median income.....	\$20 857	\$22 841	\$13 812	\$9 827	\$18 891	\$14 250	\$47 925	\$70 608
Owner-occupied housing units	2 570	311	3 237	893	3 565	29	12 090	299
Median income.....	\$21 724	...	\$16 341	\$11 848	\$22 045	...	\$50 711	\$75000+
Renter-occupied housing units	311	14	1 393	1 262	1 591	68	1 469	31
Median income.....	\$15 125	...	\$9 235	\$8 520	\$13 669	...	\$21 827	\$36 071
INCOME IN 1979 BELOW POVERTY LEVEL								
Owner-occupied housing units	132	...	264	204	111	...	191	—
Percent below poverty level.....	5.1	...	8.2	22.8	3.1	...	1.6	—
Complete plumbing for exclusive use.....	127	...	260	204	111	...	191	—
1.01 or more persons per room.....	12	...	22	25	7	...	—	—
Lacking complete plumbing for exclusive use.....	5	...	4	—	—	...	—	—
1.01 or more persons per room.....	—	...	—	—	—	...	—	—
Renter-occupied housing units	60	...	433	501	164	...	104	—
Percent below poverty level.....	19.3	...	31.1	39.7	10.3	...	7.1	—
Complete plumbing for exclusive use.....	55	...	425	492	164	...	104	—
1.01 or more persons per room.....	4	...	29	55	—	...	4	—
Lacking complete plumbing for exclusive use.....	5	...	8	9	—	...	—	—
1.01 or more persons per room.....	—	...	—	—	—	...	—	—

¹Persons of Spanish origin may be of any race.

Table 90a. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

**Towns/Townships
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Buena Vista township			Canton township		Flint township		Genesee township	
	Race		Spanish origin ¹	Race		Race		Race	
	White	Black		White	Asian and Pacific Islander	White	Black	White	Black
Occupied housing units	2 515	1 565	279	15 292	406	12 365	541	7 620	579
HOUSE HEATING FUEL									
Utility gas	2 032	1 267	232	14 189	400	10 502	271	6 304	482
Bottled, tank, or LP gas	43	28	—	91	—	97	4	123	—
Electricity	38	140	14	433	6	813	260	158	44
Fuel oil, kerosene, etc	362	130	33	547	—	922	6	978	44
Coal or coke	17	—	—	—	—	—	—	7	—
Wood	23	—	—	28	—	26	—	23	—
Other fuel	—	—	—	4	—	5	—	20	9
No fuel used	—	—	—	—	—	—	—	7	—
WATER HEATING FUEL									
Utility gas	1 517	1 190	202	13 550	402	8 986	249	4 974	421
Bottled, tank, or LP gas	66	51	—	81	—	161	19	164	—
Electricity	908	288	77	1 588	4	3 145	273	2 421	140
Fuel oil, kerosene, etc	17	29	—	50	—	68	—	44	—
Other	—	—	—	4	—	5	—	7	9
No fuel used	7	7	—	19	—	—	—	10	9
COOKING FUEL									
Utility gas	1 481	982	203	8 432	275	3 556	68	3 177	399
Bottled, tank, or LP gas	92	36	—	67	—	210	—	202	—
Electricity	936	547	76	6 773	131	8 579	470	4 222	180
Other	6	—	—	10	—	5	—	19	—
No fuel used	—	—	—	10	—	15	3	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	1 333	1 137	184	9 027	308	7 152	53	4 984	408
With a mortgage	523	918	98	8 254	308	4 546	36	2 908	315
Less than \$100	—	—	—	—	—	8	—	10	14
\$100 to \$149	—	8	—	—	—	20	—	13	8
\$150 to \$199	68	51	—	7	—	144	—	82	39
\$200 to \$249	143	117	16	53	—	393	—	360	44
\$250 to \$299	98	135	21	100	—	866	—	614	92
\$300 to \$349	123	181	34	262	—	813	—	500	30
\$350 to \$399	58	143	16	590	—	675	—	504	16
\$400 to \$449	15	123	—	848	11	464	—	350	26
\$450 to \$499	—	52	11	1 206	18	386	6	222	5
\$500 to \$599	12	69	—	2 239	71	422	8	166	24
\$600 to \$749	6	39	—	2 181	114	233	17	61	8
\$750 or more	—	—	—	768	94	122	5	26	9
Median	\$276	\$341	\$318	\$544	\$676	\$352	\$622	\$338	\$279
Not mortgaged	810	219	86	773	—	2 606	17	2 076	93
Less than \$50	11	—	3	—	—	11	—	6	—
\$50 to \$74	11	—	—	—	—	—	—	24	—
\$75 to \$99	95	16	10	—	—	159	—	83	—
\$100 to \$149	335	88	48	74	—	855	—	546	22
\$150 to \$199	257	76	19	219	—	897	—	894	20
\$200 to \$249	82	13	6	229	—	458	8	385	44
\$250 or more	19	26	—	251	—	226	9	138	7
Median	\$144	\$153	\$122	\$220	—	\$164	\$306	\$167	\$205
GROSS RENT									
Specified renter-occupied housing units	315	285	49	3 873	65	3 352	444	1 006	138
Less than \$50	—	—	—	—	—	—	—	—	—
\$50 to \$59	—	—	—	7	—	12	—	4	—
\$60 to \$79	—	—	—	35	—	25	—	—	—
\$80 to \$99	—	—	—	46	—	44	—	—	—
\$100 to \$119	8	—	—	56	—	98	—	—	—
\$120 to \$149	6	11	—	104	—	84	—	5	—
\$150 to \$169	28	11	—	74	—	96	—	39	—
\$170 to \$199	39	18	13	188	—	133	17	72	30
\$200 to \$249	84	60	26	287	12	520	10	288	18
\$250 to \$299	55	68	6	1 084	15	867	173	342	69
\$300 to \$349	38	69	4	864	24	755	163	104	9
\$350 to \$399	22	20	—	499	4	352	66	40	12
\$400 to \$499	7	20	—	367	—	196	15	39	—
\$500 or more	—	—	—	194	—	52	—	6	—
No cash rent	34	8	—	68	10	118	—	67	—
Median	\$243	\$274	\$236	\$301	\$301	\$284	\$307	\$259	\$261
HOUSEHOLD INCOME IN 1979									
Occupied housing units	2 515	1 565	279	15 292	406	12 365	541	7 620	579
Median income	\$16 265	\$18 583	\$17 524	\$27 070	\$35 643	\$20 967	\$21 060	\$20 623	\$16 953
Owner-occupied housing units	2 194	1 256	223	11 341	341	8 981	93	6 607	441
Median income	\$16 487	\$21 576	\$18 429	\$30 330	\$37 964	\$24 240	\$35 278	\$21 795	\$22 275
Renter-occupied housing units	321	309	56	3 951	65	3 384	448	1 013	138
Median income	\$14 028	\$8 036	\$8 684	\$17 621	\$13 958	\$13 948	\$19 181	\$11 962	\$5 870
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units	212	148	36	313	—	474	8	467	78
Percent below poverty level	9.7	11.8	16.1	2.8	—	5.3	8.6	7.1	17.7
Complete plumbing for exclusive use	212	141	36	300	—	474	8	453	78
1.01 or more persons per room	8	29	12	12	—	19	—	13	25
Lacking complete plumbing for exclusive use	—	7	—	13	—	—	—	14	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	59	131	31	448	14	633	68	282	89
Percent below poverty level	18.4	42.4	55.4	11.3	21.5	18.7	15.2	27.8	64.5
Complete plumbing for exclusive use	59	131	24	444	14	621	68	282	80
1.01 or more persons per room	5	14	5	20	—	49	—	14	20
Lacking complete plumbing for exclusive use	—	7	—	4	—	12	—	—	9
1.01 or more persons per room	—	—	—	—	—	—	—	—	—

¹Persons of Spanish origin may be of any race.

Table 90a. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

**Towns/Townships
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Kalamozoo township		Mount Morris township		Oronoko township		Pittsfield township	
	Race		Race		Race		Race	
	White	Black	White	Black	White	Black	White	Black
Occupied housing units	7 569	459	6 568	1 942	2 796	289	4 605	562
HOUSE HEATING FUEL								
Utility gas	5 858	349	5 522	1 726	1 334	141	3 568	418
Bottled, tank, or LP gas	21	7	49	33	13	10	69	21
Electricity	305	45	154	139	523	109	505	113
Fuel oil, kerosene, etc	1 309	58	793	44	819	24	450	—
Cool or coke	5	—	6	—	—	—	—	—
Wood	39	—	44	—	83	—	6	—
Other fuel	32	—	—	—	15	—	7	10
No fuel used	—	—	—	—	9	5	—	—
WATER HEATING FUEL								
Utility gas	5 707	359	4 567	1 743	783	100	3 105	377
Bottled, tank, or LP gas	70	14	40	51	22	6	83	10
Electricity	1 638	63	1 911	148	1 953	174	1 387	159
Fuel oil, kerosene, etc	134	17	45	—	38	—	30	6
Other	15	6	5	—	—	—	—	10
No fuel used	5	—	—	—	—	9	—	—
COOKING FUEL								
Utility gas	2 547	136	2 808	1 334	239	14	1 318	157
Bottled, tank, or LP gas	107	—	75	—	81	9	68	—
Electricity	4 909	323	3 676	602	2 469	266	3 211	405
Other	6	—	9	6	7	—	—	—
No fuel used	—	—	—	—	—	—	8	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units	4 688	213	4 692	1 343	1 175	44	1 397	32
With a mortgage	2 653	184	2 786	1 224	696	44	1 146	29
Less than \$100	—	—	29	5	—	—	—	—
\$100 to \$149	28	—	55	7	1	—	—	—
\$150 to \$199	124	—	182	8	11	—	5	—
\$200 to \$249	317	15	565	109	81	2	7	—
\$250 to \$299	549	22	482	294	96	—	27	—
\$300 to \$349	532	32	634	328	125	—	53	4
\$350 to \$399	366	30	293	242	78	15	154	—
\$400 to \$449	245	19	241	105	68	8	191	2
\$450 to \$499	163	11	149	57	94	6	101	—
\$500 to \$599	224	29	111	29	63	5	241	6
\$600 to \$749	80	20	37	26	57	8	263	17
\$750 or more	25	6	8	14	22	—	104	—
Median	\$329	\$388	\$306	\$329	\$372	\$431	\$511	\$666
Not mortgaged	2 035	29	1 906	119	479	—	251	3
Less than \$50	6	—	6	—	—	—	—	—
\$50 to \$74	17	—	23	—	12	—	4	—
\$75 to \$99	149	—	82	—	32	—	3	—
\$100 to \$149	892	6	667	34	208	—	36	—
\$150 to \$199	690	6	663	33	183	—	96	3
\$200 to \$249	207	11	328	22	42	—	62	—
\$250 or more	74	6	137	30	2	—	50	—
Median	\$148	\$211	\$162	\$193	\$148	—	\$193	\$163
GROSS RENT								
Specified renter-occupied housing units	2 123	193	872	415	1 107	236	2 799	511
Less than \$50	6	—	7	—	—	—	—	—
\$50 to \$59	—	—	—	6	—	—	—	—
\$60 to \$79	16	—	—	—	13	6	9	—
\$80 to \$99	18	—	7	6	10	—	—	—
\$100 to \$119	21	—	—	—	13	5	7	—
\$120 to \$149	45	9	7	12	73	16	14	—
\$150 to \$169	58	—	16	15	51	35	29	—
\$170 to \$199	65	—	63	15	252	68	14	7
\$200 to \$249	475	30	165	50	287	46	93	13
\$250 to \$299	721	84	279	140	196	25	700	190
\$300 to \$349	441	46	136	39	92	19	1 181	185
\$350 to \$399	122	12	67	85	42	5	464	76
\$400 to \$499	42	12	64	39	27	7	172	35
\$500 or more	5	—	—	—	5	—	78	5
No cash rent	88	—	61	8	46	4	38	—
Median	\$272	\$288	\$278	\$280	\$222	\$189	\$322	\$312
HOUSEHOLD INCOME IN 1979								
Occupied housing units	7 569	459	6 568	1 942	2 796	289	4 605	562
Median income	\$17 359	\$16 672	\$21 111	\$21 526	\$17 188	\$8 875	\$21 747	\$17 788
Owner-occupied housing units	5 421	266	5 637	1 469	1 608	53	1 754	40
Median income	\$19 991	\$25 333	\$22 655	\$25 489	\$21 408	\$27 917	\$30 024	\$32 500
Renter-occupied housing units	2 148	193	931	473	1 188	236	2 851	522
Median income	\$12 703	\$12 109	\$10 450	\$8 538	\$11 614	\$6 719	\$17 635	\$16 992
INCOME IN 1979 BELOW POVERTY LEVEL								
Owner-occupied housing units	273	7	407	174	84	—	60	—
Percent below poverty level	5.0	2.6	7.2	11.8	5.2	—	3.4	—
Complete plumbing for exclusive use	268	7	407	174	84	—	60	—
1.01 or more persons per room	—	—	25	49	2	—	—	—
Locking complete plumbing for exclusive use	5	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—
Renter-occupied housing units	381	31	337	188	184	91	230	59
Percent below poverty level	17.7	16.1	36.2	39.7	15.5	38.6	8.1	11.3
Complete plumbing for exclusive use	381	31	337	188	178	76	230	59
1.01 or more persons per room	—	—	53	27	36	38	5	—
Locking complete plumbing for exclusive use	—	—	—	—	6	15	—	—
1.01 or more persons per room	—	—	—	—	—	6	—	—

¹Persons of Spanish origin may be of any race.

Table 90a. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 1980—Con.

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

**Towns/Townships
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Pontiac township		Saginaw township	Sumpter township		Ypsilanti township	
	Race			Race		Race	
	White	Black	Spanish origin ¹	White	Black	White	Black
Occupied housing units -----	4 815	292	250	3 050	520	13 949	1 979
HOUSE HEATING FUEL							
Utility gas -----	3 930	245	205	2 221	204	12 290	1 566
Bottled, tank, or LP gas -----	43	—	—	259	213	191	33
Electricity -----	316	40	12	79	21	694	270
Fuel oil, kerosene, etc -----	486	—	33	446	74	667	3
Coal or coke -----	—	—	—	14	—	6	—
Wood -----	35	—	—	25	8	25	—
Other fuel -----	—	7	—	—	—	76	99
No fuel used -----	5	—	—	6	—	—	8
WATER HEATING FUEL							
Utility gas -----	3 269	232	203	1 822	126	10 769	1 657
Bottled, tank, or LP gas -----	132	—	—	256	210	175	34
Electricity -----	1 394	60	47	940	156	2 950	266
Fuel oil, kerosene, etc -----	20	—	—	18	10	36	—
Other -----	—	—	—	—	6	12	—
No fuel used -----	—	—	—	14	12	7	22
COOKING FUEL							
Utility gas -----	2 064	164	139	1 704	176	6 312	1 114
Bottled, tank, or LP gas -----	65	—	—	258	184	310	23
Electricity -----	2 681	128	111	1 075	157	7 327	842
Other -----	—	—	—	13	3	—	—
No fuel used -----	5	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
Specified owner-occupied housing units -----	2 540	58	174	1 328	282	6 639	786
With a mortgage -----	1 674	58	162	958	125	5 100	750
Less than \$100 -----	—	—	—	—	—	18	—
\$100 to \$149 -----	5	—	—	7	—	11	—
\$150 to \$199 -----	25	—	—	—	7	80	13
\$200 to \$249 -----	80	—	7	77	—	516	42
\$250 to \$299 -----	217	—	4	112	—	750	102
\$300 to \$349 -----	278	5	26	169	24	905	83
\$350 to \$399 -----	309	10	33	135	15	703	146
\$400 to \$449 -----	224	10	24	164	10	556	114
\$450 to \$499 -----	138	5	13	124	16	440	48
\$500 to \$599 -----	217	14	7	126	32	592	106
\$600 to \$749 -----	116	—	41	38	14	342	42
\$750 or more -----	65	14	7	6	7	187	54
Median -----	\$388	\$490	\$423	\$392	\$470	\$369	\$396
Not mortgaged -----	866	—	12	370	157	1 539	36
Less than \$50 -----	—	—	—	—	—	—	—
\$50 to \$74 -----	—	—	—	—	—	—	—
\$75 to \$99 -----	18	—	—	13	—	40	—
\$100 to \$149 -----	310	—	—	103	31	428	—
\$150 to \$199 -----	318	—	12	124	73	637	17
\$200 to \$249 -----	156	—	—	64	22	258	9
\$250 or more -----	64	—	—	66	31	176	10
Median -----	\$163	—	\$179	\$171	\$173	\$170	\$206
GROSS RENT							
Specified renter-occupied housing units -----	1 692	193	43	197	...	5 548	989
Less than \$50 -----	—	—	—	—	...	47	8
\$50 to \$59 -----	—	—	—	—	...	—	6
\$60 to \$79 -----	—	—	—	7	...	137	16
\$80 to \$99 -----	20	—	—	—	...	82	39
\$100 to \$119 -----	—	—	—	4	...	23	13
\$120 to \$149 -----	13	—	—	7	...	123	32
\$150 to \$169 -----	12	—	—	5	...	69	39
\$170 to \$199 -----	85	—	—	6	...	127	10
\$200 to \$249 -----	382	40	—	64	...	684	82
\$250 to \$299 -----	276	25	11	27	...	1 419	235
\$300 to \$349 -----	569	69	16	34	...	1 313	240
\$350 to \$399 -----	161	14	5	17	...	595	140
\$400 to \$499 -----	103	40	11	5	...	680	94
\$500 or more -----	24	—	—	21	...	190	35
No cash rent -----	47	5	—	—	...	59	—
Median -----	\$303	\$321	\$333	\$264	...	\$301	\$303
HOUSEHOLD INCOME IN 1979							
Occupied housing units -----	4 815	292	250	3 050	520	13 949	1 979
Median income -----	\$21 553	\$23 125	\$25 417	\$21 398	\$16 597	\$21 789	\$18 685
Owner-occupied housing units -----	3 028	79	207	2 772	429	8 307	958
Median income -----	\$24 598	\$41 316	\$30 192	\$22 182	...	\$25 127	\$24 841
Renter-occupied housing units -----	1 787	213	43	278	91	5 642	1 021
Median income -----	\$17 149	\$20 685	\$17 708	\$13 750	...	\$17 056	\$13 939
INCOME IN 1979 BELOW POVERTY LEVEL							
Owner-occupied housing units -----	93	—	13	149	...	331	83
Percent below poverty level -----	3.1	—	6.3	5.4	...	4.0	8.7
Complete plumbing for exclusive use -----	93	—	13	149	...	331	74
1.01 or more persons per room -----	—	—	6	—	...	27	8
Lacking complete plumbing for exclusive use -----	—	—	—	—	...	—	9
1.01 or more persons per room -----	—	—	—	—	...	—	—
Renter-occupied housing units -----	169	12	—	72	...	732	229
Percent below poverty level -----	9.5	5.6	—	25.9	...	13.0	22.4
Complete plumbing for exclusive use -----	169	12	—	61	...	732	215
1.01 or more persons per room -----	—	—	—	15	...	28	24
Lacking complete plumbing for exclusive use -----	—	—	—	11	...	—	14
1.01 or more persons per room -----	—	—	—	—	...	—	—

¹Persons of Spanish origin may be of any race.

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 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.]

Places	Algonac city	Allegan city	Alma city	Bad Axe city	Belding city	Belleville city	Benton Heights (CDP)	Bessemer city	Blissfield village	Bloomfield Hills city	Boyer City city	Brighton city
Year-round housing units	1 657	1 708	3 241	1 263	2 010	1 496	2 464	1 099	1 170	1 360	1 456	1 869
Complete kitchen facilities	1 628	1 687	3 212	1 254	1 995	1 496	2 365	1 067	1 170	1 342	1 450	1 837
YEAR STRUCTURE BUILT												
1979 to March 1980	103	5	78	63	61	60	17	15	7	78	36	25
1975 to 1978	105	55	245	124	126	170	53	19	83	87	136	288
1970 to 1974	265	96	300	76	246	515	104	19	66	119	172	677
1960 to 1969	140	120	286	91	192	165	519	30	110	508	116	204
1940 to 1959	478	283	888	309	391	293	1 163	144	239	309	238	314
1939 or earlier	566	1 149	1 444	600	994	293	608	872	665	259	758	361
HEATING EQUIPMENT												
Steam or hot water system	310	122	497	284	241	251	102	318	155	291	136	144
Central warm-air furnace	794	1 349	2 084	796	1 454	1 106	1 645	689	862	1 048	1 033	1 518
Electric heat pump	26	11	49	4	—	—	—	—	—	—	8	10
Other built-in electric units	154	59	123	14	52	66	103	12	21	—	16	19
Other means or none	373	167	488	165	263	73	597	80	112	21	263	178
BEDROOMS												
None	—	6	2	—	5	5	44	5	—	—	12	42
1	256	229	508	168	251	302	336	151	99	24	135	368
2	502	438	1 031	352	592	603	1 000	363	376	245	561	757
3	675	673	1 188	528	768	499	759	443	455	319	527	542
4	214	276	387	181	335	75	262	113	220	408	174	141
5 or more	10	86	125	34	59	12	63	24	20	364	47	19
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 380	1 363	2 426	990	1 633	1 026	2 150	933	986	1 096	1 283	980
2 to 4	94	223	367	108	166	76	227	108	154	99	78	200
5 to 9	39	45	191	17	99	189	20	52	18	80	12	129
10 to 49	95	77	212	148	108	197	67	6	12	85	83	483
50 or more	49	—	45	—	4	8	—	—	—	—	—	77
BATHROOMS												
No bathroom or only a half bath	16	49	36	15	61	10	78	68	20	—	27	51
1 complete bathroom	1 272	1 234	2 053	780	1 407	914	2 060	777	759	104	1 125	1 256
1 complete bathroom plus half bath(s)	190	256	634	330	286	380	190	209	216	98	182	325
2 or more complete bathrooms	179	169	518	138	256	192	136	45	175	1 158	122	237
AIR CONDITIONING												
None	1 306	1 298	2 324	929	1 426	616	1 904	1 089	706	308	1 390	779
Central system	31	61	252	71	101	494	131	—	179	906	12	653
1 or more individual room units	320	349	665	263	483	386	429	10	285	146	54	437
Occupied housing units	1 584	1 612	3 090	1 185	1 952	1 430	2 204	993	1 127	1 273	1 257	1 675
No telephone	93	60	192	39	65	25	219	57	33	—	81	62
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	355	311	843	254	430	356	512	109	137	198	258	537
1975 to 1978	469	398	909	285	473	500	454	154	393	411	375	677
1970 to 1974	291	249	360	221	352	266	330	195	188	262	259	234
1960 to 1969	247	276	430	130	285	107	377	131	176	279	158	108
1959 or earlier	222	378	548	295	412	208	531	404	233	123	207	119
HOUSE HEATING FUEL												
Utility gas	1 345	1 305	2 806	885	1 827	1 334	1 455	529	959	1 151	1 042	1 609
Bottled, tank, or LP gas	17	9	13	10	17	—	64	18	—	—	—	6
Electricity	177	65	203	18	46	57	175	12	41	13	24	39
Fuel oil, kerosene, etc.	32	206	51	246	46	39	479	427	113	109	108	21
Coal or coke	—	5	—	—	—	—	19	—	—	—	—	—
Wood	13	19	26	16	—	—	12	7	14	—	83	—
Other fuel	—	3	—	—	—	—	—	—	—	—	—	—
No fuel used	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None	148	116	302	97	200	72	483	170	85	7	148	89
1	688	560	1 357	563	778	707	990	419	396	279	544	675
2	514	732	1 020	427	656	427	492	317	476	559	435	736
3 or more	234	204	411	98	318	224	239	87	170	428	130	175
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	448	449	696	333	481	334	561	387	278	310	328	249
Owner-occupied housing units	332	318	521	273	331	237	373	321	251	289	271	143
Lacking complete plumbing for exclusive use	6	3	9	—	12	—	9	20	4	—	12	6
No complete kitchen facilities	—	—	—	—	—	—	12	—	—	—	6	12
No vehicle available	95	92	136	77	124	52	241	111	85	—	97	68
No telephone	12	4	5	9	16	8	43	11	5	—	13	6
Lacking central heating system	48	46	80	63	20	13	119	20	15	5	20	16
Lacking air conditioning	378	300	451	270	307	170	398	387	144	52	316	91
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	1 136	1 067	1 796	796	1 190	423	1 083	700	757	789	770	696
With a mortgage	749	595	974	394	717	199	518	162	369	538	322	523
Less than \$100	—	—	—	—	—	—	5	—	—	—	8	—
\$100 to \$199	20	44	46	19	124	6	64	11	—	—	32	—
\$200 to \$299	252	261	402	117	308	27	318	70	24	—	120	48
\$300 to \$399	249	165	214	115	192	106	96	64	178	—	106	136
\$400 to \$599	190	99	234	125	93	46	27	17	161	26	50	199
\$600 or more	38	26	78	18	—	14	8	—	6	512	6	140
Median	\$334	\$298	\$314	\$341	\$279	\$375	\$257	\$300	\$391	\$1000+	\$301	\$475
Not mortgaged	387	472	822	402	473	224	565	538	388	251	448	173
Median	\$175	\$139	\$133	\$146	\$122	\$186	\$123	\$132	\$195	\$400+	\$140	\$179
GROSS RENT												
Specified renter-occupied housing units	355	433	1 019	306	538	485	864	226	214	145	292	800
Less than \$80	34	13	74	9	59	—	45	33	—	—	26	—
\$80 to \$99	27	13	65	10	50	—	4	—	—	—	—	5
\$100 to \$149	16	68	69	15	37	—	89	74	19	7	—	23
\$150 to \$199	62	81	258	118	148	36	142	59	57	—	77	17
\$200 to \$299	149	156	410	94	169	233	436	21	80	7	118	307
\$300 to \$399	32	69	119	36	28	174	96	36	12	29	37	336
\$400 or more	8	8	17	6	13	27	5	—	28	51	10	85
No cash rent	27	25	7	18	34	15	44	26	18	51	24	27
Median	\$216	\$208	\$207	\$196	\$185	\$286	\$227	\$147	\$247	\$500+	\$218	\$307
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$16 446	\$15 733	\$14 908	\$13 415	\$14 117	\$20 025	\$9 057	\$9 577	\$18 207	\$69 568	\$13 135	\$20 717
Owner-occupied housing units	\$18 885	\$19 121	\$19 116	\$14 848	\$16 376	\$22 463	\$10 873	\$12 513	\$20 240	\$75000+	\$14 655	\$24 965
Renter-occupied housing units	\$7 440	\$9 113	\$9 197	\$10 660	\$9 730	\$14 792	\$6 667	\$5 405	\$14 265	\$23 068	\$7 791	\$16 356

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Brownlee Park (CDP)	Buchanan city	Corleton village	Coro village	Cedar Springs city	Center Line city	Charlevoix city	Charlotte city	Cheboygan city	Chelsea village	Chesaning village	Clare city
Year-round housing units	1 199	2 080	967	1 777	940	3 642	1 598	3 170	2 018	1 386	959	1 416
Complete kitchen facilities	1 192	2 052	961	1 767	936	3 639	1 580	3 132	1 984	1 382	953	1 369
YEAR STRUCTURE BUILT												
1979 to March 1980	—	—	109	6	58	22	60	148	34	2	11	185
1975 to 1978	17	158	151	218	83	266	160	130	103	54	41	169
1970 to 1974	83	276	309	145	126	256	166	197	154	110	47	91
1960 to 1969	313	200	49	174	113	599	110	360	219	180	128	267
1940 to 1959	367	576	100	318	202	1 958	195	698	334	396	315	316
1939 or earlier	419	870	249	916	358	541	907	1 637	1 174	644	417	388
HEATING EQUIPMENT												
Steam or hot water system	27	101	88	208	102	310	354	150	486	256	127	255
Central warm-air furnace	947	1 312	775	1 099	667	3 098	1 084	2 394	1 073	1 011	697	873
Electric heat pump	—	58	8	49	3	21	37	28	74	17	7	5
Other built-in electric units	—	333	20	87	13	134	43	149	58	23	25	61
Other means or none	225	276	76	334	155	79	80	447	375	79	103	222
BEDROOMS												
None	—	—	6	10	8	61	22	92	55	16	7	37
1	183	381	51	278	147	609	270	497	222	192	109	199
2	753	754	425	658	394	1 074	389	1 075	584	390	319	579
3	182	641	415	577	309	1 594	625	1 034	782	525	354	424
4	56	230	60	234	71	250	195	427	276	220	128	157
5 or more	25	74	10	20	11	54	97	45	99	43	42	20
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 154	1 399	878	1 291	720	2 556	1 104	2 280	1 587	965	759	983
2 to 4	33	263	52	253	126	219	205	481	214	282	175	180
5 to 9	—	77	—	69	68	240	132	168	51	72	17	56
10 to 49	12	331	35	50	26	198	109	172	166	67	8	107
50 or more	—	10	2	114	—	429	48	69	—	—	—	90
BATHROOMS												
No bathroom or only a half bath	38	37	10	66	20	20	25	86	62	22	14	31
1 complete bathroom	1 062	1 500	688	1 201	728	2 419	905	2 299	1 429	844	635	942
1 complete bathroom plus half bath(s)	66	332	139	301	125	907	259	437	244	276	179	280
2 or more complete bathrooms	33	211	130	209	67	296	409	348	283	244	131	163
AIR CONDITIONING												
None	884	884	590	1 225	719	1 806	1 565	2 418	1 865	826	707	1 092
Central system	61	431	122	136	59	722	13	217	68	123	39	103
1 or more individual room units	254	765	255	416	162	1 114	20	535	85	437	213	221
Occupied housing units	1 152	1 915	944	1 678	859	3 581	1 302	3 007	1 803	1 342	915	1 287
No telephone	33	108	42	106	107	46	52	174	86	43	39	79
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	278	501	282	316	289	379	277	827	344	243	157	390
1975 to 1978	248	487	326	480	219	931	770	770	484	359	266	348
1970 to 1974	161	212	168	250	127	559	194	435	194	192	103	167
1960 to 1969	221	267	54	285	112	613	240	416	307	253	145	219
1959 or earlier	244	448	114	347	112	1 099	231	559	474	295	244	163
HOUSE HEATING FUEL												
Utility gas	840	1 412	874	1 451	782	3 295	1 142	2 601	1 474	1 235	656	1 176
Bottled, tank, or LP gas	38	—	10	—	8	—	—	19	16	6	4	—
Electricity	5	376	30	135	17	236	48	210	93	33	44	73
Fuel oil, kerosene, etc.	259	114	24	87	41	50	97	155	163	61	193	26
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—
Wood	10	13	6	5	8	—	15	22	57	—	18	12
Other fuel	—	—	—	—	3	—	—	—	—	7	—	—
No fuel used	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None	98	237	29	206	85	522	135	303	226	101	37	130
1	643	889	320	802	406	1 396	504	1 251	757	494	338	593
2	282	573	417	581	250	1 045	469	1 053	636	495	392	386
3 or more	129	216	178	89	118	618	194	400	184	252	148	178
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	254	519	77	529	146	1 198	294	710	495	360	191	386
Owner-occupied housing units	240	367	68	385	96	592	244	467	388	220	167	260
Lacking complete plumbing for exclusive use	—	7	3	7	2	—	—	17	21	11	—	5
No complete kitchen facilities	—	6	—	—	—	—	—	12	8	—	6	17
No vehicle available	28	151	12	119	39	446	96	187	138	72	9	92
No telephone	5	24	1	23	7	10	6	11	33	23	18	14
Lacking central heating system	34	44	13	36	21	20	10	76	83	19	—	32
Lacking air conditioning	180	186	51	298	104	596	294	533	453	203	140	289
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	580	1 120	385	956	412	2 053	745	1 740	1 107	797	618	659
With a mortgage	272	569	222	495	218	966	298	1 113	495	465	298	279
Less than \$100	4	—	—	—	—	7	—	—	6	—	—	—
\$100 to \$199	70	49	3	6	17	6	22	60	24	—	—	13
\$200 to \$299	124	216	53	153	67	257	67	396	182	40	91	73
\$300 to \$399	74	234	66	129	50	418	90	368	166	127	89	74
\$400 to \$599	—	31	74	163	26	236	95	273	109	254	108	110
\$600 or more	—	39	26	44	9	42	24	16	8	44	10	9
Median	\$240	\$306	\$382	\$363	\$286	\$348	\$367	\$324	\$318	\$454	\$356	\$367
Not mortgaged	308	551	163	461	194	1 087	447	627	612	332	320	380
Median	\$115	\$139	\$159	\$137	\$134	\$177	\$141	\$151	\$138	\$179	\$168	\$153
GROSS RENT												
Specified renter-occupied housing units	316	682	116	558	281	1 252	437	1 040	511	438	230	470
Less than \$80	—	14	—	51	8	81	8	32	32	—	—	59
\$80 to \$99	—	—	—	44	23	53	—	12	29	—	10	8
\$100 to \$149	40	28	3	55	25	435	23	147	61	25	10	71
\$150 to \$199	106	161	22	115	76	171	128	188	109	87	64	142
\$200 to \$299	137	354	55	236	93	263	195	470	211	143	120	153
\$300 to \$399	16	76	19	51	35	192	62	130	29	138	12	29
\$400 or more	—	13	4	6	2	20	—	25	—	34	—	—
No cash rent	17	36	13	—	19	37	21	36	40	11	14	8
Median	\$202	\$232	\$251	\$204	\$199	\$158	\$230	\$221	\$201	\$285	\$220	\$179
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$12 060	\$14 662	\$20 591	\$13 833	\$15 146	\$18 877	\$13 917	\$16 011	\$11 801	\$21 425	\$18 869	\$12 171
Owner-occupied housing units	\$12 575	\$17 943	\$20 880	\$16 969	\$17 610	\$23 762	\$17 845	\$20 479	\$15 972	\$26 322	\$21 373	\$16 277
Renter-occupied housing units	\$10 524	\$9 160	\$17 679	\$10 187	\$8 516	\$9 946	\$10 841	\$9 643	\$8 157	\$15 524	\$12 813	\$7 795

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Clio city	Coldwater city	Camstack Park (CDP)	Coopersville city	Corunna city	Cutlerville (CDP)	Dovision city	De Witt city	Dawagoc city	Dundee village	Durand city	East Tawas city
Year-round housing units -----	1 096	3 809	1 947	1 000	1 107	3 114	2 507	1 029	2 434	997	1 455	1 273
Complete kitchen facilities -----	1 090	3 730	1 937	985	1 099	3 064	2 502	1 027	2 385	977	1 433	1 267
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	6	23	168	83	9	205	6	50	88	15	5	38
1975 to 1978 -----	68	264	192	155	82	550	123	270	110	41	27	94
1970 to 1974 -----	214	311	164	115	133	831	746	215	170	84	251	124
1960 to 1969 -----	147	462	655	96	98	721	636	133	144	112	66	140
1940 to 1959 -----	239	813	475	203	302	612	624	181	640	348	287	423
1939 or earlier -----	422	1 936	293	348	483	170	372	180	1 282	397	819	454
HEATING EQUIPMENT												
Steam or hot water system -----	105	569	103	70	70	86	359	49	138	180	78	328
Central warm-air furnace -----	787	2 867	1 680	817	819	2 748	1 955	892	1 680	582	1 100	696
Electric heat pump -----	21	—	3	4	8	6	8	8	13	32	—	9
Other built-in electric units -----	—	82	6	38	25	34	12	51	171	12	64	19
Other means or none -----	183	291	155	71	185	240	173	29	432	191	213	221
BEDROOMS												
None -----	6	66	7	2	14	15	7	6	—	9	5	31
1 -----	286	590	193	75	179	179	633	40	423	138	191	136
2 -----	405	1 235	688	303	406	1 763	775	246	742	408	312	464
3 -----	252	1 253	735	460	345	909	855	554	874	317	687	499
4 -----	140	544	299	133	136	203	237	138	365	119	235	115
5 or more -----	7	121	25	27	27	45	23	45	30	6	25	28
UNITS IN STRUCTURE												
1, mobile home or trailer, etc -----	590	2 774	1 603	872	763	2 947	1 469	834	1 843	655	1 200	1 042
2 to 4 -----	193	542	44	83	134	161	198	79	265	206	344	115
5 to 9 -----	78	185	117	25	83	—	219	60	60	29	—	23
10 to 49 -----	228	168	175	20	127	6	350	110	129	59	11	93
50 or more -----	7	140	8	—	—	—	140	—	137	48	—	—
BATHROOMS												
No bathroom or only a half bath -----	61	128	22	11	19	32	84	—	62	19	21	25
1 complete bathroom -----	817	2 763	1 079	621	859	2 243	1 723	481	1 889	763	1 025	772
1 complete bathroom plus half bath(s) -----	148	478	683	280	146	526	534	321	344	121	235	199
2 or more complete bathrooms -----	70	163	163	88	83	313	166	227	139	94	174	277
AIR CONDITIONING												
None -----	631	2 862	1 142	846	765	2 260	1 270	740	1 434	550	1 012	1 225
Central system -----	250	161	459	24	169	169	675	71	242	90	144	7
1 or more individual room units -----	215	786	346	130	173	685	562	218	758	357	299	41
Occupied housing units -----	1 030	3 581	1 817	963	1 064	3 024	2 389	992	2 276	970	1 393	1 063
No telephone -----	64	255	18	53	34	76	43	16	126	71	57	25
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	289	861	426	250	259	816	572	299	504	233	276	165
1975 to 1978 -----	312	1 059	408	265	327	1 126	695	340	572	230	399	282
1970 to 1974 -----	166	604	225	122	160	434	463	158	299	140	283	184
1960 to 1969 -----	132	499	485	134	150	403	417	92	392	149	160	257
1959 or earlier -----	131	558	273	192	168	245	242	103	509	218	275	175
HOUSE HEATING FUEL												
Utility gas -----	948	3 041	1 710	825	887	2 809	2 228	789	1 981	794	1 202	966
Bottled, tank, or LP gas -----	—	33	33	18	—	94	34	15	11	26	34	15
Electricity -----	34	91	14	37	45	51	82	54	194	61	72	28
Fuel oil, kerosene, etc -----	42	371	49	65	106	70	45	130	72	72	73	29
Coal or coke -----	—	5	—	4	—	—	—	—	8	—	—	—
Wood -----	6	24	11	14	26	—	—	4	10	10	12	17
Other fuel -----	—	11	—	—	—	—	—	—	7	—	—	—
No fuel used -----	—	5	—	—	—	—	—	—	—	—	—	8
VEHICLES AVAILABLE												
None -----	124	412	60	38	101	152	254	28	305	95	82	103
1 -----	455	1 609	554	321	398	1 253	960	241	1 139	327	499	542
2 -----	361	1 117	751	433	319	1 083	790	441	600	361	604	344
3 or more -----	90	443	452	171	246	536	385	282	232	187	208	74
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	191	889	219	136	195	439	534	99	571	228	232	417
Owner-occupied housing units -----	131	610	215	125	115	403	273	67	394	179	204	338
Lacking complete plumbing for exclusive use -----	12	17	9	2	6	12	20	—	5	15	4	—
No complete kitchen facilities -----	—	5	—	1	8	4	—	—	18	10	7	—
No vehicle available -----	75	276	37	27	68	82	212	19	166	52	40	79
No telephone -----	12	21	6	4	—	6	5	—	12	10	7	—
Lacking central heating system -----	22	38	37	5	16	50	26	6	79	32	41	9
Lacking air conditioning -----	114	637	165	119	144	299	331	87	303	119	167	407
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	485	1 972	1 248	590	614	1 304	1 159	699	1 300	525	975	782
With a mortgage -----	306	1 210	951	370	377	848	863	573	649	259	621	269
Less than \$100 -----	—	2	7	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	—	40	28	14	24	97	13	11	92	5	14	19
\$200 to \$299 -----	112	554	486	81	151	343	186	99	304	35	221	119
\$300 to \$399 -----	145	376	265	149	106	292	397	79	179	119	249	73
\$400 to \$599 -----	49	198	149	113	86	110	256	40	91	91	123	50
\$600 or more -----	—	40	16	13	10	6	11	127	34	9	14	8
Median -----	\$324	\$302	\$292	\$356	\$313	\$296	\$358	\$491	\$277	\$378	\$321	\$297
Not mortgaged -----	179	762	297	220	237	456	296	126	651	266	354	513
Median -----	\$166	\$143	\$133	\$159	\$150	\$126	\$155	\$176	\$132	\$173	\$147	\$133
GROSS RENT												
Specified renter-occupied housing units -----	480	1 237	357	171	378	340	1 004	217	789	371	315	206
Less than \$80 -----	12	135	—	—	8	—	—	6	69	—	—	24
\$80 to \$99 -----	—	42	—	3	—	—	—	6	44	—	—	17
\$100 to \$149 -----	20	82	13	18	47	52	54	13	47	9	26	6
\$150 to \$199 -----	58	188	6	31	49	62	201	29	123	81	68	66
\$200 to \$299 -----	323	621	185	75	213	88	538	80	365	147	158	55
\$300 to \$399 -----	54	127	121	19	44	96	184	42	78	69	42	19
\$400 or more -----	—	18	10	8	—	14	8	34	6	47	7	5
No cash rent -----	13	24	22	17	—	28	9	7	57	18	10	14
Median -----	\$254	\$223	\$289	\$224	\$239	\$244	\$250	\$279	\$216	\$244	\$236	\$188
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$16 803	\$14 605	\$21 768	\$18 535	\$17 287	\$17 109	\$20 329	\$24 212	\$13 311	\$18 100	\$19 541	\$10 898
Owner-occupied housing units -----	\$20 896	\$18 071	\$23 252	\$20 043	\$21 794	\$17 662	\$25 012	\$28 806	\$15 908	\$21 500	\$22 300	\$12 128
Renter-occupied housing units -----	\$11 716	\$10 279	\$16 865	\$11 548	\$11 100	\$14 611	\$14 632	\$10 486	\$9 442	\$13 362	\$10 778	\$6 875

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Eastwood (CDP)	Eaton Rapids city	Essexville city	Fair Plain (CDP)	Fenton city	Flat Rock city	Flushing city	Frankenmuth city	Franklin village	Fremont city	Goyldor city	Gibraltar city
Year-round housing units -----	2 949	1 651	1 536	3 443	2 854	2 364	3 018	1 354	972	1 546	1 126	1 617
Complete kitchen facilities -----	2 945	1 642	1 519	3 396	2 819	2 311	3 001	1 354	972	1 542	1 101	1 617
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	71	20	4	21	40	13	29	74	17	30	11	121
1975 to 1978 -----	182	43	48	54	263	291	303	241	52	89	146	105
1970 to 1974 -----	111	153	28	452	287	354	613	225	51	133	112	297
1960 to 1969 -----	516	251	186	646	408	267	741	283	257	261	218	451
1940 to 1959 -----	1 337	414	736	1 809	998	994	776	275	511	437	239	420
1939 or earlier -----	732	770	534	461	858	445	556	256	84	596	400	223
HEATING EQUIPMENT												
Steam or hot water system -----	366	190	167	162	424	289	208	376	178	179	180	211
Central warm-air furnace -----	2 328	1 189	1 265	2 349	2 030	1 870	2 696	837	751	1 070	769	1 304
Electric heat pump -----	5	—	—	85	6	6	7	14	—	9	40	6
Other built-in electric units -----	60	10	27	595	72	32	—	105	31	26	28	25
Other means or none -----	190	262	77	252	322	167	107	22	12	262	109	71
BEDROOMS												
None -----	—	—	—	19	14	34	13	14	—	14	5	—
1 -----	334	271	88	376	304	260	284	138	—	189	181	137
2 -----	1 296	392	432	1 185	854	679	354	354	125	434	195	560
3 -----	1 082	696	833	1 488	1 270	1 014	1 456	578	428	586	476	632
4 -----	231	231	161	347	330	356	602	237	272	290	220	273
5 or more -----	6	61	22	28	82	21	48	33	147	33	49	15
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	2 206	1 292	1 462	2 820	2 214	1 709	2 459	990	945	1 295	850	1 190
2 to 4 -----	182	258	64	120	319	177	202	88	—	161	155	89
5 to 9 -----	70	61	10	34	54	340	152	203	10	74	5	328
10 to 49 -----	441	40	—	418	139	133	56	57	14	16	—	10
50 or more -----	50	—	—	51	128	5	149	16	3	—	116	—
BATHROOMS												
No bathroom or only a half bath -----	17	25	23	14	68	28	4	—	—	20	14	6
1 complete bathroom -----	2 305	1 103	917	2 211	1 696	1 544	1 284	599	26	1 002	761	803
1 complete bathroom plus half bath(s) -----	406	304	370	825	771	592	1 000	357	249	264	193	495
2 or more complete bathrooms -----	221	219	226	393	319	200	730	398	697	260	158	313
AIR CONDITIONING												
None -----	1 551	1 183	984	1 469	1 985	1 125	1 795	664	280	1 255	1 022	857
Central system -----	429	110	191	676	301	635	713	228	496	86	32	479
1 or more individual room units -----	969	358	361	1 298	568	604	510	462	196	205	72	281
Occupied housing units -----	2 761	1 608	1 505	3 261	2 748	2 314	2 934	1 323	956	1 482	1 070	1 488
No telephone -----	52	60	27	128	30	100	50	6	—	37	42	14
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	735	356	176	612	605	432	457	320	64	279	263	306
1975 to 1978 -----	552	432	304	921	879	867	983	358	288	385	258	424
1970 to 1974 -----	353	317	267	520	409	267	572	205	144	221	174	298
1960 to 1969 -----	469	261	311	564	475	312	527	201	290	312	154	311
1959 or earlier -----	652	242	447	644	380	436	395	239	170	285	221	149
HOUSE HEATING FUEL												
Utility gas -----	2 115	1 465	1 452	2 028	2 372	2 123	2 651	1 186	721	1 394	796	1 426
Bottled, tank, or LP gas -----	11	40	—	18	21	7	30	—	—	—	7	—
Electricity -----	107	23	30	625	91	71	33	108	44	35	99	50
Fuel oil, kerosene, etc. -----	488	75	23	590	200	101	203	29	191	39	155	12
Coal or coke -----	5	—	—	—	—	5	—	—	—	8	—	—
Wood -----	15	5	—	—	49	7	17	—	—	6	13	—
Other fuel -----	20	—	—	—	15	—	—	—	—	—	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	208	109	110	263	146	91	126	28	—	124	117	28
1 -----	1 203	642	498	1 241	893	834	857	513	110	727	514	444
2 -----	960	615	752	1 310	1 187	998	1 305	575	529	523	311	635
3 or more -----	390	242	145	447	522	391	646	207	317	108	128	381
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	647	375	372	787	511	271	464	241	188	394	308	174
Owner-occupied housing units -----	588	268	364	676	363	203	326	157	181	313	218	162
Lacking complete plumbing for exclusive use -----	5	11	—	—	11	6	—	—	—	5	—	—
No complete kitchen facilities -----	—	—	—	—	—	—	—	—	—	—	—	—
No vehicle available -----	155	74	68	168	125	63	82	—	—	93	68	9
No telephone -----	10	8	—	10	—	7	—	—	—	2	—	—
Lacking central heating system -----	12	56	—	72	17	43	12	—	—	45	32	13
Lacking air conditioning -----	417	203	253	376	398	148	253	117	87	299	279	116
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	1 838	1 027	1 297	2 227	1 794	1 429	2 128	862	834	918	656	1 007
With a mortgage -----	970	576	674	1 303	1 293	1 055	1 525	521	636	457	310	782
Less than \$100 -----	—	—	5	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	65	22	13	77	14	18	6	—	6	13	10	5
\$200 to \$299 -----	382	143	212	494	240	244	208	16	8	136	94	165
\$300 to \$399 -----	316	234	251	395	481	384	544	122	45	173	122	282
\$400 to \$599 -----	196	145	139	304	453	365	668	245	146	103	84	260
\$600 or more -----	11	32	59	28	105	44	99	138	431	32	—	70
Median -----	\$310	\$345	\$347	\$314	\$380	\$371	\$401	\$500	\$719	\$338	\$348	\$374
Not mortgaged -----	868	451	623	924	501	374	603	341	198	461	346	225
Median -----	\$134	\$146	\$145	\$149	\$175	\$168	\$190	\$185	\$297	\$129	\$145	\$190
GROSS RENT												
Specified renter-occupied housing units -----	814	437	138	830	739	743	587	393	28	362	348	360
Less than \$80 -----	—	—	—	5	20	30	—	—	—	15	21	—
\$80 to \$99 -----	13	—	—	16	30	32	—	—	—	23	21	—
\$100 to \$149 -----	13	46	18	16	73	69	8	—	—	57	42	—
\$150 to \$199 -----	56	148	12	51	38	117	70	14	—	72	55	20
\$200 to \$299 -----	503	150	68	639	371	326	294	240	6	123	100	134
\$300 to \$399 -----	165	44	29	85	122	101	164	93	—	43	72	135
\$400 or more -----	20	16	—	11	59	23	38	21	—	8	37	63
No cash rent -----	44	33	—	13	26	45	13	17	—	12	21	8
Median -----	\$262	\$204	\$251	\$249	\$245	\$246	\$281	\$273	\$500+	\$202	\$214	\$314
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$16 410	\$18 942	\$21 147	\$16 570	\$20 551	\$23 241	\$26 404	\$26 747	\$50 408	\$15 781	\$12 205	\$27 715
Owner-occupied housing units -----	\$17 863	\$21 941	\$22 269	\$18 838	\$24 544	\$26 443	\$29 776	\$31 507	\$50 843	\$17 886	\$15 924	\$29 312
Renter-occupied housing units -----	\$13 814	\$11 194	\$13 056	\$12 119	\$13 137	\$14 516	\$11 610	\$15 078	\$44 000	\$10 089	\$8 773	\$17 988

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Gladstone city	Grand Blanc city	Grand Ledge city	Greenville city	Grosse Pointe city	Grosse Pointe Shores village	Hancock city	Hoslett (CDP)	Hastings city	Hillsdale city	Holly village	Houghton city
Year-round housing units	1 778	2 761	2 786	3 235	2 463	1 050	1 983	3 325	2 508	2 893	1 712	1 818
Complete kitchen facilities	1 737	2 731	2 748	3 179	2 458	1 050	1 891	3 302	2 461	2 863	1 694	1 747
YEAR STRUCTURE BUILT												
1979 to March 1980	5	167	196	113	10	26	6	244	19	11	84	87
1975 to 1978	65	359	430	222	63	72	90	717	61	122	75	204
1970 to 1974	135	578	412	298	73	90	114	742	114	170	291	72
1960 to 1969	104	1 179	270	337	142	335	234	549	221	213	322	280
1940 to 1959	353	290	456	836	759	420	135	751	657	566	336	109
1939 or earlier	1 116	188	1 022	1 429	1 416	107	1 404	322	1 436	1 811	604	1 066
HEATING EQUIPMENT												
Steam or hot water system	545	431	189	442	970	123	608	426	220	358	177	943
Central warm-air furnace	955	2 206	2 171	1 971	1 446	915	1 063	2 186	1 811	2 196	1 333	501
Electric heat pump	—	17	25	29	—	—	—	12	—	27	14	51
Other built-in electric units	74	41	147	107	—	—	140	359	90	62	53	228
Other means or none	204	66	254	686	47	12	160	232	382	250	135	95
BEDROOMS												
None	29	—	43	31	5	—	77	49	58	41	7	74
1	203	450	489	387	143	16	342	697	278	584	201	318
2	439	884	1 004	1 343	595	75	550	1 348	713	812	454	691
3	807	774	918	996	827	391	617	923	1 037	1 037	802	455
4	231	598	263	414	579	309	347	265	376	294	196	176
5 or more	69	55	69	64	314	259	50	43	46	125	52	104
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 457	1 626	1 931	2 482	1 822	1 030	1 212	1 885	1 941	1 873	1 362	878
2 to 4	166	150	419	361	422	14	391	221	388	591	158	249
5 to 9	68	202	63	73	86	5	101	342	109	125	36	481
10 to 49	32	736	269	272	133	1	165	870	70	214	156	169
50 or more	55	47	104	47	—	—	114	7	—	90	—	41
BATHROOMS												
No bathroom or only a half bath	69	30	51	76	—	—	124	49	83	118	10	54
1 complete bathroom	1 295	1 263	1 770	2 398	671	48	1 333	2 220	1 603	2 009	1 304	1 349
1 complete bathroom plus half bath(s)	216	641	559	443	620	86	340	628	484	430	288	235
2 or more complete bathrooms	198	827	406	318	1 172	916	186	428	338	336	110	180
AIR CONDITIONING												
None	1 730	943	1 735	2 363	991	204	1 873	1 609	1 926	2 212	1 193	1 748
Central system	12	1 137	493	140	511	753	7	860	125	220	135	7
1 or more individual room units	36	681	558	732	961	93	103	856	457	461	384	63
Occupied housing units	1 628	2 576	2 647	3 098	2 384	1 013	1 857	3 063	2 387	2 716	1 606	1 748
No telephone	87	12	73	194	12	—	87	86	136	163	77	26
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	265	787	770	661	282	98	409	1 047	493	680	368	549
1975 to 1978	377	838	884	813	703	247	389	1 043	713	757	494	540
1970 to 1974	221	442	313	499	402	217	224	421	290	299	314	151
1960 to 1969	282	379	288	563	482	295	340	303	390	346	224	184
1959 or earlier	483	130	392	562	515	156	495	249	501	634	206	324
HOUSE HEATING FUEL												
Utility gas	1 252	2 440	2 366	2 866	2 297	994	1 048	2 318	2 088	2 386	1 433	854
Bottled, tank, or LP gas	34	—	9	7	—	—	46	25	22	47	—	30
Electricity	65	102	161	136	12	5	149	519	104	89	82	273
Fuel oil, kerosene, etc.	242	28	64	62	75	14	601	170	120	172	61	564
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	17
Wood	35	—	41	17	—	—	—	—	12	—	—	10
Other fuel	—	6	—	10	—	—	—	13	20	33	22	30
No fuel used	—	—	6	—	—	—	—	—	8	—	—	—
VEHICLES AVAILABLE												
None	148	121	183	326	187	12	383	207	287	450	98	226
1	653	933	1 024	1 367	870	174	762	1 129	1 129	1 155	503	944
2	589	1 069	1 000	1 062	1 031	597	466	1 152	715	763	687	438
3 or more	238	453	440	343	296	230	246	465	256	348	318	140
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	466	372	434	839	824	265	640	409	703	852	223	410
Owner-occupied housing units	357	235	302	608	609	259	434	170	544	585	181	278
Locking complete plumbing for exclusive use	23	6	—	31	—	—	10	—	23	28	—	—
No complete kitchen facilities	—	—	6	31	—	—	15	7	15	10	4	13
No vehicle available	99	87	142	207	167	12	249	139	162	279	57	108
No telephone	10	—	6	25	6	—	24	5	7	27	6	6
Locking central heating system	29	—	10	109	12	—	65	5	85	30	16	19
Locking air conditioning	450	117	232	578	289	80	587	282	561	607	177	386
MORTGAGE STATUS AND SELECTED MDNTHLY OWNER COSTS												
Specified owner-occupied housing units	1 138	1 268	1 341	1 805	1 481	929	968	1 119	1 538	1 432	1 099	617
With a mortgage	489	1 047	783	926	902	556	332	849	804	694	833	265
Less than \$100	—	—	—	—	—	—	—	—	14	—	—	—
\$100 to \$199	29	—	23	109	—	—	10	8	28	29	45	5
\$200 to \$299	145	61	210	340	32	—	104	173	313	257	179	44
\$300 to \$399	188	245	271	83	5	—	134	300	312	263	335	109
\$400 to \$599	100	512	229	175	317	50	65	300	105	111	256	73
\$600 or more	27	229	61	31	470	501	19	68	32	34	18	34
Median	\$335	\$469	\$349	\$304	\$615	\$976	\$332	\$379	\$311	\$324	\$344	\$379
Not mortgaged	649	221	558	879	579	373	636	270	734	738	266	352
Median	\$150	\$199	\$166	\$123	\$285	\$400+	\$155	\$200	\$143	\$143	\$164	\$159
GROSS RENT												
Specified renter-occupied housing units	329	1 054	866	999	511	30	771	1 544	678	1 058	378	1 030
Less than \$80	50	—	20	52	—	—	129	114	—	68	—	19
\$80 to \$99	9	—	7	51	—	—	41	15	9	63	—	40
\$100 to \$149	41	—	88	132	14	14	76	81	103	80	27	50
\$150 to \$199	47	38	64	248	15	—	147	64	198	254	48	396
\$200 to \$299	93	609	388	363	70	—	188	533	224	448	184	226
\$300 to \$399	48	315	226	85	147	6	93	587	87	71	85	86
\$400 or more	—	85	57	9	247	10	64	107	23	25	12	178
No cash rent	41	7	16	59	18	—	33	43	34	49	22	35
Median	\$199	\$287	\$261	\$197	\$400	\$308	\$186	\$293	\$206	\$207	\$264	\$190
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$13 301	\$25 856	\$19 469	\$14 086	\$31 194	\$61 564	\$11 654	\$18 880	\$15 268	\$13 339	\$21 417	\$11 629
Owner-occupied housing units	\$15 908	\$33 462	\$21 007	\$17 658	\$36 171	\$62 366	\$15 923	\$24 240	\$19 260	\$17 292	\$23 807	\$19 041
Renter-occupied housing units	\$7 020	\$16 897	\$15 788	\$9 124	\$17 171	\$20 938	\$7 370	\$13 776	\$8 502	\$8 602	\$15 477	\$8 632

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Howell city	Hudson city	Hudsonville city	Huntington Woods city	Ionio city	Iron Mountain city	Ironwood city	Ishpeming city	Ithaca city	Keego Harbor city	Kingsford city	K. I. Sawyer AFB (CDP)
Year-round housing units -----	2 844	930	1 637	2 469	2 347	3 637	3 424	3 298	1 112	1 324	2 090	1 886
Complete kitchen facilities -----	2 822	905	1 632	2 469	2 300	3 566	3 357	3 233	1 095	1 319	2 082	1 886
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	97	10	214	—	7	63	16	—	26	18	39	—
1975 to 1978 -----	282	17	148	8	113	157	78	268	101	40	125	19
1970 to 1974 -----	531	16	301	6	88	174	109	87	91	211	147	109
1960 to 1969 -----	242	42	281	157	125	236	139	97	98	218	225	892
1940 to 1959 -----	496	167	449	1 821	399	402	568	465	221	362	300	853
1939 or earlier -----	1 196	678	244	477	1 615	2 605	2 514	2 381	575	475	1 254	13
HEATING EQUIPMENT												
Steam or hot water system -----	260	100	146	199	273	726	587	1 276	113	220	193	—
Central warm-air furnace -----	2 014	738	1 417	2 233	1 654	2 509	2 491	1 353	681	857	1 716	1 840
Electric heat pump -----	—	—	8	—	48	4	9	—	6	—	21	—
Other built-in electric units -----	271	7	12	6	70	35	14	334	96	48	45	—
Other means or none -----	280	85	54	31	302	324	323	335	216	199	115	46
BEDROOMS												
None -----	49	—	—	—	50	82	98	67	—	4	—	—
1 -----	495	71	103	16	319	436	417	656	117	243	181	14
2 -----	1 033	250	605	316	567	1 296	1 170	1 123	327	652	745	303
3 -----	900	403	599	1 449	974	1 373	1 376	1 044	443	327	913	1 302
4 -----	299	146	295	557	370	354	301	329	188	72	232	267
5 or more -----	68	60	35	131	67	96	62	79	37	26	19	—
UNITS IN STRUCTURE												
1, mobile home or trailer, etc -----	1 755	759	1 360	2 451	1 696	2 831	2 867	1 941	948	903	1 797	1 396
2 to 4 -----	351	133	155	6	450	558	306	945	117	243	170	373
5 to 9 -----	203	23	122	—	71	50	41	134	17	40	45	117
10 to 49 -----	485	15	—	6	80	198	139	156	30	107	78	—
50 or more -----	50	—	—	6	50	—	71	122	—	31	—	—
BATHROOMS												
No bathroom or only a half bath -----	59	14	—	—	61	68	150	113	21	16	16	—
1 complete bathroom -----	2 049	659	917	381	1 573	2 559	2 732	2 461	807	1 085	1 526	735
1 complete bathroom plus half bath(s) -----	450	158	457	947	430	588	251	441	157	132	359	1 056
2 or more complete bathrooms -----	286	99	263	1 141	283	422	291	283	127	91	189	95
AIR CONDITIONING												
None -----	1 565	635	1 045	673	1 708	3 089	3 239	3 148	898	713	1 909	1 858
Central system -----	657	59	262	1 098	65	78	22	21	18	222	22	6
1 or more individual room units -----	622	236	330	698	574	470	163	129	196	389	159	22
Occupied housing units	2 664	886	1 583	2 451	2 186	3 371	3 185	2 987	1 064	1 250	1 987	1 867
No telephone -----	88	54	19	5	170	116	156	112	54	62	34	58
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	772	105	367	275	495	629	409	424	212	410	311	968
1975 to 1978 -----	908	236	387	647	567	745	590	832	306	340	442	821
1970 to 1974 -----	296	147	262	315	242	389	366	273	174	191	259	78
1960 to 1969 -----	318	150	255	482	359	482	537	470	137	120	335	—
1959 or earlier -----	370	248	312	732	523	1 126	1 283	988	235	189	640	—
HOUSE HEATING FUEL												
Utility gas -----	2 215	692	1 481	2 168	1 966	2 660	1 645	1 833	908	1 140	1 482	—
Bottled, tank, or LP gas -----	19	8	5	—	27	16	58	46	6	—	—	118
Electricity -----	295	7	27	13	132	98	23	328	93	71	73	9
Fuel oil, kerosene, etc -----	113	175	58	257	49	589	1 372	759	32	34	395	1 740
Coal or coke -----	7	—	—	—	—	—	—	—	—	—	—	—
Wood -----	—	4	12	13	12	—	—	—	—	—	—	—
Other fuel -----	15	—	—	—	—	8	57	—	—	—	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	5	—	—
VEHICLES AVAILABLE												
None -----	224	100	40	31	281	446	616	489	82	85	179	11
1 -----	1 232	365	521	580	917	1 382	1 442	1 157	379	548	877	1 023
2 -----	765	247	687	1 393	769	1 221	877	918	445	458	730	650
3 or more -----	443	174	335	447	219	322	250	423	158	159	201	183
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	636	248	342	630	577	1 224	1 290	866	269	187	543	—
Owner-occupied housing units -----	398	201	334	617	451	1 007	1 035	577	227	161	482	—
Lacking complete plumbing for exclusive use -----	—	—	—	—	—	12	53	22	8	3	8	—
No complete kitchen facilities -----	—	5	—	—	4	7	19	—	—	—	—	—
No vehicle available -----	166	70	32	31	177	339	446	325	67	51	152	—
No telephone -----	8	8	—	5	—	41	29	14	12	—	10	—
Lacking central heating system -----	38	26	6	8	41	107	116	73	36	22	21	—
Lacking air conditioning -----	312	172	213	242	374	1 054	1 228	834	191	106	488	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	1 277	592	933	2 230	1 255	2 179	2 220	1 636	655	561	1 513	13
With a mortgage -----	747	281	583	1 493	628	748	543	753	335	290	602	—
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	—	15	60	8	52	25	18	64	21	36	—	—
\$200 to \$299 -----	61	100	205	59	276	146	281	229	137	82	191	—
\$300 to \$399 -----	299	92	192	190	156	278	183	247	108	113	202	—
\$400 to \$599 -----	306	74	109	658	136	236	70	229	13	52	155	—
\$600 or more -----	81	—	17	578	8	63	—	30	13	22	18	—
Median -----	\$405	\$324	\$311	\$532	\$295	\$367	\$279	\$355	\$279	\$328	\$339	—
Not mortgaged -----	530	311	350	737	627	1 431	1 677	883	320	271	911	13
Median -----	\$167	\$148	\$142	\$260	\$130	\$148	\$139	\$173	\$139	\$156	\$144	\$127
GROSS RENT												
Specified renter-occupied housing units -----	1 082	213	150	79	785	892	712	1 028	276	552	391	1 636
Less than \$80 -----	7	—	—	—	37	51	111	97	—	—	36	—
\$80 to \$99 -----	4	—	—	—	34	19	30	39	—	—	12	—
\$100 to \$149 -----	38	23	16	—	81	112	106	102	28	15	37	18
\$150 to \$199 -----	119	22	16	—	182	152	133	238	95	11	69	139
\$200 to \$299 -----	579	97	80	6	304	329	237	441	120	124	157	367
\$300 to \$399 -----	291	49	22	16	86	138	40	60	17	343	49	38
\$400 or more -----	35	—	8	51	11	14	—	—	—	49	—	13
No cash rent -----	9	22	8	6	50	77	55	51	16	10	31	1 061
Median -----	\$268	\$223	\$243	\$452	\$216	\$223	\$174	\$202	\$219	\$327	\$217	\$216
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$18 389	\$15 602	\$19 909	\$34 919	\$15 130	\$13 572	\$10 085	\$16 484	\$14 219	\$17 955	\$14 544	\$11 348
Owner-occupied housing units -----	\$22 784	\$18 099	\$20 555	\$35 263	\$17 637	\$14 641	\$11 026	\$20 612	\$14 643	\$17 734	\$15 767	\$8 000
Renter-occupied housing units -----	\$14 000	\$8 259	\$13 421	\$25 096	\$10 107	\$10 594	\$7 125	\$8 076	\$13 286	\$18 080	\$9 824	\$11 645

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Lake Fenton (CDP)	Lake Orion village	Lake Orion Heights (CDP)	Lambertville (CDP)	L'Anse village	Lapeer city	Lathrup Village city	Laurium village	Level Park--Oak Park (CDP)	Lowell city	Ludington city	Manistee city
Year-round housing units -----	1 123	1 156	1 361	1 895	967	2 580	1 494	1 144	1 164	1 297	3 806	3 231
Complete kitchen facilities -----	1 117	1 145	1 361	1 872	953	2 580	1 482	1 095	1 147	1 281	3 762	3 203
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	73	13	43	21	17	284	6	4	—	20	29	17
1975 to 1978 -----	73	66	241	92	105	88	17	24	17	119	254	82
1970 to 1974 -----	151	105	329	212	65	433	185	26	60	196	161	154
1960 to 1969 -----	230	60	113	695	74	180	287	83	207	205	267	254
1940 to 1959 -----	377	360	417	664	163	535	809	37	632	222	968	491
1939 or earlier -----	219	552	218	211	543	1 060	190	970	248	535	2 127	2 233
HEATING EQUIPMENT												
Steam or hot water system -----	185	230	122	213	210	339	72	539	94	159	746	630
Central warm-air furnace -----	839	760	1 114	1 531	612	1 918	1 399	481	943	1 046	2 358	2 072
Electric heat pump -----	5	7	—	—	—	8	—	18	—	—	7	48
Other built-in electric units -----	6	25	—	11	18	74	—	16	13	—	112	75
Other means or none -----	88	134	125	140	127	231	15	90	114	88	583	406
BEDROOMS												
None -----	—	20	—	6	24	29	—	40	—	—	21	51
1 -----	36	281	139	44	169	609	—	89	68	103	743	480
2 -----	261	324	410	360	276	842	209	284	386	468	1 158	969
3 -----	538	379	655	1 090	323	789	841	481	604	512	1 279	1 180
4 -----	227	120	120	318	167	239	392	195	101	185	520	414
5 or more -----	61	32	37	77	8	72	52	55	5	29	85	137
UNITS IN STRUCTURE												
1, mobile home or trailer, etc -----	1 045	800	1 056	1 832	764	1 504	1 472	891	1 136	1 074	2 539	2 264
2 to 4 -----	78	189	56	51	96	497	—	142	21	133	726	708
5 to 9 -----	—	35	194	6	37	161	5	27	—	75	234	63
10 to 49 -----	—	132	55	6	62	212	17	84	7	15	152	87
50 or more -----	—	—	—	—	8	206	—	—	—	—	155	109
BATHROOMS												
No bathroom or only a half bath -----	—	26	8	19	27	44	6	38	13	10	106	82
1 complete bathroom -----	343	810	659	914	703	1 858	79	750	846	902	2 826	2 245
1 complete bathroom plus half bath(s) -----	389	125	354	540	162	420	475	270	202	292	484	548
2 or more complete bathrooms -----	391	195	340	422	75	258	934	86	103	93	390	356
AIR CONDITIONING												
None -----	897	803	846	1 151	856	1 877	401	1 110	783	977	3 493	2 996
Central system -----	113	121	349	218	7	351	801	—	125	44	119	18
1 or more individual room units -----	113	232	166	526	104	352	292	34	256	276	194	217
Occupied housing units -----	1 026	1 090	1 297	1 856	881	2 331	1 494	1 004	1 140	1 260	3 576	3 036
No telephone -----	12	52	10	38	62	161	—	29	10	51	214	130
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	212	288	266	232	179	782	143	167	137	233	884	515
1975 to 1978 -----	306	302	508	461	176	335	251	271	271	473	933	624
1970 to 1974 -----	213	169	269	432	142	249	277	176	217	183	418	447
1960 to 1969 -----	194	166	119	458	119	240	449	147	263	157	426	420
1959 or earlier -----	101	165	135	273	265	298	290	263	252	214	915	1 030
HOUSE HEATING FUEL												
Utility gas -----	931	1 012	1 188	1 617	645	2 151	1 210	679	848	1 137	3 216	2 674
Bottled, tank, or LP gas -----	—	9	—	5	53	8	—	—	7	16	35	14
Electricity -----	24	32	45	11	18	134	17	27	13	4	111	130
Fuel oil, kerosene, etc -----	71	37	59	214	126	38	267	282	242	92	188	200
Coal or coke -----	—	—	—	—	—	—	—	—	—	—	4	—
Wood -----	—	—	5	9	39	—	—	16	30	11	22	15
Other fuel -----	—	—	—	—	—	—	—	—	—	—	—	3
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	26	59	33	45	105	246	21	219	41	89	573	541
1 -----	154	444	347	450	332	1 061	305	460	411	435	1 645	1 367
2 -----	477	396	598	932	320	696	764	248	417	513	1 059	883
3 or more -----	369	191	319	429	124	328	404	77	271	223	299	245
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	98	153	130	249	292	478	363	380	267	243	1 143	1 009
Owner-occupied housing units -----	98	122	89	214	175	247	349	293	267	192	805	718
Lacking complete plumbing for exclusive use -----	—	6	—	—	—	3	—	20	8	—	32	25
No complete kitchen facilities -----	—	4	—	8	—	—	—	20	12	5	8	6
No vehicle available -----	26	37	22	30	79	141	21	133	28	56	351	368
No telephone -----	—	6	—	6	19	20	—	10	—	19	42	31
Lacking central heating system -----	—	6	23	10	9	37	10	11	6	5	100	95
Lacking air conditioning -----	89	113	60	180	249	378	130	365	168	163	1 047	954
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	863	593	907	1 574	525	1 001	1 352	637	969	782	2 029	1 809
With a mortgage -----	638	359	718	1 195	237	651	935	202	610	479	856	669
Less than \$100 -----	—	—	—	8	—	4	—	—	—	—	—	—
\$100 to \$199 -----	—	25	—	—	23	24	—	7	78	22	68	37
\$200 to \$299 -----	32	54	83	214	89	182	6	80	231	161	324	302
\$300 to \$399 -----	129	73	240	304	77	254	120	74	196	187	201	199
\$400 to \$599 -----	323	158	263	474	48	174	442	34	94	99	218	88
\$600 or more -----	154	68	107	195	—	13	367	7	11	10	45	43
Median -----	\$483	\$462	\$405	\$420	\$306	\$353	\$554	\$323	\$299	\$332	\$315	\$298
Not mortgaged -----	225	234	189	379	288	350	417	435	359	303	1 173	1 140
Median -----	\$192	\$187	\$183	\$185	\$143	\$152	\$260	\$139	\$138	\$153	\$138	\$139
GROSS RENT												
Specified renter-occupied housing units -----	97	408	327	154	281	1 140	37	266	103	282	1 255	997
Less than \$80 -----	—	6	—	—	25	70	—	59	—	6	95	70
\$80 to \$99 -----	—	—	—	—	40	39	—	10	—	5	69	51
\$100 to \$149 -----	—	—	—	20	31	44	—	28	10	27	145	141
\$150 to \$199 -----	—	37	—	7	63	205	—	42	12	89	400	266
\$200 to \$299 -----	47	198	51	45	87	526	—	113	55	116	426	343
\$300 to \$399 -----	23	126	201	35	—	150	8	5	17	23	37	46
\$400 or more -----	9	35	69	24	7	61	15	5	5	5	40	3
No cash rent -----	18	6	23	—	28	45	—	9	4	11	43	77
Median -----	\$252	\$276	\$356	\$280	\$167	\$232	\$450	\$183	\$253	\$205	\$184	\$189
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$28 185	\$22 097	\$24 593	\$23 456	\$11 003	\$14 750	\$37 137	\$11 115	\$19 800	\$17 917	\$13 051	\$13 384
Owner-occupied housing units -----	\$29 778	\$24 728	\$27 283	\$24 667	\$14 844	\$19 393	\$37 927	\$13 136	\$20 819	\$20 038	\$15 815	\$16 042
Renter-occupied housing units -----	\$22 009	\$17 153	\$18 594	\$13 182	\$7 612	\$10 899	\$19 107	\$6 331	\$14 444	\$12 204	\$8 815	\$8 504

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Manistique city	Marine City city	Marshall city	Marysville city	Mason city	Michigan Center (COP)	Milan city	Milford village	Mount Morris city	Munising city	Negouee city	New Baltimore city
Year-round housing units	1 626	1 667	2 870	2 641	2 153	1 931	1 554	1 778	1 282	1 268	2 138	2 110
Complete kitchen facilities	1 591	1 651	2 824	2 622	2 141	1 903	1 543	1 778	1 277	1 237	2 094	2 095
YEAR STRUCTURE BUILT												
1979 to March 1980	—	17	127	130	73	11	60	5	5	7	15	135
1975 to 1978	54	57	146	486	170	54	33	74	12	27	112	142
1970 to 1974	101	145	199	401	326	153	166	292	102	131	244	461
1960 to 1969	118	132	367	501	359	311	225	285	238	46	94	410
1940 to 1959	280	458	570	776	454	773	481	700	529	235	250	481
1939 or earlier	1 073	858	1 461	347	771	629	589	422	396	822	1 423	481
HEATING EQUIPMENT												
Steam or hot water system	188	572	359	283	294	175	148	296	301	257	826	458
Central warm-air furnace	966	663	2 184	1 903	1 462	1 536	1 251	1 366	797	851	860	1 108
Electric heat pump	60	16	18	54	15	10	23	5	17	5	20	68
Other built-in electric units	92	109	116	243	149	13	30	35	23	36	120	200
Other means or none	320	307	193	158	233	197	102	76	144	119	312	276
BEDROOMS												
None	12	6	53	—	21	21	7	10	6	12	26	18
1	223	153	411	91	313	238	172	247	250	167	311	502
2	407	515	760	885	635	695	509	469	466	415	681	680
3	614	672	1 116	1 343	893	763	652	827	458	460	862	635
4	297	279	422	306	242	202	175	180	92	162	226	211
5 or more	73	42	108	16	49	12	39	45	10	52	32	64
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 286	1 384	2 044	2 301	1 531	1 842	1 094	1 341	945	928	1 370	1 311
2 to 4	220	170	410	90	266	85	244	146	235	200	481	198
5 to 9	69	73	81	57	196	4	58	97	33	49	126	148
10 to 49	51	35	187	179	150	—	158	184	69	91	101	333
50 or more	—	5	148	14	10	—	—	10	—	—	60	120
BATHROOMS												
No bathroom or only a half bath	37	50	54	21	33	44	31	22	21	40	122	22
1 complete bathroom	1 205	1 124	1 753	1 457	1 345	1 468	1 040	987	1 008	792	1 458	1 427
1 complete bathroom plus half bath(s) ..	226	283	685	818	527	277	283	506	197	289	354	482
2 or more complete bathrooms	158	210	378	345	248	142	210	263	56	147	204	179
AIR CONDITIONING												
None	1 608	1 228	1 969	1 768	1 498	1 490	819	1 147	877	1 229	2 078	1 305
Central system	—	105	237	319	166	108	308	217	35	4	5	370
1 or more individual room units	18	334	664	554	489	333	427	414	370	35	55	435
Occupied housing units	1 471	1 575	2 707	2 580	2 073	1 868	1 497	1 712	1 217	1 169	1 966	1 992
No telephone	88	79	128	7	47	31	46	32	44	91	50	79
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	280	254	625	454	574	251	351	250	290	234	356	612
1975 to 1978	377	372	772	826	638	449	434	660	286	334	451	579
1970 to 1974	192	271	321	341	291	265	182	293	209	128	342	333
1960 to 1969	212	237	402	517	310	364	280	251	149	169	271	243
1959 or earlier	410	441	442	442	260	539	250	588	283	304	546	225
HOUSE HEATING FUEL												
Utility gas	844	1 362	2 357	2 190	1 746	1 649	1 338	1 480	1 046	940	1 149	1 609
Bottled, tank, or LP gas	20	—	—	—	5	7	13	11	18	4	89	19
Electricity	143	127	145	291	181	23	60	47	69	51	121	277
Fuel oil, kerosene, etc.	422	71	194	94	121	175	83	168	84	157	567	74
Cool or coke	—	—	—	—	—	—	—	—	—	—	5	—
Wood	42	15	11	5	20	14	3	6	—	17	35	7
Other fuel	—	—	—	—	—	—	—	—	—	—	—	—
No fuel used	—	—	—	—	—	—	—	—	—	—	—	6
VEHICLES AVAILABLE												
None	128	211	281	54	169	78	52	85	99	136	245	131
1	714	652	1 187	888	756	652	579	576	447	575	728	777
2	514	528	961	1 224	872	730	507	706	430	361	792	714
3 or more	115	184	278	414	276	408	359	345	241	97	201	370
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	466	454	714	504	331	380	288	284	177	367	552	403
Owner-occupied housing units	362	389	532	467	211	350	217	170	155	289	389	246
Lacking complete plumbing for exclusive use ..	—	—	14	—	6	11	7	5	—	—	6	—
No complete kitchen facilities	4	—	8	—	7	4	—	—	7	—	8	—
No vehicle available	85	139	170	49	117	52	28	85	42	61	152	74
No telephone	16	11	8	7	4	—	—	—	—	22	13	20
Lacking central heating system	64	69	26	49	10	35	12	14	—	41	101	76
Lacking air conditioning	466	335	486	303	228	302	131	169	128	367	552	247
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units ..	970	1 064	1 656	1 761	1 134	1 486	856	1 085	760	678	1 111	1 073
With a mortgage	399	584	909	1 195	819	753	531	839	475	251	486	752
Less than \$100	—	—	—	—	—	7	—	—	—	—	—	—
\$100 to \$199	40	5	25	21	22	39	16	—	21	—	13	—
\$200 to \$299	150	165	189	313	181	240	132	156	153	78	123	66
\$300 to \$399	91	226	368	332	227	271	116	257	206	92	196	237
\$400 to \$599	111	180	282	474	310	192	220	265	85	63	146	316
\$600 or more	7	8	45	55	79	4	47	61	10	18	8	133
Median	\$325	\$356	\$366	\$378	\$392	\$333	\$401	\$403	\$326	\$348	\$358	\$424
Not mortgaged	571	480	747	566	315	733	325	246	285	427	625	321
Median	\$157	\$165	\$166	\$160	\$175	\$146	\$164	\$206	\$166	\$176	\$164	\$190
GROSS RENT												
Specified renter-occupied housing units ..	382	352	873	253	678	247	498	518	385	373	657	785
Less than \$80	23	—	81	—	11	—	—	33	—	25	52	47
\$80 to \$99	22	—	21	—	15	—	—	7	—	16	26	38
\$100 to \$149	66	18	59	15	52	13	10	35	14	83	66	27
\$150 to \$199	78	63	143	18	97	83	22	35	77	111	148	53
\$200 to \$299	138	169	321	59	339	93	190	199	227	100	300	430
\$300 to \$399	23	91	215	116	115	20	186	152	59	9	54	167
\$400 or more	—	—	6	24	29	13	49	57	8	6	5	15
No cash rent	32	11	27	21	20	25	27	—	—	23	6	8
Median	\$185	\$245	\$242	\$315	\$253	\$210	\$300	\$271	\$235	\$175	\$209	\$255
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$12 431	\$14 836	\$16 274	\$22 597	\$19 176	\$18 407	\$22 063	\$22 580	\$16 762	\$15 735	\$16 947	\$20 511
Owner-occupied housing units	\$14 029	\$16 238	\$20 226	\$23 331	\$21 693	\$20 040	\$24 558	\$26 250	\$21 492	\$18 311	\$19 279	\$26 309
Renter-occupied housing units	\$8 162	\$9 750	\$10 276	\$14 896	\$11 845	\$13 021	\$16 078	\$12 917	\$11 838	\$10 739	\$11 942	\$12 694

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	New Buffalo city	North Muskegon city	Northville city	Norway city	Okemas (CDP)	Otsego city	Oxford village	Patterson Gardens (CDP)	Paw Paw village	Paw Paw Lake (CDP)	Pearl Beach (CDP)	Petoskey city
Year-round housing units -----	1 167	1 558	2 153	1 249	3 394	1 489	1 099	1 160	1 341	1 680	1 370	2 582
Complete kitchen facilities -----	1 151	1 544	2 118	1 237	3 380	1 455	1 083	1 143	1 305	1 658	1 365	2 564
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	7	11	57	18	51	37	33	105	13	14	37	192
1975 to 1978 -----	90	83	158	32	315	54	114	164	125	86	94	161
1970 to 1974 -----	75	56	339	56	661	77	156	394	117	135	191	111
1960 to 1969 -----	247	309	463	68	1 243	57	45	122	177	360	267	192
1940 to 1959 -----	390	704	448	131	1 000	339	136	173	325	577	504	411
1939 or earlier -----	358	395	688	944	124	925	615	202	584	508	277	1 515
HEATING EQUIPMENT												
Steam or hot water system -----	68	215	338	136	539	197	293	12	221	163	318	740
Central warm-air furnace -----	876	1 152	1 664	722	2 568	985	669	1 011	873	876	758	1 632
Electric heat pump -----	5	—	12	—	104	13	5	18	29	12	19	—
Other built-in electric units -----	66	130	64	—	107	24	27	34	57	204	54	56
Other means or none -----	152	61	75	391	76	270	105	85	121	425	221	154
BEDROOMS												
None -----	22	—	41	—	10	14	10	—	26	4	46	73
1 -----	124	125	343	118	438	244	333	80	268	147	91	543
2 -----	419	480	447	332	1 072	450	199	682	404	621	451	613
3 -----	449	635	761	530	1 028	601	362	364	443	675	630	837
4 -----	114	254	517	227	645	148	161	16	150	174	129	431
5 or more -----	39	64	44	42	201	32	34	18	50	59	23	85
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	931	1 344	1 591	1 082	1 990	1 100	636	1 086	894	1 459	1 244	1 679
2 to 4 -----	161	34	196	149	74	243	231	28	203	133	54	419
5 to 9 -----	35	14	121	—	82	51	11	—	94	—	27	135
10 to 49 -----	40	166	107	12	1 172	95	221	46	150	55	45	255
50 or more -----	—	—	138	6	76	—	—	—	—	33	—	94
BATHROOMS												
No bathroom or only a half bath -----	15	13	48	36	17	54	49	9	53	45	16	21
1 complete bathroom -----	837	642	810	875	1 358	1 137	734	881	902	1 075	734	1 721
1 complete bathroom plus half bath(s) -----	172	457	531	221	835	208	183	153	262	234	297	374
2 or more complete bathrooms -----	143	446	764	117	1 184	90	133	117	124	326	323	466
AIR CONDITIONING												
None -----	674	1 167	1 077	1 150	1 052	999	712	503	863	1 144	1 075	2 391
Central system -----	156	99	479	13	1 529	73	94	240	137	191	113	39
1 or more individual room units -----	337	292	597	86	813	417	293	417	341	345	182	152
Occupied housing units -----	1 010	1 517	2 083	1 172	3 263	1 401	1 040	1 130	1 268	1 514	1 240	2 355
No telephone -----	91	8	51	46	38	76	20	60	88	82	53	107
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	253	230	383	117	1 161	398	262	297	268	273	228	749
1975 to 1978 -----	277	398	661	195	996	324	388	384	434	347	397	585
1970 to 1974 -----	159	240	445	171	457	193	108	200	221	242	224	274
1960 to 1969 -----	162	330	357	198	365	169	94	105	170	413	227	376
1959 or earlier -----	159	319	237	491	284	317	188	144	175	239	164	371
HOUSE HEATING FUEL												
Utility gas -----	854	1 343	1 820	776	2 646	1 237	933	1 027	1 092	1 149	1 121	2 036
Bottled, tank, or LP gas -----	10	9	9	35	7	6	6	7	7	27	7	6
Electricity -----	87	135	87	12	325	48	37	56	87	221	72	60
Fuel oil, kerosene, etc. -----	51	18	157	331	266	89	59	47	70	107	41	196
Coal or coke -----	—	—	—	—	—	7	—	—	—	—	—	9
Wood -----	11	11	10	18	10	5	5	—	12	10	6	48
Other fuel -----	—	—	—	—	9	5	—	—	—	—	—	—
No fuel used -----	7	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	117	50	139	186	74	125	84	68	189	127	49	361
1 -----	434	521	633	424	1 027	533	362	559	517	475	401	962
2 -----	310	661	803	435	1 586	500	406	406	436	536	491	775
3 or more -----	149	285	508	127	576	243	188	97	126	376	299	257
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	263	416	504	513	263	243	197	164	363	337	323	530
Owner-occupied housing units -----	217	368	278	474	234	180	105	158	230	287	302	319
Lacking complete plumbing for exclusive use -----	—	—	11	8	—	—	9	—	—	—	—	11
No complete kitchen facilities -----	8	—	7	6	—	—	9	4	7	—	—	5
No vehicle available -----	81	43	106	155	11	70	77	40	102	82	20	216
No telephone -----	27	8	11	22	3	5	—	—	3	6	21	—
Lacking central heating system -----	43	—	26	132	16	27	9	10	30	64	14	5
Lacking air conditioning -----	180	317	267	464	137	145	149	81	200	224	224	451
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	662	1 162	1 312	842	1 618	858	534	397	677	1 002	928	1 177
With a mortgage -----	393	665	971	219	1 221	474	335	221	366	561	517	624
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	11	7	7	25	—	35	—	18	15	43	—	14
\$200 to \$299 -----	124	143	47	78	29	157	31	52	89	191	55	172
\$300 to \$399 -----	144	176	196	68	140	176	84	94	160	138	155	175
\$400 to \$599 -----	95	217	395	48	574	100	141	52	90	154	212	179
\$600 or more -----	19	122	326	—	478	6	79	5	12	35	95	84
Median -----	\$350	\$404	\$516	\$308	\$549	\$317	\$444	\$343	\$338	\$326	\$439	\$372
Not mortgaged -----	269	497	341	623	397	384	199	176	311	441	411	553
Median -----	\$162	\$178	\$207	\$125	\$256	\$136	\$174	\$158	\$153	\$142	\$181	\$148
GROSS RENT												
Specified renter-occupied housing units -----	290	284	613	204	1 470	433	443	112	508	355	190	1 004
Less than \$80 -----	8	—	—	6	—	5	—	—	35	—	—	46
\$80 to \$99 -----	—	—	5	6	7	5	—	—	26	9	—	42
\$100 to \$149 -----	8	—	48	24	10	41	8	—	55	20	10	94
\$150 to \$199 -----	38	40	26	24	57	103	60	15	149	69	27	253
\$200 to \$299 -----	153	186	272	98	619	226	288	57	176	191	73	340
\$300 to \$399 -----	57	39	128	13	558	49	52	40	32	30	41	152
\$400 or more -----	18	6	111	—	208	—	19	—	9	7	27	28
No cash rent -----	8	13	23	33	11	4	16	—	26	29	12	49
Median -----	\$259	\$251	\$285	\$212	\$306	\$221	\$247	\$259	\$190	\$219	\$235	\$215
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$17 042	\$23 177	\$27 406	\$11 726	\$23 432	\$16 962	\$19 950	\$16 615	\$14 590	\$16 814	\$21 117	\$14 829
Owner-occupied housing units -----	\$19 545	\$25 330	\$32 301	\$12 450	\$36 672	\$20 687	\$26 914	\$17 554	\$17 344	\$19 452	\$22 602	\$20 929
Renter-occupied housing units -----	\$10 370	\$11 806	\$12 064	\$10 662	\$13 792	\$10 444	\$14 841	\$11 481	\$9 067	\$9 310	\$13 026	\$9 087

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Plainwell city	Pleasant Ridge city	Plymouth city	Portland city	Richmond city	Rochester city	Rockford city	Rockwood city	Rogers City city	Romeo village	Roosevelt Park city	St. Clair city
Year-round housing units -----	1 411	1 191	4 099	1 402	1 279	3 436	1 219	1 076	1 518	1 377	1 695	1 826
Complete kitchen facilities -----	1 392	1 171	4 054	1 378	1 259	3 391	1 207	1 069	1 518	1 377	1 688	1 826
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	25	—	68	9	63	13	30	7	27	141	18	6
1975 to 1978 -----	163	6	11	158	30	212	102	127	44	37	230	49
1970 to 1974 -----	166	—	304	115	70	563	293	224	166	70	197	197
1960 to 1969 -----	132	13	1 099	168	167	1 007	140	374	141	132	599	306
1940 to 1959 -----	273	410	1 356	319	294	851	180	228	398	314	595	396
1939 or earlier -----	652	762	1 261	633	494	790	474	116	742	683	56	872
HEATING EQUIPMENT												
Steam or hot water system -----	158	337	577	96	380	1 174	80	104	292	156	165	556
Central warm-air furnace -----	1 058	819	3 208	1 079	640	2 011	946	891	1 103	1 037	1 426	965
Electric heat pump -----	13	6	37	6	23	42	35	17	—	—	12	20
Other built-in electric units -----	63	6	135	38	88	102	28	—	20	88	24	100
Other means or none -----	119	23	142	183	148	107	130	43	123	164	68	185
BEDROOMS												
None -----	—	20	90	8	24	48	—	—	—	—	35	—
1 -----	200	17	803	145	151	836	196	100	128	223	210	220
2 -----	483	255	1 075	453	440	1 371	297	287	420	395	543	509
3 -----	501	532	1 463	527	426	813	464	538	715	465	809	714
4 -----	194	283	596	204	198	341	231	129	201	200	98	345
5 or more -----	33	84	72	65	40	27	31	22	54	94	—	38
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 060	1 115	2 589	1 137	958	1 664	831	806	1 326	1 186	1 104	1 454
2 to 4 -----	190	38	656	131	108	461	151	46	131	124	5	129
5 to 9 -----	41	4	259	21	45	376	52	50	23	27	58	116
10 to 49 -----	97	34	391	70	162	926	123	142	38	36	370	48
50 or more -----	23	—	204	43	6	49	62	32	—	4	158	79
BATHROOMS												
No bathroom or only a half bath -----	6	25	72	28	43	45	13	18	12	2	7	15
1 complete bathroom -----	931	390	2 375	975	836	2 270	666	562	914	866	1 104	1 047
1 complete bathroom plus half bath(s) -----	238	425	955	231	258	679	372	367	329	370	478	423
2 or more complete bathrooms -----	236	351	697	168	142	422	168	129	263	139	106	341
AIR CONDITIONING												
None -----	859	561	2 117	1 045	868	1 239	824	536	1 412	985	964	1 343
Central system -----	135	83	643	138	45	686	69	185	29	89	367	70
1 or more individual room units -----	417	547	1 339	219	366	1 511	326	355	77	303	364	413
Occupied housing units -----	1 347	1 164	3 912	1 358	1 225	3 226	1 188	1 060	1 464	1 206	1 597	1 764
No telephone -----	92	25	93	50	63	50	24	12	42	41	20	18
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	384	188	837	331	217	1 003	288	156	166	170	336	234
1975 to 1978 -----	380	326	1 094	410	394	1 101	342	321	308	347	397	424
1970 to 1974 -----	179	191	680	178	187	421	242	231	251	147	251	321
1960 to 1969 -----	160	189	757	206	186	333	150	221	251	279	365	350
1959 or earlier -----	244	270	544	233	241	368	166	131	488	263	248	435
HOUSE HEATING FUEL												
Utility gas -----	1 152	999	3 453	1 202	1 065	2 793	1 085	989	1 185	1 134	1 533	1 523
Bottled, tank, or LP gas -----	—	5	5	—	—	24	—	—	8	9	—	—
Electricity -----	76	12	216	44	111	207	63	52	—	20	36	121
Fuel oil, kerosene, etc. -----	99	148	220	98	44	172	20	19	212	43	28	101
Coal or coke -----	—	—	—	—	—	—	—	—	8	—	—	—
Wood -----	20	—	—	14	—	—	—	—	51	—	—	19
Other fuel -----	—	—	18	—	—	—	30	—	—	—	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	65	89	368	106	131	180	100	65	138	80	76	163
1 -----	509	258	1 496	520	481	1 521	461	343	663	447	736	708
2 -----	547	625	1 408	538	416	1 136	438	414	550	528	556	578
3 or more -----	226	192	640	194	197	389	189	238	113	151	229	315
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	265	301	974	303	283	664	267	162	418	303	490	525
Owner-occupied housing units -----	214	285	655	215	210	372	133	76	345	245	279	357
Lacking complete plumbing for exclusive use -----	—	—	6	—	6	7	—	—	—	—	—	—
No complete kitchen facilities -----	—	—	—	—	—	10	—	7	—	—	7	—
No vehicle available -----	58	82	260	68	102	110	79	50	95	59	70	129
No telephone -----	7	9	18	5	19	—	—	—	9	19	—	5
Lacking central heating system -----	7	—	18	26	22	10	21	5	31	58	27	12
Lacking air conditioning -----	136	130	463	215	194	237	183	70	391	200	248	372
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	746	979	2 157	865	700	1 295	710	711	1 068	738	966	1 188
With a mortgage -----	419	670	1 497	481	361	851	526	571	384	406	506	622
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	11	—	18	21	8	—	14	9	33	—	7	13
\$200 to \$299 -----	106	33	150	130	29	90	180	118	194	66	175	166
\$300 to \$399 -----	163	192	444	196	126	238	195	196	76	136	191	181
\$400 to \$599 -----	86	279	623	127	138	381	113	224	70	138	105	153
\$600 or more -----	53	166	262	7	60	142	24	24	11	66	28	109
Median -----	\$347	\$444	\$430	\$335	\$413	\$436	\$329	\$381	\$285	\$401	\$331	\$364
Not mortgaged -----	327	309	660	384	339	444	184	140	684	332	460	566
Median -----	\$150	\$237	\$188	\$142	\$182	\$183	\$147	\$186	\$149	\$185	\$161	\$165
GROSS RENT												
Specified renter-occupied housing units -----	440	107	1 326	352	359	1 807	399	290	275	284	576	427
Less than \$80 -----	7	—	47	11	—	—	40	25	36	—	—	56
\$80 to \$99 -----	—	6	9	6	—	—	29	6	—	—	—	—
\$100 to \$149 -----	—	—	52	48	11	27	80	19	47	8	—	42
\$150 to \$199 -----	103	16	79	65	41	44	90	11	79	46	26	5
\$200 to \$299 -----	234	42	612	146	240	797	120	84	72	108	261	224
\$300 to \$399 -----	67	32	346	40	32	684	24	137	12	62	224	77
\$400 or more -----	—	11	152	31	14	202	—	—	11	32	59	11
No cash rent -----	29	—	29	5	21	53	16	8	18	28	6	12
Median -----	\$240	\$261	\$275	\$229	\$246	\$301	\$168	\$296	\$186	\$269	\$299	\$239
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$17 379	\$27 399	\$21 279	\$18 414	\$19 395	\$19 436	\$18 372	\$24 816	\$15 940	\$18 026	\$19 586	\$18 692
Owner-occupied housing units -----	\$20 518	\$28 750	\$25 591	\$20 926	\$21 059	\$24 368	\$23 056	\$28 850	\$17 387	\$20 978	\$22 268	\$21 759
Renter-occupied housing units -----	\$11 493	\$14 265	\$13 352	\$10 849	\$14 598	\$16 604	\$7 653	\$16 838	\$7 540	\$12 339	\$13 085	\$11 014

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	St. Ignace city	St. Johns city	St. Joseph city	St. Louis city	Saline city	South Haven city	South Lyon city	South Maroon (CDP)	Sparta village	Springfield city	Springfield Place (CDP)
Year-round housing units -----	1 104	2 637	4 558	1 515	2 314	2 495	2 123	1 607	1 252	2 410	1 725
Complete kitchen facilities -----	1 065	2 618	4 504	1 492	2 314	2 439	2 092	1 583	1 244	2 389	1 713
YEAR STRUCTURE BUILT											
1979 to March 1980 -----	15	60	22	14	58	28	80	33	11	29	8
1975 to 1978 -----	43	174	248	92	155	103	549	381	14	219	4
1970 to 1974 -----	112	269	136	141	415	178	647	193	149	560	18
1960 to 1969 -----	71	349	639	217	954	244	354	89	205	369	179
1940 to 1959 -----	310	509	1 390	335	342	550	181	567	357	781	1 103
1939 or earlier -----	553	1 276	2 123	716	390	1 392	312	344	516	452	413
HEATING EQUIPMENT											
Steam or hot water system -----	256	390	1 073	226	210	584	429	126	102	558	93
Central warm-air furnace -----	447	1 978	2 941	996	2 031	1 539	1 544	1 266	1 015	1 500	1 530
Electric heat pump -----	11	31	134	5	—	39	—	6	—	8	—
Other built-in electric units -----	74	28	271	23	11	61	40	35	19	42	—
Other means or none -----	316	210	139	265	62	272	110	174	116	302	102
BEDROOMS											
None -----	15	8	122	—	—	60	26	6	—	44	9
1 -----	146	253	1 028	188	279	489	378	344	164	565	103
2 -----	337	657	1 516	551	715	708	866	524	406	982	751
3 -----	446	1 241	1 359	522	1 049	791	688	599	509	693	669
4 -----	132	387	391	210	253	352	104	134	150	102	175
5 or more -----	28	91	142	44	18	95	61	—	23	24	18
UNITS IN STRUCTURE											
1, mobile home or trailer, etc. -----	882	2 046	2 701	1 230	1 583	1 659	1 170	1 066	996	1 538	1 619
2 to 4 -----	148	369	915	173	258	445	190	148	193	110	93
5 to 9 -----	36	92	175	45	348	180	240	187	29	94	—
10 to 49 -----	38	113	490	67	118	169	437	27	34	597	13
50 or more -----	—	17	277	—	7	42	86	179	—	71	—
BATHROOMS											
No bathroom or only a half bath -----	53	56	96	24	31	95	33	15	15	52	17
1 complete bathroom -----	822	1 682	3 044	1 090	1 254	1 515	1 409	1 143	827	2 102	1 404
1 complete bathroom plus half bath(s) -----	110	602	697	214	774	537	522	325	289	136	238
2 or more complete bathrooms -----	119	297	721	187	255	348	159	124	121	120	66
AIR CONDITIONING											
None -----	1 098	1 765	2 211	1 218	1 101	1 850	946	881	949	1 256	1 019
Central system -----	—	245	849	97	770	140	559	345	47	287	148
1 or more individual room units -----	6	627	1 498	200	443	505	618	381	256	867	558
Occupied housing units -----	958	2 558	4 296	1 465	2 189	2 272	1 999	1 569	1 226	2 317	1 684
No telephone -----	105	75	116	103	26	122	66	91	43	64	12
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	205	512	1 062	303	607	466	569	297	234	802	175
1975 to 1978 -----	200	711	1 003	388	729	689	832	600	258	688	436
1970 to 1974 -----	148	406	616	306	330	337	328	151	205	264	203
1960 to 1969 -----	169	463	626	183	370	344	137	209	288	215	388
1959 or earlier -----	236	466	989	285	153	436	133	312	241	348	482
HOUSE HEATING FUEL											
Utility gas -----	612	2 240	3 377	1 373	2 075	2 021	1 838	1 340	1 196	1 945	1 492
Battled, tank, or LP gas -----	4	26	39	—	—	17	10	14	—	39	—
Electricity -----	81	105	448	37	11	117	40	89	24	78	—
Fuel oil, kerosene, etc. -----	220	164	432	42	95	117	104	126	6	235	192
Coal or coke -----	—	—	—	—	—	—	—	—	—	—	—
Wood -----	41	23	—	13	8	—	—	—	—	5	—
Other fuel -----	—	—	—	—	—	—	7	—	—	15	—
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE											
None -----	153	157	462	99	66	374	70	197	125	132	88
1 -----	393	958	2 213	717	687	964	862	715	478	1 247	803
2 -----	322	990	1 239	439	1 003	725	807	472	403	654	589
3 or more -----	90	453	382	210	433	209	260	185	220	284	204
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	240	491	1 405	366	260	559	352	440	342	295	457
Owner-occupied housing units -----	190	393	890	285	174	380	314	233	277	255	409
Lacking complete plumbing for exclusive use -----	18	17	16	5	—	5	—	7	—	—	—
No complete kitchen facilities -----	—	6	14	—	—	15	—	7	—	—	—
No vehicle available -----	74	118	317	59	29	188	50	120	103	82	74
No telephone -----	12	4	30	13	—	22	—	21	2	8	—
Lacking central heating system -----	51	15	31	25	4	19	5	6	22	19	17
Lacking air conditioning -----	240	332	749	262	144	366	130	311	268	201	270
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units -----	575	1 654	2 088	864	1 148	1 246	803	778	794	1 054	1 407
With a mortgage -----	234	950	994	445	930	610	621	387	430	655	771
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	47	20	61	25	—	44	—	21	—	54	64
\$200 to \$299 -----	88	154	255	225	132	181	38	89	21	330	399
\$300 to \$399 -----	54	390	298	118	231	246	206	125	179	174	205
\$400 to \$599 -----	41	289	308	65	417	134	309	121	39	73	97
\$600 or more -----	4	97	72	12	150	5	68	31	—	24	6
Median -----	\$282	\$377	\$364	\$291	\$447	\$328	\$435	\$372	\$301	\$285	\$283
Not mortgaged -----	341	704	1 094	419	218	636	182	391	364	399	636
Median -----	\$135	\$170	\$157	\$123	\$187	\$138	\$173	\$168	\$143	\$132	\$123
GROSS RENT											
Specified renter-occupied housing units -----	254	622	1 868	392	795	832	682	718	328	950	203
Less than \$80 -----	4	8	120	45	—	34	9	108	15	—	—
\$80 to \$99 -----	13	—	5	7	—	23	—	24	8	—	—
\$100 to \$149 -----	51	35	122	49	26	134	36	68	39	16	9
\$150 to \$199 -----	53	151	349	47	27	225	33	55	93	222	22
\$200 to \$299 -----	103	253	856	211	383	290	305	349	125	643	92
\$300 to \$399 -----	14	118	305	8	238	48	269	69	13	36	51
\$400 or more -----	—	24	63	—	112	24	30	28	10	6	15
No cash rent -----	16	33	48	25	9	54	—	17	25	27	14
Median -----	\$189	\$235	\$232	\$221	\$291	\$191	\$292	\$229	\$197	\$217	\$258
MEDIAN HOUSEHOLD INCOME IN 1979											
Occupied housing units -----	\$13 971	\$20 415	\$14 859	\$13 976	\$25 066	\$14 327	\$21 323	\$14 922	\$18 342	\$16 138	\$19 227
Owner-occupied housing units -----	\$15 211	\$22 448	\$19 378	\$16 579	\$28 552	\$19 179	\$23 098	\$21 250	\$20 825	\$18 455	\$20 111
Renter-occupied housing units -----	\$12 690	\$12 500	\$11 905	\$8 284	\$17 094	\$7 568	\$17 384	\$7 974	\$12 321	\$13 600	\$9 528

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Spring Lake village	Sturgis city	Swartz Creek city	Tecumseh city	Three Rivers city	Utica city	Vandercook Lake (COP)	Vassar city	Wakefield city	Walled Lake city
Year-round housing units -----	1 075	3 934	1 747	2 723	2 868	1 952	1 762	1 039	1 024	1 906
Complete kitchen facilities -----	1 071	3 870	1 735	2 690	2 838	1 940	1 744	1 033	990	1 888
YEAR STRUCTURE BUILT										
1979 to March 1980 -----	5	142	28	69	8	8	14	23	29	173
1975 to 1978 -----	27	149	89	135	59	85	27	93	18	252
1970 to 1974 -----	44	281	308	274	250	612	55	69	68	309
1960 to 1969 -----	160	320	610	352	327	583	315	100	52	266
1940 to 1959 -----	473	1 335	480	1 031	586	437	748	241	166	646
1939 or earlier -----	366	1 707	232	862	1 638	227	603	513	691	260
HEATING EQUIPMENT										
Steam or hot water system -----	106	535	98	205	346	482	80	135	170	225
Central warm-air furnace -----	928	2 883	1 500	2 168	2 066	1 325	1 419	597	669	1 527
Electric heat pump -----	—	20	4	39	21	6	—	14	—	5
Other built-in electric units -----	—	188	21	88	134	53	21	31	—	38
Other means or none -----	41	308	124	223	301	86	242	262	185	111
BEDROOMS										
None -----	12	56	—	22	15	11	7	5	7	26
1 -----	86	647	120	243	386	332	125	91	123	369
2 -----	352	1 291	515	802	958	745	640	314	382	732
3 -----	438	1 451	890	1 194	1 019	668	800	451	387	613
4 -----	139	396	201	396	384	156	148	160	97	159
5 or more -----	48	93	21	66	106	40	42	18	28	7
UNITS IN STRUCTURE										
1, mobile home or trailer, etc. -----	942	2 837	1 351	2 087	2 242	1 208	1 701	847	917	1 172
2 to 4 -----	101	496	80	363	356	171	61	139	62	280
5 to 9 -----	—	336	103	135	161	206	—	29	7	123
10 to 49 -----	32	175	185	138	91	340	—	24	38	159
50 or more -----	—	90	28	—	18	27	—	—	—	172
BATHROOMS										
No bathroom or only a half bath -----	17	121	5	38	81	—	33	21	70	12
1 complete bathroom -----	683	2 585	1 006	1 824	2 130	828	1 366	814	771	1 214
1 complete bathroom plus half bath(s) -----	226	764	522	485	442	880	189	110	158	437
2 or more complete bathrooms -----	149	464	214	376	215	244	174	94	25	243
AIR CONDITIONING										
None -----	875	2 303	1 022	1 546	1 889	1 107	1 303	846	978	1 125
Central system -----	53	534	452	494	272	270	95	34	4	335
1 or more individual room units -----	147	1 097	273	683	707	575	364	159	42	446
Occupied housing units -----	1 023	3 668	1 671	2 650	2 659	1 897	1 698	1 003	924	1 806
No telephone -----	21	203	14	54	200	40	22	40	59	93
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	167	904	278	564	584	468	220	251	113	682
1975 to 1978 -----	202	978	507	691	622	710	476	204	175	489
1970 to 1974 -----	143	462	288	450	543	346	220	178	143	239
1960 to 1969 -----	239	686	320	451	394	233	324	192	123	174
1959 or earlier -----	272	638	278	494	516	140	458	178	370	222
HOUSE HEATING FUEL										
Utility gas -----	979	2 956	1 461	1 943	2 299	1 713	1 493	925	358	1 569
Bottled, tank, or LP gas -----	10	84	—	12	6	13	6	32	12	12
Electricity -----	7	248	47	165	157	75	21	45	—	85
Fuel oil, kerosene, etc. -----	24	342	147	524	179	96	158	16	493	140
Coal or coke -----	—	—	—	—	—	—	—	—	—	—
Wood -----	3	20	16	—	—	13	—	13	11	41
Other fuel -----	—	8	—	6	—	—	—	—	—	—
No fuel used -----	—	10	—	—	5	—	—	—	—	—
VEHICLES AVAILABLE										
None -----	37	391	25	136	284	120	78	113	99	174
1 -----	422	1 762	551	1 044	1 323	781	630	365	407	734
2 -----	387	1 076	752	1 058	779	738	673	369	324	584
3 or more -----	177	439	343	412	273	258	317	156	94	314
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units -----	260	1 009	119	448	833	269	281	229	315	360
Owner-occupied housing units -----	203	686	94	364	626	135	273	165	283	143
Lacking complete plumbing for exclusive use -----	6	27	5	12	6	—	—	7	12	—
No complete kitchen facilities -----	—	6	—	4	—	—	—	6	12	—
No vehicle available -----	22	240	25	93	209	78	52	80	80	116
No telephone -----	—	20	—	—	16	—	5	8	18	11
Lacking central heating system -----	—	68	14	39	88	11	24	39	37	16
Lacking air conditioning -----	213	514	89	256	520	134	200	194	309	205
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	712	2 198	1 179	1 739	1 632	806	1 342	669	648	818
With a mortgage -----	327	1 310	881	1 066	856	530	778	426	178	611
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	—	80	12	7	63	—	107	5	23	18
\$200 to \$299 -----	118	480	240	267	359	29	377	177	97	100
\$300 to \$399 -----	124	420	324	407	270	123	189	117	39	278
\$400 to \$599 -----	61	258	244	316	145	268	68	101	19	172
\$600 or more -----	24	72	61	69	19	110	37	26	—	43
Median -----	\$341	\$317	\$345	\$368	\$302	\$469	\$276	\$334	\$246	\$368
Not mortgaged -----	385	888	298	673	776	276	564	243	470	207
Median -----	\$133	\$137	\$178	\$166	\$140	\$199	\$126	\$131	\$129	\$222
GROSS RENT										
Specified renter-occupied housing units -----	231	1 233	405	674	773	914	186	264	163	751
Less than \$80 -----	—	93	6	—	45	—	—	14	15	31
\$80 to \$99 -----	—	20	8	—	18	—	—	7	15	39
\$100 to \$149 -----	16	137	8	29	95	22	—	23	54	68
\$150 to \$199 -----	49	281	11	91	203	34	48	78	29	68
\$200 to \$299 -----	91	504	208	309	308	637	95	113	40	236
\$300 to \$399 -----	60	116	141	135	63	176	27	22	—	204
\$400 or more -----	4	25	8	31	60	13	29	—	—	90
No cash rent -----	11	57	8	31	28	16	7	—	10	15
Median -----	\$253	\$207	\$293	\$250	\$205	\$260	\$222	\$206	\$147	\$274
MEDIAN HOUSEHOLD INCOME IN 1979										
Occupied housing units -----	\$18 574	\$15 153	\$26 278	\$18 607	\$12 682	\$19 899	\$18 004	\$16 250	\$10 962	\$20 179
Owner-occupied housing units -----	\$20 673	\$18 280	\$29 437	\$21 455	\$14 586	\$27 907	\$19 046	\$20 737	\$11 451	\$24 898
Renter-occupied housing units -----	\$14 141	\$10 450	\$16 170	\$12 403	\$10 011	\$13 923	\$13 352	\$10 655	\$10 179	\$11 038

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

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

Places	Westwood (CDP)	Whitehall city	White Lake— Seven Harbors (CDP)	Whitmore Lake (CDP)	Williamston city	Wixom city	Wolf Lake (CDP)	Wolverine Lake village	Wurtsmith AF8 (CDP)	Zeeland city
Year-round housing units	3 736	1 139	2 348	1 108	1 207	3 488	1 379	1 598	1 301	1 805
Complete kitchen facilities	3 723	1 127	2 332	1 082	1 194	3 426	1 362	1 579	1 301	1 786
YEAR STRUCTURE BUILT										
1979 to March 1980	230	11	87	17	24	352	49	10	—	54
1975 to 1978	59	79	352	44	136	1 096	150	121	5	78
1970 to 1974	336	97	534	136	142	1 285	243	326	29	130
1960 to 1969	1 032	127	233	184	241	312	202	504	644	131
1940 to 1959	1 588	375	772	388	246	253	488	554	595	492
1939 or earlier	491	450	370	339	418	190	247	83	28	920
HEATING EQUIPMENT										
Steam or hot water system	485	203	369	121	134	164	30	210	10	129
Central warm-air furnace	3 071	702	1 703	740	770	3 022	1 061	1 232	1 219	1 534
Electric heat pump	21	—	14	19	17	47	—	—	—	—
Other built-in electric units	45	33	29	54	147	64	13	51	9	6
Other means or none	114	201	233	174	139	191	275	105	63	136
BEDROOMS										
None	—	26	11	7	63	49	—	—	—	—
1	469	110	101	144	200	1 496	80	143	25	94
2	1 512	331	582	487	390	1 022	675	315	51	574
3	1 355	498	1 307	358	403	686	541	851	1 057	726
4	361	150	303	92	138	209	64	250	168	398
5 or more	39	24	44	20	13	26	19	39	—	13
UNITS IN STRUCTURE										
1, mobile home or trailer, etc.	2 514	920	2 238	874	839	1 319	1 324	1 444	481	1 361
2 to 4	179	164	63	166	89	46	45	36	510	262
5 to 9	100	23	22	31	62	134	10	15	310	87
10 to 49	862	32	25	37	211	1 892	—	103	—	95
50 or more	81	—	—	—	6	97	—	—	—	—
BATHROOMS										
No bathroom or only a half bath	16	13	25	31	43	99	36	—	—	15
1 complete bathroom	2 263	694	1 343	824	774	2 559	1 063	876	423	1 243
1 complete bathroom plus half bath(s) ..	895	253	526	146	217	484	152	518	712	376
2 or more complete bathrooms	562	179	454	107	173	346	128	204	166	171
AIR CONDITIONING										
None	1 770	1 002	1 954	832	812	1 138	1 188	1 026	1 280	1 241
Central system	886	29	100	114	55	917	28	125	21	203
1 or more individual room units	1 080	108	294	162	340	1 433	163	447	—	361
Occupied housing units	3 524	1 063	2 263	1 069	1 148	3 052	1 315	1 576	1 265	1 730
No telephone	27	27	75	60	31	67	48	12	33	36
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	974	235	404	345	305	1 413	231	250	697	319
1975 to 1978	941	272	798	296	414	1 025	377	545	547	355
1970 to 1974	471	171	519	142	88	350	236	362	21	279
1960 to 1969	542	166	349	140	186	146	243	289	—	259
1959 or earlier	596	219	193	146	155	118	228	130	—	518
HOUSE HEATING FUEL										
Utility gas	2 688	991	2 002	781	911	2 665	1 224	1 409	42	1 677
Bottled, tank, or LP gas	—	—	37	39	8	12	15	—	—	8
Electricity	232	38	56	78	141	188	13	51	16	16
Fuel oil, kerosene, etc.	568	27	162	153	78	179	57	116	1 184	24
Coal or coke	—	—	—	—	—	—	—	—	—	—
Wood	24	—	6	18	5	—	6	—	—	5
Other fuel	12	7	—	—	5	8	—	—	9	—
No fuel used	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE										
None	202	78	24	34	77	48	37	30	18	78
1	1 392	420	552	351	543	1 366	466	378	751	738
2	1 439	337	1 014	481	374	1 263	517	738	388	672
3 or more	491	228	673	203	154	375	295	430	108	242
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	715	226	249	141	256	271	211	80	—	520
Owner-occupied housing units	462	172	229	113	196	224	198	61	—	453
Lacking complete plumbing for exclusive use ..	—	—	—	13	7	6	—	—	—	11
No complete kitchen facilities	—	—	—	—	7	4	—	—	—	11
No vehicle available	151	65	13	18	52	27	32	21	—	49
No telephone	5	—	10	5	6	4	9	—	—	11
Lacking central heating system	30	29	21	—	—	6	19	27	—	29
Lacking air conditioning	340	207	191	127	167	152	192	61	—	385
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units ..	2 082	726	1 907	569	590	895	812	1 310	—	1 108
With a mortgage	1 286	403	1 541	431	354	691	497	1 120	—	461
Less than \$100	—	—	—	—	—	—	15	—	—	—
\$100 to \$199	36	16	27	13	—	—	99	6	—	20
\$200 to \$299	297	108	230	102	39	32	199	177	—	202
\$300 to \$399	488	206	418	106	142	95	133	368	—	181
\$400 to \$599	399	64	591	172	150	353	51	438	—	53
\$600 or more	66	9	275	38	23	211	—	131	—	5
Median	\$358	\$335	\$424	\$393	\$397	\$513	\$255	\$403	—	\$305
Not mortgaged	796	323	366	138	236	204	315	190	—	647
Median	\$177	\$140	\$161	\$156	\$168	\$162	\$114	\$182	—	\$145
GROSS RENT										
Specified renter-occupied housing units ..	1 201	292	245	366	425	1 821	157	206	1 196	389
Less than \$80	22	7	—	—	8	12	—	—	—	—
\$80 to \$99	5	—	—	—	—	—	—	—	—	—
\$100 to \$149	53	24	—	—	8	10	10	—	—	29
\$150 to \$199	34	85	9	48	132	14	19	21	198	59
\$200 to \$299	635	86	90	74	191	1 220	103	102	389	196
\$300 to \$399	377	53	71	165	51	521	9	33	45	61
\$400 or more	39	—	55	—	12	9	—	41	11	13
No cash rent	36	37	20	22	23	35	16	9	553	31
Median	\$282	\$221	\$328	\$324	\$219	\$277	\$235	\$262	\$215	\$245
MEDIAN HOUSEHOLD INCOME IN 1979										
Occupied housing units	\$19 536	\$16 699	\$25 919	\$21 135	\$15 417	\$19 949	\$16 432	\$30 154	\$9 691	\$17 270
Owner-occupied housing units	\$24 514	\$19 114	\$27 276	\$22 783	\$18 633	\$28 234	\$17 264	\$31 194	—	\$19 574
Renter-occupied housing units	\$11 854	\$10 875	\$14 730	\$17 891	\$11 767	\$17 304	\$10 742	\$17 031	\$9 691	\$15 498

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 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]

Towns/Townships	Acme township	Ada township	Addison township	Adrian township	Aloisdon township	Alamo township	Albee township	Algoma township	Allegon township	Allendale township	Almena township	Almer township
Year-round housing units -----	1 242	2 033	1 500	1 474	935	956	789	1 409	1 254	1 720	1 015	935
Complete kitchen facilities -----	1 236	2 026	1 462	1 465	935	956	761	1 395	1 248	1 695	999	920
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	158	108	126	21	44	8	12	66	40	156	58	19
1975 to 1978 -----	328	373	215	158	99	172	42	236	177	368	185	127
1970 to 1974 -----	201	429	371	222	113	143	134	222	183	443	219	126
1960 to 1969 -----	182	428	189	353	181	240	194	250	283	208	195	191
1940 to 1959 -----	202	305	268	375	239	156	218	336	310	249	174	250
1939 or earlier -----	171	390	331	345	259	237	189	299	261	296	184	222
HEATING EQUIPMENT												
Steam or hot water system -----	203	253	259	110	72	94	62	131	68	154	64	98
Central warm-air furnace -----	863	1 674	972	1 237	716	632	482	932	914	1 327	721	653
Electric heat pump -----	16	—	15	5	25	19	7	18	6	22	4	35
Other built-in electric units -----	32	17	77	12	73	48	10	42	52	44	52	49
Other means or none -----	128	89	177	110	49	163	228	286	214	173	174	100
BEDROOMS												
None -----	—	—	22	16	5	—	—	—	—	7	4	—
1 -----	126	68	84	75	4	80	40	66	86	143	45	52
2 -----	378	247	480	315	215	201	273	409	464	630	314	279
3 -----	512	975	602	743	435	475	365	740	544	618	506	424
4 -----	197	596	234	255	210	190	88	175	140	255	120	128
5 or more -----	29	147	78	70	66	10	23	19	20	67	26	52
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 034	1 916	1 392	1 357	885	888	753	1 347	1 240	1 354	990	829
2 to 4 -----	96	59	74	103	50	63	31	30	7	203	21	32
5 to 9 -----	112	—	6	—	—	—	—	13	—	55	—	30
10 to 49 -----	—	58	28	14	—	5	5	19	7	101	4	37
50 or more -----	—	—	—	—	—	—	—	—	—	7	—	7
BATHROOMS												
No bathroom or only a half bath -----	14	13	13	21	7	23	48	41	57	25	20	—
1 complete bathroom -----	570	633	750	813	373	530	544	804	808	1 124	548	570
1 complete bathroom plus half bath(s) -----	233	425	267	270	230	192	122	284	169	299	231	205
2 or more complete bathrooms -----	425	962	470	370	325	211	75	280	220	272	216	160
AIR CONDITIONING												
None -----	1 121	1 422	1 236	1 061	714	736	617	1 244	974	1 455	769	642
Central system -----	77	225	123	239	117	72	36	31	100	90	75	42
1 or more individual room units -----	44	386	141	174	104	148	136	134	180	175	171	251
Occupied housing units -----	966	1 950	1 420	1 435	908	915	752	1 353	1 195	1 661	975	887
No telephone -----	41	—	86	24	5	15	55	23	59	25	27	20
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	281	323	326	251	191	49	113	161	220	611	178	132
1975 to 1978 -----	373	706	470	474	170	289	175	497	395	476	346	261
1970 to 1974 -----	133	355	275	192	165	203	140	240	207	258	172	153
1960 to 1969 -----	87	324	225	262	170	194	168	275	207	117	168	147
1959 or earlier -----	92	242	124	256	212	180	156	180	166	199	111	194
HOUSE HEATING FUEL												
Utility gas -----	671	1 050	710	800	155	6	270	395	592	847	90	461
Bottled, tank, or LP gas -----	16	88	102	135	30	105	65	108	63	46	192	75
Electricity -----	32	22	97	24	89	74	23	60	58	165	65	91
Fuel oil, kerosene, etc. -----	184	729	456	454	598	629	333	693	426	449	566	237
Coal or coke -----	—	—	11	6	—	—	7	—	—	22	—	—
Wood -----	55	61	38	16	36	101	54	97	50	92	60	19
Other fuel -----	—	—	—	—	—	—	—	—	6	40	2	—
No fuel used -----	8	—	6	—	—	—	—	—	—	—	—	4
VEHICLES AVAILABLE												
None -----	15	8	25	26	—	25	6	36	46	58	19	29
1 -----	213	348	399	166	166	220	249	303	360	510	217	300
2 -----	518	1 008	595	618	427	322	246	565	524	605	443	366
3 or more -----	220	562	452	392	315	348	251	449	265	488	296	192
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	125	194	202	222	157	179	89	172	247	173	154	172
Owner-occupied housing units -----	117	167	160	174	149	173	86	142	231	161	145	144
Locking complete plumbing for exclusive use -----	14	6	2	—	7	—	6	—	12	—	2	—
No complete kitchen facilities -----	6	—	7	—	—	—	—	—	—	—	2	—
No vehicle available -----	15	8	23	21	—	14	—	27	33	6	11	13
No telephone -----	14	—	8	—	—	7	—	18	12	5	7	—
Locking central heating system -----	28	12	16	15	7	24	16	36	26	11	45	19
Locking air conditioning -----	108	123	165	181	140	119	80	151	180	136	121	109
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	596	1 453	678	964	504	456	378	768	610	624	473	456
With a mortgage -----	448	1 161	470	682	332	315	244	519	333	394	357	274
Less than \$100 -----	4	5	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	13	19	24	14	6	—	—	37	26	8	11	—
\$200 to \$299 -----	26	106	29	73	63	82	72	83	98	101	50	55
\$300 to \$399 -----	68	252	31	187	75	102	110	232	92	167	119	86
\$400 to \$599 -----	239	507	278	305	125	115	54	152	102	93	136	93
\$600 or more -----	98	272	108	103	63	16	8	15	25	25	29	—
Median -----	\$450	\$459	\$519	\$434	\$431	\$363	\$339	\$346	\$345	\$340	\$399	\$381
Not mortgaged -----	148	292	208	282	172	141	134	249	277	230	116	182
Median -----	\$139	\$177	\$180	\$197	\$188	\$165	\$155	\$143	\$127	\$144	\$145	\$168
GROSS RENT												
Specified renter-occupied housing units -----	177	114	133	143	79	50	78	67	134	442	56	167
Less than \$80 -----	—	—	8	—	—	—	—	—	—	—	—	—
\$80 to \$99 -----	9	—	—	—	—	—	—	—	—	22	—	7
\$100 to \$149 -----	—	—	—	—	—	—	—	7	24	30	—	—
\$150 to \$199 -----	9	17	22	—	—	—	14	—	—	84	6	37
\$200 to \$299 -----	62	62	42	77	23	28	50	24	85	196	27	86
\$300 to \$399 -----	51	9	34	46	23	9	6	5	17	92	10	26
\$400 or more -----	35	8	6	5	21	8	—	4	—	7	3	2
No cash rent -----	11	18	21	15	12	5	8	27	8	11	10	9
Median -----	\$304	\$266	\$269	\$264	\$325	\$258	\$255	\$217	\$238	\$239	\$243	\$224
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$20 911	\$26 642	\$23 625	\$21 104	\$24 662	\$21 922	\$19 918	\$20 863	\$18 112	\$17 604	\$20 409	\$20 180
Owner-occupied housing units -----	\$21 112	\$27 292	\$23 659	\$22 500	\$27 979	\$22 667	\$21 467	\$21 160	\$19 049	\$19 843	\$20 694	\$21 599
Renter-occupied housing units -----	\$18 281	\$20 573	\$16 215	\$15 457	\$12 278	\$8 693	\$9 643	\$13 125	\$12 500	\$12 358	\$16 771	\$14 623

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Almont township	Alpine township	Ann Arbor township	Antwerp township	Arbela township	Argentine township	Armada township	Ash township	Atlas township	Attica township	Augusta township	Bogley township
Year-round housing units -----	1 298	3 111	1 015	2 725	969	1 458	1 207	2 556	1 477	1 087	1 452	1 595
Complete kitchen facilities -----	1 271	3 095	1 015	2 698	930	1 454	1 192	2 522	1 471	1 046	1 452	1 562
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	69	210	23	138	14	30	62	164	67	22	15	58
1975 to 1978 -----	164	459	81	409	145	150	119	322	253	140	43	338
1970 to 1974 -----	167	468	42	545	233	233	208	644	226	222	172	419
1960 to 1969 -----	182	869	230	441	210	272	104	296	303	208	300	400
1940 to 1959 -----	225	604	412	402	203	493	194	508	215	224	488	301
1939 or earlier -----	491	501	227	790	164	280	520	622	413	271	434	79
HEATING EQUIPMENT												
Steam or hot water system -----	143	230	285	166	51	289	285	293	204	177	229	101
Central warm-air furnace -----	818	2 667	684	1 672	633	966	655	1 838	1 128	593	1 103	1 066
Electric heat pump -----	15	4	—	43	12	—	10	24	22	7	6	33
Other built-in electric units -----	72	22	—	254	40	32	110	114	36	51	25	127
Other means or none -----	250	188	46	590	233	171	147	287	87	259	89	268
BEDROOMS												
None -----	—	19	5	11	—	25	4	47	—	—	—	19
1 -----	101	244	22	214	51	128	49	77	52	48	29	89
2 -----	291	1 069	153	976	256	399	250	908	176	330	269	567
3 -----	661	1 218	416	1 199	548	712	625	1 173	905	534	814	762
4 -----	209	471	323	282	88	159	230	331	237	129	246	132
5 or more -----	36	90	96	43	26	35	49	20	107	46	94	26
UNITS IN STRUCTURE												
1, mobile home or trailer, etc -----	1 169	2 707	943	2 441	920	1 332	1 089	2 392	1 392	1 051	1 368	1 550
2 to 4 -----	92	93	66	165	41	59	68	88	53	13	66	—
5 to 9 -----	37	117	6	53	8	46	6	—	19	16	13	18
10 to 49 -----	—	186	—	66	—	21	44	74	13	7	5	5
50 or more -----	—	8	—	—	—	—	—	2	—	—	—	22
BATHROOMS												
No bathroom or only a half bath -----	20	32	—	27	34	15	26	58	18	42	18	44
1 complete bathroom -----	722	1 659	202	1 831	624	973	659	1 656	570	641	956	1 070
1 complete bathroom plus half bath(s) -----	286	980	153	437	189	283	297	503	500	185	331	217
2 or more complete bathrooms -----	270	440	660	430	122	187	225	339	389	219	147	264
AIR CONDITIONING												
None -----	1 032	2 025	613	1 830	792	1 187	1 037	1 749	1 230	938	935	1 527
Central system -----	44	582	223	344	60	62	31	285	76	11	107	8
1 or more individual room units -----	222	504	179	551	117	209	139	522	171	138	410	60
Occupied housing units -----	1 242	2 947	985	2 568	929	1 337	1 153	2 471	1 432	1 047	1 412	1 372
No telephone -----	41	58	—	80	44	29	31	129	19	41	35	96
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	212	566	143	466	95	232	176	494	239	129	112	325
1975 to 1978 -----	396	813	245	869	236	438	324	762	369	369	286	520
1970 to 1974 -----	230	445	170	494	257	246	234	446	246	207	325	321
1960 to 1969 -----	213	658	247	383	214	229	190	361	216	184	344	136
1959 or earlier -----	191	465	180	356	127	192	229	408	185	158	345	70
HOUSE HEATING FUEL												
Utility gas -----	780	2 272	617	1 207	120	492	467	1 694	742	317	847	537
Bottled, tank, or LP gas -----	59	120	8	412	284	277	139	210	134	181	170	234
Electricity -----	100	31	10	305	52	29	116	151	71	80	40	151
Fuel oil, kerosene, etc -----	253	488	321	529	403	508	401	372	451	377	355	345
Coal or coke -----	—	6	14	—	—	—	5	—	—	—	—	—
Wood -----	50	30	15	96	67	31	23	44	24	86	—	105
Other fuel -----	—	—	—	4	3	—	2	—	10	6	—	—
No fuel used -----	—	—	—	15	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	37	69	6	97	29	19	46	43	39	28	12	34
1 -----	330	843	249	874	203	331	296	701	229	295	294	517
2 -----	519	1 251	487	1 124	344	556	492	1 005	757	376	517	573
3 or more -----	356	784	243	473	353	431	319	722	407	348	589	248
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	231	345	162	487	131	176	197	287	188	198	238	243
Owner-occupied housing units -----	211	327	160	400	117	164	177	258	181	180	230	235
Locking complete plumbing for exclusive use -----	—	—	—	4	19	—	4	9	—	25	5	—
No complete kitchen facilities -----	—	—	—	—	5	—	2	—	2	12	—	—
No vehicle available -----	29	33	6	60	29	7	32	26	36	24	12	23
No telephone -----	6	20	—	21	2	—	4	24	—	—	—	—
Locking central heating system -----	49	39	8	126	30	16	25	45	23	58	20	12
Lacking air conditioning -----	195	271	94	320	93	123	174	215	168	155	157	230
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	671	1 762	752	1 322	444	860	679	1 254	916	504	900	918
With a mortgage -----	429	1 232	552	913	283	611	427	775	691	329	607	600
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	—	6
\$100 to \$199 -----	11	37	—	31	19	—	7	17	2	—	7	44
\$200 to \$299 -----	46	522	21	250	57	86	57	126	64	107	21	271
\$300 to \$399 -----	142	338	20	345	101	232	110	215	173	99	215	134
\$400 to \$599 -----	188	299	135	252	106	276	184	307	355	115	290	116
\$600 or more -----	42	36	376	35	—	17	69	110	97	8	74	29
Median -----	\$414	\$316	\$691	\$344	\$362	\$396	\$435	\$411	\$437	\$346	\$428	\$294
Not mortgaged -----	242	530	200	409	161	249	252	479	225	175	293	318
Median -----	\$162	\$139	\$366	\$136	\$169	\$212	\$190	\$188	\$175	\$137	\$191	\$140
GROSS RENT												
Specified renter-occupied housing units -----	171	439	74	465	70	168	129	236	110	108	120	189
Less than \$80 -----	—	—	—	4	—	—	—	—	—	—	—	—
\$80 to \$99 -----	—	11	—	25	—	—	—	—	—	—	—	—
\$100 to \$149 -----	7	16	—	51	—	—	6	20	3	9	6	—
\$150 to \$199 -----	19	11	—	101	—	18	7	31	21	10	14	14
\$200 to \$299 -----	93	218	12	207	38	83	75	104	53	54	16	74
\$300 to \$399 -----	32	110	25	50	11	46	26	46	19	11	51	88
\$400 or more -----	13	14	32	2	—	21	8	4	6	3	25	13
No cash rent -----	7	59	5	25	21	—	7	31	8	21	8	—
Median -----	\$266	\$279	\$386	\$214	\$247	\$287	\$268	\$254	\$239	\$243	\$321	\$304
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$23 355	\$21 366	\$38 369	\$18 080	\$23 319	\$21 431	\$23 947	\$22 442	\$28 553	\$22 209	\$26 029	\$15 962
Owner-occupied housing units -----	\$24 701	\$22 285	\$39 788	\$20 149	\$24 326	\$24 098	\$25 368	\$23 338	\$29 684	\$24 043	\$26 949	\$17 076
Renter-occupied housing units -----	\$18 317	\$16 667	\$18 021	\$11 034	\$12 292	\$13 017	\$14 271	\$13 850	\$19 904	\$14 500	\$20 850	\$11 172

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Bainbridge township	Baraga township	Boroda township	Barry township	Bath township	Bear Creek township	Beaver township, Bay County	Bellevue township	Bennington township	Berlin township, Ionia County	Berlin township, Monroe County	Berrien township
Year-round housing units -----	1 074	1 118	963	1 196	1 911	1 209	876	965	848	683	2 143	1 440
Complete kitchen facilities -----	1 054	1 015	955	1 174	1 886	1 181	857	950	827	669	2 120	1 425
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	16	32	60	25	65	63	20	52	29	10	81	48
1975 to 1978 -----	57	69	114	58	214	150	121	50	92	53	187	157
1970 to 1974 -----	166	198	141	166	296	325	194	74	195	95	364	229
1960 to 1969 -----	163	152	144	223	415	258	146	95	181	148	353	265
1940 to 1959 -----	263	179	200	281	501	240	169	121	97	106	529	314
1939 or earlier -----	409	488	304	443	420	173	226	573	254	271	629	427
HEATING EQUIPMENT												
Steam or hot water system -----	54	173	97	99	116	224	109	103	85	71	269	129
Central warm-air furnace -----	589	462	630	835	1 479	741	601	643	621	480	1 434	576
Electric heat pump -----	31	10	15	—	31	—	4	1	2	—	10	26
Other built-in electric units -----	178	26	110	33	44	6	37	35	46	14	56	393
Other means or none -----	222	447	111	229	241	238	125	183	94	114	374	316
BEDROOMS												
None -----	6	12	6	9	3	3	4	—	2	—	7	1
1 -----	62	167	67	199	172	110	31	51	22	43	137	92
2 -----	368	372	334	320	636	318	166	253	140	195	690	456
3 -----	403	383	418	424	812	634	507	466	491	292	887	566
4 -----	155	152	95	196	236	90	138	166	141	109	344	273
5 or more -----	80	32	43	48	52	54	30	29	52	44	78	52
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 036	926	898	1 121	1 734	1 121	866	863	827	661	1 926	1 326
2 to 4 -----	25	74	54	50	109	37	6	44	17	22	79	98
5 to 9 -----	—	43	11	17	9	32	4	—	—	—	5	7
10 to 49 -----	13	75	—	8	59	16	—	56	2	—	133	9
50 or more -----	—	—	—	—	—	3	—	2	—	—	—	—
BATHROOMS												
No bathroom or only a half bath -----	17	166	11	14	30	48	34	17	30	20	45	41
1 complete bathroom -----	644	796	657	860	1 361	736	589	675	433	445	1 466	783
1 complete bathroom plus half bath(s) -----	232	110	211	117	235	216	158	154	190	96	351	310
2 or more complete bathrooms -----	181	46	84	205	285	209	95	119	195	122	281	306
AIR CONDITIONING												
None -----	805	1 035	580	1 029	1 497	1 175	786	887	725	514	1 453	942
Central system -----	81	25	122	30	91	11	15	8	44	51	280	136
1 or more individual room units -----	188	58	261	137	323	23	75	79	79	118	410	362
Occupied housing units	1 015	955	908	1 068	1 849	1 059	840	914	809	651	2 041	1 284
No telephone -----	22	65	25	65	71	21	27	16	23	27	51	43
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	84	110	204	177	358	193	86	134	111	97	351	238
1975 to 1978 -----	225	226	195	259	589	256	222	247	225	145	592	392
1970 to 1974 -----	234	209	125	191	302	296	184	163	219	117	325	205
1960 to 1969 -----	184	171	191	271	351	153	151	205	144	156	411	218
1959 or earlier -----	288	239	193	170	249	161	197	165	110	136	362	231
HOUSE HEATING FUEL												
Utility gas -----	85	344	379	246	924	512	224	520	54	342	1 439	142
Bottled, tank, or LP gas -----	59	132	10	118	98	191	93	32	112	39	270	127
Electricity -----	202	35	157	40	75	15	43	39	60	18	66	389
Fuel oil, kerosene, etc. -----	629	257	359	601	697	238	425	261	537	221	248	544
Coal or coke -----	7	—	—	9	—	—	—	—	—	—	—	—
Wood -----	27	179	3	54	47	98	43	53	44	31	18	82
Other fuel -----	8	—	—	—	—	—	—	—	—	—	—	—
No fuel used -----	6	—	—	—	—	5	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	66	92	21	62	41	56	20	30	14	13	45	54
1 -----	207	263	272	313	530	237	185	276	158	190	568	365
2 -----	473	423	348	471	741	517	414	362	408	298	849	552
3 or more -----	269	177	267	222	537	249	211	246	229	150	579	313
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	265	295	149	235	174	164	100	144	106	134	254	257
Owner-occupied housing units -----	221	230	136	218	151	148	93	115	91	124	239	236
Lacking complete plumbing for exclusive use -----	4	31	6	—	—	—	—	—	7	—	2	5
No complete kitchen facilities -----	—	5	8	—	—	—	4	—	3	4	2	5
No vehicle available -----	60	65	15	42	21	51	13	21	14	10	30	36
No telephone -----	3	9	6	8	—	7	—	5	—	—	10	11
Lacking central heating system -----	66	79	17	25	25	47	11	12	11	17	38	39
Lacking air conditioning -----	210	274	95	212	159	164	85	131	88	103	209	206
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	410	367	363	568	992	490	505	477	455	376	1 318	609
With a mortgage -----	187	156	210	333	702	313	356	281	328	227	770	329
Less than \$100 -----	—	2	—	—	—	—	—	—	—	2	—	—
\$100 to \$199 -----	26	19	3	12	22	10	—	23	4	17	9	37
\$200 to \$299 -----	39	62	66	114	261	64	73	106	57	53	90	60
\$300 to \$399 -----	79	46	77	152	177	95	146	93	119	65	224	105
\$400 to \$599 -----	33	27	34	21	164	75	123	55	96	70	380	106
\$600 or more -----	10	—	30	34	78	69	14	4	52	20	67	21
Median -----	\$339	\$293	\$352	\$320	\$341	\$369	\$373	\$310	\$388	\$359	\$428	\$353
Not mortgaged -----	223	211	153	235	290	177	149	196	127	149	548	280
Median -----	\$143	\$149	\$148	\$137	\$160	\$156	\$176	\$145	\$181	\$136	\$174	\$154
GROSS RENT												
Specified renter-occupied housing units -----	106	185	124	126	277	141	42	118	39	50	339	171
Less than \$80 -----	—	31	—	—	—	—	—	13	—	2	—	—
\$80 to \$99 -----	—	7	—	—	—	4	—	5	—	3	—	—
\$100 to \$149 -----	—	39	—	—	8	19	3	12	—	4	3	11
\$150 to \$199 -----	16	38	21	21	43	10	7	12	8	3	38	19
\$200 to \$299 -----	39	49	52	57	178	44	20	46	3	22	130	62
\$300 to \$399 -----	9	4	34	15	23	32	3	12	7	11	135	63
\$400 or more -----	6	—	—	5	4	17	2	3	4	2	16	11
No cash rent -----	36	17	—	28	21	15	7	15	17	3	17	5
Median -----	\$224	\$158	\$260	\$237	\$247	\$282	\$241	\$224	\$287	\$264	\$296	\$285
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$14 395	\$12 061	\$17 400	\$19 088	\$21 531	\$19 778	\$21 250	\$19 253	\$22 813	\$19 068	\$23 132	\$18 004
Owner-occupied housing units -----	\$16 512	\$14 231	\$17 253	\$20 329	\$23 660	\$21 020	\$21 630	\$20 445	\$23 503	\$19 600	\$24 188	\$19 544
Renter-occupied housing units -----	\$10 642	\$7 036	\$17 991	\$13 125	\$12 212	\$15 114	\$12 000	\$10 714	\$13 750	\$15 938	\$19 688	\$13 882

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Birch Run township	Blair township	Blendon township	Blissfield township	Boston township	Brady township, Kalamazoo County	Brandon township	Breitung township	Bruce township, Macomb County	Buchanan township	Burns township	Burr Oak township
Year-round housing units	1 755	1 633	1 115	1 398	1 248	1 314	2 985	1 735	1 849	1 265	977	907
Complete kitchen facilities	1 728	1 607	1 103	1 393	1 231	1 301	2 970	1 698	1 849	1 248	958	898
YEAR STRUCTURE BUILT												
1979 to March 1980	56	125	53	7	38	20	181	105	46	18	38	18
1975 to 1978	170	453	152	83	198	168	800	303	205	102	130	89
1970 to 1974	311	498	163	80	218	125	568	248	350	196	226	73
1960 to 1969	357	228	208	129	176	216	495	295	328	305	87	132
1940 to 1959	413	158	152	295	211	332	566	327	350	328	107	166
1939 or earlier	448	171	387	804	407	453	375	457	570	316	389	429
HEATING EQUIPMENT												
Steam or hot water system	196	80	65	192	59	107	364	300	313	74	98	86
Central warm-air furnace	1 243	1 389	890	996	855	848	2 199	1 177	1 259	767	675	569
Electric heat pump	20	—	3	20	17	31	36	20	23	30	4	4
Other built-in electric units	98	20	39	25	80	100	178	91	78	228	69	23
Other means or none	198	144	118	165	237	228	208	147	176	166	131	225
BEDROOMS												
None	23	6	—	—	—	15	10	10	—	—	—	3
1	82	67	67	103	153	83	106	87	125	40	43	59
2	394	700	179	445	354	294	799	658	445	478	198	280
3	953	714	647	557	514	670	1 494	756	870	544	494	370
4	263	119	190	258	173	282	509	195	319	183	185	158
5 or more	40	27	32	35	54	50	67	29	90	20	57	37
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 612	1 601	1 050	1 214	1 052	1 242	2 800	1 716	1 700	1 240	920	873
2 to 4	62	32	38	154	56	72	144	7	130	5	41	23
5 to 9	61	—	27	18	25	—	25	5	—	20	—	9
10 to 49	20	—	—	12	108	—	16	—	19	—	16	2
50 or more	—	—	—	—	7	—	—	7	—	—	—	—
BATHROOMS												
No bathroom or only a half bath	34	45	22	32	9	26	25	88	5	17	17	15
1 complete bathroom	1 011	1 173	594	932	872	803	1 364	1 172	908	788	630	659
1 complete bathroom plus half bath(s) ..	450	184	310	229	188	254	823	233	458	244	204	132
2 or more complete bathrooms	260	231	189	205	179	231	773	242	478	216	126	101
AIR CONDITIONING												
None	1 379	1 594	920	876	990	978	2 511	1 536	1 393	766	834	706
Central system	106	17	27	194	74	91	205	67	171	165	26	50
1 or more individual room units	270	22	168	328	184	245	269	132	285	334	117	151
Occupied housing units	1 709	1 517	1 080	1 355	1 233	1 283	2 896	1 587	1 780	1 204	948	879
No telephone	63	84	9	38	52	12	74	23	57	57	45	75
YEAR HOUSEHOLDER MOVED INTO UNIT ..												
1979 to March 1980	241	514	162	154	274	205	551	279	276	133	172	98
1975 to 1978	411	550	330	462	394	378	1 178	470	594	343	228	229
1970 to 1974	360	250	198	219	222	232	564	287	303	229	247	148
1960 to 1969	363	98	217	194	134	228	376	216	348	258	161	170
1959 or earlier	334	105	173	326	209	240	227	335	259	241	140	234
HOUSE HEATING FUEL												
Utility gas	825	1 180	463	977	491	621	1 333	964	1 175	275	204	292
Bottled, tank, or LP gas	211	112	33	71	129	56	194	125	79	44	151	187
Electricity	106	40	43	45	103	137	229	107	108	274	81	26
Fuel oil, kerosene, etc.	511	130	476	237	417	410	1 085	358	413	518	447	303
Coal or coke	—	—	—	—	4	7	—	—	—	—	—	—
Wood	45	55	65	25	89	52	55	33	5	93	65	68
Other fuel	11	—	—	—	—	—	—	—	—	—	—	—
No fuel used	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None	55	76	12	112	59	78	86	50	63	47	13	51
1	410	554	187	444	475	308	582	574	526	341	219	265
2	762	699	478	554	502	557	1 404	746	756	543	401	363
3 or more	482	188	403	245	197	340	824	217	435	273	315	200
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER ..												
Occupied housing units	227	155	110	333	286	272	273	352	322	229	109	188
Owner-occupied housing units	214	155	95	282	199	262	219	334	272	223	101	176
Lacking complete plumbing for exclusive use ..	—	—	6	4	1	13	9	7	—	7	—	2
No complete kitchen facilities	—	—	—	—	—	13	—	7	—	—	—	2
No vehicle available	27	24	12	112	43	43	48	40	33	30	10	21
No telephone	4	—	5	5	4	—	14	—	10	13	7	16
Lacking central heating system	25	14	8	34	22	47	27	38	48	28	16	42
Lacking air conditioning	162	155	106	195	197	176	240	322	226	150	86	147
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units ..	1 116	704	567	829	639	812	1 713	1 062	993	638	518	448
With a mortgage	702	524	385	430	375	518	1 350	558	709	351	319	209
Less than \$100	—	—	—	—	2	7	—	—	—	—	—	—
\$100 to \$199	12	16	10	—	30	32	22	28	—	6	2	8
\$200 to \$299	122	256	76	29	86	130	134	183	99	61	79	76
\$300 to \$399	263	142	162	183	172	131	329	185	128	117	112	75
\$400 to \$599	255	110	131	207	79	126	585	130	267	138	120	44
\$600 or more	50	—	6	11	6	92	280	32	215	29	6	6
Median	\$383	\$296	\$368	\$402	\$336	\$362	\$463	\$331	\$473	\$390	\$366	\$320
Not mortgaged	414	180	182	399	264	294	363	504	284	287	199	239
Median	\$156	\$143	\$160	\$194	\$150	\$152	\$205	\$133	\$191	\$153	\$179	\$141
GROSS RENT												
Specified renter-occupied housing units ..	172	238	88	231	258	114	303	128	228	93	66	106
Less than \$80	—	6	—	—	38	—	—	6	—	—	—	—
\$80 to \$99	—	—	—	—	22	—	—	—	—	—	—	—
\$100 to \$149	2	—	—	19	36	17	—	6	7	—	—	7
\$150 to \$199	47	—	21	57	36	32	9	17	31	22	9	16
\$200 to \$299	83	146	34	84	83	43	137	70	90	25	36	52
\$300 to \$399	26	56	20	12	16	—	83	24	52	27	7	12
\$400 or more	9	15	—	32	4	12	47	—	19	—	7	5
No cash rent	5	15	13	27	23	10	27	5	29	19	7	14
Median	\$233	\$275	\$234	\$251	\$171	\$203	\$295	\$239	\$266	\$225	\$267	\$237
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$23 361	\$14 828	\$21 709	\$20 027	\$18 455	\$21 855	\$25 201	\$16 134	\$25 570	\$19 583	\$23 500	\$16 074
Owner-occupied housing units	\$24 783	\$15 730	\$22 829	\$21 079	\$19 953	\$23 047	\$25 994	\$15 882	\$26 556	\$20 560	\$24 885	\$16 761
Renter-occupied housing units	\$13 750	\$12 067	\$11 705	\$14 853	\$7 926	\$13 958	\$15 484	\$20 000	\$13 977	\$11 607	\$9 135	\$13 333

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Burtchville township	Caledonia township, Kent County	Caledonia township, Shiawassee County	Columet township	Cambridge township	Cannon township	Corrollton township	Casco township, Allegan County	Casco township, St. Clair County	Costleton township	Chesaning township	Chikaming township
Year-round housing units -----	1 277	1 642	1 618	3 572	2 041	1 639	2 501	1 110	1 388	1 130	1 696	2 235
Complete kitchen facilities -----	1 257	1 627	1 575	3 457	2 027	1 581	2 492	1 085	1 360	1 101	1 685	2 202
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	69	117	57	9	71	115	—	6	155	52	30	37
1975 to 1978 -----	137	253	65	66	162	256	82	101	296	78	127	66
1970 to 1974 -----	257	166	214	65	293	189	134	176	337	106	173	150
1960 to 1969 -----	178	326	380	190	435	408	783	90	141	112	287	331
1940 to 1959 -----	409	296	489	90	657	344	998	300	189	174	493	959
1939 or earlier -----	227	484	413	3 152	423	327	504	437	270	608	586	692
HEATING EQUIPMENT												
Steam or hot water system -----	160	212	106	1 467	179	183	230	68	146	91	198	166
Central warm-air furnace -----	820	1 231	1 237	1 605	1 275	1 196	1 885	729	968	691	1 191	1 168
Electric heat pump -----	8	5	12	19	19	20	25	5	16	4	16	26
Other built-in electric units -----	68	48	102	70	83	45	63	19	47	30	45	485
Other means or none -----	221	146	161	411	485	195	298	289	211	314	246	390
BEDROOMS												
None -----	5	3	15	51	5	—	9	29	10	8	15	44
1 -----	81	66	87	367	165	57	121	56	37	77	164	197
2 -----	540	415	454	865	838	433	748	364	433	420	445	874
3 -----	495	731	803	1 593	820	796	1 253	369	618	413	781	856
4 -----	122	366	214	546	186	324	319	207	209	162	227	167
5 or more -----	34	61	45	150	27	29	51	85	81	50	64	97
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 224	1 500	1 488	2 859	1 978	1 577	2 122	1 047	1 355	994	1 480	1 945
2 to 4 -----	45	88	101	381	55	62	194	25	9	71	183	167
5 to 9 -----	2	24	14	148	8	—	28	—	18	26	25	63
10 to 49 -----	4	30	15	135	—	—	157	38	6	37	8	31
50 or more -----	2	—	—	49	—	—	—	—	—	2	—	29
BATHROOMS												
No bathroom or only a half bath -----	22	13	20	270	62	6	34	30	26	41	37	70
1 complete bathroom -----	855	834	1 027	2 477	1 393	713	1 757	791	841	908	1 020	1 458
1 complete bathroom plus half bath(s) -----	244	350	318	590	321	453	510	134	271	106	379	429
2 or more complete bathrooms -----	156	445	253	235	265	467	200	155	250	75	260	278
AIR CONDITIONING												
None -----	1 069	1 291	1 265	3 499	1 725	1 422	1 794	952	1 124	979	1 341	1 342
Central system -----	47	93	100	4	83	88	141	74	106	26	68	246
1 or more individual room units -----	161	258	253	69	233	129	566	84	158	125	287	647
Occupied housing units	1 097	1 572	1 556	3 115	1 243	1 578	2 450	951	1 324	1 096	1 637	1 627
No telephone -----	35	35	21	157	24	27	39	51	35	51	77	108
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	279	245	306	438	229	275	407	166	328	233	265	199
1975 to 1978 -----	329	479	428	689	453	530	510	224	479	347	486	338
1970 to 1974 -----	166	287	263	414	207	284	364	201	228	155	204	356
1960 to 1969 -----	192	351	304	500	214	274	635	112	92	184	278	311
1959 or earlier -----	131	210	255	1 074	140	215	534	248	197	177	404	423
HOUSE HEATING FUEL												
Utility gas -----	796	647	943	1 868	330	621	2 165	68	589	647	788	401
Bottled, tank, or LP gas -----	28	82	48	24	317	124	29	111	191	152	93	106
Electricity -----	73	53	116	79	87	68	137	13	77	40	66	477
Fuel oil, kerosene, etc. -----	165	735	415	1 058	473	724	112	719	395	189	623	568
Coal or coke -----	9	—	—	—	—	—	—	—	6	—	—	9
Wood -----	24	55	34	86	36	41	7	36	66	64	67	66
Other fuel -----	2	—	—	—	—	—	—	—	—	4	—	—
No fuel used -----	—	—	—	—	—	—	—	4	—	—	—	—
VEHICLES AVAILABLE												
None -----	35	26	46	641	15	29	122	40	28	68	59	103
1 -----	444	367	445	1 430	392	342	895	323	329	422	465	664
2 -----	430	607	646	814	573	677	947	369	586	382	717	551
3 or more -----	188	572	419	230	263	486	219	219	381	224	396	309
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	187	236	203	1 244	256	233	458	231	166	261	294	598
Owner-occupied housing units -----	180	220	188	993	239	233	432	205	147	214	262	514
Locking complete plumbing for exclusive use -----	5	7	—	77	3	—	—	—	—	9	18	22
No complete kitchen facilities -----	3	7	7	35	—	—	—	10	—	11	—	—
No vehicle available -----	21	18	29	434	12	15	90	24	21	54	31	76
No telephone -----	—	15	7	41	—	—	—	—	—	7	35	29
Locking central heating system -----	19	21	13	104	27	26	63	67	29	57	25	42
Locking air conditioning -----	148	194	133	1 214	193	211	329	226	133	221	230	332
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	616	1 008	989	2 072	811	1 057	1 820	310	468	491	1 066	1 079
With a mortgage -----	336	666	641	528	521	758	988	159	328	238	571	491
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	22	7	28	61	3	15	16	—	11	23	13	17
\$200 to \$299 -----	96	125	227	216	58	172	380	41	26	102	193	124
\$300 to \$399 -----	97	266	261	153	219	199	382	38	90	78	177	154
\$400 to \$599 -----	95	195	85	87	216	254	203	68	156	35	171	181
\$600 or more -----	26	73	40	11	25	118	7	12	45	—	17	15
Median -----	\$353	\$375	\$330	\$295	\$392	\$397	\$323	\$401	\$431	\$295	\$341	\$376
Not mortgaged -----	280	342	348	1 544	290	299	832	151	140	253	495	588
Median -----	\$160	\$163	\$156	\$130	\$165	\$161	\$156	\$134	\$171	\$127	\$175	\$163
GROSS RENT												
Specified renter-occupied housing units -----	158	182	184	732	152	109	474	103	61	227	277	239
Less than \$80 -----	—	—	—	105	—	—	—	—	—	—	—	—
\$80 to \$99 -----	—	—	—	31	—	—	—	—	—	9	10	—
\$100 to \$149 -----	—	15	—	136	11	—	16	22	6	19	10	34
\$150 to \$199 -----	18	21	39	151	17	35	52	12	7	52	72	20
\$200 to \$299 -----	74	94	95	259	48	20	163	52	21	117	120	95
\$300 to \$399 -----	43	9	39	16	37	24	161	17	6	8	34	50
\$400 or more -----	8	10	5	—	8	21	56	—	5	3	9	—
No cash rent -----	15	33	6	34	31	9	26	—	16	19	22	40
Median -----	\$282	\$238	\$250	\$175	\$265	\$279	\$296	\$255	\$263	\$225	\$228	\$260
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$18 027	\$22 872	\$20 212	\$10 348	\$20 853	\$25 250	\$20 608	\$15 578	\$22 357	\$14 877	\$20 515	\$15 064
Owner-occupied housing units -----	\$18 964	\$24 578	\$21 674	\$11 912	\$22 008	\$25 885	\$22 844	\$16 886	\$22 844	\$16 694	\$22 035	\$17 188
Renter-occupied housing units -----	\$12 500	\$14 042	\$12 437	\$6 669	\$14 375	\$20 703	\$14 688	\$11 071	\$14 167	\$9 696	\$14 096	\$10 459

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Chippewa township, Isabella County	Chocoley township	Clay township	Clayton township, Genesee County	Clinton township, Lenawee County	Clyde township, St. Clair County	Coe township	Coldwater township, Branch County	Coloma township	Colon township	Columbia township, Jackson County	Columbus township, St. Clair County
Year-round housing units -----	1 326	2 047	3 446	2 436	1 240	1 451	1 096	1 315	1 996	1 288	2 299	964
Complete kitchen facilities -----	1 298	2 009	3 391	2 399	1 236	1 443	1 068	1 309	1 969	1 269	2 281	934
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	78	109	103	206	33	53	37	66	34	45	61	31
1975 to 1978 -----	247	461	226	300	185	206	130	103	154	101	224	166
1970 to 1974 -----	343	426	468	605	259	335	145	234	267	137	304	214
1960 to 1969 -----	318	450	651	549	139	324	164	340	396	182	539	106
1940 to 1939 -----	153	439	1 187	453	213	316	156	258	657	284	524	193
1939 or earlier -----	187	162	811	323	411	217	464	314	488	539	647	254
HEATING EQUIPMENT												
Steam or hot water system -----	75	469	739	192	160	281	119	271	179	74	267	179
Central warm-air furnace -----	857	866	1 728	2 117	970	791	690	864	1 022	776	1 602	563
Electric heat pump -----	6	13	25	6	—	6	1	12	37	10	18	8
Other built-in electric units -----	63	226	238	31	8	128	42	23	292	45	82	99
Other means or none -----	325	473	716	90	102	245	244	145	466	383	330	115
BEDROOMS												
None -----	32	37	46	—	12	—	—	9	7	—	—	6
1 -----	73	197	356	100	86	70	72	85	168	116	195	34
2 -----	539	572	1 098	610	392	407	311	405	675	457	631	234
3 -----	541	934	1 497	1 367	577	713	474	505	864	490	1 002	469
4 -----	103	271	355	305	128	224	181	258	217	140	357	173
5 or more -----	38	36	94	54	45	37	58	53	65	85	114	48
UNITS IN STRUCTURE												
1, mobile home or trailer, etc -----	1 215	1 825	3 201	2 259	1 074	1 405	1 030	1 225	1 795	1 211	2 141	928
2 to 4 -----	63	72	99	62	121	46	52	85	115	67	85	28
5 to 9 -----	14	58	61	98	18	—	12	5	—	10	19	8
10 to 49 -----	34	85	85	11	27	—	2	—	—	53	46	—
50 or more -----	—	7	—	6	—	—	—	—	—	33	8	—
BATHROOMS												
No bathroom or only a half bath -----	24	58	89	20	8	12	31	10	47	37	61	22
1 complete bathroom -----	1 022	1 156	2 110	1 286	741	768	739	774	1 245	945	1 374	521
1 complete bathroom plus half bath(s) -----	162	405	610	699	271	336	212	293	368	147	314	200
2 or more complete bathrooms -----	118	428	632	431	220	335	114	238	336	159	550	221
AIR CONDITIONING												
None -----	1 145	1 906	2 897	1 797	840	1 245	939	965	1 407	1 006	1 858	816
Central system -----	38	11	151	254	197	58	21	135	259	89	164	50
1 or more individual room units -----	143	130	398	385	203	148	136	215	330	193	277	98
Occupied housing units -----	1 211	1 842	3 000	2 269	1 191	1 376	1 022	1 262	1 847	1 070	2 125	901
No telephone -----	131	67	134	50	18	36	18	57	133	151	44	36
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	305	438	562	463	215	232	222	248	316	287	404	118
1975 to 1978 -----	470	689	855	617	402	356	230	394	571	181	658	292
1970 to 1974 -----	145	299	550	367	238	320	198	240	308	179	463	197
1960 to 1969 -----	177	267	611	527	143	250	205	227	398	203	334	131
1959 or earlier -----	114	149	422	295	193	218	167	153	254	220	266	163
HOUSE HEATING FUEL												
Utility gas -----	554	659	1 895	1 583	838	520	507	707	1 170	531	1 467	123
Bottled, tank, or LP gas -----	251	180	233	89	80	184	138	145	65	133	125	209
Electricity -----	94	221	250	67	8	141	44	53	334	55	106	112
Fuel oil, kerosene, etc -----	243	595	503	513	249	461	291	325	253	256	365	416
Cool or coke -----	—	—	—	—	—	—	—	—	—	3	5	11
Wood -----	62	187	109	17	16	70	42	32	25	92	53	25
Other fuel -----	7	—	10	—	—	—	—	—	—	—	—	5
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	4
VEHICLES AVAILABLE												
None -----	44	67	109	33	52	31	26	41	140	91	91	28
1 -----	433	390	896	556	437	338	306	359	552	425	580	188
2 -----	513	936	1 233	1 015	471	652	482	558	675	383	938	376
3 or more -----	221	449	762	665	231	355	208	304	480	171	516	309
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	159	174	678	164	221	171	215	251	351	313	410	140
Owner-occupied housing units -----	139	161	630	139	186	166	200	230	318	282	348	130
Lacking complete plumbing for exclusive use -----	5	—	6	—	—	—	1	—	—	9	8	4
No complete kitchen facilities -----	—	12	—	—	2	—	—	6	—	—	6	—
No vehicle available -----	6	19	62	5	27	13	16	23	95	37	48	16
No telephone -----	7	13	28	5	5	—	—	6	6	33	15	7
Lacking central heating system -----	60	30	89	11	16	23	48	19	78	52	36	16
Lacking air conditioning -----	131	144	547	108	125	160	183	192	245	237	336	128
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	494	1 166	2 259	1 313	674	940	568	720	1 076	620	1 492	451
With a mortgage -----	314	859	1 329	903	430	640	336	476	704	279	871	312
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	22	14	28	6	6	8	3	11	37	25	22	2
\$200 to \$299 -----	95	133	246	195	48	139	72	65	166	129	221	38
\$300 to \$399 -----	109	260	397	300	155	210	129	156	194	82	269	79
\$400 to \$599 -----	78	377	505	313	184	209	128	201	274	25	292	124
\$600 or more -----	10	75	153	89	37	74	4	43	33	18	67	69
Median -----	\$330	\$408	\$398	\$384	\$404	\$386	\$375	\$404	\$374	\$284	\$365	\$442
Not mortgaged -----	180	307	930	410	244	300	232	244	372	341	621	139
Median -----	\$120	\$182	\$173	\$186	\$166	\$154	\$162	\$156	\$135	\$138	\$172	\$193
GROSS RENT												
Specified renter-occupied housing units -----	262	318	369	259	203	104	148	199	337	158	321	41
Less than \$80 -----	7	—	—	—	4	—	—	—	—	—	—	—
\$80 to \$99 -----	—	—	—	—	—	—	—	—	9	1	—	—
\$100 to \$149 -----	13	28	10	—	4	—	3	15	9	10	11	2
\$150 to \$199 -----	54	59	27	15	48	10	34	33	60	25	51	2
\$200 to \$299 -----	163	111	186	108	101	48	66	74	195	65	148	12
\$300 to \$399 -----	18	55	68	101	22	29	25	44	38	27	68	13
\$400 or more -----	—	57	44	22	10	12	6	10	14	—	20	3
No cash rent -----	7	8	34	13	14	5	14	23	12	30	23	9
Median -----	\$222	\$270	\$251	\$300	\$220	\$281	\$242	\$263	\$233	\$238	\$256	\$300
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$14 370	\$21 404	\$19 489	\$25 459	\$20 571	\$21 588	\$17 530	\$19 155	\$17 998	\$13 918	\$20 470	\$23 458
Owner-occupied housing units -----	\$16 667	\$22 606	\$20 581	\$26 338	\$22 009	\$22 500	\$19 253	\$21 012	\$19 637	\$14 824	\$21 893	\$23 881
Renter-occupied housing units -----	\$8 566	\$15 355	\$12 440	\$20 236	\$12 552	\$11 855	\$12 893	\$15 339	\$11 823	\$12 434	\$12 885	\$18 438

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Constantine township	Cooper township	Cottrellville township	Courtland township	Covert township	Crockery township	Odton township	Decorat township	Deerfield township, Lapeer County	Deerfield township, Livingston County	Denmark township	Denton township
Year-round housing units -----	1 309	2 756	1 156	1 063	1 117	1 207	2 053	1 323	1 457	835	1 265	1 797
Complete kitchen facilities -----	1 255	2 733	1 136	1 063	1 094	1 194	2 048	1 299	1 453	821	1 257	1 784
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	49	84	80	61	12	35	95	36	57	45	24	127
1975 to 1978 -----	109	286	134	162	44	151	194	97	310	133	187	200
1970 to 1974 -----	186	249	200	148	92	206	243	145	358	180	208	323
1960 to 1969 -----	134	696	152	211	194	209	320	158	214	129	169	483
1940 to 1959 -----	231	1 001	247	205	464	271	771	327	307	138	266	552
1939 or earlier -----	600	440	343	276	311	335	430	560	211	210	411	112
HEATING EQUIPMENT												
Steam or hot water system -----	74	223	214	89	45	92	175	88	112	119	260	133
Central warm-air furnace -----	809	2 234	632	759	480	800	1 351	743	881	527	795	942
Electric heat pump -----	26	18	8	—	10	—	—	20	23	9	24	24
Other built-in electric units -----	116	25	39	20	132	60	55	97	115	49	87	149
Other means or none -----	284	256	263	195	450	255	472	375	326	131	99	549
BEDROOMS												
None -----	8	—	5	—	7	7	5	3	7	3	10	—
1 -----	133	85	61	52	122	70	148	116	125	54	77	194
2 -----	334	781	444	243	513	372	750	460	384	178	381	944
3 -----	609	1 391	468	572	310	524	874	525	771	388	541	554
4 -----	168	415	140	155	136	161	198	182	117	179	187	71
5 or more -----	57	84	38	41	29	73	78	37	53	33	69	34
UNITS IN STRUCTURE												
1, mobile home or trailer, etc -----	1 140	2 619	1 100	1 056	1 017	1 142	1 999	1 146	1 445	818	1 130	1 667
2 to 4 -----	100	121	35	—	73	53	47	87	12	15	47	16
5 to 9 -----	69	6	4	7	—	5	7	58	—	2	54	22
10 to 49 -----	—	10	17	—	27	7	—	32	—	—	32	92
50 or more -----	—	—	—	—	—	—	—	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath -----	49	24	18	8	30	26	43	38	16	34	13	43
1 complete bathroom -----	859	1 599	718	531	976	872	1 565	967	1 023	405	768	1 250
1 complete bathroom plus half bath(s) -----	277	607	259	293	54	141	203	144	254	167	305	239
2 or more complete bathrooms -----	124	526	161	231	57	168	242	174	164	229	179	265
AIR CONDITIONING												
None -----	915	1 966	964	906	982	1 076	1 815	902	1 287	726	936	1 722
Central system -----	117	250	64	41	13	65	53	118	41	30	64	23
1 or more individual room units -----	277	540	128	116	122	66	185	303	129	79	265	52
Occupied housing units -----	1 250	2 691	1 054	1 022	958	1 149	1 912	1 197	1 389	789	1 232	1 436
No telephone -----	120	27	51	17	156	75	79	116	103	20	8	115
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	293	360	223	119	193	174	332	209	249	146	201	368
1975 to 1978 -----	328	709	345	308	162	302	495	344	567	279	316	476
1970 to 1974 -----	231	393	170	264	203	263	371	171	281	166	192	291
1960 to 1969 -----	184	651	156	154	185	244	353	192	200	114	216	188
1959 or earlier -----	214	578	160	177	215	166	361	281	92	84	307	113
HOUSE HEATING FUEL												
Utility gas -----	569	1 699	638	133	223	380	1 169	688	400	259	896	969
Bottled, tank, or LP gas -----	119	38	102	179	167	105	161	78	236	163	49	134
Electricity -----	163	43	46	20	139	60	55	104	164	54	105	170
Fuel oil, kerosene, etc -----	308	848	220	605	400	492	412	212	461	273	177	75
Coal or coke -----	—	—	—	—	—	20	—	2	—	—	—	—
Wood -----	89	63	46	85	21	92	115	107	128	40	5	77
Other fuel -----	2	—	2	—	8	—	—	2	—	—	—	11
No fuel used -----	—	—	—	—	—	—	—	4	—	—	—	—
VEHICLES AVAILABLE												
None -----	46	102	40	25	131	28	72	114	7	31	54	70
1 -----	407	659	376	219	441	286	588	402	301	162	434	599
2 -----	554	1 190	410	420	264	453	799	398	647	350	442	551
3 or more -----	243	740	228	358	122	382	453	283	434	246	302	216
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	229	357	252	136	335	177	291	336	118	112	208	454
Owner-occupied housing units -----	205	326	232	127	286	157	245	285	118	108	192	404
Lacking complete plumbing for exclusive use -----	13	4	9	5	6	4	12	15	6	1	2	—
No complete kitchen facilities -----	8	6	—	—	4	—	—	11	—	—	—	—
No vehicle available -----	32	97	33	—	78	11	41	79	—	20	38	41
No telephone -----	26	8	8	8	41	7	12	21	22	3	—	28
Lacking central heating system -----	51	41	45	28	131	19	43	50	26	15	7	93
Lacking air conditioning -----	181	276	204	111	273	160	262	239	86	96	146	433
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	726	2 017	523	607	253	579	1 255	628	819	453	734	1 032
With a mortgage -----	434	1 305	293	403	135	338	731	292	626	332	390	384
Less than \$100 -----	—	—	—	—	5	—	6	9	—	—	—	—
\$100 to \$199 -----	13	71	21	23	18	14	83	17	11	2	17	23
\$200 to \$299 -----	125	334	44	57	39	119	290	126	146	37	90	121
\$300 to \$399 -----	187	423	73	164	67	93	223	96	272	90	130	153
\$400 to \$599 -----	99	398	105	140	6	93	129	44	180	150	118	82
\$600 or more -----	10	79	50	19	—	19	—	—	17	53	35	5
Median -----	\$337	\$357	\$411	\$381	\$306	\$331	\$296	\$296	\$351	\$440	\$371	\$329
Not mortgaged -----	292	712	230	204	118	241	524	336	193	121	344	648
Median -----	\$136	\$153	\$167	\$142	\$141	\$140	\$134	\$132	\$142	\$160	\$147	\$124
GROSS RENT												
Specified renter-occupied housing units -----	228	246	102	48	184	118	249	229	127	49	148	196
Less than \$80 -----	—	—	—	—	—	12	5	5	—	—	—	13
\$80 to \$99 -----	—	—	—	—	3	6	—	—	7	—	9	13
\$100 to \$149 -----	15	10	4	3	26	14	26	28	7	3	6	26
\$150 to \$199 -----	57	23	21	9	33	27	36	67	—	3	30	78
\$200 to \$299 -----	123	118	37	29	86	30	115	90	50	9	69	31
\$300 to \$399 -----	24	54	21	7	7	13	15	11	7	22	14	24
\$400 or more -----	4	12	10	—	12	8	—	7	17	—	5	11
No cash rent -----	5	29	9	—	17	8	52	21	24	10	15	—
Median -----	\$224	\$256	\$260	\$279	\$229	\$193	\$220	\$204	\$263	\$314	\$231	\$171
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$15 693	\$22 398	\$17 787	\$23 634	\$10 769	\$17 258	\$17 000	\$12 703	\$22 784	\$23 212	\$20 115	\$10 966
Owner-occupied housing units -----	\$17 479	\$23 484	\$19 068	\$24 792	\$12 521	\$17 849	\$17 622	\$14 481	\$23 644	\$24 181	\$21 653	\$12 044
Renter-occupied housing units -----	\$13 189	\$16 012	\$11 645	\$15 885	\$6 791	\$15 045	\$11 771	\$9 648	\$12 989	\$14 583	\$12 411	\$6 140

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Dexter township	Dorr township	Dryden township	Dundee township	East Bay township	East China township	Easton township	Eaton township	Eaton Rapids township	Egelston township	Elba township, Lapeer County	Elkland township
Year-round housing units -----	1 311	1 414	949	1 877	2 417	1 106	776	1 048	886	2 480	1 332	1 256
Complete kitchen facilities -----	1 300	1 390	944	1 801	2 367	1 100	776	1 030	872	2 445	1 296	1 250
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	108	46	88	50	214	32	3	69	40	90	47	11
1975 to 1978 -----	186	100	109	110	691	165	36	190	143	281	77	115
1970 to 1974 -----	166	510	146	250	428	166	54	265	190	392	157	122
1960 to 1969 -----	176	203	162	178	335	231	110	226	131	395	320	167
1940 to 1959 -----	368	210	136	561	515	306	144	85	121	881	396	274
1939 or earlier -----	307	345	308	728	234	206	429	213	261	441	335	567
HEATING EQUIPMENT												
Steam or hot water system -----	159	77	201	329	168	334	41	46	42	92	221	211
Central warm-air furnace -----	753	1 168	472	1 060	1 551	545	558	876	667	1 794	880	730
Electric heat pump -----	144	6	6	36	13	11	—	—	—	13	17	5
Other built-in electric units -----	97	37	81	65	48	90	26	40	41	53	15	90
Other means or none -----	158	132	189	387	637	126	151	86	132	541	199	220
BEDROOMS												
None -----	—	—	—	36	53	8	—	—	—	—	10	6
1 -----	70	39	45	163	129	115	23	24	28	133	79	105
2 -----	320	263	179	538	694	357	291	230	206	1 101	300	326
3 -----	621	761	480	787	1 239	500	327	566	476	1 038	694	564
4 -----	240	298	188	281	275	103	107	195	147	181	205	206
5 or more -----	60	53	57	72	27	23	28	33	29	27	44	49
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 272	1 377	883	1 479	2 093	1 014	748	1 031	849	2 387	1 297	1 112
2 to 4 -----	39	37	61	236	140	29	28	17	30	83	31	104
5 to 9 -----	—	—	5	41	52	18	—	—	—	10	—	40
10 to 49 -----	—	—	—	73	132	43	—	—	7	—	4	—
50 or more -----	—	—	—	48	—	2	—	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath -----	48	38	22	84	44	16	18	17	19	65	35	24
1 complete bathroom -----	609	797	480	1 236	1 559	600	646	662	456	1 910	865	728
1 complete bathroom plus half bath(s) -----	281	336	236	273	344	287	49	177	225	291	260	264
2 or more complete bathrooms -----	373	243	211	284	470	203	63	192	186	214	172	240
AIR CONDITIONING												
None -----	935	1 180	811	1 234	2 302	841	591	841	726	2 197	1 118	1 043
Central system -----	216	32	25	148	32	70	44	83	46	41	66	32
1 or more individual room units -----	160	202	113	495	83	195	141	124	114	242	148	181
Occupied housing units	1 256	1 380	908	1 794	2 143	1 061	743	1 008	849	2 370	1 268	1 206
No telephone -----	10	23	40	116	59	39	43	61	21	86	53	36
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	250	192	226	324	672	190	79	247	134	379	129	183
1975 to 1978 -----	414	481	275	498	791	320	150	340	282	694	379	335
1970 to 1974 -----	212	348	142	350	333	233	119	167	190	431	263	198
1960 to 1969 -----	149	174	138	238	192	200	163	152	113	414	258	269
1959 or earlier -----	231	185	127	384	155	118	232	102	130	452	239	221
HOUSE HEATING FUEL												
Utility gas -----	156	757	277	869	680	880	242	418	141	1 860	686	564
Bottled, tank, or LP gas -----	147	82	106	327	279	19	61	160	118	114	110	45
Electricity -----	255	37	89	131	112	99	34	40	51	74	27	100
Fuel oil, kerosene, etc. -----	663	439	368	386	827	55	322	359	479	261	423	475
Coal or coke -----	—	18	—	16	—	—	15	—	—	—	—	2
Wood -----	35	47	68	58	245	8	69	31	58	54	22	20
Other fuel -----	—	—	—	7	—	—	—	—	2	—	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	7	—	—
VEHICLES AVAILABLE												
None -----	28	34	41	122	50	50	39	35	11	49	40	66
1 -----	239	269	205	498	589	404	186	156	159	800	275	457
2 -----	588	739	405	714	919	424	278	537	376	904	610	474
3 or more -----	401	338	257	460	585	183	240	280	303	617	343	209
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	161	117	134	345	208	266	159	123	130	353	168	298
Owner-occupied housing units -----	152	108	122	292	201	243	144	108	113	329	168	274
Lacking complete plumbing for exclusive use -----	18	5	6	29	17	2	7	5	2	9	10	—
No complete kitchen facilities -----	6	5	—	20	8	2	—	—	4	—	—	—
No vehicle available -----	28	21	19	65	7	29	28	27	6	38	23	50
No telephone -----	—	—	11	15	11	5	14	5	4	15	7	2
Lacking central heating system -----	22	21	29	43	43	30	31	18	29	58	44	43
Lacking air conditioning -----	130	95	121	218	208	209	96	103	107	328	144	251
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	858	869	465	954	1 408	813	391	599	437	1 447	790	711
With a mortgage -----	575	684	308	575	1 119	479	174	495	318	858	512	353
Less than \$100 -----	—	—	—	—	—	—	—	—	—	15	—	3
\$100 to \$199 -----	5	9	13	5	46	14	29	5	11	145	7	22
\$200 to \$299 -----	19	213	39	105	207	92	71	65	42	337	160	89
\$300 to \$399 -----	103	340	100	197	392	168	52	201	93	280	165	111
\$400 to \$599 -----	243	104	129	222	424	159	17	153	133	81	148	106
\$600 or more -----	205	18	27	46	50	46	5	71	39	—	32	22
Median -----	\$525	\$328	\$402	\$392	\$380	\$380	\$288	\$390	\$415	\$269	\$357	\$352
Not mortgaged -----	283	185	157	379	289	334	217	104	119	589	278	358
Median -----	\$197	\$155	\$166	\$180	\$146	\$146	\$133	\$175	\$169	\$120	\$155	\$157
GROSS RENT												
Specified renter-occupied housing units -----	147	85	72	440	392	149	87	52	52	294	132	201
Less than \$80 -----	—	—	—	—	—	—	—	—	—	—	—	—
\$80 to \$99 -----	—	—	—	—	—	—	—	—	—	6	—	3
\$100 to \$149 -----	—	8	16	23	—	6	—	—	1	21	—	22
\$150 to \$199 -----	—	7	10	94	16	17	16	5	9	41	16	55
\$200 to \$299 -----	36	17	26	171	152	87	41	33	16	185	55	88
\$300 to \$399 -----	45	25	12	69	113	19	13	9	14	20	27	17
\$400 or more -----	47	—	3	56	80	2	—	—	10	5	13	—
No cash rent -----	19	28	5	27	31	18	17	5	2	16	21	16
Median -----	\$381	\$264	\$227	\$240	\$309	\$260	\$232	\$242	\$297	\$235	\$284	\$208
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$25 096	\$21 931	\$24 125	\$20 273	\$18 600	\$20 828	\$18 580	\$25 082	\$23 655	\$16 437	\$22 203	\$17 148
Owner-occupied housing units -----	\$26 946	\$22 662	\$25 671	\$22 146	\$20 126	\$22 133	\$19 803	\$25 625	\$24 242	\$16 951	\$23 649	\$18 516
Renter-occupied housing units -----	\$16 094	\$16 700	\$14 375	\$14 095	\$13 409	\$13 990	\$14 018	\$17 829	\$15 357	\$11 811	\$12 440	\$13 148

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Elmwood township, Leelanau County	Erie township	Esconoboc township	Exeter township	Fobius township	Fayette township	Flushing township	Forest township, Genesee County	Forsyth township	Fort Gratiot township	Frankenlust township	Fraser township
Year-round housing units -----	1 233	1 510	1 054	1 021	1 190	1 211	2 889	1 304	3 264	3 002	991	1 261
Complete kitchen facilities -----	1 211	1 492	983	996	1 184	1 160	2 852	1 277	3 254	2 975	979	1 257
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	59	34	79	26	40	25	195	58	44	95	64	28
1975 to 1978 -----	156	112	202	49	146	124	348	186	353	386	155	211
1970 to 1974 -----	260	167	205	151	263	99	748	210	478	317	280	233
1960 to 1969 -----	290	165	225	119	183	159	795	186	1 042	554	121	169
1940 to 1959 -----	308	502	207	259	263	267	494	345	823	1 202	171	398
1939 or earlier -----	160	530	141	417	295	537	309	319	524	448	200	228
HEATING EQUIPMENT												
Steam or hot water system -----	146	197	178	118	72	118	269	214	229	487	140	184
Central warm-air furnace -----	830	1 001	184	657	742	933	2 373	918	2 499	2 043	681	676
Electric heat pump -----	7	17	5	19	8	3	—	—	24	44	73	9
Other built-in electric units -----	95	59	34	76	204	34	70	23	228	106	53	67
Other means or none -----	155	236	653	151	164	123	177	149	284	322	44	331
BEDROOMS												
None -----	9	25	6	1	—	36	—	1	10	—	68	17
1 -----	92	120	98	33	113	122	52	58	232	198	92	64
2 -----	363	463	299	186	381	388	654	315	1 102	914	325	367
3 -----	630	685	474	556	522	434	1 625	725	1 549	1 381	330	692
4 -----	83	180	139	176	147	182	487	171	348	437	133	99
5 or more -----	56	37	38	69	27	49	71	34	28	72	43	28
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 109	1 404	995	957	1 160	1 046	2 788	1 236	2 616	2 660	694	1 204
2 to 4 -----	36	82	26	60	19	83	31	63	445	67	125	47
5 to 9 -----	28	24	33	4	—	23	—	—	132	35	112	16
10 to 49 -----	60	—	—	—	—	53	57	4	71	240	52	—
50 or more -----	—	—	—	—	—	6	13	1	—	—	8	—
BATHROOMS												
No bathroom or only a half bath -----	17	24	43	71	6	67	23	32	47	52	16	40
1 complete bathroom -----	642	1 036	684	684	699	820	1 318	734	1 927	1 750	548	797
1 complete bathroom plus half bath(s) -----	274	256	180	132	266	163	866	357	1 022	562	184	272
2 or more complete bathrooms -----	300	194	147	134	219	161	682	181	268	638	243	158
AIR CONDITIONING												
None -----	1 161	1 036	994	743	807	954	2 016	1 066	3 163	2 205	513	1 099
Central system -----	25	137	17	87	155	76	321	71	11	303	388	50
1 or more individual room units -----	47	337	43	191	228	181	552	167	494	494	90	118
Occupied housing units -----	1 061	1 451	934	958	1 112	1 109	2 804	1 259	3 088	2 820	893	1 214
No telephone -----	25	55	17	51	27	72	121	41	121	63	16	58
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	199	151	194	70	223	247	448	166	1 097	609	215	188
1975 to 1978 -----	337	411	356	233	285	337	688	376	1 209	789	236	382
1970 to 1974 -----	121	310	138	189	265	147	711	239	330	425	99	227
1960 to 1969 -----	220	290	147	167	159	217	636	228	225	463	124	172
1959 or earlier -----	184	289	99	299	180	172	321	250	227	534	219	245
HOUSE HEATING FUEL												
Utility gas -----	619	481	329	323	197	661	1 927	479	1 011	2 134	397	488
Bottled, tank, or LP gas -----	97	304	146	312	129	74	84	115	260	57	55	139
Electricity -----	58	87	39	88	245	45	70	30	234	220	263	80
Fuel oil, kerosene, etc. -----	192	541	363	199	480	309	680	578	1 526	356	165	390
Coal or coke -----	—	8	—	6	—	—	—	14	—	—	6	—
Wood -----	95	30	57	25	61	20	43	36	57	45	5	117
Other fuel -----	—	—	—	—	—	—	—	—	—	8	—	—
No fuel used -----	—	—	—	5	—	—	—	7	—	—	2	—
VEHICLES AVAILABLE												
None -----	13	29	22	23	32	83	57	32	90	57	38	50
1 -----	309	398	193	247	406	423	601	321	1 410	838	301	413
2 -----	503	601	509	369	415	418	1 268	500	1 216	1 318	355	499
3 or more -----	236	423	210	319	259	185	878	406	372	607	199	252
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	209	184	126	204	203	228	234	172	212	463	158	157
Owner-occupied housing units -----	187	168	126	191	173	187	228	162	180	390	144	148
Lacking complete plumbing for exclusive use -----	—	—	8	15	6	7	—	2	19	13	5	5
No complete kitchen facilities -----	—	—	8	14	6	4	—	5	—	6	3	—
No vehicle available -----	5	10	16	19	26	53	32	21	26	57	32	29
No telephone -----	—	5	—	16	12	6	7	14	3	14	5	—
Lacking central heating system -----	32	10	59	14	27	30	42	19	8	43	16	45
Lacking air conditioning -----	182	127	107	186	121	165	177	140	204	313	110	144
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	633	1 042	520	530	663	644	1 922	728	884	2 014	395	829
With a mortgage -----	343	620	395	322	375	419	1 409	483	559	1 405	221	565
Less than \$100 -----	—	—	—	—	—	—	—	—	—	7	—	—
\$100 to \$199 -----	22	15	—	13	7	23	—	4	21	31	4	25
\$200 to \$299 -----	60	141	94	51	72	113	165	90	158	275	44	185
\$300 to \$399 -----	105	160	147	128	143	159	606	179	375	59	59	154
\$400 to \$599 -----	105	240	120	119	126	97	555	125	169	470	77	159
\$600 or more -----	51	64	34	11	27	27	83	36	32	247	37	42
Median -----	\$388	\$397	\$377	\$377	\$377	\$335	\$389	\$356	\$362	\$405	\$408	\$350
Not mortgaged -----	290	422	125	208	288	225	513	245	325	609	174	264
Median -----	\$146	\$164	\$134	\$170	\$160	\$144	\$194	\$180	\$127	\$167	\$180	\$155
GROSS RENT												
Specified renter-occupied housing units -----	176	199	77	69	155	220	131	100	1 601	492	166	128
Less than \$80 -----	—	—	—	4	—	—	—	—	9	—	—	—
\$80 to \$99 -----	—	—	—	—	—	4	—	—	10	—	—	—
\$100 to \$149 -----	—	6	—	4	13	60	10	1	38	—	5	16
\$150 to \$199 -----	13	40	27	12	7	54	11	6	147	36	4	26
\$200 to \$299 -----	81	86	39	31	74	44	87	56	515	158	79	37
\$300 to \$399 -----	33	51	6	7	33	35	7	15	67	191	52	27
\$400 or more -----	26	9	—	11	19	2	10	8	60	10	—	—
No cash rent -----	23	7	5	—	9	21	6	14	814	38	16	22
Median -----	\$290	\$257	\$213	\$240	\$263	\$180	\$259	\$260	\$229	\$309	\$290	\$209
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$18 177	\$22 821	\$18 824	\$21 654	\$18 385	\$17 699	\$27 847	\$23 050	\$13 085	\$22 988	\$22 930	\$20 642
Owner-occupied housing units -----	\$20 122	\$24 684	\$19 362	\$22 475	\$18 889	\$20 153	\$28 341	\$23 531	\$16 716	\$24 566	\$25 781	\$21 515
Renter-occupied housing units -----	\$12 500	\$12 865	\$17 619	\$14 954	\$16 875	\$8 667	\$18 875	\$15 938	\$11 769	\$16 884	\$14 187	\$9 861

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Fremont township, Tuscaloosa County	Fruitland township	Gaines township, Genesee County	Garfield township, Grand Traverse County	Geneva township, Van Buren County	Genoa township	Grand Haven township	Grand Rapids township	Grass Lake township	Grattan township	Grayling township	Green township, Mecosta County
Year-round housing units -----	962	1 474	1 544	3 442	1 105	3 193	2 352	2 979	1 204	865	2 347	1 051
Complete kitchen facilities -----	934	1 468	1 530	3 414	1 082	3 170	2 334	2 946	1 200	863	2 227	1 017
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	24	40	92	496	64	174	119	127	6	41	61	28
1975 to 1978 -----	152	140	283	726	97	569	263	337	104	69	567	125
1970 to 1974 -----	125	256	321	764	220	884	486	451	178	118	681	299
1960 to 1969 -----	122	308	271	739	214	604	532	768	166	179	536	252
1940 to 1959 -----	121	430	260	471	136	545	708	979	316	207	381	130
1939 or earlier -----	418	300	617	246	374	417	244	317	434	251	121	217
HEATING EQUIPMENT												
Steam or hot water system -----	90	215	137	589	50	391	264	230	208	105	248	98
Central warm-air furnace -----	572	797	1 137	2 536	707	2 346	1 816	2 518	842	484	1 172	694
Electric heat pump -----	3	7	13	32	32	18	11	3	3	—	15	5
Other built-in electric units -----	69	75	31	94	48	104	39	83	33	37	110	34
Other means or none -----	228	380	226	191	268	334	221	137	118	239	802	220
BEDROOMS												
None -----	13	—	2	14	17	7	—	14	—	8	64	15
1 -----	76	74	58	346	62	148	121	141	76	57	256	71
2 -----	262	415	242	1 390	376	961	525	621	303	270	958	391
3 -----	436	687	952	1 333	449	1 397	1 187	1 481	579	348	882	402
4 -----	116	224	237	290	139	599	400	598	176	135	158	152
5 or more -----	59	74	53	69	62	81	119	124	70	47	29	20
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	899	1 414	1 476	2 971	1 002	3 056	2 231	2 781	1 112	842	2 241	988
2 to 4 -----	45	53	46	106	11	36	100	70	85	18	31	55
5 to 9 -----	18	7	22	164	—	87	21	—	5	5	—	—
10 to 49 -----	—	—	—	135	65	14	—	17	2	—	75	8
50 or more -----	—	—	—	66	27	—	—	111	—	—	—	—
BATHROOMS												
No bathroom or only a half bath -----	50	11	32	16	27	61	28	—	26	28	157	42
1 complete bathroom -----	675	845	696	2 098	833	1 502	1 119	1 157	722	547	1 580	760
1 complete bathroom plus half bath(s) -----	105	303	496	649	114	643	671	748	283	135	377	135
2 or more complete bathrooms -----	132	315	320	679	131	987	534	1 074	173	155	233	114
AIR CONDITIONING												
None -----	802	1 398	1 205	2 987	929	2 263	2 109	2 011	993	742	2 245	978
Central system -----	14	37	145	152	68	448	93	422	39	33	19	18
1 or more individual room units -----	146	39	194	303	108	482	150	546	172	90	83	55
Occupied housing units	915	1 327	1 486	3 181	981	2 996	2 281	2 898	1 155	829	1 384	959
No telephone -----	56	65	15	88	110	71	49	13	4	25	80	28
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	177	286	181	971	175	551	341	389	148	160	243	241
1975 to 1978 -----	249	276	500	1 067	255	1 176	628	812	347	259	551	323
1970 to 1974 -----	184	253	368	557	176	720	460	496	196	168	347	148
1960 to 1969 -----	139	244	251	348	188	379	458	745	278	131	182	115
1959 or earlier -----	166	268	186	238	187	170	394	456	186	111	61	132
HOUSE HEATING FUEL												
Utility gas -----	291	353	755	2 620	136	2 129	1 715	2 435	540	9	494	517
Bottled, tank, or LP gas -----	194	127	108	65	141	147	117	23	107	186	486	120
Electricity -----	70	89	48	126	83	114	58	100	36	39	103	32
Fuel oil, kerosene, etc. -----	254	628	537	296	582	538	307	281	427	511	144	193
Coal or coke -----	7	—	—	—	—	—	—	—	—	—	—	—
Wood -----	99	130	38	74	39	68	84	59	45	84	157	97
Other fuel -----	—	—	—	—	—	—	—	—	—	—	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	28	18	46	104	8	55	13	113	24	8	50	25
1 -----	294	307	273	1 347	355	808	372	639	332	195	504	315
2 -----	391	643	672	1 220	409	1 322	1 186	1 403	458	395	560	428
3 or more -----	202	359	495	510	209	811	710	743	341	231	270	191
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	172	197	137	549	172	402	311	550	192	133	316	135
Owner-occupied housing units -----	144	180	126	484	153	371	290	418	183	127	279	127
Lacking complete plumbing for exclusive use -----	2	—	12	5	—	—	9	—	—	2	6	6
No complete kitchen facilities -----	—	—	—	10	—	—	—	23	—	—	7	—
No vehicle available -----	15	13	36	54	8	38	13	109	7	2	50	12
No telephone -----	—	18	3	—	15	4	18	9	—	—	17	3
Lacking central heating system -----	30	30	18	15	41	20	48	13	20	35	94	37
Lacking air conditioning -----	150	185	93	472	147	251	300	320	147	116	310	127
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	470	778	1 013	1 496	305	1 830	1 803	2 363	670	535	924	387
With a mortgage -----	291	488	781	1 061	110	1 445	1 202	1 644	407	380	479	231
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	5	—
\$100 to \$199 -----	27	42	13	30	—	28	30	46	10	14	40	9
\$200 to \$299 -----	68	131	41	113	27	129	333	375	84	86	120	40
\$300 to \$399 -----	93	170	310	338	64	328	351	427	203	115	212	105
\$400 to \$599 -----	92	117	373	478	12	521	371	566	104	121	102	64
\$600 or more -----	11	28	44	102	7	439	117	230	6	44	—	13
Median -----	\$364	\$337	\$408	\$415	\$336	\$483	\$373	\$394	\$340	\$375	\$344	\$366
Not mortgaged -----	179	290	232	435	195	385	601	719	263	155	445	156
Median -----	\$155	\$156	\$196	\$141	\$141	\$165	\$158	\$157	\$148	\$163	\$146	\$131
GROSS RENT												
Specified renter-occupied housing units -----	100	179	88	719	99	272	183	259	158	49	162	165
Less than \$80 -----	—	—	—	20	—	—	—	—	—	—	—	—
\$80 to \$99 -----	2	—	—	33	9	—	—	—	—	—	—	—
\$100 to \$149 -----	3	—	—	31	5	19	9	—	10	3	—	3
\$150 to \$199 -----	20	10	15	57	17	42	11	22	11	3	42	34
\$200 to \$299 -----	45	50	45	256	30	79	106	44	74	20	47	93
\$300 to \$399 -----	14	75	19	240	27	77	14	18	29	10	40	22
\$400 or more -----	2	27	—	47	—	36	26	141	4	—	6	6
No cash rent -----	14	17	9	35	11	19	17	34	22	9	33	7
Median -----	\$236	\$323	\$254	\$277	\$245	\$288	\$266	\$500+	\$268	\$262	\$260	\$235
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$18 467	\$19 265	\$26 905	\$17 467	\$14 386	\$25 422	\$22 996	\$26 402	\$20 845	\$20 712	\$12 785	\$15 342
Owner-occupied housing units -----	\$20 069	\$20 689	\$27 807	\$19 796	\$16 382	\$26 479	\$24 080	\$27 109	\$22 109	\$21 750	\$12 979	\$16 231
Renter-occupied housing units -----	\$11 316	\$15 083	\$16 579	\$12 209	\$8 794	\$16 014	\$13 182	\$16 202	\$14 688	\$15 750	\$11 161	\$10 583

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Green Lake township	Grosse Ile township	Grosse Pointe township	Groveland township	Gunplain township	Hodley township	Hager township	Hamlin township, Mason County	Hondy township	Honover township, Jackson County	Haring township	Hartford township
Year-round housing units	1 387	3 111	1 007	1 287	1 486	976	1 881	1 677	1 657	1 214	858	907
Complete kitchen facilities	1 367	3 092	1 007	1 267	1 465	969	1 847	1 608	1 601	1 196	829	895
YEAR STRUCTURE BUILT												
1979 to March 1980	115	120	25	110	39	27	31	47	127	57	30	11
1975 to 1978	288	247	72	285	215	177	104	248	173	147	189	118
1970 to 1974	269	313	88	329	296	225	193	254	354	256	238	181
1960 to 1969	298	699	324	189	321	193	438	321	146	261	169	157
1940 to 1959	317	1 158	392	187	342	92	536	542	247	117	131	157
1939 or earlier	100	574	106	187	273	262	579	265	610	376	101	283
HEATING EQUIPMENT												
Steam or hot water system	73	612	121	198	152	182	167	180	99	189	113	47
Central warm-air furnace	779	2 433	874	779	1 124	530	825	935	978	803	542	435
Electric heat pump	7	—	—	16	—	12	81	8	17	6	2	6
Other built-in electric units	71	17	—	91	40	74	536	81	265	71	28	142
Other means or none	457	49	12	203	170	178	272	473	298	145	173	277
BEDROOMS												
None	4	—	—	—	12	—	39	3	16	10	5	—
1	184	127	15	83	45	35	172	104	95	48	51	77
2	550	609	72	295	347	126	771	717	580	320	234	367
3	548	1 265	365	628	759	562	597	608	672	596	487	294
4	94	967	306	254	267	200	221	188	247	186	67	131
5 or more	7	143	249	27	56	53	81	57	47	54	14	38
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 299	2 843	988	1 205	1 449	939	1 480	1 630	1 379	1 145	840	859
2 to 4	37	46	14	24	26	37	276	30	120	66	10	19
5 to 9	27	140	5	37	11	—	13	9	47	3	6	—
10 to 49	24	75	—	21	—	—	101	8	111	—	2	29
50 or more	—	7	—	—	—	—	11	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath	37	11	—	15	27	18	39	35	23	32	20	13
1 complete bathroom	1 018	715	46	466	874	382	1 353	1 098	1 165	722	523	630
1 complete bathroom plus half bath(s)	174	810	82	354	239	307	282	279	269	183	176	160
2 or more complete bathrooms	158	1 575	879	452	346	269	207	265	200	277	139	104
AIR CONDITIONING												
None	1 340	1 535	198	928	1 079	838	1 331	1 569	1 294	948	815	653
Central system	11	981	722	105	135	39	185	89	102	100	12	50
1 or more individual room units	36	595	87	254	272	99	365	19	261	166	31	204
Occupied housing units	966	2 976	974	1 238	1 412	947	1 700	943	1 580	1 182	805	857
No telephone	31	9	—	34	35	21	96	32	146	31	24	55
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	254	329	97	231	234	87	470	181	408	203	156	158
1975 to 1978	366	914	241	488	369	349	474	318	520	400	273	242
1970 to 1974	182	620	202	264	282	215	221	166	221	166	166	156
1960 to 1969	86	613	285	135	245	132	278	157	232	217	116	158
1959 or earlier	78	500	149	120	282	164	257	121	199	141	94	143
HOUSE HEATING FUEL												
Utility gas	363	2 578	957	340	834	122	238	473	872	642	415	179
Bottled, tank, or LP gas	134	13	—	95	54	76	87	117	22	126	74	118
Electricity	61	25	5	91	30	92	615	43	301	99	30	144
Fuel oil, kerosene, etc.	241	360	12	612	412	514	716	234	311	242	207	352
Coal or coke	—	—	—	—	—	13	—	—	—	6	—	—
Wood	167	—	—	100	82	130	39	76	67	67	79	58
Other fuel	—	—	—	—	—	—	5	—	7	—	—	6
No fuel used	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None	19	46	10	6	17	25	99	25	130	39	15	12
1	370	590	167	242	441	84	591	327	580	279	263	266
2	433	1 670	577	630	525	404	658	403	544	520	358	337
3 or more	144	670	220	360	429	434	352	188	326	344	169	242
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	172	354	246	100	216	108	282	214	347	216	113	145
Owner-occupied housing units	165	331	240	87	188	92	228	194	278	183	109	130
Lacking complete plumbing for exclusive use	7	—	—	15	11	7	—	4	9	8	—	—
No complete kitchen facilities	—	6	—	20	10	—	—	—	11	6	—	—
No vehicle available	13	36	10	6	—	13	54	17	97	28	11	7
No telephone	9	—	—	5	—	—	—	—	34	—	2	5
Lacking central heating system	46	—	6	21	37	13	48	25	65	39	22	28
Lacking air conditioning	170	173	78	65	178	103	229	212	278	160	111	110
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	605	2 490	891	617	849	517	897	550	845	678	496	325
With a mortgage	384	1 839	540	485	588	386	527	295	491	476	344	207
Less than \$100	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199	17	12	—	—	20	5	7	17	13	13	12	20
\$200 to \$299	103	22	—	31	137	35	139	100	84	107	92	92
\$300 to \$399	133	231	—	94	134	135	219	107	127	212	101	73
\$400 to \$599	111	608	47	228	193	150	150	52	212	141	104	21
\$600 or more	20	966	493	132	104	61	40	19	35	26	20	1
Median	\$359	\$614	\$985	\$478	\$402	\$414	\$347	\$324	\$401	\$363	\$354	\$290
Not mortgaged	221	651	351	132	261	131	370	255	354	202	152	118
Median	\$144	\$280	\$400+	\$213	\$134	\$180	\$128	\$137	\$158	\$155	\$135	\$134
GROSS RENT												
Specified renter-occupied housing units	148	249	29	78	134	50	499	82	323	127	65	94
Less than \$80	3	—	—	—	—	—	—	—	10	—	—	—
\$80 to \$99	—	—	—	—	—	—	—	—	—	—	2	—
\$100 to \$149	7	—	14	—	6	4	—	9	6	—	11	—
\$150 to \$199	30	6	—	17	6	—	45	23	37	16	12	10
\$200 to \$299	71	68	—	66	62	—	327	25	109	81	33	56
\$300 to \$399	20	90	—	32	9	—	93	9	106	—	—	17
\$400 or more	9	70	—	—	—	—	18	3	9	—	—	—
No cash rent	8	15	—	12	17	—	26	13	23	30	2	11
Median	\$235	\$344	\$304	\$244	\$230	\$311	\$255	\$208	\$281	\$241	\$213	\$261
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$16 132	\$36 386	\$62 155	\$25 244	\$19 144	\$28 012	\$16 022	\$18 186	\$15 907	\$20 321	\$16 300	\$16 073
Owner-occupied housing units	\$16 750	\$37 732	\$62 914	\$26 118	\$20 257	\$29 078	\$20 349	\$19 046	\$18 989	\$21 361	\$16 698	\$16 747
Renter-occupied housing units	\$13 750	\$17 188	\$20 781	\$13 036	\$11 333	\$10 417	\$10 839	\$10 865	\$10 506	\$14 318	\$12 045	\$11 620

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Hartland township	Hastings township	Hayes township, Clare County	Henrietta township	Holly township	Home township, Montcalm County	Homer township, Colihoun County	Homer township, Midland County	Hope township, Barry County	Howard township	Howell township	Huron township, Wayne County
Year-round housing units -----	1 833	885	1 921	1 321	2 958	966	1 063	1 471	1 251	2 343	1 188	3 276
Complete kitchen facilities -----	1 822	860	1 785	1 287	2 920	931	1 033	1 465	1 206	2 326	1 188	3 246
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	166	14	40	22	147	17	61	41	39	75	55	276
1975 to 1978 -----	385	77	215	102	290	72	86	188	92	240	187	335
1970 to 1974 -----	503	156	418	199	521	131	121	155	168	231	286	567
1960 to 1969 -----	247	202	679	181	656	102	97	333	278	612	280	318
1940 to 1959 -----	260	183	494	384	539	255	156	482	312	805	133	1 028
1939 or earlier -----	272	253	75	433	805	389	542	272	363	380	247	752
HEATING EQUIPMENT												
Steam or hot water system -----	194	29	83	46	334	121	51	141	72	128	103	533
Central warm-air furnace -----	1 333	559	814	971	2 228	502	724	1 116	610	1 474	843	2 424
Electric heat pump -----	48	9	14	9	27	6	8	8	19	8	8	—
Other built-in electric units -----	106	89	64	41	95	40	66	29	39	216	122	44
Other means or none -----	152	199	946	254	274	297	214	185	522	506	112	275
BEDROOMS												
None -----	23	17	52	6	7	21	—	—	17	12	—	16
1 -----	42	70	310	76	248	74	66	94	155	170	11	162
2 -----	213	273	1 106	474	817	324	366	376	541	819	196	1 044
3 -----	993	366	380	645	1 443	980	458	783	361	1 048	686	1 585
4 -----	481	110	51	74	350	129	124	172	147	224	223	387
5 or more -----	81	49	22	46	93	38	49	46	30	70	72	82
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 768	858	1 880	1 286	2 584	857	882	1 400	1 224	2 264	1 124	3 169
2 to 4 -----	43	11	41	29	177	67	108	52	18	73	64	66
5 to 9 -----	19	11	—	—	36	11	24	10	8	—	—	14
10 to 49 -----	3	5	—	6	161	31	48	—	1	6	—	27
50 or more -----	—	—	—	—	—	—	1	9	—	—	—	—
BATHROOMS												
No bathroom or only a half bath -----	33	30	211	22	24	49	35	33	60	81	13	42
1 complete bathroom -----	669	616	1 532	977	1 904	654	787	888	961	1 516	544	2 113
1 complete bathroom plus half bath(s) -----	389	128	109	173	574	144	161	260	91	408	287	627
2 or more complete bathrooms -----	742	111	69	149	456	119	80	290	139	338	344	494
AIR CONDITIONING												
None -----	1 377	731	1 780	1 054	2 206	822	834	1 206	1 117	1 352	983	2 194
Central system -----	228	25	10	57	269	37	51	29	17	468	82	420
1 or more individual room units -----	228	129	131	210	483	107	178	236	117	523	123	662
Occupied housing units	1 744	825	1 326	1 250	2 784	899	1 002	1 419	908	2 242	1 148	3 167
No telephone -----	57	20	143	90	97	93	121	44	41	102	19	59
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	288	110	282	210	564	177	248	235	164	294	151	540
1975 to 1978 -----	656	242	480	298	831	238	295	433	280	608	367	812
1970 to 1974 -----	409	203	326	287	552	166	139	172	169	394	314	598
1960 to 1969 -----	228	162	187	260	493	140	166	326	176	537	213	467
1959 or earlier -----	163	108	51	195	344	178	154	253	119	409	103	750
HOUSE HEATING FUEL												
Utility gas -----	1 084	179	480	396	1 952	575	492	941	162	1 259	426	2 649
Bottled, tank, or LP gas -----	85	170	476	209	151	91	108	57	198	112	129	138
Electricity -----	149	102	84	46	141	49	76	29	45	281	142	70
Fuel oil, kerosene, etc. -----	372	273	173	528	473	122	283	321	377	496	385	266
Coal or coke -----	—	2	—	—	—	7	6	15	4	—	—	18
Wood -----	54	99	113	71	67	53	35	56	120	94	66	26
Other fuel -----	—	—	—	—	—	2	2	—	2	—	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	27	37	95	55	103	68	72	6	17	133	22	94
1 -----	325	225	504	376	895	332	357	310	290	611	260	946
2 -----	762	361	475	428	1 141	359	452	689	387	1 006	513	1 206
3 or more -----	630	202	252	391	645	140	121	414	214	492	353	921
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	127	149	472	185	468	200	168	178	187	508	156	430
Owner-occupied housing units -----	127	147	432	185	378	176	133	169	163	465	137	394
Lacking complete plumbing for exclusive use -----	—	6	10	—	—	7	9	6	18	—	—	11
No complete kitchen facilities -----	—	2	10	—	—	4	4	—	—	—	—	11
No vehicle available -----	8	14	56	40	57	38	31	6	8	78	16	73
No telephone -----	—	2	44	—	—	4	7	5	32	—	—	6
Lacking central heating system -----	16	25	130	32	36	29	25	30	53	115	7	52
Lacking air conditioning -----	97	132	423	156	355	165	137	142	160	311	137	324
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	1 256	453	875	710	1 772	436	447	955	459	1 508	706	1 955
With a mortgage -----	1 018	283	453	432	1 323	189	237	611	272	872	517	1 106
Less than \$100 -----	—	—	8	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	—	15	120	22	45	21	4	14	28	58	—	21
\$200 to \$299 -----	113	110	150	98	222	62	104	205	72	255	29	217
\$300 to \$399 -----	149	91	113	184	558	46	70	183	90	353	134	334
\$400 to \$599 -----	498	63	62	121	447	48	40	158	64	160	256	382
\$600 or more -----	258	4	—	7	51	12	19	51	18	46	98	152
Median -----	\$488	\$315	\$269	\$361	\$362	\$322	\$313	\$353	\$343	\$332	\$467	\$394
Not mortgaged -----	238	170	422	278	449	247	210	344	187	636	189	849
Median -----	\$182	\$144	\$113	\$159	\$165	\$138	\$158	\$142	\$141	\$139	\$197	\$194
GROSS RENT												
Specified renter-occupied housing units -----	120	66	166	113	526	193	204	141	91	240	76	238
Less than \$80 -----	—	1	10	—	—	—	14	—	—	—	—	—
\$80 to \$99 -----	—	—	—	—	—	9	1	—	5	—	—	—
\$100 to \$149 -----	8	5	8	—	62	28	45	—	3	5	10	—
\$150 to \$199 -----	12	18	17	5	71	28	25	18	11	39	—	5
\$200 to \$299 -----	24	29	88	70	210	84	91	69	35	132	9	28
\$300 to \$399 -----	43	5	24	29	129	24	11	40	25	33	32	96
\$400 or more -----	28	1	6	—	22	—	7	8	3	—	6	46
No cash rent -----	5	7	13	9	32	20	10	14	3	—	19	25
Median -----	\$329	\$217	\$221	\$269	\$261	\$216	\$214	\$232	\$263	\$231	\$318	\$271
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$30 111	\$18 243	\$9 204	\$19 539	\$22 198	\$14 792	\$16 712	\$21 425	\$18 308	\$18 231	\$25 417	\$22 781
Owner-occupied housing units -----	\$30 970	\$19 228	\$9 434	\$21 646	\$24 627	\$16 290	\$19 063	\$22 175	\$19 835	\$19 224	\$25 700	\$23 880
Renter-occupied housing units -----	\$16 250	\$12 321	\$7 727	\$11 141	\$13 466	\$11 477	\$10 492	\$9 483	\$11 406	\$9 886	\$16 964	\$14 063

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Ida township	Indianfields township	Ingersoll township	Ionia township	Ira township	Ishpeming township	Jamestown township	Jefferson township, Hillsdale County	Jerome township	Johnstown township	Kalkaska township	Kawkawin township
Year-round housing units	1 355	2 502	943	1 014	1 685	1 190	1 013	1 136	1 561	1 138	1 340	1 696
Complete kitchen facilities	1 302	2 445	920	1 003	1 632	1 160	995	1 083	1 479	1 122	1 304	1 683
YEAR STRUCTURE BUILT												
1979 to March 1980	74	59	7	18	38	43	42	16	51	44	40	46
1975 to 1978	172	308	156	76	62	184	108	70	195	106	206	203
1970 to 1974	242	326	120	183	388	215	140	162	206	126	306	278
1960 to 1969	223	302	208	180	302	110	143	229	405	226	241	286
1940 to 1959	172	399	183	178	440	341	191	248	512	343	269	477
1939 or earlier	472	1 108	269	379	455	297	389	411	192	293	278	406
HEATING EQUIPMENT												
Steam or hot water system	166	232	155	107	222	249	77	89	177	86	277	198
Central warm-air furnace	946	1 688	586	697	1 039	346	802	717	934	695	666	1 194
Electric heat pump	10	34	4	—	12	37	6	—	15	—	—	—
Other built-in electric units	137	85	16	21	58	112	14	20	47	58	37	37
Other means or none	96	463	182	189	354	446	114	310	388	299	360	267
BEDROOMS												
None	—	23	9	7	43	—	—	26	48	—	5	—
1	35	251	36	53	191	52	30	120	53	74	151	107
2	271	1 005	233	336	768	384	187	451	637	424	411	481
3	739	933	477	448	496	705	534	404	550	515	613	845
4	274	264	141	119	172	44	216	138	189	92	137	213
5 or more	36	26	47	51	15	5	46	24	17	33	23	50
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 276	2 057	898	987	1 534	1 097	994	1 098	1 511	1 118	1 213	1 645
2 to 4	79	263	45	18	55	70	19	19	21	20	66	37
5 to 9	—	55	—	—	29	5	—	19	29	—	23	14
10 to 49	—	13	—	9	67	18	—	—	—	—	38	—
50 or more	—	114	—	—	—	—	—	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath ..	43	87	19	14	67	41	12	45	88	54	34	29
1 complete bathroom	695	1 791	559	732	1 218	750	474	893	1 023	766	921	1 137
1 complete bathroom plus half bath(s) ..	344	394	221	127	226	255	261	99	257	151	205	279
2 or more complete bathrooms	273	230	144	141	174	144	266	99	193	167	180	251
AIR CONDITIONING												
None	999	1 875	760	799	1 347	1 136	923	1 053	1 265	970	1 268	1 364
Central system	132	188	60	54	74	18	46	6	47	29	17	89
1 or more individual room units	224	439	123	161	264	36	44	77	249	139	55	243
Occupied housing units	1 304	2 344	914	965	1 602	1 135	989	1 021	1 420	1 006	1 166	1 581
No telephone	37	140	11	57	72	16	—	37	62	15	93	20
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	201	453	150	161	342	165	173	160	240	165	309	230
1975 to 1978	409	692	295	249	423	272	202	218	477	290	357	470
1970 to 1974	234	391	163	145	317	153	227	253	223	116	220	256
1960 to 1969	218	389	151	174	254	216	160	228	285	205	152	224
1959 or earlier	242	419	155	236	266	329	227	162	195	230	128	401
HOUSE HEATING FUEL												
Utility gas	424	1 642	170	552	1 239	617	283	467	820	212	719	1 032
Bottled, tank, or LP gas	324	180	131	79	99	4	83	226	101	135	167	135
Electricity	146	125	34	25	76	158	29	20	53	51	37	37
Fuel oil, kerosene, etc.	350	322	518	263	167	302	516	275	332	498	196	324
Cool or coke	31	4	—	—	—	—	5	—	—	—	3	—
Wood	23	66	61	46	21	54	78	28	92	110	41	46
Other fuel	—	5	—	—	—	—	—	—	13	—	—	7
No fuel used	6	—	—	—	—	—	—	—	9	—	3	—
VEHICLES AVAILABLE												
None	63	232	30	47	57	72	15	47	45	25	84	104
1	299	1 032	188	309	688	284	238	305	387	289	431	455
2	578	833	463	376	618	529	441	504	588	421	494	564
3 or more	364	247	233	233	239	250	295	165	400	271	157	458
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	152	602	124	163	421	183	157	222	216	217	238	244
Owner-occupied housing units	120	461	124	153	393	176	148	205	200	209	191	219
Lacking complete plumbing for exclusive use ..	5	7	5	6	7	8	—	19	23	8	2	5
No complete kitchen facilities	11	—	—	3	7	8	—	13	21	—	—	—
No vehicle available	52	123	14	24	24	55	15	37	28	19	57	55
No telephone	—	28	—	2	4	9	—	18	16	10	12	6
Lacking central heating system	—	31	37	30	61	63	5	38	55	26	41	44
Lacking air conditioning	117	381	99	133	330	176	141	222	185	181	235	188
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units ..	784	1 251	548	440	676	848	540	496	883	579	671	1 022
With a mortgage	581	726	357	231	383	470	377	291	544	362	436	579
Less than \$100	—	—	—	—	—	8	—	—	—	—	—	—
\$100 to \$199	—	38	12	27	6	32	8	29	15	16	10	13
\$200 to \$299	93	257	84	90	89	118	92	111	139	137	131	93
\$300 to \$399	137	148	151	68	149	183	161	95	165	105	159	214
\$400 to \$599	244	202	87	38	112	121	109	48	190	86	104	216
\$600 or more	107	81	23	8	27	8	7	8	35	18	32	43
Median	\$440	\$340	\$357	\$299	\$350	\$355	\$357	\$306	\$371	\$323	\$348	\$388
Not mortgaged	203	525	191	209	293	378	163	205	339	217	235	443
Median	\$164	\$136	\$165	\$131	\$161	\$147	\$158	\$147	\$151	\$147	\$140	\$159
GROSS RENT												
Specified renter-occupied housing units ..	119	582	89	116	284	95	50	125	189	76	256	143
Less than \$80	—	51	—	2	—	—	—	—	—	—	28	—
\$80 to \$99	—	37	—	—	—	—	—	—	—	—	3	—
\$100 to \$149	10	55	—	17	8	—	—	15	9	—	5	—
\$150 to \$199	17	107	12	18	70	12	16	35	15	7	24	50
\$200 to \$299	33	235	36	58	118	43	9	49	79	35	114	40
\$300 to \$399	28	62	30	10	24	15	12	20	50	18	64	32
\$400 or more	17	19	3	2	28	—	6	—	9	8	7	8
No cash rent	14	16	8	9	36	25	7	6	27	8	11	13
Median	\$266	\$211	\$283	\$220	\$235	\$270	\$215	\$211	\$250	\$237	\$252	\$222
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$24 947	\$15 330	\$23 305	\$17 083	\$16 649	\$22 491	\$20 258	\$13 131	\$19 808	\$21 810	\$16 094	\$21 494
Owner-occupied housing units	\$25 747	\$17 360	\$25 048	\$19 069	\$17 869	\$22 940	\$21 019	\$14 180	\$20 579	\$22 096	\$18 184	\$22 732
Renter-occupied housing units	\$16 346	\$9 698	\$15 577	\$12 500	\$10 917	\$16 141	\$13 125	\$8 056	\$12 500	\$20 789	\$10 509	\$13 438

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Keeler township	Kimball township	Kochville township	Lo Grange township	Loketon township	Loketown township	L'Anse township	Lapeer township	Larkin township	Lo Salle township	Lowrence township	Lee township, Midland County
Year-round housing units -----	1 079	2 317	850	1 377	2 123	1 290	1 651	1 324	1 013	1 570	1 216	1 088
Complete kitchen facilities -----	1 065	2 284	850	1 351	2 123	1 277	1 610	1 312	1 009	1 506	1 177	1 056
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	13	46	27	20	60	55	39	55	50	69	16	39
1975 to 1978 -----	85	125	63	59	241	142	218	217	175	174	129	157
1970 to 1974 -----	168	327	184	154	281	272	159	274	190	225	117	266
1960 to 1969 -----	189	258	226	225	493	301	149	248	209	197	148	320
1940 to 1959 -----	346	990	191	315	775	230	278	305	275	427	311	204
1939 or earlier -----	278	571	159	604	273	290	808	225	114	478	495	102
HEATING EQUIPMENT												
Steam or hot water system -----	58	244	90	82	285	66	328	180	135	183	88	46
Central warm-air furnace -----	663	1 346	660	938	1 548	1 100	910	789	655	1 039	671	709
Electric heat pump -----	13	—	2	9	4	—	13	21	2	30	—	5
Other built-in electric units -----	83	45	12	133	36	—	32	142	51	25	113	17
Other means or none -----	262	682	86	215	250	124	368	192	170	293	344	311
BEDROOMS												
None -----	6	18	—	6	—	—	24	5	—	32	28	8
1 -----	63	130	38	185	118	13	229	107	21	88	90	57
2 -----	490	861	260	456	422	301	514	254	201	393	470	398
3 -----	368	1 048	404	493	1 187	681	609	715	550	806	387	504
4 -----	130	213	109	170	363	254	248	196	206	195	161	106
5 or more -----	22	47	39	67	33	41	27	47	35	56	80	15
UNITS IN STRUCTURE												
1, mobile home or trailer, etc -----	1 009	2 206	823	1 160	2 067	1 256	1 416	1 262	1 009	1 472	1 102	1 079
2 to 4 -----	41	73	27	107	22	34	110	6	4	86	45	9
5 to 9 -----	17	12	—	89	5	—	48	32	—	12	62	—
10 to 49 -----	12	26	—	21	29	—	69	24	—	—	7	—
50 or more -----	—	—	—	—	—	—	8	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath -----	20	58	9	23	22	44	110	11	15	96	44	33
1 complete bathroom -----	762	1 936	524	1 004	1 097	498	1 169	670	524	967	855	774
1 complete bathroom plus half bath(s) -----	163	185	196	159	565	445	258	347	196	244	169	148
2 or more complete bathrooms -----	134	138	121	191	439	303	114	296	278	263	148	133
AIR CONDITIONING												
None -----	809	1 969	597	857	1 902	1 081	1 454	1 042	861	1 144	914	947
Central system -----	78	29	69	195	34	54	26	93	53	192	89	20
1 or more individual room units -----	192	319	184	325	187	155	171	189	99	234	213	121
Occupied housing units -----	887	2 209	824	1 270	2 057	1 256	1 456	1 271	979	1 485	1 113	1 005
No telephone -----	87	152	7	84	12	6	83	45	11	24	100	48
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	133	364	128	221	293	259	248	241	161	235	232	228
1975 to 1978 -----	247	477	205	292	577	465	332	432	318	449	264	321
1970 to 1974 -----	168	453	171	263	372	232	273	266	131	242	233	184
1960 to 1969 -----	368	182	265	425	130	199	163	181	224	192	145	145
1959 or earlier -----	167	547	138	229	390	170	404	169	188	335	192	127
HOUSE HEATING FUEL												
Utility gas -----	387	1 200	615	688	1 640	541	769	566	394	342	450	296
Bottled, tank, or LP gas -----	67	296	21	62	52	125	205	118	95	366	91	219
Electricity -----	101	51	18	151	39	—	48	179	54	55	115	24
Fuel oil, kerosene, etc -----	295	541	164	328	282	495	313	355	358	660	350	333
Cool or coke -----	—	—	—	—	—	14	—	—	—	—	—	3
Wood -----	31	108	6	41	44	81	121	53	72	52	107	130
Other fuel -----	—	7	—	—	—	—	—	—	—	10	—	—
No fuel used -----	6	6	—	—	—	—	—	—	2	—	—	—
VEHICLES AVAILABLE												
None -----	56	111	10	127	27	35	136	39	27	78	74	42
1 -----	259	696	253	528	472	205	491	276	182	329	395	277
2 -----	376	942	308	383	1 059	625	638	620	449	598	393	394
3 or more -----	196	460	253	232	499	391	191	336	321	480	251	292
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	234	392	145	323	260	158	454	167	110	153	307	92
Owner-occupied housing units -----	207	360	127	274	231	158	315	144	103	145	229	87
Locking complete plumbing for exclusive use -----	2	5	—	7	—	6	11	—	4	28	8	6
No complete kitchen facilities -----	4	5	—	—	—	—	—	—	2	3	11	10
No vehicle available -----	32	40	8	58	27	23	104	20	20	49	55	12
No telephone -----	18	28	2	5	—	—	40	6	—	—	11	—
Locking central heating system -----	42	106	13	47	28	—	78	27	16	34	23	31
Lacking air conditioning -----	163	326	107	189	216	104	400	152	106	136	213	81
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	442	1 399	461	682	1 649	819	785	833	635	1 069	438	393
With a mortgage -----	209	814	294	369	1 063	555	334	648	445	735	265	285
Less than \$100 -----	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199 -----	10	50	3	30	40	14	38	23	8	—	—	—
\$200 to \$299 -----	54	259	64	122	258	44	121	82	76	42	76	18
\$300 to \$399 -----	59	292	104	119	367	196	112	159	119	230	98	89
\$400 to \$599 -----	75	193	108	86	294	281	63	277	159	326	68	96
\$600 or more -----	11	20	15	104	20	—	107	80	129	—	—	11
Median -----	\$360	\$332	\$376	\$318	\$363	\$419	\$305	\$431	\$413	\$433	\$329	\$329
Not mortgaged -----	233	585	167	313	586	264	451	185	190	334	173	108
Median -----	\$139	\$158	\$173	\$154	\$148	\$157	\$140	\$158	\$143	\$180	\$139	\$142
GROSS RENT												
Specified renter-occupied housing units -----	161	290	93	291	152	108	334	137	61	176	241	133
Less than \$80 -----	1	—	—	15	—	—	25	—	—	—	19	—
\$80 to \$99 -----	—	6	—	—	—	—	40	—	—	—	2	—
\$100 to \$149 -----	5	16	9	19	—	—	56	3	2	13	22	3
\$150 to \$199 -----	21	37	10	69	22	21	79	—	8	22	42	9
\$200 to \$299 -----	71	156	37	116	76	41	94	65	19	86	79	78
\$300 to \$399 -----	24	39	24	29	19	33	—	35	14	29	37	30
\$400 or more -----	—	6	9	5	15	6	7	20	5	18	10	5
No cash rent -----	39	30	4	16	20	7	33	14	13	8	30	8
Median -----	\$235	\$260	\$270	\$209	\$253	\$285	\$167	\$294	\$275	\$270	\$218	\$279
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$14 172	\$17 346	\$21 429	\$12 317	\$21 984	\$22 099	\$12 271	\$26 033	\$23 707	\$22 882	\$12 787	\$18 655
Owner-occupied housing units -----	\$15 625	\$18 816	\$22 853	\$15 271	\$22 811	\$22 592	\$14 797	\$27 246	\$24 454	\$24 058	\$16 801	\$20 461
Renter-occupied housing units -----	\$11 571	\$11 120	\$15 865	\$7 396	\$10 903	\$13 935	\$7 813	\$13 807	\$11 964	\$13 571	\$8 364	\$7 917

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Leighton township	Lenox township	Le Roy township	Leroy township	Lexington township	Limo township	Lockport township	Lodi township	London township	Long Lake township	Lowell township	Lyon township, Oakland County
Year-round housing units -----	971	1 532	993	1 094	1 171	839	1 153	928	939	1 535	1 212	2 564
Complete kitchen facilities -----	960	1 512	977	1 088	1 136	827	1 151	926	928	1 525	1 197	2 558
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	10	49	25	40	21	29	84	60	18	165	45	155
1975 to 1978 -----	78	94	55	139	81	116	149	170	77	412	147	475
1970 to 1974 -----	145	224	101	218	166	157	197	146	153	356	445	724
1960 to 1969 -----	189	235	183	182	157	110	212	202	177	162	133	638
1940 to 1959 -----	223	415	322	146	293	178	313	128	241	253	119	373
1939 or earlier -----	326	515	307	367	453	249	198	222	273	187	323	199
HEATING EQUIPMENT												
Steam or hot water system -----	80	280	121	31	164	113	54	125	102	94	38	546
Central warm-air furnace -----	751	892	687	853	571	612	865	680	568	1 150	978	1 708
Electric heat pump -----	3	12	5	20	—	9	16	67	19	10	7	23
Other built-in electric units -----	17	90	37	34	67	36	64	18	47	70	31	129
Other means or none -----	120	258	143	156	369	69	154	38	203	211	158	158
BEDROOMS												
None -----	—	—	5	—	8	4	2	3	—	5	4	—
1 -----	54	74	61	50	96	29	47	27	22	106	61	315
2 -----	272	388	318	353	348	125	383	172	168	514	329	831
3 -----	460	672	444	501	558	445	561	355	525	719	503	978
4 -----	148	329	122	140	98	168	134	293	171	149	257	346
5 or more -----	37	69	43	50	63	68	26	78	53	42	58	94
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	926	1 408	950	1 025	1 015	813	1 104	869	918	1 369	1 183	2 116
2 to 4 -----	32	114	38	61	124	26	36	59	16	146	29	88
5 to 9 -----	8	—	5	2	19	—	9	—	5	7	—	151
10 to 49 -----	5	10	—	6	13	—	—	—	—	13	—	192
50 or more -----	—	—	—	—	—	—	4	—	—	—	—	17
BATHROOMS												
No bathroom or only a half bath -----	25	45	28	8	61	17	13	11	45	17	18	11
1 complete bathroom -----	602	1 023	671	716	730	339	709	337	614	926	534	1 375
1 complete bathroom plus half bath(s) -----	214	306	163	200	206	219	255	132	162	250	402	613
2 or more complete bathrooms -----	130	158	131	170	174	264	176	448	118	342	258	565
AIR CONDITIONING												
None -----	824	1 255	724	861	1 049	618	753	604	752	1 464	971	1 600
Central system -----	22	72	75	128	10	92	187	210	43	24	89	272
1 or more individual room units -----	125	205	194	105	112	129	213	114	144	47	152	692
Occupied housing units	879	1 432	958	1 055	1 073	808	1 051	880	908	1 249	1 182	2 443
No telephone -----	19	89	22	80	75	9	33	12	54	39	32	58
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	110	214	182	223	140	97	212	138	89	364	207	460
1975 to 1978 -----	226	332	209	337	318	254	274	276	275	473	350	1 036
1970 to 1974 -----	182	257	209	199	247	162	190	155	150	191	273	484
1960 to 1969 -----	194	349	175	120	195	117	195	169	198	102	150	321
1959 or earlier -----	167	280	183	176	173	178	180	142	196	119	202	142
HOUSE HEATING FUEL												
Utility gas -----	241	645	179	494	598	305	628	274	88	463	462	1 244
Bottled, tank, or LP gas -----	115	160	106	114	77	39	86	38	434	133	104	195
Electricity -----	18	101	53	54	69	47	77	88	66	77	38	137
Fuel oil, kerosene, etc. -----	469	467	602	355	281	393	213	469	254	459	522	799
Coal or coke -----	4	2	—	—	—	—	—	—	18	2	—	5
Wood -----	32	54	18	38	48	24	47	11	48	112	56	63
Other fuel -----	—	3	—	—	—	—	—	—	—	3	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	21	75	13	32	55	2	34	15	47	16	22	29
1 -----	210	406	285	325	418	157	409	143	165	374	326	797
2 -----	393	510	362	376	426	381	417	395	341	541	540	971
3 or more -----	255	441	298	322	174	268	191	327	355	318	294	646
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	134	283	155	167	288	127	257	111	141	169	127	391
Owner-occupied housing units -----	132	262	141	157	254	116	239	104	114	169	106	362
Lacking complete plumbing for exclusive use -----	2	24	9	—	16	8	2	—	2	—	—	—
No complete kitchen facilities -----	—	14	—	—	8	5	—	6	—	—	—	—
No vehicle available -----	19	32	13	23	34	2	19	14	38	13	9	29
No telephone -----	—	27	15	2	17	1	5	4	9	2	—	7
Lacking central heating system -----	15	65	26	29	62	15	37	4	39	26	32	7
Lacking air conditioning -----	112	242	114	128	264	105	165	83	121	155	109	242
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	491	780	604	517	580	445	629	470	482	767	625	1 104
With a mortgage -----	294	551	368	309	315	273	379	366	358	548	521	862
Less than \$100 -----	2	—	—	2	—	—	—	—	—	—	—	—
\$100 to \$199 -----	11	3	6	2	20	—	16	2	8	7	30	—
\$200 to \$299 -----	67	135	84	79	84	9	95	5	65	68	132	23
\$300 to \$399 -----	110	188	130	99	108	64	143	34	130	190	220	230
\$400 to \$599 -----	95	141	122	123	82	132	84	121	133	232	121	395
\$600 or more -----	9	84	26	4	21	68	41	204	22	51	18	214
Median -----	\$357	\$365	\$353	\$375	\$339	\$479	\$351	\$638	\$380	\$407	\$332	\$489
Not mortgaged -----	197	229	236	208	265	172	250	104	124	219	104	242
Median -----	\$153	\$170	\$148	\$181	\$153	\$186	\$147	\$221	\$195	\$159	\$163	\$189
GROSS RENT												
Specified renter-occupied housing units -----	77	204	56	135	156	57	154	55	94	201	58	334
Less than \$80 -----	—	—	—	—	3	—	—	—	—	—	—	—
\$80 to \$99 -----	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$149 -----	3	12	—	9	25	2	6	—	—	4	—	23
\$150 to \$199 -----	9	11	6	11	59	3	16	9	—	25	6	32
\$200 to \$299 -----	28	78	25	59	44	19	75	17	27	50	29	156
\$300 to \$399 -----	16	44	6	41	18	7	37	3	25	63	10	55
\$400 or more -----	10	16	11	3	—	18	12	18	15	41	4	52
No cash rent -----	11	43	8	12	7	8	8	8	27	18	9	16
Median -----	\$269	\$270	\$246	\$279	\$191	\$308	\$269	\$290	\$327	\$314	\$265	\$278
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$20 547	\$20 350	\$20 133	\$19 389	\$12 726	\$27 961	\$17 683	\$31 857	\$20 856	\$17 876	\$20 950	\$22 948
Owner-occupied housing units -----	\$21 250	\$22 404	\$20 856	\$20 440	\$14 351	\$29 118	\$19 234	\$32 959	\$21 789	\$18 355	\$21 235	\$24 495
Renter-occupied housing units -----	\$15 750	\$13 250	\$16 734	\$15 865	\$9 767	\$17 115	\$12 837	\$16 364	\$15 481	\$15 833	\$13 333	\$17 153

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Lyons township	McMillan township, Luce County	Modison township	Mancelona township	Manchester township	Manistee township	Maple Grove township, Saginow County	Marathon township	Marion township, Livingston County	Marlette township	Marquette township, Marquette County	Marshall township
Year-round housing units	1 027	1 367	1 686	1 159	1 141	1 160	800	1 370	1 322	1 388	964	887
Complete kitchen facilities	1 010	1 309	1 639	1 138	1 122	1 112	782	1 349	1 308	1 370	911	880
YEAR STRUCTURE BUILT												
1979 to March 1980	30	47	18	52	52	16	5	26	32	31	42	24
1975 to 1978	77	70	102	108	90	98	115	153	353	125	209	85
1970 to 1974	117	143	149	254	97	193	153	227	319	202	111	98
1960 to 1969	157	157	338	117	93	214	180	235	180	204	156	248
1940 to 1959	138	390	659	156	229	284	122	239	205	322	249	201
1939 or earlier	508	560	420	472	580	355	225	490	233	504	197	231
HEATING EQUIPMENT												
Steam or hot water system	83	160	90	127	151	196	124	142	111	157	164	99
Central warm-air furnace	736	638	1 302	768	795	729	536	928	907	920	403	670
Electric heat pump	2	8	11	11	6	5	8	9	18	14	20	23
Other built-in electric units	5	13	34	16	58	42	28	6	144	139	86	29
Other means or none	201	548	252	237	131	188	104	285	142	158	291	66
BEDROOMS												
None	—	21	13	14	—	—	—	2	19	6	14	2
1	55	171	73	115	89	66	18	80	32	84	126	53
2	308	486	389	332	271	366	104	370	138	448	307	186
3	406	474	961	532	555	520	417	679	764	551	408	416
4	195	170	205	132	174	166	183	198	288	226	82	170
5 or more	63	45	45	34	52	42	78	41	81	73	27	60
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	969	1 225	1 626	1 063	981	1 121	787	1 256	1 274	1 187	903	836
2 to 4	24	83	47	74	144	33	13	84	29	103	45	45
5 to 9	11	—	—	16	16	6	—	30	—	7	—	4
10 to 49	23	59	13	6	—	—	—	—	19	85	16	2
50 or more	—	—	—	—	—	—	—	—	—	6	—	—
BATHROOMS												
No bathroom or only a half bath	26	95	41	32	36	39	22	21	7	15	46	15
1 complete bathroom	748	992	1 203	899	652	726	394	1 003	527	922	627	434
1 complete bathroom plus half bath(s)	151	165	292	124	191	182	277	196	264	246	132	198
2 or more complete bathrooms	102	115	150	104	262	213	107	150	524	205	159	240
AIR CONDITIONING												
None	788	1 333	1 190	1 099	805	1 107	680	1 234	1 050	1 050	905	626
Central system	73	5	123	8	112	10	33	17	118	89	15	120
1 or more individual room units	166	29	373	52	224	43	87	119	154	249	44	141
Occupied housing units	960	1 224	1 615	939	1 097	1 053	789	1 310	1 262	1 301	879	855
No telephone	51	116	51	91	56	31	12	126	20	59	30	11
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	166	268	231	192	205	158	54	239	134	218	204	102
1975 to 1978	197	243	400	247	285	291	174	398	566	354	309	250
1970 to 1974	164	177	286	180	170	195	188	231	317	243	123	144
1960 to 1969	188	237	344	138	154	196	193	202	107	242	123	205
1959 or earlier	245	299	354	182	283	213	180	240	138	244	120	154
HOUSE HEATING FUEL												
Utility gas	568	560	755	631	560	575	60	593	260	543	255	451
Bottled, tank, or LP gas	88	127	153	148	150	25	92	149	199	106	78	34
Electricity	11	20	51	27	71	47	36	15	185	157	106	52
Fuel oil, kerosene, etc.	224	363	638	61	266	361	556	446	574	446	320	291
Cool or coke	2	—	9	—	—	—	—	6	—	6	—	2
Wood	53	150	9	70	50	45	45	99	44	43	120	23
Other fuel	14	2	—	—	—	—	—	—	—	—	—	—
No fuel used	—	2	—	2	—	—	—	—	—	—	—	2
VEHICLES AVAILABLE												
None	57	122	71	85	28	38	13	49	25	93	22	29
1	319	470	427	385	290	301	178	467	241	488	236	181
2	368	482	741	312	447	454	366	517	582	505	431	396
3 or more	216	150	376	157	332	260	232	277	414	215	190	249
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	226	308	277	189	182	218	127	180	123	337	102	137
Owner-occupied housing units	211	256	262	178	166	198	108	165	110	281	100	121
Lacking complete plumbing for exclusive use	12	5	7	4	4	1	—	3	—	—	—	2
No complete kitchen facilities	5	—	7	3	—	—	—	—	—	—	—	2
No vehicle available	28	51	65	40	10	25	13	27	5	63	8	22
No telephone	9	19	5	27	6	—	6	26	—	13	—	5
Lacking central heating system	47	100	51	23	26	24	24	21	17	49	28	18
Lacking air conditioning	178	301	226	181	131	205	98	159	104	256	100	108
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	557	760	1 174	555	578	685	444	718	822	628	610	573
With a mortgage	278	298	749	269	326	375	255	489	676	348	391	376
Less than \$100	—	9	—	—	—	—	—	—	5	—	—	—
\$100 to \$199	10	56	29	19	6	4	35	—	13	—	9	13
\$200 to \$299	83	129	127	115	28	117	22	144	62	98	59	61
\$300 to \$399	115	74	291	85	86	135	90	155	162	129	115	88
\$400 to \$599	68	36	282	48	141	98	125	148	305	75	174	154
\$600 or more	2	11	11	2	71	19	14	7	142	33	34	60
Median	\$327	\$275	\$373	\$300	\$436	\$357	\$410	\$336	\$463	\$347	\$408	\$423
Not mortgaged	279	462	425	286	252	310	189	229	146	280	219	197
Median	\$146	\$123	\$174	\$123	\$203	\$140	\$197	\$145	\$198	\$158	\$167	\$187
GROSS RENT												
Specified renter-occupied housing units	122	217	133	161	198	91	19	173	80	252	150	70
Less than \$80	—	13	—	2	—	—	—	—	4	—	4	—
\$80 to \$99	5	15	—	—	—	—	—	—	—	—	—	—
\$100 to \$149	10	22	—	5	2	—	—	2	6	—	2	—
\$150 to \$199	26	57	39	45	16	11	—	10	6	21	—	7
\$200 to \$299	61	79	50	74	109	53	7	70	47	108	44	31
\$300 to \$399	5	12	25	15	30	6	—	33	14	36	39	7
\$400 or more	9	19	—	6	32	9	—	12	6	5	22	2
No cash rent	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$217	\$190	\$254	\$228	\$271	\$256	\$421	\$223	\$241	\$229	\$272	\$242
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$17 163	\$12 549	\$19 979	\$11 907	\$23 177	\$17 079	\$23 835	\$20 189	\$27 385	\$15 634	\$19 368	\$23 574
Owner-occupied housing units	\$20 521	\$14 012	\$20 699	\$12 766	\$25 202	\$18 615	\$24 619	\$21 571	\$28 183	\$17 057	\$21 014	\$24 294
Renter-occupied housing units	\$9 500	\$7 031	\$16 190	\$9 667	\$16 579	\$9 779	\$15 903	\$11 000	\$13 942	\$12 214	\$11 397	\$15 227

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Mayfield township, Loper County	Mendon township	Menominee township	Metamora township	Millington township	Mills township, Ogemaw County	Montcolm township	Montrose township	Mussey township	Napoleon township	Nelson township	New Buffalo township
Year-round housing units	2 143	1 038	1 438	1 067	1 444	3 035	892	2 452	958	2 181	867	1 646
Complete kitchen facilities	2 132	1 021	1 386	1 055	1 393	2 699	861	2 383	941	2 157	861	1 621
YEAR STRUCTURE BUILT												
1979 to March 1980	109	31	106	82	29	38	25	123	24	103	36	53
1975 to 1978	410	99	174	161	139	393	91	345	51	193	126	46
1970 to 1974	628	183	198	238	293	784	116	396	116	318	144	129
1960 to 1969	511	159	300	141	226	1 115	184	526	125	382	146	266
1940 to 1959	304	137	364	171	340	645	208	674	194	709	152	718
1939 or earlier	181	429	296	274	417	60	268	388	448	476	263	434
HEATING EQUIPMENT												
Steam or hot water system	251	42	339	149	148	62	40	272	151	156	58	154
Central warm-air furnace	1 429	742	688	701	1 029	1 310	586	1 825	473	1 666	558	1 094
Electric heat pump	25	16	29	17	3	3	3	8	8	21	—	52
Other built-in electric units	202	74	41	51	47	74	16	35	51	84	11	168
Other means or none	236	164	341	149	220	1 587	247	316	275	254	240	178
BEDROOMS												
None	—	7	6	—	7	45	2	3	10	11	—	10
1	97	75	86	37	71	444	48	123	55	218	37	145
2	528	375	416	279	393	1 911	336	699	241	702	279	482
3	1 269	408	733	474	657	568	365	1 300	416	936	427	664
4	214	140	184	212	223	54	116	268	221	265	99	241
5 or more	35	33	13	65	93	13	25	59	15	49	25	104
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 984	960	1 394	1 013	1 321	3 007	879	2 301	842	2 006	852	1 524
2 to 4	30	53	40	54	63	23	13	46	95	99	7	83
5 to 9	79	14	4	—	52	3	—	53	21	39	6	32
10 to 49	50	11	—	—	8	3	—	52	—	37	2	7
50 or more	—	—	—	—	—	—	—	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath	6	31	50	14	66	576	33	42	30	27	26	34
1 complete bathroom	1 298	738	884	493	949	2 285	681	1 599	683	1 547	595	827
1 complete bathroom plus half bath(s)	572	156	271	265	260	107	81	525	165	296	150	334
2 or more complete bathrooms	267	113	233	295	169	67	97	286	80	311	96	451
AIR CONDITIONING												
None	1 667	732	1 270	902	1 203	2 941	792	1 888	791	1 842	754	908
Central system	121	87	32	89	47	13	24	123	24	92	24	371
1 or more individual room units	355	219	136	76	194	81	76	441	143	247	89	367
Occupied housing units	2 085	947	1 327	1 001	1 354	1 011	841	2 378	910	2 073	800	1 059
No telephone	47	54	44	44	38	164	66	195	54	68	25	36
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	421	153	216	240	165	197	107	530	146	362	115	127
1975 to 1978	782	269	324	297	397	361	247	682	200	662	236	281
1970 to 1974	429	197	224	244	298	252	160	384	218	338	172	208
1960 to 1969	324	145	235	120	232	139	162	389	137	343	156	221
1959 or earlier	129	183	328	100	262	62	165	393	209	368	121	222
HOUSE HEATING FUEL												
Utility gas	1 291	218	634	471	591	2	393	1 303	542	1 358	51	441
Bottled, tank, or LP gas	49	204	202	80	271	492	134	171	37	115	210	32
Electricity	233	86	59	65	45	55	27	45	53	97	11	211
Fuel oil, kerosene, etc.	399	353	383	331	353	316	205	797	213	466	403	349
Coal or coke	—	10	7	—	—	6	—	—	—	—	—	10
Wood	113	73	42	54	94	140	82	53	65	37	113	26
Other fuel	—	3	—	—	—	—	—	—	—	—	—	2
No fuel used	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None	53	52	13	34	83	45	51	88	50	43	30	81
1	586	302	401	252	352	357	225	638	288	586	219	300
2	865	388	614	437	519	435	366	1 002	343	922	344	399
3 or more	581	205	299	278	400	174	199	650	229	522	207	279
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	241	201	268	144	238	317	163	321	190	308	119	278
Owner-occupied housing units	171	167	253	134	195	299	145	273	172	276	112	238
Lacking complete plumbing for exclusive use	—	5	14	—	15	12	2	6	2	—	15	8
No complete kitchen facilities	—	3	14	1	18	10	—	—	2	6	—	8
No vehicle available	32	29	13	16	55	22	30	57	39	21	25	51
No telephone	9	15	11	10	2	25	6	6	4	5	6	5
Lacking central heating system	32	27	77	29	43	87	49	50	21	5	36	27
Lacking air conditioning	169	136	239	138	188	295	145	214	147	277	102	188
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	1 272	486	705	474	754	667	442	1 445	468	1 329	361	679
With a mortgage	1 001	315	379	352	459	283	246	964	224	808	226	334
Less than \$100	—	—	—	—	—	2	2	—	—	10	—	—
\$100 to \$199	18	4	14	3	6	46	14	2	13	21	17	9
\$200 to \$299	240	102	94	42	121	132	88	63	64	196	64	84
\$300 to \$399	401	131	134	109	165	44	91	409	77	212	71	89
\$400 to \$599	287	70	126	146	159	46	295	70	278	66	109	109
\$600 or more	55	8	—	—	8	3	5	32	—	91	8	43
Median	\$356	\$332	\$361	\$420	\$365	\$271	\$320	\$360	\$340	\$382	\$341	\$384
Not mortgaged	271	171	326	122	295	384	196	481	244	521	135	345
Median	\$159	\$149	\$150	\$167	\$146	\$128	\$129	\$181	\$151	\$145	\$159	\$158
GROSS RENT												
Specified renter-occupied housing units	230	138	97	123	171	135	87	280	148	291	39	160
Less than \$80	6	—	—	—	—	—	—	2	—	—	—	—
\$80 to \$99	14	2	—	—	2	3	—	6	—	5	—	—
\$100 to \$149	23	12	5	—	19	5	4	14	2	6	4	—
\$150 to \$199	14	7	30	7	54	22	15	52	28	36	9	20
\$200 to \$299	114	82	37	56	61	69	33	130	69	169	10	75
\$300 to \$399	29	13	—	36	17	11	5	53	28	36	7	35
\$400 or more	13	2	11	6	2	—	—	10	2	—	2	13
No cash rent	17	20	14	18	16	25	20	11	19	39	7	17
Median	\$239	\$232	\$214	\$284	\$206	\$230	\$226	\$232	\$251	\$246	\$225	\$269
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$22 599	\$16 712	\$17 035	\$22 388	\$21 691	\$9 037	\$16 278	\$21 720	\$17 049	\$20 111	\$18 494	\$17 228
Owner-occupied housing units	\$24 234	\$18 156	\$17 669	\$23 851	\$23 954	\$9 222	\$17 226	\$22 879	\$18 864	\$21 147	\$18 799	\$21 083
Renter-occupied housing units	\$12 863	\$11 211	\$14 191	\$14 511	\$10 868	\$7 898	\$12 188	\$12 368	\$11 923	\$13 750	\$10 938	\$10 966

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	North Branch township	Northfield township	Nottawa township, St. Joseph County	Oakfield township	Oakland township	Oceola township	Odesso township	Oneida township	Ontonagon township	Ontwa township	Orangeville township	Oregon township
Year-round housing units	877	1 561	1 140	1 028	2 347	1 316	1 353	1 149	1 391	2 201	1 160	1 646
Complete kitchen facilities	867	1 545	1 081	1 019	2 339	1 310	1 317	1 143	1 316	2 188	1 132	1 638
YEAR STRUCTURE BUILT												
1979 to March 1980	21	16	17	40	141	66	78	133	32	50	33	110
1975 to 1978	103	109	148	112	463	181	106	116	74	132	103	385
1970 to 1974	69	158	159	188	501	342	128	161	127	306	162	476
1960 to 1969	117	318	146	212	493	396	151	260	184	502	379	210
1940 to 1959	145	451	137	273	490	128	246	190	226	715	239	200
1939 or earlier	422	509	533	203	259	423	644	289	748	496	244	265
HEATING EQUIPMENT												
Steam or hot water system	84	235	57	41	343	162	164	111	391	99	67	148
Central warm-air furnace	549	911	708	662	1 793	873	904	883	659	1 689	775	1 188
Electric heat pump	—	19	4	4	12	32	4	4	18	12	7	—
Other built-in electric units	37	99	53	22	63	124	31	114	108	141	16	104
Other means or none	207	297	318	299	136	125	253	37	215	260	295	206
BEDROOMS												
None	6	4	16	5	—	—	4	—	17	10	11	—
1	58	139	103	53	41	36	57	57	156	153	92	34
2	261	492	412	392	409	273	440	245	400	801	547	286
3	385	676	448	422	980	656	530	623	552	979	406	1 115
4	123	199	121	120	793	297	193	184	221	201	86	180
5 or more	44	51	40	36	124	54	48	40	45	57	18	31
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	786	1 319	1 011	1 010	2 323	1 262	1 192	996	1 196	2 107	1 117	1 588
2 to 4	66	193	90	16	—	46	97	35	171	52	29	50
5 to 9	21	38	33	—	—	8	15	16	21	5	—	—
10 to 49	4	11	4	2	24	—	11	103	8	21	9	8
50 or more	—	—	2	—	—	—	41	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath ..	31	41	61	13	16	—	30	32	99	15	40	33
1 complete bathroom	591	947	781	738	587	581	954	571	962	1 421	895	952
1 complete bathroom plus half bath(s)	175	302	187	160	493	292	206	267	203	412	89	405
2 or more complete bathrooms	80	271	117	117	1 251	443	163	279	127	353	136	256
AIR CONDITIONING												
None	794	1 255	937	886	1 641	1 053	1 126	916	1 310	1 284	995	1 500
Central system	19	77	53	19	376	127	48	90	3	363	35	24
1 or more individual room units ..	64	229	150	123	330	136	179	143	78	554	130	122
Occupied housing units	840	1 517	1 073	969	2 243	1 270	1 228	1 074	1 259	2 076	842	1 602
No telephone	51	45	136	53	34	54	41	29	54	99	45	60
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	122	353	186	202	329	228	312	204	207	380	130	277
1975 to 1978	270	470	400	271	860	464	347	321	257	623	254	673
1970 to 1974	92	227	159	192	421	291	182	219	202	375	150	363
1960 to 1969	159	216	166	172	399	177	172	145	242	365	181	193
1959 or earlier	197	251	162	132	234	110	215	185	351	333	127	96
HOUSE HEATING FUEL												
Utility gas	283	720	561	70	1 543	369	812	487	374	1 443	352	58
Bottled, tank, or LP gas	147	125	139	262	77	132	110	23	81	52	88	190
Electricity	35	131	65	29	80	175	35	82	122	186	22	92
Fuel oil, kerosene, etc.	325	464	231	450	496	546	218	457	613	346	288	1 168
Cool or coke	—	—	5	2	—	—	—	12	4	—	—	—
Wood	50	77	72	156	47	48	53	13	65	45	92	94
Other fuel	—	—	—	—	—	—	—	—	—	2	—	—
No fuel used	—	—	—	—	—	—	—	—	—	2	—	—
VEHICLES AVAILABLE												
None	57	58	110	26	24	11	100	38	81	79	16	6
1	259	410	318	272	371	283	444	211	419	672	244	327
2	316	570	409	430	1 017	589	453	509	574	856	326	801
3 or more	208	479	236	241	831	387	231	316	185	469	256	468
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	180	231	187	157	184	84	275	168	350	391	145	148
Owner-occupied housing units	164	189	157	152	184	67	195	158	287	349	132	132
Lacking complete plumbing for exclusive use	19	24	—	5	—	—	2	7	29	—	—	6
No complete kitchen facilities	—	—	2	3	—	—	5	10	—	—	—	—
No vehicle available	44	36	49	14	18	—	56	38	59	34	14	—
No telephone	12	5	21	3	9	—	2	11	17	17	3	—
Lacking central heating system	46	13	45	36	6	19	47	—	50	49	38	29
Lacking air conditioning	147	207	157	135	119	66	223	138	326	233	112	143
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units ..	416	806	537	500	1 609	672	632	661	688	1 339	432	1 205
With a mortgage	252	550	285	318	1 227	537	348	479	298	906	231	1 012
Less than \$100	1	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199	6	—	17	28	—	8	31	—	17	16	31	11
\$200 to \$299	61	77	117	74	46	56	114	24	124	204	82	186
\$300 to \$399	111	175	96	130	135	105	123	140	96	375	63	421
\$400 to \$599	71	214	52	78	521	273	70	269	50	260	44	352
\$600 or more	2	84	3	8	525	95	10	46	11	51	11	42
Median	\$348	\$416	\$306	\$341	\$562	\$463	\$325	\$441	\$307	\$364	\$304	\$377
Not mortgaged	164	256	252	182	382	135	284	182	390	433	201	193
Median	\$148	\$204	\$147	\$145	\$241	\$197	\$143	\$177	\$146	\$149	\$137	\$152
GROSS RENT												
Specified renter-occupied housing units ..	125	312	215	73	102	133	295	130	251	319	109	81
Less than \$80	2	—	3	—	—	—	20	—	32	—	—	—
\$80 to \$99	—	—	—	—	—	—	7	—	7	—	—	—
\$100 to \$149	—	5	17	—	—	—	29	7	46	4	3	—
\$150 to \$199	19	52	45	6	—	6	37	8	53	68	18	10
\$200 to \$299	74	84	113	33	13	42	139	36	74	153	61	33
\$300 to \$399	16	114	5	16	12	55	36	49	12	64	7	24
\$400 or more	—	46	2	—	46	8	3	23	—	13	3	8
No cash rent	14	11	30	18	31	22	24	7	27	17	17	6
Median	\$244	\$307	\$216	\$263	\$430	\$316	\$228	\$316	\$180	\$250	\$226	\$285
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$19 511	\$23 695	\$15 309	\$18 279	\$35 328	\$24 595	\$16 532	\$25 784	\$15 240	\$19 232	\$17 604	\$23 357
Owner-occupied housing units	\$20 991	\$26 099	\$17 008	\$19 396	\$36 429	\$26 211	\$19 500	\$27 584	\$17 184	\$20 590	\$18 273	\$24 027
Renter-occupied housing units	\$15 833	\$16 360	\$8 375	\$12 083	\$21 875	\$10 114	\$9 559	\$18 438	\$8 940	\$13 607	\$12 857	\$11 736

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Otsego township	Ovid township, Clinton County	Owosso township	Park township, St. Joseph County	Parma township	Pavilion township	Pow Pow township	Peninsula township	Pennfield township	Berry township	Pinconning township	Plainfield township, Iosco County
Year-round housing units -----	1 514	1 098	1 655	939	885	1 791	2 486	1 540	3 282	1 138	1 002	3 704
Complete kitchen facilities -----	1 494	1 078	1 649	939	879	1 766	2 424	1 519	3 249	1 120	949	3 242
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	65	11	41	56	12	156	54	109	42	37	14	58
1975 to 1978 -----	247	67	139	77	69	211	351	321	144	174	107	245
1970 to 1974 -----	263	124	330	107	196	367	295	266	401	283	151	471
1960 to 1969 -----	296	93	398	188	143	289	376	276	961	154	217	1 019
1940 to 1959 -----	330	169	436	229	170	423	520	253	977	204	309	1 587
1939 or earlier -----	313	632	311	282	295	345	890	315	757	286	204	324
HEATING EQUIPMENT												
Steam or hot water system -----	85	85	118	63	67	121	325	306	246	55	116	84
Central warm-air furnace -----	1 102	784	1 176	626	644	1 649	1 649	978	2 530	840	458	1 058
Electric heat pump -----	—	5	19	7	6	6	53	8	39	9	—	25
Other built-in electric units -----	47	45	84	90	31	29	216	75	191	51	55	174
Other means or none -----	280	179	258	153	137	182	243	173	276	183	373	2 363
BEDROOMS												
None -----	15	14	27	—	5	—	37	7	42	6	26	166
1 -----	121	64	165	41	52	115	347	140	416	64	89	761
2 -----	457	237	487	250	244	661	713	367	962	362	299	1 969
3 -----	674	483	713	471	344	793	990	665	1 370	434	478	663
4 -----	230	215	227	118	187	203	314	263	419	188	85	123
5 or more -----	17	85	36	59	53	19	85	98	73	84	25	22
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 449	1 000	1 410	899	819	1 730	1 927	1 416	2 731	1 018	939	3 500
2 to 4 -----	57	41	62	32	54	61	256	74	102	107	24	26
5 to 9 -----	5	17	131	8	9	—	89	25	44	13	17	56
10 to 49 -----	3	40	52	—	3	—	214	25	398	—	22	122
50 or more -----	—	—	—	—	—	—	—	—	7	—	—	—
BATHROOMS												
No bathroom or only a half bath -----	21	24	17	21	19	24	77	14	38	28	108	628
1 complete bathroom -----	914	807	1 033	598	639	1 195	1 459	629	2 287	749	606	2 706
1 complete bathroom plus half bath(s) -----	261	170	315	226	98	324	539	260	554	149	175	202
2 or more complete bathrooms -----	318	97	290	94	129	248	411	637	403	212	113	168
AIR CONDITIONING												
None -----	1 118	808	1 155	688	778	1 328	1 629	1 469	1 964	873	886	3 608
Central system -----	100	48	268	62	33	136	262	22	557	105	30	12
1 or more individual room units -----	296	242	232	189	74	327	595	49	761	160	86	84
Occupied housing units	1 473	1 036	1 603	901	842	1 690	2 328	1 360	3 096	1 093	931	1 306
No telephone -----	53	33	60	53	92	50	103	25	29	46	96	163
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	277	151	312	137	140	417	440	316	422	204	84	174
1975 to 1978 -----	493	232	421	264	269	461	736	416	775	358	255	381
1970 to 1974 -----	265	224	299	166	151	266	477	215	524	240	214	379
1960 to 1969 -----	230	168	273	166	133	288	358	221	710	182	215	237
1959 or earlier -----	208	261	298	168	149	258	317	192	665	109	163	135
HOUSE HEATING FUEL												
Utility gas -----	881	592	1 014	347	258	993	1 479	525	1 715	644	351	189
Bottled, tank, or LP gas -----	29	38	20	106	138	52	73	112	57	80	169	380
Electricity -----	47	45	143	105	45	39	297	82	375	60	45	121
Fuel oil, kerosene, etc. -----	455	328	384	277	364	502	410	574	916	241	295	343
Cool or coke -----	—	—	—	—	—	—	—	—	—	6	—	—
Wood -----	47	31	42	66	37	104	69	60	33	62	71	273
Other fuel -----	14	2	—	—	—	—	—	—	—	—	—	—
No fuel used -----	—	—	—	—	—	—	—	7	—	—	—	—
VEHICLES AVAILABLE												
None -----	39	42	125	12	40	53	196	39	54	25	47	84
1 -----	332	296	480	229	292	513	618	364	1 032	334	235	591
2 -----	651	409	649	435	335	678	943	668	1 328	409	378	484
3 or more -----	451	289	349	225	175	446	371	289	682	325	271	147
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	172	230	351	171	116	264	601	341	515	106	146	509
Owner-occupied housing units -----	130	203	244	162	105	252	439	309	480	103	137	459
Lacking complete plumbing for exclusive use -----	—	6	—	11	11	6	—	—	7	5	—	25
No complete kitchen facilities -----	—	5	—	—	—	—	19	—	7	—	—	20
No vehicle available -----	28	30	78	12	11	28	114	31	36	16	8	53
No telephone -----	—	8	—	5	—	—	5	—	—	2	21	47
Lacking central heating system -----	41	28	48	6	12	19	56	21	44	23	65	140
Lacking air conditioning -----	118	158	250	132	90	186	388	311	370	66	118	476
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	795	616	911	513	407	872	1 232	894	2 061	491	468	779
With a mortgage -----	522	311	611	334	270	541	705	529	1 289	340	248	243
Less than \$100 -----	11	—	—	—	—	—	—	—	8	—	—	—
\$100 to \$199 -----	25	12	14	12	—	14	27	—	50	1	—	13
\$200 to \$299 -----	164	115	191	118	93	156	132	18	514	68	51	113
\$300 to \$399 -----	160	136	206	111	106	176	302	46	328	69	121	79
\$400 to \$599 -----	111	46	157	72	61	143	174	233	316	157	70	35
\$600 or more -----	51	2	43	21	10	52	70	232	73	45	6	3
Median -----	\$327	\$316	\$365	\$338	\$329	\$368	\$354	\$571	\$319	\$424	\$361	\$296
Not mortgaged -----	273	305	300	179	137	331	527	365	772	151	220	536
Median -----	\$134	\$151	\$160	\$139	\$159	\$167	\$156	\$202	\$151	\$138	\$172	\$113
GROSS RENT												
Specified renter-occupied housing units -----	147	126	327	88	126	155	625	164	580	120	86	135
Less than \$80 -----	—	—	—	—	—	—	35	7	—	—	—	—
\$80 to \$99 -----	—	—	—	—	—	—	26	—	5	—	—	—
\$100 to \$149 -----	11	17	38	—	9	23	59	13	14	3	—	7
\$150 to \$199 -----	44	24	12	14	12	9	179	12	56	15	21	36
\$200 to \$299 -----	56	55	140	45	70	58	237	34	358	44	29	57
\$300 to \$399 -----	18	18	40	29	13	33	48	40	92	38	13	—
\$400 or more -----	7	7	6	—	6	12	9	37	22	14	5	—
No cash rent -----	11	5	9	—	16	20	32	21	33	6	18	35
Median -----	\$238	\$238	\$264	\$265	\$247	\$263	\$199	\$318	\$250	\$293	\$223	\$216
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$21 031	\$19 500	\$19 436	\$18 937	\$17 817	\$20 260	\$16 519	\$21 658	\$21 708	\$20 197	\$19 290	\$9 846
Owner-occupied housing units -----	\$22 232	\$20 351	\$20 826	\$19 664	\$19 363	\$20 833	\$19 469	\$24 362	\$23 799	\$20 497	\$21 506	\$10 397
Renter-occupied housing units -----	\$9 861	\$12 300	\$12 644	\$12 212	\$13 812	\$14 792	\$10 474	\$10 759	\$15 868	\$18 684	\$9 118	\$7 083

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Portage township, Houghton County	Porter township, Coss County	Port Huron township	Portsmouth township	Prairieville township	Putnam township	Quincy township, Branch County	Raisin township	Raisinsville township	Ray township	Richfield township, Genesee County	Richfield township, Roscommon County
Year-round housing units	1 279	1 517	2 685	1 409	1 057	1 872	1 511	1 715	1 453	954	2 155	3 239
Complete kitchen facilities	1 215	1 472	2 619	1 392	1 041	1 850	1 469	1 677	1 406	943	2 143	3 219
YEAR STRUCTURE BUILT												
1979 to March 1980	23	32	51	42	19	133	10	63	39	29	144	—
1975 to 1978	130	137	205	102	34	261	133	238	195	110	330	195
1970 to 1974	180	235	307	197	194	387	145	432	214	160	358	1 101
1960 to 1969	165	306	431	290	208	299	186	319	148	169	388	1 287
1940 to 1959	190	387	1 103	455	284	404	366	340	369	223	481	513
1939 or earlier	591	420	588	323	318	388	671	323	488	263	454	143
HEATING EQUIPMENT												
Steam or hot water system	152	59	440	161	57	251	153	148	205	190	292	241
Central warm-air furnace	548	734	1 573	1 123	692	1 247	1 075	1 317	1 035	515	1 708	617
Electric heat pump	—	38	35	—	—	13	8	—	—	5	—	124
Other built-in electric units	142	248	143	—	40	129	69	12	25	106	24	386
Other means or none	437	438	494	116	268	232	206	230	167	138	131	1 871
BEDROOMS												
None	36	28	25	—	7	4	23	7	—	8	—	—
1	111	113	122	35	117	98	137	60	44	28	47	438
2	425	530	886	409	393	520	479	353	239	215	569	2 112
3	545	603	1 333	725	360	910	653	961	869	476	1 164	592
4	140	201	264	208	142	274	153	274	256	186	314	69
5 or more	22	42	55	32	38	66	66	63	45	41	61	28
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 122	1 429	2 471	1 374	1 024	1 695	1 311	1 668	1 388	909	2 121	3 213
2 to 4	56	78	190	16	20	124	118	42	65	45	29	20
5 to 9	—	10	11	—	—	47	50	5	—	—	—	6
10 to 49	101	—	13	19	7	6	32	—	—	—	—	—
50 or more	—	—	—	—	—	—	—	—	—	—	5	—
BATHROOMS												
No bathroom or only a half bath	226	53	114	10	49	28	39	77	28	16	11	67
1 complete bathroom	742	1 017	1 773	1 044	643	1 067	1 163	1 009	798	503	1 331	2 751
1 complete bathroom plus half bath(s)	205	212	492	238	171	363	172	257	358	189	483	217
2 or more complete bathrooms	106	235	306	117	194	414	137	372	269	246	330	204
AIR CONDITIONING												
None	1 229	1 031	2 193	1 096	864	1 504	1 252	1 185	1 048	814	1 851	3 092
Central system	17	179	83	68	67	147	40	232	156	42	76	—
1 or more individual room units	33	307	409	245	126	221	219	298	249	98	228	147
Occupied housing units	1 142	1 358	2 591	1 374	986	1 769	1 442	1 668	1 387	919	2 102	1 164
No telephone	62	92	98	34	32	65	95	58	19	21	12	54
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	202	208	452	174	140	342	299	334	129	97	425	242
1975 to 1978	277	470	589	349	226	673	420	545	420	309	597	456
1970 to 1974	150	217	461	214	254	332	273	354	269	219	381	277
1960 to 1969	159	295	463	312	205	267	216	232	195	139	324	139
1959 or earlier	354	168	626	325	161	155	234	203	374	155	375	50
HOUSE HEATING FUEL												
Utility gas	82	17	1 906	1 039	429	950	820	1 083	639	197	1 302	18
Bottled, tank, or LP gas	175	388	12	60	118	141	129	112	177	112	119	512
Electricity	142	307	192	9	40	141	71	27	46	108	24	177
Fuel oil, kerosene, etc.	530	439	427	260	334	468	361	392	465	452	624	265
Coal or coke	—	—	25	—	—	7	—	—	12	—	—	—
Wood	213	207	29	6	65	60	45	46	48	50	33	192
Other fuel	—	—	—	—	—	2	16	—	—	—	—	—
No fuel used	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None	109	41	190	47	15	64	99	38	36	15	27	44
1	356	314	684	418	284	501	474	383	215	182	484	575
2	447	629	1 163	615	423	701	529	886	663	466	1 052	407
3 or more	230	374	554	294	264	503	340	361	473	256	539	138
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	266	170	435	268	208	255	282	181	208	169	265	496
Owner-occupied housing units	218	165	373	259	188	216	252	161	179	149	258	467
Locking complete plumbing for exclusive use	58	—	36	5	—	2	—	15	14	9	—	—
No complete kitchen facilities	24	—	16	—	—	—	2	—	14	9	—	7
No vehicle available	44	14	119	21	15	39	41	24	29	15	15	34
No telephone	19	9	25	12	6	2	—	19	6	—	—	—
Locking central heating system	79	35	91	28	41	23	35	37	24	40	11	150
Locking air conditioning	241	99	378	228	173	202	237	137	165	147	232	483
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	484	786	1 886	980	570	1 117	787	1 150	963	508	1 371	862
With a mortgage	202	434	1 038	542	350	778	404	876	630	312	906	410
Less than \$100	—	—	8	—	—	—	—	—	—	—	—	—
\$100 to \$199	16	19	43	—	5	20	6	13	—	5	29	65
\$200 to \$299	64	97	331	165	89	99	141	151	62	25	123	204
\$300 to \$399	41	140	292	151	114	187	160	325	233	120	397	104
\$400 to \$599	67	123	322	214	98	374	84	316	258	119	328	37
\$600 or more	14	55	42	12	44	98	13	71	77	43	29	—
Median	\$335	\$360	\$346	\$372	\$376	\$439	\$330	\$384	\$414	\$407	\$375	\$267
Not mortgaged	282	352	848	438	220	339	383	274	333	196	465	452
Median	\$138	\$161	\$155	\$173	\$136	\$147	\$147	\$162	\$177	\$207	\$190	\$120
GROSS RENT												
Specified renter-occupied housing units	250	133	455	68	129	310	301	113	82	78	104	151
Less than \$80	—	—	—	—	—	—	3	—	—	—	—	—
\$80 to \$99	—	10	—	12	—	—	7	—	—	—	—	—
\$100 to \$149	25	22	23	—	5	—	9	—	—	—	—	—
\$150 to \$199	38	4	48	—	5	12	50	—	13	—	—	18
\$200 to \$299	63	68	167	14	65	105	121	54	17	18	7	28
\$300 to \$399	29	17	158	28	25	104	48	16	22	71	77	7
\$400 or more	47	—	37	—	7	35	10	15	12	15	7	—
No cash rent	48	12	22	14	22	54	15	13	9	10	11	—
Median	\$269	\$255	\$283	\$303	\$248	\$317	\$221	\$219	\$235	\$266	\$254	\$219
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$14 533	\$17 982	\$19 830	\$21 327	\$16 000	\$21 713	\$15 926	\$23 516	\$24 128	\$26 329	\$24 096	\$9 486
Owner-occupied housing units	\$16 403	\$19 702	\$21 421	\$21 964	\$18 333	\$23 533	\$17 432	\$24 878	\$24 781	\$27 750	\$24 569	\$9 637
Renter-occupied housing units	\$8 792	\$13 393	\$12 500	\$5 769	\$9 531	\$13 185	\$10 698	\$15 062	\$18 889	\$18 523	\$17 875	\$7 578

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Richland township, Kalamazoo County	Richland township, Saginaw County	Rives township	Robinson township	Rollin township	Roscommon township	Rose township, Oakland County	Ross township	Royal Oak township	Royalton township	St. Charles township	St. Clair township
Year-round housing units -----	1 665	1 399	1 388	943	1 848	1 450	1 376	1 810	2 938	995	1 281	1 404
Complete kitchen facilities -----	1 639	1 383	1 368	941	1 809	1 433	1 354	1 789	2 888	991	1 272	1 397
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	42	46	90	39	19	84	122	53	4	27	23	41
1975 to 1978 -----	342	181	209	173	91	148	215	149	147	90	78	198
1970 to 1974 -----	255	316	304	179	169	220	277	168	533	257	160	248
1960 to 1969 -----	382	231	273	147	276	301	237	286	1 340	211	209	191
1940 to 1959 -----	310	281	211	221	659	499	271	445	755	214	276	418
1939 or earlier -----	334	344	301	184	634	198	254	709	159	196	535	308
HEATING EQUIPMENT												
Steam or hot water system -----	261	156	119	53	147	91	155	218	499	62	96	276
Central warm-air furnace -----	1 198	957	1 005	658	1 051	561	946	1 277	2 066	620	920	775
Electric heat pump -----	—	23	7	—	35	—	29	11	40	81	4	18
Other built-in electric units -----	61	63	55	29	147	26	104	105	100	160	11	47
Other means or none -----	145	200	202	203	468	772	142	199	233	72	250	288
BEDROOMS												
None -----	5	7	—	6	5	13	—	21	203	—	11	20
1 -----	121	48	93	41	117	133	29	177	1 083	24	117	75
2 -----	382	408	453	286	652	726	331	476	1 039	199	370	408
3 -----	804	705	588	472	706	399	729	754	506	644	622	622
4 -----	298	194	218	105	331	153	200	309	86	206	133	205
5 or more -----	55	37	36	33	37	26	87	73	54	60	6	74
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 405	1 309	1 347	919	1 728	1 376	1 325	1 630	806	934	1 158	1 262
2 to 4 -----	55	52	41	24	79	29	45	139	351	43	68	8
5 to 9 -----	44	30	—	—	6	—	—	15	430	—	33	55
10 to 49 -----	161	8	—	—	35	45	6	26	575	18	20	74
50 or more -----	—	—	—	—	—	—	—	—	776	—	2	5
BATHROOMS												
No bathroom or only a half bath -----	24	20	41	23	103	27	29	30	91	20	17	22
1 complete bathroom -----	658	794	837	620	1 371	1 123	603	937	2 251	367	953	867
1 complete bathroom plus half bath(s) -----	433	323	243	201	206	176	307	288	413	268	219	192
2 or more complete bathrooms -----	550	262	267	99	168	124	437	555	183	340	92	323
AIR CONDITIONING												
None -----	952	1 052	1 069	878	1 537	1 432	1 206	1 426	992	529	960	1 147
Central system -----	262	97	122	17	107	—	55	103	674	300	67	110
1 or more individual room units -----	451	250	197	48	204	18	115	281	1 272	166	254	147
Occupied housing units	1 596	1 368	1 318	905	1 147	1 011	1 307	1 714	2 762	955	1 245	1 283
No telephone -----	40	—	47	36	100	76	21	41	57	26	51	44
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	330	203	198	121	257	192	272	309	415	93	186	224
1975 to 1978 -----	481	395	404	324	256	293	436	452	857	275	325	350
1970 to 1974 -----	310	240	304	162	258	267	291	307	651	197	245	277
1960 to 1969 -----	271	267	238	146	174	150	184	358	604	247	203	205
1959 or earlier -----	204	263	174	152	202	109	124	288	240	143	286	227
HOUSE HEATING FUEL												
Utility gas -----	636	611	375	157	460	653	348	822	2 466	348	760	407
Bottled, tank, or LP gas -----	26	100	253	149	106	108	202	76	21	6	63	99
Electricity -----	63	97	68	35	96	20	166	113	216	231	21	71
Fuel oil, kerosene, etc. -----	788	483	541	451	446	96	502	628	38	358	343	603
Cool or coke -----	—	10	—	3	—	—	—	—	6	—	—	8
Wood -----	80	62	81	110	36	134	89	71	—	12	58	95
Other fuel -----	3	—	—	—	3	—	—	—	20	—	—	—
No fuel used -----	—	5	—	—	—	—	—	4	—	—	—	—
VEHICLES AVAILABLE												
None -----	23	28	20	14	40	74	11	61	1 118	26	93	28
1 -----	392	348	329	209	370	405	273	391	1 178	185	403	328
2 -----	775	705	604	408	445	372	602	762	348	405	451	554
3 or more -----	406	287	365	274	292	160	421	500	123	339	298	373
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	181	194	206	128	220	268	114	295	1 424	132	219	288
Owner-occupied housing units -----	164	177	189	108	188	231	101	252	1 404	97	181	262
Lacking complete plumbing for exclusive use -----	4	—	8	6	20	4	—	4	18	7	9	4
No complete kitchen facilities -----	—	—	8	2	10	—	6	5	4	—	—	—
No vehicle available -----	22	28	20	14	20	50	11	40	782	19	46	17
No telephone -----	—	—	—	5	6	21	7	6	28	—	11	9
Lacking central heating system -----	9	36	43	29	41	123	—	24	36	12	61	37
Lacking air conditioning -----	98	150	155	120	177	268	101	223	284	112	176	227
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	1 014	785	599	491	624	606	828	1 108	415	613	769	621
With a mortgage -----	714	481	411	341	386	308	704	634	243	435	464	388
Less than \$100 -----	—	—	—	—	—	6	—	—	—	—	—	—
\$100 to \$199 -----	—	12	14	—	20	48	—	16	—	—	15	5
\$200 to \$299 -----	57	92	88	103	91	120	98	100	116	52	155	44
\$300 to \$399 -----	144	193	70	143	116	75	178	164	95	110	206	145
\$400 to \$599 -----	348	117	193	80	141	50	269	217	25	155	80	143
\$600 or more -----	165	67	46	4	18	9	159	137	7	106	8	51
Median -----	\$462	\$365	\$424	\$348	\$365	\$275	\$441	\$431	\$304	\$435	\$324	\$400
Not mortgaged -----	300	304	188	150	238	298	124	474	172	178	305	233
Median -----	\$196	\$188	\$188	\$152	\$143	\$121	\$186	\$159	\$170	\$176	\$160	\$161
GROSS RENT												
Specified renter-occupied housing units -----	252	120	94	61	187	167	74	264	2 215	91	220	125
Less than \$80 -----	2	—	—	—	—	4	—	—	111	—	4	—
\$80 to \$99 -----	3	—	—	—	—	4	—	—	—	—	5	—
\$100 to \$149 -----	—	6	—	6	10	24	3	30	75	7	27	—
\$150 to \$199 -----	11	7	18	11	10	52	—	35	119	6	49	31
\$200 to \$299 -----	199	93	33	15	108	57	22	114	771	39	89	46
\$300 to \$399 -----	16	—	24	15	39	—	—	37	30	982	16	25
\$400 or more -----	12	—	—	6	—	—	—	12	19	119	—	16
No cash rent -----	9	14	19	8	20	26	—	36	38	14	20	7
Median -----	\$251	\$265	\$279	\$255	\$256	\$183	\$326	\$250	\$301	\$273	\$225	\$246
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$25 872	\$22 703	\$21 492	\$19 023	\$16 974	\$10 662	\$25 768	\$22 889	\$9 136	\$25 614	\$17 102	\$22 979
Owner-occupied housing units -----	\$28 815	\$23 590	\$22 407	\$19 712	\$18 496	\$10 874	\$28 231	\$25 480	\$18 162	\$28 309	\$19 968	\$24 533
Renter-occupied housing units -----	\$12 995	\$12 813	\$14 412	\$13 182	\$12 250	\$10 225	\$12 188	\$12 429	\$7 785	\$12 159	\$10 400	\$13 068

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	St. Joseph township	Salem township, Washtenaw County	Sandstone township	Saugatuck township	Schoolcraft township, Kalamazoo County	Scio township	Sebewaing township	Shelby township, Oceana County	Sherman township, St. Joseph County	Shiawassee township	Silver Creek township	Solon township, Kent County
Year-round housing units -----	3 532	1 025	1 096	1 709	2 352	2 829	1 248	1 289	938	847	1 289	929
Complete kitchen facilities -----	3 527	1 016	1 081	1 668	2 335	2 801	1 219	1 275	923	835	1 221	929
YEAR STRUCTURE BUILT -----												
1979 to March 1980 -----	55	50	31	32	27	154	16	18	31	15	27	52
1975 to 1978 -----	293	104	79	98	240	251	66	95	115	72	158	173
1970 to 1974 -----	295	160	142	181	459	307	96	114	131	128	220	187
1960 to 1969 -----	989	181	188	265	436	538	116	168	153	115	252	180
1940 to 1959 -----	1 562	264	225	364	504	771	343	284	258	131	297	168
1939 or earlier -----	338	266	431	769	686	808	611	610	250	386	335	169
HEATING EQUIPMENT -----												
Steam or hot water system -----	281	252	165	185	253	374	355	129	82	70	129	63
Central warm-air furnace -----	2 959	624	720	1 171	1 647	2 223	600	839	597	640	726	701
Electric heat pump -----	100	13	22	16	7	22	8	2	2	2	21	—
Other built-in electric units -----	117	58	59	47	145	64	79	38	79	18	218	16
Other means or none -----	75	78	130	290	231	146	206	283	159	117	195	149
BEDROOMS -----												
None -----	—	—	6	27	12	21	5	2	—	—	5	—
1 -----	114	25	54	310	212	263	126	93	63	60	92	52
2 -----	714	197	302	565	677	611	371	333	238	190	445	432
3 -----	2 012	509	494	533	966	1 124	487	556	469	427	557	338
4 -----	595	248	176	200	411	654	199	255	142	117	160	95
5 or more -----	97	46	64	74	74	156	60	50	26	53	30	12
UNITS IN STRUCTURE -----												
1, mobile home or trailer, etc. -----	3 353	951	976	1 424	1 899	2 430	1 157	1 177	924	813	1 217	916
2 to 4 -----	127	66	102	185	308	340	56	93	14	34	48	—
5 to 9 -----	41	—	14	72	35	16	31	19	—	—	8	13
10 to 49 -----	5	8	4	28	104	43	4	—	—	—	16	—
50 or more -----	6	—	—	—	6	—	—	—	—	—	—	—
BATHROOMS -----												
No bathroom or only a half bath -----	9	16	23	11	23	34	56	41	15	23	43	—
1 complete bathroom -----	1 314	426	712	1 165	1 429	1 143	846	854	508	572	782	753
1 complete bathroom plus half bath(s) -----	1 192	219	148	213	446	548	220	228	161	129	214	116
2 or more complete bathrooms -----	1 017	364	213	320	454	1 104	126	166	254	123	250	60
AIR CONDITIONING -----												
None -----	1 399	796	921	1 501	1 525	1 895	968	1 203	627	733	825	801
Central system -----	1 339	125	27	96	323	495	37	21	155	37	148	47
1 or more individual room units -----	794	104	148	112	504	439	243	65	156	77	316	81
Occupied housing units -----	3 470	1 007	1 044	1 575	2 247	2 718	1 197	1 196	905	808	1 236	906
No telephone -----	42	12	18	96	98	39	45	73	27	50	49	25
YEAR HOUSEHOLDER MOVED INTO UNIT -----												
1979 to March 1980 -----	449	209	179	335	463	479	179	167	189	135	181	203
1975 to 1978 -----	931	242	257	475	717	816	263	283	248	215	426	322
1970 to 1974 -----	590	270	155	271	385	472	166	219	149	169	175	125
1960 to 1969 -----	876	180	233	287	379	518	198	226	181	121	255	139
1959 or earlier -----	624	106	220	207	303	433	391	301	138	168	199	117
HOUSE HEATING FUEL -----												
Utility gas -----	2 562	149	384	992	1 513	2 025	676	688	242	285	467	161
Bottled, tank, or LP gas -----	131	98	130	25	25	39	71	73	181	59	138	263
Electricity -----	284	71	71	68	248	102	89	44	107	26	258	16
Fuel oil, kerosene, etc. -----	604	620	443	323	408	516	321	323	297	396	334	374
Coal or coke -----	—	7	7	—	3	—	9	—	—	—	6	6
Wood -----	18	29	41	62	50	36	31	66	78	42	39	86
Other fuel -----	2	—	—	—	—	—	—	—	—	—	—	—
No fuel used -----	—	—	—	—	—	—	—	2	—	—	—	—
VEHICLES AVAILABLE -----												
None -----	93	6	39	138	94	46	70	98	6	19	76	16
1 -----	782	176	294	627	779	681	489	438	208	222	374	286
2 -----	1 762	437	406	558	858	1 266	435	443	444	352	558	360
3 or more -----	833	388	305	252	516	725	203	217	247	215	228	244
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER -----												
Occupied housing units -----	644	98	206	427	427	451	346	324	144	122	265	159
Owner-occupied housing units -----	600	98	167	348	341	394	327	273	144	116	238	159
Lacking complete plumbing for exclusive use -----	—	—	—	—	3	—	7	9	—	1	5	—
No complete kitchen facilities -----	—	—	—	—	7	—	5	9	—	—	—	—
No vehicle available -----	77	—	26	112	60	39	53	73	—	12	53	6
No telephone -----	7	—	7	9	17	2	8	7	—	9	6	6
Lacking central heating system -----	11	11	36	33	15	7	43	58	14	16	22	31
Lacking air conditioning -----	287	80	173	392	297	316	278	305	88	110	163	147
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS -----												
Specified owner-occupied housing units -----	2 858	568	547	787	1 336	1 856	747	653	507	471	672	255
With a mortgage -----	1 801	394	285	384	865	1 294	283	298	329	304	337	140
Less than \$100 -----	—	—	—	—	—	—	2	2	—	—	—	—
\$100 to \$199 -----	16	—	—	16	10	7	20	17	8	17	18	20
\$200 to \$299 -----	360	23	60	108	177	66	71	127	102	72	90	38
\$300 to \$399 -----	581	64	118	106	276	190	89	89	116	94	122	38
\$400 to \$599 -----	665	170	84	111	295	596	74	56	89	113	96	40
\$600 or more -----	179	137	23	43	107	435	27	7	14	8	11	4
Median -----	\$389	\$519	\$356	\$367	\$388	\$525	\$362	\$304	\$345	\$342	\$345	\$338
Not mortgaged -----	1 057	174	262	403	471	562	464	355	178	167	335	115
Median -----	\$186	\$248	\$173	\$156	\$159	\$215	\$140	\$136	\$156	\$173	\$144	\$178
GROSS RENT -----												
Specified renter-occupied housing units -----	255	72	157	383	558	464	194	176	83	64	175	62
Less than \$80 -----	—	—	—	3	—	—	—	—	—	—	8	—
\$80 to \$99 -----	10	—	—	3	—	—	2	—	—	—	8	—
\$100 to \$149 -----	6	5	3	41	25	29	17	—	—	—	8	—
\$150 to \$199 -----	12	10	33	114	100	54	42	33	11	11	9	12
\$200 to \$299 -----	107	11	65	136	308	188	85	78	58	30	86	30
\$300 to \$399 -----	61	27	44	57	60	87	13	17	7	9	20	—
\$400 or more -----	47	10	4	11	32	85	8	—	—	—	13	—
No cash rent -----	12	9	8	18	—	21	23	29	5	2	15	16
Median -----	\$288	\$313	\$278	\$210	\$243	\$277	\$218	\$214	\$255	\$266	\$241	\$231
MEDIAN HOUSEHOLD INCOME IN 1979 -----												
Occupied housing units -----	\$24 245	\$28 610	\$21 844	\$15 474	\$19 651	\$28 090	\$15 261	\$14 746	\$20 123	\$21 005	\$16 288	\$16 537
Owner-occupied housing units -----	\$24 865	\$29 443	\$23 082	\$16 724	\$23 167	\$31 637	\$16 291	\$16 024	\$21 657	\$21 657	\$17 474	\$16 875
Renter-occupied housing units -----	\$15 550	\$16 750	\$12 500	\$12 004	\$10 978	\$15 372	\$11 406	\$10 365	\$14 211	\$15 000	\$13 679	\$14 524

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Somerset township	South Haven township	Sparta township	Spaulding township	Spring Arbor township	Springfield township, Oakland County	Spring Lake township	Stockbridge township	Summerfield township, Monroe County	Superior township, Washtenaw County	Surrey township	Swan Creek township
Year-round housing units -----	1 456	1 615	2 422	968	2 143	2 778	3 590	912	950	2 936	1 342	761
Complete kitchen facilities -----	1 410	1 572	2 404	951	2 138	2 762	3 576	894	926	2 916	1 318	750
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	94	26	90	5	102	337	120	21	41	219	19	39
1975 to 1978 -----	255	187	136	40	225	498	422	73	147	570	115	107
1970 to 1974 -----	406	324	344	89	444	629	456	161	165	606	360	114
1960 to 1969 -----	322	312	437	236	541	439	651	73	145	779	343	186
1940 to 1959 -----	98	382	597	421	518	476	1 079	183	214	428	306	198
1939 or earlier -----	281	384	818	177	313	399	862	401	238	334	199	117
HEATING EQUIPMENT												
Steam or hot water system -----	99	140	207	107	269	294	482	87	89	125	168	55
Central warm-air furnace -----	1 117	1 089	1 926	683	1 571	1 879	2 779	585	648	2 605	626	539
Electric heat pump -----	10	21	—	—	13	89	12	24	11	24	18	—
Other built-in electric units -----	71	47	32	6	116	201	69	85	48	49	99	7
Other means or none -----	159	318	257	172	174	315	248	131	154	133	431	160
BEDROOMS												
None -----	5	29	4	4	—	20	26	6	—	—	—	—
1 -----	36	90	225	31	141	147	179	46	52	230	101	51
2 -----	411	580	748	268	660	878	1 157	240	208	794	685	191
3 -----	803	702	995	490	959	1 255	1 494	408	574	1 534	447	419
4 -----	169	163	374	151	323	417	605	154	99	291	100	93
5 or more -----	32	51	76	24	60	61	129	58	17	87	9	7
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 456	1 466	2 117	951	1 831	2 449	3 138	814	930	2 486	1 292	753
2 to 4 -----	—	61	233	12	149	91	295	71	20	178	20	8
5 to 9 -----	—	45	33	5	128	55	108	6	—	238	26	—
10 to 49 -----	—	43	39	—	35	176	49	21	—	19	4	—
50 or more -----	—	—	—	—	—	7	—	—	—	15	—	—
BATHROOMS												
No bathroom or only a half bath -----	56	28	32	17	16	22	63	23	51	37	31	11
1 complete bathroom -----	884	1 092	1 560	678	1 254	1 329	1 997	572	545	1 332	1 026	481
1 complete bathroom plus half bath(s) -----	190	284	561	195	435	762	751	178	160	1 058	176	173
2 or more complete bathrooms -----	326	211	269	78	438	665	779	139	194	509	109	96
AIR CONDITIONING												
None -----	1 262	1 333	1 964	774	1 513	1 971	2 985	719	687	1 825	1 209	574
Central system -----	68	85	79	57	231	413	130	45	82	730	6	34
1 or more individual room units -----	126	197	379	137	399	394	475	148	181	381	127	153
Occupied housing units	1 078	1 483	2 352	942	2 058	2 536	3 380	873	917	2 820	1 091	748
No telephone -----	39	91	61	4	90	62	63	51	45	71	63	15
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	244	311	428	107	477	596	602	167	121	583	178	121
1975 to 1978 -----	361	515	562	249	608	873	956	244	280	1 169	296	184
1970 to 1974 -----	169	255	385	164	370	535	555	177	195	436	302	155
1960 to 1969 -----	139	190	517	228	391	325	671	149	149	406	212	157
1959 or earlier -----	165	212	460	194	212	207	596	178	172	226	103	131
HOUSE HEATING FUEL												
Utility gas -----	541	745	1 533	711	1 395	1 469	3 077	356	44	2 053	460	367
Bottled, tank, or LP gas -----	156	114	171	25	112	20	68	489	110	68	226	86
Electricity -----	70	53	50	17	144	300	92	108	59	127	94	13
Fuel oil, kerosene, etc. -----	233	532	548	167	350	594	167	304	263	502	242	206
Coal or coke -----	—	—	—	—	6	6	5	—	—	—	—	—
Wood -----	78	39	50	22	53	55	19	37	62	10	69	76
Other fuel -----	—	—	—	—	—	—	—	—	—	—	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
None -----	25	49	178	31	67	25	96	53	6	137	36	24
1 -----	313	555	763	277	583	563	962	259	146	821	462	196
2 -----	485	556	944	412	894	1 196	1 576	345	475	1 291	457	288
3 or more -----	255	323	467	222	514	752	746	216	290	571	136	240
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	222	276	547	100	303	256	587	181	115	188	306	93
Owner-occupied housing units -----	217	242	471	94	201	229	511	149	103	117	295	93
Lacking complete plumbing for exclusive use -----	12	16	24	10	—	6	10	—	16	13	5	—
No complete kitchen facilities -----	12	23	—	10	—	5	5	—	10	—	—	—
No vehicle available -----	25	20	137	12	46	25	77	30	6	68	25	17
No telephone -----	5	5	2	4	18	6	5	4	4	14	8	8
Lacking central heating system -----	46	49	55	16	23	23	39	20	39	32	58	10
Lacking air conditioning -----	196	214	444	93	230	209	499	121	86	104	263	73
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	690	685	1 346	755	1 090	1 537	2 258	460	502	1 488	662	532
With a mortgage -----	430	396	762	443	847	1 217	1 389	303	335	1 262	367	395
Less than \$100 -----	—	—	—	—	—	—	—	9	—	—	—	—
\$100 to \$199 -----	8	11	21	55	6	10	53	9	6	19	105	—
\$200 to \$299 -----	82	142	285	130	212	161	344	26	32	137	124	115
\$300 to \$399 -----	170	101	300	135	217	326	384	70	81	243	67	122
\$400 to \$599 -----	139	130	134	109	327	462	338	160	176	553	65	147
\$600 or more -----	31	12	22	14	85	258	270	38	40	310	6	11
Median -----	\$372	\$338	\$321	\$326	\$395	\$448	\$377	\$445	\$437	\$478	\$267	\$365
Not mortgaged -----	260	289	584	312	243	320	869	157	167	226	295	137
Median -----	\$149	\$140	\$147	\$159	\$161	\$169	\$136	\$182	\$167	\$227	\$141	\$156
GROSS RENT												
Specified renter-occupied housing units -----	84	258	410	77	439	304	646	157	70	567	150	23
Less than \$80 -----	—	4	15	—	22	—	—	—	—	65	—	—
\$80 to \$99 -----	—	2	8	—	8	—	—	—	—	39	1	—
\$100 to \$149 -----	9	10	39	—	40	6	16	1	10	75	17	—
\$150 to \$199 -----	6	48	110	7	52	21	96	3	—	47	42	—
\$200 to \$299 -----	36	130	146	28	179	66	297	85	26	125	48	6
\$300 to \$399 -----	7	36	33	35	97	78	170	40	6	149	14	12
\$400 or more -----	7	—	10	—	22	109	24	6	22	50	—	5
No cash rent -----	19	28	49	7	19	24	43	22	6	17	28	—
Median -----	\$240	\$241	\$205	\$275	\$239	\$354	\$269	\$276	\$280	\$239	\$238	\$354
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$17 364	\$16 257	\$18 584	\$20 530	\$21 421	\$25 191	\$20 103	\$20 567	\$20 625	\$25 182	\$13 648	\$21 250
Owner-occupied housing units -----	\$17 917	\$17 101	\$20 476	\$21 209	\$23 975	\$26 861	\$21 601	\$22 533	\$21 713	\$27 873	\$14 557	\$21 840
Renter-occupied housing units -----	\$12 250	\$11 723	\$12 617	\$10 673	\$12 461	\$16 525	\$15 375	\$10 625	\$16 012	\$13 571	\$9 511	\$14 500

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Sylvan township, Washtenaw County	Tallmadge township	Taymouth township	Texas township	Thefford township	Thornapple township	Three Oaks township	Tittabawassee township	Tyrone township, Kent County	Tyrone township, Livingston County	Unadilla township	Union township, Branch County
Year-round housing units	1 933	1 830	1 368	1 873	2 817	1 377	1 101	1 655	1 058	1 849	931	1 067
Complete kitchen facilities	1 923	1 822	1 325	1 859	2 805	1 362	1 098	1 617	1 013	1 818	923	1 047
YEAR STRUCTURE BUILT												
1979 to March 1980	42	38	77	115	166	32	18	73	43	156	28	4
1975 to 1978	140	266	238	361	395	146	30	164	88	286	114	28
1970 to 1974	156	321	270	324	803	212	75	338	196	350	207	84
1960 to 1969	268	491	222	339	593	330	136	346	155	500	154	87
1940 to 1959	520	407	284	499	513	229	270	416	237	301	176	136
1939 or earlier	807	307	277	235	347	428	572	318	339	256	252	728
HEATING EQUIPMENT												
Steam or hot water system	325	138	102	135	234	79	86	309	52	256	95	54
Central warm-air furnace	1 382	1 481	966	1 461	2 257	1 096	737	1 080	808	1 322	567	784
Electric heat pump	36	—	6	7	4	9	5	18	3	14	10	8
Other built-in electric units	47	26	36	54	83	27	128	66	17	79	82	32
Other means or none	143	185	258	216	239	166	145	182	178	178	177	189
BEDROOMS												
None	19	7	6	5	—	4	13	—	8	—	2	18
1	233	81	12	81	187	61	80	99	60	44	47	70
2	519	467	405	407	898	227	354	434	333	225	282	264
3	798	879	786	807	1 349	720	459	820	463	989	399	453
4	324	325	140	515	349	261	138	257	187	500	156	211
5 or more	40	71	19	58	34	104	57	45	7	91	45	51
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	1 505	1 706	1 347	1 788	2 567	1 282	991	1 484	1 027	1 794	906	972
2 to 4	289	118	21	72	58	103	65	100	9	50	17	61
5 to 9	72	6	—	6	6	20	7	17	13	5	2	26
10 to 49	67	—	—	7	179	10	—	54	—	—	6	6
50 or more	—	—	—	—	7	—	—	—	—	—	—	2
BATHROOMS												
No bathroom or only a half bath	34	13	58	22	10	29	19	15	26	30	14	32
1 complete bathroom	1 105	810	896	767	1 951	760	740	934	769	586	556	835
1 complete bathroom plus half bath(s)	436	705	286	261	528	367	199	457	162	513	169	98
2 or more complete bathrooms	358	302	128	823	328	221	143	249	101	720	192	102
AIR CONDITIONING												
None	1 297	1 614	1 094	1 172	2 066	1 142	599	1 282	916	1 548	731	835
Central system	133	70	70	462	395	55	121	70	38	156	40	45
1 or more individual room units	503	146	204	239	356	180	381	274	104	145	160	187
Occupied housing units	1 870	1 770	1 330	1 765	2 715	1 322	1 047	1 590	992	1 756	905	1 010
No telephone	48	27	29	8	30	46	51	19	33	41	55	106
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	348	211	146	323	556	194	147	255	147	307	159	185
1975 to 1978	523	588	430	556	854	373	242	462	268	548	313	239
1970 to 1974	289	307	285	368	585	308	148	324	209	422	185	208
1960 to 1969	338	364	245	287	458	230	205	292	178	298	122	162
1959 or earlier	372	300	224	231	262	317	305	257	190	181	126	216
HOUSE HEATING FUEL												
Utility gas	1 165	1 047	422	869	1 727	787	626	968	302	923	249	522
Bottled, tank, or LP gas	62	70	261	32	192	74	64	49	172	195	183	98
Electricity	89	26	53	81	93	41	139	88	22	119	94	34
Fuel oil, kerosene, etc.	507	570	510	708	668	347	185	462	455	453	323	309
Coal or coke	—	12	—	—	—	—	—	—	—	9	—	—
Wood	40	40	72	75	35	66	33	23	41	57	56	47
Other fuel	7	5	—	—	—	6	—	—	—	—	—	—
No fuel used	—	—	—	—	—	1	—	—	—	—	—	—
VEHICLES AVAILABLE												
None	115	52	55	33	50	49	103	17	47	18	10	65
1	588	298	351	316	803	341	363	488	290	305	249	358
2	675	864	548	912	1 169	553	426	699	386	758	365	391
3 or more	492	556	376	504	693	379	155	386	269	675	281	196
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	410	244	210	201	253	227	287	219	163	178	134	208
Owner-occupied housing units	268	214	177	177	238	212	244	202	158	161	124	185
Lacking complete plumbing for exclusive use	11	—	33	14	—	4	12	9	2	—	3	4
No complete kitchen facilities	—	—	19	14	—	—	—	—	—	—	1	4
No vehicle available	86	41	29	33	18	23	89	—	33	18	6	48
No telephone	23	—	10	—	—	4	13	—	2	3	15	22
Lacking central heating system	21	41	65	62	13	26	34	21	9	19	18	17
Lacking air conditioning	257	237	176	172	165	164	134	183	124	156	92	159
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	1 112	1 174	745	1 199	1 450	898	655	993	557	1 273	474	559
With a mortgage	693	807	550	867	1 054	614	298	709	320	1 013	306	304
Less than \$100	—	—	—	—	—	1	—	—	—	—	2	—
\$100 to \$199	—	22	5	27	12	12	11	—	17	5	11	18
\$200 to \$299	54	170	234	86	246	198	75	94	78	89	63	152
\$300 to \$399	190	355	180	202	404	237	135	264	170	278	118	98
\$400 to \$599	354	205	102	285	360	118	71	261	53	416	96	34
\$600 or more	95	55	29	267	32	48	6	90	2	225	16	2
Median	\$458	\$350	\$325	\$458	\$368	\$337	\$399	\$339	\$339	\$451	\$368	\$291
Not mortgaged	419	367	195	332	396	284	357	284	237	260	168	255
Median	\$184	\$154	\$148	\$186	\$181	\$143	\$145	\$175	\$145	\$176	\$164	\$144
GROSS RENT												
Specified renter-occupied housing units	463	132	106	167	248	124	157	279	62	106	77	156
Less than \$80	—	—	—	—	—	—	—	—	—	3	—	—
\$80 to \$99	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$149	31	—	10	—	9	12	22	—	2	—	4	14
\$150 to \$199	87	8	27	14	25	37	47	39	13	17	2	43
\$200 to \$299	146	86	37	49	175	46	58	145	29	17	17	54
\$300 to \$399	139	29	24	88	5	18	10	45	14	48	40	29
\$400 or more	45	—	—	—	23	4	6	18	—	8	3	2
No cash rent	15	9	8	16	11	7	14	32	4	13	11	14
Median	\$286	\$277	\$246	\$309	\$241	\$213	\$203	\$261	\$246	\$343	\$317	\$212
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$21 745	\$22 234	\$20 840	\$26 919	\$23 331	\$21 019	\$15 903	\$23 664	\$17 717	\$28 729	\$21 021	\$16 429
Owner-occupied housing units	\$25 514	\$23 408	\$21 491	\$28 466	\$24 443	\$21 663	\$17 308	\$26 625	\$17 516	\$29 947	\$21 932	\$18 178
Renter-occupied housing units	\$15 464	\$16 114	\$8 571	\$16 573	\$12 227	\$11 750	\$10 812	\$12 396	\$18 750	\$11 927	\$14 063	\$10 673

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	Union township, Isabella County	Vassar township	Venice township	Vernon township, Shiawassee County	Vevay township	Watertown township, Clinton County	Watervliet township	Wayne township	Webster township	Wells township, Delta County	Wheeler township	Whiteford township
Year-round housing units -----	1 953	1 118	982	1 701	1 004	1 180	1 286	1 003	918	1 660	1 172	1 515
Complete kitchen facilities -----	1 917	1 100	966	1 683	998	1 173	1 269	977	916	1 647	1 165	1 487
YEAR STRUCTURE BUILT												
1979 to March 1980 -----	31	30	11	45	67	14	48	22	65	24	19	39
1975 to 1978 -----	171	183	96	159	132	146	180	58	146	267	64	132
1970 to 1974 -----	476	327	227	385	257	220	157	117	142	333	132	164
1960 to 1969 -----	558	292	129	336	168	292	256	154	160	326	118	234
1940 to 1959 -----	369	167	227	344	85	208	299	388	186	338	308	456
1939 or earlier -----	348	119	292	432	295	300	346	264	219	372	531	490
HEATING EQUIPMENT												
Steam or hot water system -----	315	30	54	147	78	61	134	38	164	387	130	241
Central warm-air furnace -----	1 234	748	800	1 341	760	973	670	533	600	1 008	673	927
Electric heat pump -----	6	5	7	7	4	—	20	8	22	9	7	36
Other built-in electric units -----	85	19	21	20	15	27	141	90	55	39	38	119
Other means or none -----	313	316	107	186	147	119	321	334	77	217	324	192
BEDROOMS												
None -----	24	—	3	13	—	—	5	—	6	—	—	12
1 -----	116	59	34	81	9	51	80	64	31	65	91	132
2 -----	748	432	255	552	207	223	548	332	204	449	362	234
3 -----	760	503	522	843	553	553	507	465	414	929	528	883
4 -----	268	100	117	168	190	285	92	112	208	175	167	189
5 or more -----	37	24	51	44	45	65	54	30	55	42	24	65
UNITS IN STRUCTURE												
1, mobile home or trailer, etc. -----	1 612	1 076	937	1 615	970	1 136	1 059	996	872	1 638	1 096	1 385
2 to 4 -----	62	42	24	50	34	36	125	7	42	10	61	57
5 to 9 -----	14	—	3	7	—	—	15	—	4	12	15	9
10 to 49 -----	68	—	18	29	—	8	51	—	—	—	—	25
50 or more -----	197	—	—	—	—	—	36	—	—	—	—	39
BATHROOMS												
No bathroom or only a half bath -----	69	23	39	21	15	12	34	12	11	37	7	32
1 complete bathroom -----	1 296	844	620	1 193	482	568	911	703	361	1 081	939	869
1 complete bathroom plus half bath(s) -----	278	162	210	307	294	318	168	156	217	309	137	327
2 or more complete bathrooms -----	310	89	113	180	213	282	173	132	329	233	89	287
AIR CONDITIONING												
None -----	1 378	891	816	1 313	817	934	785	784	737	1 578	1 016	1 108
Central system -----	94	53	50	101	66	71	139	30	96	44	26	87
1 or more individual room units -----	481	174	116	287	121	175	362	189	85	38	130	320
Occupied housing units	1 818	1 100	932	1 652	957	1 145	1 152	874	878	1 580	1 095	1 466
No telephone -----	68	55	50	97	17	11	79	33	5	58	96	46
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980 -----	530	206	67	288	164	141	306	99	156	224	180	165
1975 to 1978 -----	575	331	279	374	301	351	291	205	260	514	265	408
1970 to 1974 -----	260	247	229	434	193	256	189	154	175	296	190	207
1960 to 1969 -----	234	196	170	305	149	212	237	205	157	237	163	324
1959 or earlier -----	219	120	187	251	150	185	129	211	130	309	297	362
HOUSE HEATING FUEL												
Utility gas -----	1 519	415	363	887	313	545	646	379	93	883	625	179
Bottled, tank, or LP gas -----	42	238	84	202	34	50	56	49	84	162	94	535
Electricity -----	92	24	29	24	27	160	93	71	41	56	56	169
Fuel oil, kerosene, etc. -----	129	355	441	481	544	497	256	256	600	392	270	535
Coal or coke -----	—	—	12	—	6	—	—	—	—	—	—	15
Wood -----	36	68	11	51	36	26	21	97	30	102	48	33
Other fuel -----	—	—	—	—	—	—	—	8	—	—	—	—
No fuel used -----	—	—	—	2	—	—	5	—	—	—	2	—
VEHICLES AVAILABLE												
None -----	71	30	22	77	10	26	53	18	10	38	50	6
1 -----	545	299	195	504	173	205	352	271	150	326	427	389
2 -----	849	385	432	685	500	520	396	321	415	875	423	616
3 or more -----	353	386	283	386	274	394	351	264	303	341	195	455
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	197	111	140	209	112	143	217	131	118	222	286	207
Owner-occupied housing units -----	183	95	123	188	106	135	194	123	107	200	254	189
Lacking complete plumbing for exclusive use -----	—	4	13	2	—	7	—	—	2	4	—	10
No complete kitchen facilities -----	—	4	7	—	—	7	—	—	—	5	—	—
No vehicle available -----	9	26	11	41	10	18	38	18	10	38	36	6
No telephone -----	14	7	—	11	—	—	—	—	—	12	33	10
Lacking central heating system -----	45	40	30	15	5	14	41	34	10	24	72	34
Lacking air conditioning -----	160	87	116	152	87	116	131	117	91	211	257	175
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	855	485	525	907	512	735	590	479	438	1 066	614	867
With a mortgage -----	539	358	344	514	396	569	298	226	324	622	351	625
Less than \$100 -----	—	—	—	—	—	—	—	—	—	6	—	—
\$100 to \$199 -----	—	20	9	20	—	21	6	32	2	54	19	35
\$200 to \$299 -----	141	112	88	163	42	15	122	82	21	122	133	113
\$300 to \$399 -----	171	168	146	214	143	142	95	53	63	249	127	142
\$400 to \$599 -----	202	38	82	115	171	318	67	54	118	148	50	275
\$600 or more -----	25	20	2	40	73	8	8	5	120	43	22	60
Median -----	\$376	\$319	\$356	\$333	\$417	\$450	\$322	\$298	\$526	\$344	\$324	\$413
Not mortgaged -----	316	127	181	393	116	166	292	253	114	444	263	242
Median -----	\$142	\$152	\$173	\$153	\$194	\$181	\$160	\$141	\$218	\$151	\$143	\$192
GROSS RENT												
Specified renter-occupied housing units -----	505	117	58	213	46	90	267	80	92	126	160	195
Less than \$80 -----	—	—	—	—	—	—	5	—	—	—	2	—
\$80 to \$99 -----	5	—	—	—	—	—	—	—	—	—	1	—
\$100 to \$149 -----	49	6	—	2	10	—	11	19	5	17	13	—
\$150 to \$199 -----	84	12	3	24	—	35	35	—	2	45	36	74
\$200 to \$299 -----	221	75	28	124	14	28	161	48	34	26	82	72
\$300 to \$399 -----	65	17	21	30	12	4	22	5	24	13	20	13
\$400 or more -----	56	—	—	10	4	15	3	—	17	—	—	17
No cash rent -----	25	7	6	23	6	8	30	8	10	25	6	19
Median -----	\$258	\$223	\$290	\$244	\$255	\$219	\$238	\$231	\$300	\$194	\$220	\$208
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	\$16 056	\$20 745	\$21 793	\$21 026	\$25 725	\$25 406	\$17 637	\$16 919	\$27 125	\$18 424	\$15 462	\$21 031
Owner-occupied housing units -----	\$19 666	\$22 134	\$22 979	\$22 292	\$27 025	\$25 942	\$20 514	\$17 101	\$29 362	\$19 144	\$17 271	\$22 892
Renter-occupied housing units -----	\$11 034	\$10 720	\$12 961	\$11 027	\$20 859	\$19 830	\$10 759	\$12 083	\$17 014	\$11 033	\$8 906	\$13 580

Table 91a. Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships	White Pigeon township	Williams township	Williamston township	Windsor township	Woodhull township	Woodstock township	Worth township	Wright township, Ottawa County	York township	Zeeland township
Year-round housing units	1 339	1 394	1 239	2 068	1 070	1 515	1 245	950	1 218	1 224
Complete kitchen facilities	1 322	1 381	1 239	2 055	1 062	1 486	1 224	931	1 195	1 217
YEAR STRUCTURE BUILT										
1979 to March 1980	38	34	69	116	41	27	15	28	42	71
1975 to 1978	85	148	194	292	157	113	82	60	189	125
1970 to 1974	205	141	215	411	221	191	184	104	217	284
1960 to 1969	257	330	256	448	244	224	169	165	225	126
1940 to 1959	296	470	346	394	210	473	460	279	198	153
1939 or earlier	458	271	159	407	197	487	335	314	347	465
HEATING EQUIPMENT										
Steam or hot water system	195	171	130	153	87	111	153	89	202	52
Central warm-air furnace	874	1 048	919	1 628	735	943	604	746	915	1 007
Electric heat pump	4	—	11	31	20	5	—	—	7	—
Other built-in electric units	101	25	78	84	33	24	72	8	36	20
Other means or none	165	150	101	172	195	432	416	107	58	145
BEDROOMS										
None	5	—	—	5	—	27	6	6	9	7
1	94	41	59	69	48	179	88	36	50	36
2	486	312	171	710	282	524	507	242	181	334
3	536	791	711	1 015	550	575	473	442	639	569
4	130	211	246	221	124	163	135	174	271	208
5 or more	88	39	52	48	66	47	36	50	68	70
UNITS IN STRUCTURE										
1, mobile home or trailer, etc.	1 221	1 364	1 186	1 969	991	1 459	1 208	905	1 130	1 198
2 to 4	81	23	53	91	45	28	31	26	57	26
5 to 9	32	7	—	—	29	9	—	4	22	—
10 to 49	—	—	—	8	5	19	6	15	—	—
50 or more	5	—	—	—	—	—	—	—	—	—
BATHROOMS										
No bathroom or only a half bath	28	17	4	27	28	63	42	27	22	25
1 complete bathroom	912	803	425	1 036	647	1 212	897	585	448	755
1 complete bathroom plus half bath(s)	242	361	303	536	112	133	199	174	266	268
2 or more complete bathrooms	157	213	507	469	283	107	107	164	482	176
AIR CONDITIONING										
None	875	1 151	866	1 539	801	1 365	1 131	865	938	1 003
Central system	155	34	185	333	45	31	25	12	141	87
1 or more individual room units	309	209	188	196	224	119	89	73	139	134
Occupied housing units	1 267	1 362	1 210	2 029	1 031	1 058	1 134	913	1 177	1 189
No telephone	105	29	5	8	25	69	46	26	15	—
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	273	220	180	327	166	218	151	97	168	221
1975 to 1978	408	330	415	713	407	312	351	263	364	327
1970 to 1974	169	232	290	405	155	162	242	111	228	235
1960 to 1969	209	233	189	361	153	164	206	177	259	164
1959 or earlier	208	347	136	223	150	202	184	265	158	242
HOUSE HEATING FUEL										
Utility gas	776	868	484	1 089	268	367	611	146	272	800
Bottled, tank, or LP gas	122	97	65	68	150	200	125	55	193	52
Electricity	98	25	89	117	59	14	76	8	49	26
Fuel oil, kerosene, etc.	216	323	510	718	475	416	256	647	652	250
Coal or coke	—	5	—	—	—	—	4	—	—	8
Wood	55	40	62	37	69	61	62	42	6	53
Other fuel	—	—	—	—	10	—	—	—	5	—
No fuel used	—	4	—	—	—	—	—	15	—	—
VEHICLES AVAILABLE										
None	53	22	11	33	19	25	67	28	5	17
1	403	362	179	574	235	384	465	241	203	254
2	545	598	620	905	429	370	422	339	557	591
3 or more	266	380	400	517	348	279	180	305	412	327
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	302	226	137	340	99	214	391	124	103	173
Owner-occupied housing units	281	213	123	328	94	207	366	113	78	136
Locking complete plumbing for exclusive use	12	4	—	5	—	—	13	—	13	12
No complete kitchen facilities	—	4	—	13	—	—	9	—	7	—
No vehicle available	26	11	11	25	7	19	50	—	5	14
No telephone	10	14	—	3	—	—	13	—	5	—
Locking central heating system	28	42	10	27	12	38	102	27	13	25
Locking air conditioning	202	213	113	241	83	184	344	110	78	143
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units ..	758	899	753	1 271	533	578	677	485	747	576
With a mortgage	401	582	658	953	423	337	333	285	578	370
Less than \$100	—	—	—	9	—	—	2	6	—	—
\$100 to \$199	15	24	—	31	19	18	38	4	—	27
\$200 to \$299	100	102	52	119	108	67	128	75	17	100
\$300 to \$399	141	245	144	226	121	98	112	119	99	155
\$400 to \$599	128	200	273	445	125	113	42	70	269	69
\$600 or more	17	11	189	123	50	41	11	11	193	19
Median	\$359	\$367	\$480	\$433	\$375	\$381	\$299	\$344	\$548	\$335
Not mortgaged	357	317	95	318	110	241	344	200	169	206
Median	\$150	\$187	\$203	\$165	\$201	\$121	\$117	\$155	\$212	\$154
GROSS RENT										
Specified renter-occupied housing units ..	238	90	79	143	112	140	109	91	113	49
Less than \$80	—	—	—	2	—	—	—	—	—	—
\$80 to \$99	—	—	—	—	—	—	2	—	—	—
\$100 to \$149	6	6	—	11	—	5	—	—	—	—
\$150 to \$199	41	15	34	7	15	38	8	4	9	8
\$200 to \$299	125	44	12	85	55	50	13	4	10	8
\$300 to \$399	21	8	15	8	21	15	50	35	35	25
\$400 or more	21	7	11	7	12	12	23	6	27	8
No cash rent	24	10	7	23	10	20	13	42	24	—
Median	\$239	\$266	\$235	\$231	\$274	\$242	\$258	\$261	\$295	\$232
MEDIAN HOUSEHOLD INCOME IN 1979										
Occupied housing units	\$17 452	\$22 099	\$29 800	\$24 402	\$22 349	\$16 918	\$13 944	\$19 504	\$29 180	\$20 396
Owner-occupied housing units	\$19 247	\$22 757	\$31 091	\$25 295	\$23 750	\$17 679	\$14 771	\$21 012	\$31 075	\$21 179
Renter-occupied housing units	\$12 143	\$15 562	\$17 153	\$16 094	\$15 057	\$13 393	\$9 716	\$12 143	\$20 598	\$9 306

Table 92. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 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]

Places [400 or More of the Specified Racial or Spanish Origin Group]	Alma city	Benton Heights (CDP)		Buchanan city		Dowagiac city		Eastwood (CDP)		Fair Plain (CDP)	
		Race		Race		Race		Race		Race	
	Spanish origin ¹	White	Black	White	Black	White	Black	White	Black	White	Black
Occupied housing units	57	1 123	1 070	1 751	146	1 927	304	2 505	211	2 767	487
Complete kitchen facilities	57	1 107	1 039	1 731	146	1 913	298	2 501	211	2 749	...
No telephone	5	148	71	87	21	73	53	39	13	96	...
YEAR STRUCTURE BUILT											
1979 to March 1980	—	5	12	—	—	75	—	37	12	14	...
1975 to 1978	6	18	35	115	4	99	11	128	44	38	...
1970 to 1974	22	45	54	221	10	100	26	81	7	201	...
1960 to 1969	—	165	311	100	70	104	33	354	42	496	...
1940 to 1959	13	595	434	527	34	495	120	1 235	69	1 595	...
1939 or earlier	16	295	224	788	28	1 054	114	670	37	423	...
HEATING EQUIPMENT											
Steam or hot water system	8	48	36	83	7	112	12	256	13	146	...
Central warm-air furnace	33	769	676	1 152	67	1 405	198	2 025	180	2 024	...
Electric heat pump	10	6	11	39	5	7	—	5	—	72	...
Other built-in electric units	—	24	68	278	13	92	28	48	6	293	...
Other means or none	6	276	279	199	54	311	66	171	12	232	...
BEDROOMS											
None	—	27	9	—	—	—	—	—	—	19	...
1	6	137	136	278	13	314	40	289	19	229	...
2	23	526	363	637	57	606	94	1 081	94	929	...
3	9	320	360	561	56	702	118	944	52	1 275	...
4	7	103	149	212	12	281	46	185	46	292	...
5 or more	12	10	53	63	8	24	6	6	—	23	...
UNITS IN STRUCTURE											
1, mobile home or trailer, etc.	36	1 011	936	1 260	102	1 479	239	1 993	124	2 407	...
2 to 4	6	47	120	208	22	208	37	136	24	110	...
5 to 9	5	12	—	72	—	47	6	56	14	27	...
10 to 49	10	53	14	201	22	118	11	283	36	194	...
50 or more	—	—	—	10	—	75	11	37	13	29	...
BATHROOMS											
No bathroom or only a half bath ..	—	24	18	28	9	29	5	17	—	14	...
1 complete bathroom	23	971	862	1 245	111	1 458	262	2 036	174	1 719	...
1 complete bathroom plus half bath(s)	15	96	94	290	18	307	37	303	21	682	...
2 or more complete bathrooms	19	32	96	188	8	133	—	149	16	352	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	18	273	239	469	27	461	31	598	105	460	...
1975 to 1978	26	231	212	460	22	467	77	497	55	704	...
1970 to 1974	—	138	192	198	14	235	64	304	36	412	...
1960 to 1969	7	166	211	194	65	313	74	469	—	552	...
1959 or earlier	6	315	216	430	18	451	58	637	15	639	...
HOUSE HEATING FUEL											
Utility gas	47	751	704	1 279	123	1 689	261	1 917	159	1 815	...
Bottled, tank, or LP gas	—	29	35	—	—	7	4	7	—	18	...
Electricity	10	53	111	358	18	148	39	94	13	392	...
Fuel oil, kerosene, etc.	—	278	201	109	5	65	—	450	32	542	...
Cool or coke	—	5	14	—	—	8	—	5	—	—	...
Wood	—	7	5	5	—	10	—	15	—	—	...
Other fuel	—	—	—	—	—	—	—	20	—	—	...
No fuel used	—	—	—	—	—	—	—	—	—	—	...
VEHICLES AVAILABLE											
None	11	165	318	200	37	198	89	203	—	212	...
1	17	532	447	835	54	974	151	1 069	112	990	...
2	11	261	231	528	35	561	33	859	83	1 170	...
3 or more	18	165	74	188	20	194	31	374	16	395	...
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	—	281	280	483	36	480	79	647	—	753	...
Owner-occupied housing units	—	187	186	337	30	323	66	588	—	665	...
Lacking complete plumbing for exclusive use	—	9	—	7	—	—	—	—	—	—	...
No complete kitchen facilities	—	12	—	6	—	—	—	—	—	—	...
No vehicle available	—	110	131	131	20	125	29	155	—	145	...
No telephone	—	38	5	11	13	5	7	10	—	10	...
Lacking central heating system	—	53	66	44	—	59	15	12	—	72	...
Lacking air conditioning	—	189	209	163	23	245	53	417	—	376	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	32	595	488	1 032	75	1 110	171	1 726	93	2 000	227
With a mortgage	25	286	232	511	45	544	91	858	93	1 101	202
Less than \$100	—	—	5	—	—	—	—	—	—	5	—
\$100 to \$199	—	51	13	37	12	62	30	65	—	77	—
\$200 to \$299	4	177	141	186	25	257	40	353	23	437	57
\$300 to \$399	6	45	51	226	8	151	21	274	35	331	64
\$400 to \$599	8	5	22	31	—	40	—	166	24	236	68
\$600 or more	7	8	—	31	—	34	—	—	11	15	13
Median	\$416	\$257	\$258	\$311	\$221	\$283	\$232	\$303	\$368	\$307	\$367
Not mortgaged	7	309	256	521	30	566	80	868	—	899	25
Median	\$138	\$120	\$129	\$138	\$188	\$131	\$143	\$134	—	\$148	\$163
GROSS RENT											
Specified renter-occupied housing units	21	431	422	622	...	643	100	688	100	593	...
Less than \$80	—	4	41	14	...	55	7	—	—	5	...
\$80 to \$99	—	7	—	—	...	37	—	13	—	10	...
\$100 to \$149	—	42	47	28	...	47	—	13	—	16	...
\$150 to \$199	11	54	88	161	...	103	20	56	—	51	...
\$200 to \$299	10	251	174	316	...	302	57	441	46	411	...
\$300 to \$399	—	29	67	58	...	62	10	113	42	76	...
\$400 or more	—	—	5	9	...	—	6	8	12	11	...
No cash rent	—	44	—	36	...	57	—	44	—	13	...
Median	\$199	\$232	\$219	\$225	...	\$213	\$232	\$255	\$307	\$245	...

¹Persons of Spanish origin may be of any race.

Table 92. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.

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

Places [400 or More of the Specified Racial or Spanish Origin Group]	K. I. Sawyer AFB (CDP)		South Haven city		Three Rivers city		Westwood (CDP)		Wurtsmith AFB (CDP)	
	Race		Race		Race		Race		Race	
	White	Black	White	Black	White	Black	White	Black	White	Black
Occupied housing units	1 669	127	1 973	270	2 358	276	3 353	145	1 111	119
Complete kitchen facilities	1 669	127	1 935	264	2 334	270	3 340	145	1 111	119
No telephone	33	25	106	16	172	20	16	11	15	18
YEAR STRUCTURE BUILT										
1979 to March 1980	—	—	18	—	—	—	120	—	—	—
1975 to 1978	19	—	82	6	55	—	38	20	5	—
1970 to 1974	84	18	134	25	201	40	288	29	24	—
1960 to 1969	791	62	182	45	276	25	929	61	541	81
1940 to 1959	762	47	433	79	462	76	1 527	35	521	38
1939 or earlier	13	—	1 124	115	1 364	135	451	—	20	—
HEATING EQUIPMENT										
Steam or hot water system	—	—	476	46	298	31	477	3	10	—
Central warm-air furnace	1 633	117	1 206	169	1 681	210	2 702	142	1 047	101
Electric heat pump	—	—	33	6	12	9	21	—	—	—
Other built-in electric units	—	—	54	4	108	9	39	—	—	9
Other means or none	36	10	204	45	259	17	114	—	54	9
BEDROOMS										
None	—	—	39	—	15	—	—	—	—	—
1	14	—	398	25	333	36	356	10	18	7
2	261	27	540	91	780	102	1 326	77	47	—
3	1 150	91	632	96	835	70	1 293	39	915	85
4	244	9	310	26	305	52	347	12	131	27
5 or more	—	—	54	32	90	16	31	7	—	—
UNITS IN STRUCTURE										
1, mobile home or trailer, etc.	1 214	120	1 369	192	1 856	196	2 368	69	425	18
2 to 4	347	7	312	50	277	44	146	4	455	55
5 to 9	108	—	143	18	116	36	100	—	231	46
10 to 49	—	—	119	10	91	—	677	59	—	—
50 or more	—	—	30	—	18	—	62	13	—	—
BATHROOMS										
No bathroom or only a half bath	—	—	78	5	61	—	16	—	—	—
1 complete bathroom	623	63	1 142	202	1 726	236	2 008	57	362	30
1 complete bathroom plus half bath(s)	956	64	477	23	365	31	799	65	623	59
2 or more complete bathrooms	90	—	276	40	206	9	530	23	126	30
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	841	70	389	68	546	30	915	44	588	94
1975 to 1978	755	57	591	85	521	95	859	71	502	25
1970 to 1974	73	—	263	67	471	66	460	11	21	—
1960 to 1969	—	—	307	37	351	43	523	19	—	—
1959 or earlier	—	—	423	13	469	42	596	—	—	—
HOUSE HEATING FUEL										
Utility gas	—	—	1 750	242	2 031	249	2 592	96	42	—
Bottled, tank, or LP gas	98	13	17	—	6	—	—	—	14	—
Electricity	9	—	107	10	139	18	185	32	—	16
Fuel oil, kerosene, etc.	1 562	114	99	18	170	9	540	17	1 046	103
Coal or coke	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	7	—	24	—	—	—
Other fuel	—	—	—	—	—	—	12	—	9	—
No fuel used	—	—	—	—	5	—	—	—	—	—
VEHICLES AVAILABLE										
None	4	—	310	57	234	37	198	4	9	9
1	869	96	799	154	1 137	186	1 333	59	670	67
2	623	21	664	50	724	43	1 357	56	344	23
3 or more	173	10	200	9	263	10	465	26	88	20
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	—	—	505	47	724	104	692	23	—	—
Owner-occupied housing units	—	—	356	17	561	60	439	23	—	—
Lacking complete plumbing for exclusive use	—	—	5	—	6	—	—	—	—	—
No complete kitchen facilities	—	—	15	—	—	6	—	—	—	—
No vehicle available	—	—	163	25	185	19	151	—	—	—
No telephone	—	—	16	6	16	—	5	—	—	—
Lacking central heating system	—	—	7	12	84	4	30	—	—	—
Lacking air conditioning	—	—	323	36	438	77	317	23	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	13	...	1 124	...	1 477	143	2 007	64	—	—
With a mortgage	—	...	539	...	781	63	1 228	47	—	—
Less than \$100	—	...	—	...	—	—	—	—	—	—
\$100 to \$199	—	...	39	...	63	—	36	—	—	—
\$200 to \$299	—	...	151	...	319	28	297	—	—	—
\$300 to \$399	—	...	221	...	235	35	476	12	—	—
\$400 to \$599	—	...	123	...	145	—	360	28	—	—
\$600 or more	—	...	5	...	19	—	59	—	—	—
Median	—	...	\$329	...	\$303	\$319	\$351	\$438	—	—
Not mortgaged	13	...	585	...	696	80	779	17	—	—
Median	\$127	...	\$138	...	\$140	\$140	\$176	\$239	—	—
GROSS RENT										
Specified renter-occupied housing units	1 473	99	692	118	660	...	1 110	76	1 059	112
Less than \$80	—	—	34	—	28	...	22	—	—	—
\$80 to \$99	—	—	23	—	18	...	5	—	—	—
\$100 to \$149	18	—	128	6	86	...	53	—	—	—
\$150 to \$199	105	10	167	47	158	...	34	—	169	18
\$200 to \$299	341	17	235	50	273	...	566	60	356	33
\$300 to \$399	38	—	33	15	56	...	355	16	36	9
\$400 or more	13	—	18	—	13	...	39	—	11	—
No cash rent	958	72	54	—	28	...	36	—	487	52
Median	\$219	\$209	\$186	\$225	\$211	...	\$281	\$280	\$216	\$220

¹Persons of Spanish origin may be of any race.

Table 92a. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 2,500 to 10,000: 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]

Towns/Townships [400 or More of the Specified Racial or Spanish Origin Group]	Carrollton township			Covert township		Easton township		Geneva township, Van Buren County	
	Race			Race		Race		Race	
	White	Black	Spanish origin ¹	White	Black	White	Black	White	Black
Occupied housing units	2 211	153	123	432	519	729	5	822	145
Complete kitchen facilities	2 202	153	123	...	508	729	...	822	145
No telephone	32	—	7	...	76	43	...	94	16
YEAR STRUCTURE BUILT									
1979 to March 1980	—	—	—	...	6	3	...	46	—
1975 to 1978	68	—	7	...	27	36	...	73	13
1970 to 1974	90	39	10	...	34	54	...	161	45
1960 to 1969	688	58	48	...	93	110	...	159	32
1940 to 1959	932	35	30	...	209	128	...	85	22
1939 or earlier	433	21	28	...	150	398	...	298	33
HEATING EQUIPMENT									
Steam or hot water system	214	—	16	...	33	28	...	43	—
Central warm-air furnace	1 710	88	79	...	211	529	...	523	89
Electric heat pump	17	8	—	...	10	—	...	21	5
Other built-in electric units	44	—	5	...	21	26	...	48	—
Other means or none	266	13	23	...	244	146	...	187	51
BEDROOMS									
None	9	—	—	...	7	—	...	5	—
1	86	20	15	...	53	23	...	44	—
2	650	57	47	...	188	264	...	238	79
3	1 150	42	49	...	162	314	...	357	55
4	265	34	12	...	96	100	...	127	—
5 or more	51	—	—	...	13	28	...	51	11
UNITS IN STRUCTURE									
1, mobile home or trailer, etc.	1 964	65	96	...	446	708	...	777	126
2 to 4	138	22	27	...	53	21	...	—	11
5 to 9	16	—	—	...	—	—	...	—	—
10 to 49	93	54	—	...	20	—	...	45	—
50 or more	—	—	—	...	—	—	...	—	8
BATHROOMS									
No bathroom or only a half bath	20	—	—	...	13	18	...	5	5
1 complete bathroom	1 532	130	81	...	436	599	...	608	116
1 complete bathroom plus half both(s)	459	23	36	...	34	49	...	100	14
2 or more complete bathrooms	200	—	6	...	36	63	...	109	10
YEAR HOUSEHOLDER MOVED INTO UNIT									
1979 to March 1980	347	42	17	...	76	79	...	141	20
1975 to 1978	438	62	20	...	110	145	...	212	43
1970 to 1974	306	10	61	...	135	110	...	126	50
1960 to 1969	606	19	25	...	85	163	...	164	24
1959 or earlier	514	20	—	...	113	232	...	179	8
HOUSE HEATING FUEL									
Utility gas	2 013	71	103	...	175	242	...	123	13
Bottled, tank, or LP gas	26	3	—	...	113	56	...	95	38
Electricity	69	63	14	...	47	34	...	78	5
Fuel oil, kerosene, etc.	96	16	6	...	176	313	...	487	89
Coal or coke	—	—	—	...	—	15	...	—	—
Wood	7	—	—	...	—	69	...	39	—
Other fuel	—	—	—	...	8	—	...	—	—
No fuel used	—	—	—	...	—	—	...	—	—
VEHICLES AVAILABLE									
None	114	3	10	...	117	39	...	—	8
1	783	81	43	...	247	186	...	289	60
2	859	61	41	...	101	273	...	339	62
3 or more	455	8	29	...	54	231	...	194	15
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	426	27	10	...	241	159	...	138	34
Owner-occupied housing units	405	27	5	...	202	144	...	119	34
Lacking complete plumbing for exclusive use	—	—	—	...	—	7	...	—	5
No complete kitchen facilities	—	—	—	...	—	—	...	—	—
No vehicle available	85	—	5	...	64	28	...	—	8
No telephone	10	—	—	...	12	14	...	15	—
Lacking central heating system	53	10	—	...	99	31	...	28	13
Lacking air conditioning	297	27	10	...	194	96	...	121	26
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units ..	1 707	56	82	...	155	377	...	285	20
With a mortgage	918	34	61	...	69	160	...	105	5
Less than \$100	—	—	—	...	5	—	...	—	—
\$100 to \$199	6	10	—	...	—	20	...	—	—
\$200 to \$299	366	9	14	...	9	71	...	22	5
\$300 to \$399	348	8	30	...	49	52	...	64	—
\$400 to \$599	191	7	17	...	6	17	...	12	—
\$600 or more	7	—	—	...	—	—	...	7	—
Median	\$323	\$289	\$368	...	\$324	\$290	...	\$339	\$275
Not mortgaged	789	22	21	...	86	217	...	180	15
Median	\$156	\$219	\$138	...	\$137	\$133	...	\$143	\$133
GROSS RENT									
Specified renter-occupied housing units ..	364	81	27	...	116	87	...	71	14
Less than \$80	—	—	—	...	—	—	...	—	—
\$80 to \$99	—	—	—	...	3	—	...	9	—
\$100 to \$149	12	—	4	...	8	18	...	5	—
\$150 to \$199	46	—	6	...	19	14	...	17	—
\$200 to \$299	138	25	—	...	41	45	...	10	14
\$300 to \$399	108	48	10	...	7	13	...	19	—
\$400 or more	34	8	7	...	—	—	...	—	—
No cash rent	26	—	—	...	17	17	...	11	—
Median	\$276	\$322	\$317	...	\$222	\$234	...	\$199	\$284

¹Persons of Spanish origin may be of any race.

Table 92a. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

**Towns/Townships
[400 or More of the Specified
Racial or Spanish Origin
Group]**

	Howard township		Lo Gronge township		L'Anse township		Lenox township		London township	
	Race		Race		Race		Race		Race	
	White	Black	White	Black	White	American Indian, Eskimo, and Aleut	White	Black	White	Black
Occupied housing units	2 095	142	986	277	1 328	118	1 206	210	732	170
Complete kitchen facilities	2 088	...	975	...	1 322	106	1 190	208	727	...
No telephone	74	...	61	...	47	36	74	15	43	...
YEAR STRUCTURE BUILT										
1979 to March 1980	67	...	7	...	30	—	44	—	18	...
1975 to 1978	225	...	43	...	165	47	78	11	40	...
1970 to 1974	214	...	108	...	131	16	175	33	133	...
1960 to 1969	513	...	167	...	134	—	159	55	109	...
1940 to 1959	722	...	224	...	238	7	311	71	202	...
1939 or earlier	354	...	437	...	630	48	439	40	230	...
HEATING EQUIPMENT										
Steam or hot water system	124	...	68	...	287	—	232	21	76	...
Central warm-air furnace	1 340	...	674	...	782	57	694	145	455	...
Electric heat pump	19	...	4	...	6	7	12	—	19	...
Other built-in electric units	208	...	104	...	32	—	74	5	40	...
Other means or none	404	...	136	...	221	54	194	39	142	...
BEDROOMS										
None	5	...	6	...	7	12	—	—	—	...
1	125	...	129	...	154	26	51	20	16	...
2	717	...	326	...	370	52	316	47	113	...
3	981	...	357	...	539	28	551	79	427	...
4	212	...	123	...	239	—	232	55	133	...
5 or more	55	...	45	...	19	—	56	9	43	...
UNITS IN STRUCTURE										
1, mobile home or trailer, etc.	2 036	...	850	...	1 187	82	1 121	182	721	...
2 to 4	53	...	66	...	67	15	84	22	6	...
5 to 9	—	...	49	...	29	—	—	—	5	...
10 to 49	6	...	21	...	37	21	1	6	—	...
50 or more	—	...	—	...	8	—	—	—	—	...
BATHROOMS										
No bathroom or only a half bath	59	...	17	...	45	20	37	5	33	...
1 complete bathroom	1 328	...	708	...	933	91	781	144	486	...
1 complete bathroom plus half bath(s)	388	...	135	...	243	—	243	57	121	...
2 or more complete bathrooms	320	...	126	...	107	7	145	4	92	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	280	...	171	...	203	45	185	25	86	...
1975 to 1978	562	...	199	...	291	41	269	54	212	...
1970 to 1974	379	...	208	...	248	25	215	42	119	...
1960 to 1969	503	...	210	...	192	7	272	74	154	...
1959 or earlier	371	...	198	...	394	—	265	15	161	...
HOUSE HEATING FUEL										
Utility gas	1 142	...	470	...	709	50	449	184	82	...
Bottled, tank, or LP gas	105	...	55	...	192	13	144	16	315	...
Electricity	273	...	123	...	41	7	92	5	59	...
Fuel oil, kerosene, etc.	481	...	297	...	302	11	465	2	221	...
Coal or coke	—	...	—	...	—	—	2	—	7	...
Wood	94	...	41	...	84	37	54	—	48	...
Other fuel	—	...	—	...	—	—	—	3	—	...
No fuel used	—	...	—	...	—	—	—	—	—	...
VEHICLES AVAILABLE										
None	96	...	65	...	105	21	45	26	25	...
1	547	...	405	...	445	46	302	101	119	...
2	989	...	319	...	587	51	453	51	304	...
3 or more	463	...	197	...	191	—	406	32	284	...
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	465	...	235	...	428	16	258	25	93	...
Owner-occupied housing units	441	...	203	...	315	—	237	25	66	...
Lacking complete plumbing for exclusive use	18	...	6	...	11	—	24	—	9	...
No complete kitchen facilities	—	...	—	...	—	—	14	—	—	...
No vehicle available	64	...	27	...	85	9	27	5	25	...
No telephone	18	...	5	...	33	7	25	2	9	...
Lacking central heating system	108	...	26	...	71	7	52	13	13	...
Lacking air conditioning	277	...	131	...	374	16	226	16	78	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units ..	1 430	78	526	156	751	34	619	152	390	...
With a mortgage	833	39	285	84	326	8	427	118	293	...
Less than \$100	—	—	—	—	—	—	—	—	—	...
\$100 to \$199	58	—	18	12	38	—	2	1	8	...
\$200 to \$299	240	15	85	37	121	—	83	49	59	...
\$300 to \$399	336	17	85	34	112	—	136	52	85	...
\$400 to \$599	153	7	85	1	55	8	122	16	119	...
\$600 or more	46	—	12	—	—	—	84	—	22	...
Median	\$331	\$363	\$329	\$275	\$303	\$575	\$393	\$313	\$392	...
Not mortgaged	597	39	241	72	425	26	192	34	97	...
Median	\$138	\$157	\$150	\$171	\$141	\$121	\$171	\$169	\$186	...
GROSS RENT										
Specified renter-occupied housing units ..	199	...	199	...	273	51	160	37	71	23
Less than \$80	—	...	2	...	16	9	—	—	—	...
\$80 to \$99	5	...	12	...	28	12	—	—	—	...
\$100 to \$149	9	...	12	...	43	13	6	6	—	...
\$150 to \$199	26	...	51	...	69	—	6	5	—	...
\$200 to \$299	123	...	87	...	77	17	66	9	15	...
\$300 to \$399	28	...	14	...	—	—	26	14	17	...
\$400 or more	8	...	5	...	7	—	13	3	12	...
No cash rent	—	...	16	...	33	—	43	—	27	...
Median	\$239	...	\$214	...	\$172	\$136	\$270	\$266	\$344	\$299

¹Persons of Spanish origin may be of any race.

Table 92a. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 2,500 to 10,000: 1980—Con.

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

Towns/Townships [400 or More of the Specified Racial or Spanish Origin Group]	Madison township	Royal Oak township		South Haven township		Superior township, Washtenaw County		York township	
		Race		Race		Race		Race	
	Spanish origin ¹	White	Black	White	Black	White	Black	White	Black
Occupied housing units	99	1 573	1 150	1 280	189	2 181	578	1 167	6
Complete kitchen facilities	99	1 567	1 141	1 257	181	2 161	578	1 144	...
No telephone	6	13	44	82	5	48	23	15	...
YEAR STRUCTURE BUILT									
1979 to March 1980	—	—	—	9	7	146	6	37	...
1975 to 1978	7	30	117	157	24	483	69	189	...
1970 to 1974	9	361	138	285	30	493	96	212	...
1960 to 1969	4	840	429	232	59	442	306	216	...
1940 to 1959	59	342	322	297	43	309	93	192	...
1939 or earlier	20	—	144	300	26	308	8	321	...
HEATING EQUIPMENT									
Steam or hot water system	—	384	70	125	5	96	25	191	...
Central warm-air furnace	83	994	929	871	131	1 918	514	879	...
Electric heat pump	—	30	10	21	—	24	—	7	...
Other built-in electric units	—	84	9	22	10	43	6	36	...
Other means or none	16	81	132	241	43	100	33	54	...
BEDROOMS									
None	—	124	9	12	14	—	—	9	...
1	5	768	248	59	11	144	69	38	...
2	29	675	322	463	62	599	149	171	...
3	48	6	435	568	88	1 105	330	620	...
4	17	—	82	127	14	254	22	261	...
5 or more	—	—	54	51	—	79	8	68	...
UNITS IN STRUCTURE									
1, mobile home or trailer, etc	99	12	749	1 180	170	1 933	403	1 105	...
2 to 4	—	211	111	45	11	125	49	46	...
5 to 9	—	353	65	31	2	106	109	16	...
10 to 49	—	466	14	24	6	7	12	—	...
50 or more	—	531	211	—	—	10	5	—	...
BATHROOMS									
No bathroom or only a half bath	—	30	19	21	—	37	—	22	...
1 complete bathroom	88	1 320	805	858	118	911	340	407	...
1 complete bathroom plus half bath(s)	—	106	280	216	63	771	216	266	...
2 or more complete bathrooms	11	117	46	185	8	462	22	472	...
YEAR HOUSEHOLDER MOVED INTO UNIT									
1979 to March 1980	6	325	72	266	41	442	123	164	...
1975 to 1978	32	526	318	455	55	926	231	364	...
1970 to 1974	18	404	240	220	30	319	107	228	...
1960 to 1969	14	306	298	142	48	319	72	253	...
1959 or earlier	29	12	222	197	15	175	45	158	...
HOUSE HEATING FUEL									
Utility gas	65	1 363	1 072	649	86	1 461	531	272	...
Bottled, tank, or LP gas	—	11	10	82	28	123	5	193	...
Electricity	—	174	29	43	10	85	42	49	...
Fuel oil, kerosene, etc	34	13	25	473	59	502	—	642	...
Coal or coke	—	—	6	—	—	—	—	—	...
Wood	—	—	—	33	6	10	—	6	...
Other fuel	—	12	8	—	—	—	—	5	...
No fuel used	—	—	—	—	—	—	—	—	...
VEHICLES AVAILABLE									
None	10	680	432	27	22	60	77	5	...
1	34	724	423	496	55	572	221	203	...
2	38	156	185	471	80	1 058	206	553	...
3 or more	17	13	110	286	32	491	74	406	...
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	23	1 072	352	230	46	143	39	97	...
Owner-occupied housing units	23	5	135	205	37	98	19	72	...
Lacking complete plumbing for exclusive use	—	18	—	16	—	13	—	13	...
No complete kitchen facilities	—	—	5	23	—	—	—	5	...
No vehicle available	10	575	207	11	9	41	27	5	...
No telephone	—	7	21	5	—	—	14	5	...
Lacking central heating system	5	12	24	43	6	25	7	13	...
Lacking air conditioning	23	19	265	174	40	78	26	78	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	83	...	410	579	96	1 176	267	...	...
With a mortgage	37	...	238	323	63	963	260	...	...
Less than \$100 .....	—	...	—	—	—	—	—	...	...
\$100 to \$199	—	...	—	11	—	6	13	...	...
\$200 to \$299	7	...	111	123	19	52	70	...	...
\$300 to \$399	4	...	95	86	15	185	58	...	...
\$400 to \$599	26	...	25	91	29	472	69	...	...
\$600 or more	—	...	7	12	—	248	50	...	...
Median	\$420	...	\$306	\$326	\$386	\$499	\$380	...	...
Not mortgaged	46	...	172	256	33	213	7	...	...
Median	\$123	...	\$170	\$136	\$160	\$222	\$275	...	...
GROSS RENT									
Specified renter-occupied housing units .....	...	1 563	612	212	...	328	...	...	—
Less than \$80 .....	...	...	105	4	...	38	...	...	—
\$80 to \$99 .....	...	...	—	—	...	12	...	...	—
\$100 to \$149 .....	...	...	75	8	...	58	...	...	—
\$150 to \$199 .....	...	23	96	41	...	42	...	...	—
\$200 to \$299 .....	...	521	216	105	...	68	...	...	—
\$300 to \$399 .....	...	906	76	32	...	50	...	...	—
\$400 or more .....	...	100	19	—	...	43	...	...	—
No cash rent .....	...	13	25	22	...	17	...	...	—
Median .....	...	\$316	\$214	\$240	...	\$211	...	...	—

¹Persons of Spanish origin may be of any race.

Table 93. Structural Characteristics for Counties: 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]

Counties	Alcona	Alger	Allegan	Alpena	Antrim	Arenoc	Baraga	Barry	Bay	Benzie	Berrien	Branch
YEAR STRUCTURE BUILT												
Year-round housing units -----	6 650	3 918	28 985	12 479	8 430	7 466	3 451	17 743	43 116	4 896	65 635	15 947
1979 to March 1980 -----	251	73	811	455	291	291	102	442	791	161	1 057	287
1975 to 1978 -----	801	392	2 757	1 126	925	764	340	1 308	3 528	618	3 917	1 104
1970 to 1974 -----	1 366	585	4 326	1 591	1 754	1 374	436	2 196	5 158	832	7 394	1 868
1960 to 1969 -----	1 387	413	4 458	2 271	1 250	1 395	380	3 234	6 492	693	12 624	2 701
1950 to 1959 -----	1 027	405	3 647	1 982	879	1 154	287	2 496	6 887	439	11 931	1 820
1940 to 1949 -----	728	398	2 507	1 123	607	802	267	1 660	5 432	445	9 084	1 275
1939 or earlier -----	1 090	1 652	10 479	3 931	2 724	1 686	1 639	6 407	14 828	1 708	19 628	6 892
Owner-occupied housing units -----												
1979 to March 1980 -----	3 252	2 614	22 271	9 056	4 799	4 398	2 296	13 037	32 771	3 299	42 463	10 857
1975 to 1978 -----	82	49	595	139	151	135	55	304	545	101	652	182
1970 to 1974 -----	385	272	2 092	835	507	480	248	1 076	2 489	429	2 275	724
1960 to 1969 -----	705	402	3 484	1 154	1 006	819	286	1 767	3 509	604	4 223	1 262
1950 to 1959 -----	636	288	3 572	1 785	728	799	287	2 290	5 067	455	8 259	1 634
1940 to 1949 -----	385	272	2 805	1 537	432	568	204	1 705	5 977	273	8 292	1 227
1939 or earlier -----	362	281	1 826	801	344	485	168	1 191	4 045	291	5 482	763
Renter-occupied housing units -----												
1979 to March 1980 -----	463	665	4 961	2 095	924	701	633	2 396	8 577	709	17 813	3 157
1975 to 1978 -----	18	4	116	47	38	21	—	52	197	12	204	42
1970 to 1974 -----	40	51	463	224	44	49	72	133	893	38	1 390	243
1960 to 1969 -----	89	96	664	294	132	94	108	175	1 487	87	2 545	327
1950 to 1959 -----	65	49	696	227	124	108	54	377	1 272	70	3 461	523
1940 to 1949 -----	82	43	581	275	112	118	37	314	741	92	2 473	372
1939 or earlier -----	66	52	567	221	67	79	42	179	1 114	58	2 675	348
BEDROOMS												
Year-round housing units -----	6 650	3 918	28 985	12 479	8 430	7 466	3 451	17 743	43 116	4 896	65 635	15 947
None -----	194	57	184	91	64	106	75	162	448	51	997	139
1 -----	878	543	2 337	1 301	825	636	510	1 530	4 563	434	7 490	1 425
2 -----	3 108	1 392	9 004	3 816	2 845	3 149	1 113	5 880	13 056	1 831	22 117	5 197
3 -----	1 888	1 404	11 918	5 354	3 468	2 730	1 214	7 064	18 221	1 861	25 200	6 213
4 -----	460	417	4 492	1 576	961	630	466	2 432	5 676	535	7 778	2 349
5 or more -----	122	105	1 050	341	267	215	73	675	1 152	184	2 053	624
Owner-occupied housing units -----												
None -----	3 252	2 614	22 271	9 056	4 799	4 398	2 296	13 037	32 771	3 299	42 463	10 857
1 -----	8	14	46	14	18	21	9	27	50	11	83	25
2 -----	215	167	953	276	229	226	137	602	1 019	188	1 396	420
3 -----	1 351	829	6 079	2 482	1 414	1 510	701	3 691	9 072	1 123	12 043	3 042
4 -----	1 238	1 163	10 348	4 653	2 311	2 006	1 019	6 015	16 478	1 390	20 838	4 907
5 or more -----	336	344	3 922	1 344	637	484	373	2 130	5 103	457	6 511	1 931
Renter-occupied housing units -----												
None -----	463	665	4 961	2 095	924	701	633	2 396	8 577	709	17 813	3 157
1 -----	12	3	90	31	17	18	26	97	279	15	683	95
2 -----	72	195	1 129	665	201	155	237	532	3 149	132	4 957	800
3 -----	248	308	2 233	843	388	325	199	982	3 354	318	7 961	1 273
4 -----	92	112	1 012	376	222	138	110	538	1 372	175	3 031	651
5 or more -----	33	44	416	135	65	53	53	184	360	34	881	278
STORIES IN STRUCTURE												
Year-round housing units -----	6 650	3 918	28 985	12 479	8 430	7 466	3 451	17 743	43 116	4 896	65 635	15 947
1 to 3 -----	6 650	3 918	28 985	12 479	8 419	7 466	3 449	17 714	42 511	4 896	65 015	15 806
4 to 6 -----	—	—	—	—	11	—	2	29	306	—	266	141
7 to 12 -----	—	—	—	—	—	—	—	—	292	—	241	—
13 or more -----	—	—	—	—	—	—	—	—	7	—	113	—
PASSENGER ELEVATOR												
Year-round housing units -----	6 650	3 918	28 985	12 479	8 430	7 466	3 451	17 743	43 116	4 896	65 635	15 947
Structures with 4 or more stories -----	—	—	—	—	11	—	2	29	605	—	620	141
With elevator -----	—	—	—	—	—	—	2	—	512	—	479	137
UNITS IN STRUCTURE												
Year-round housing units -----	6 650	3 918	28 985	12 479	8 430	7 466	3 451	17 743	43 116	4 896	65 635	15 947
1, detached -----	5 316	3 039	22 910	9 604	7 057	6 094	2 630	14 986	33 209	3 962	48 734	12 306
1, attached -----	20	20	280	74	32	23	29	79	614	10	1 185	128
2 -----	113	178	1 001	612	208	107	159	580	2 040	131	4 035	611
3 and 4 -----	147	179	583	496	152	104	74	249	1 689	120	2 667	462
5 to 9 -----	112	75	415	349	71	81	94	233	1 216	34	1 699	341
10 to 49 -----	120	107	678	279	182	110	158	170	1 356	—	3 443	214
50 or more -----	—	—	106	165	—	—	8	2	865	8	1 257	147
Mobile home or trailer, etc. -----	822	320	3 012	900	728	947	299	1 444	2 127	631	2 615	1 738
Owner-occupied housing units -----												
1, detached -----	3 252	2 614	22 271	9 056	4 799	4 398	2 296	13 037	32 771	3 299	42 463	10 857
1, attached -----	2 906	2 233	19 192	8 150	4 222	3 767	2 021	11 835	29 672	2 821	38 628	9 522
2 -----	10	16	117	16	14	9	4	49	288	6	288	37
3 -----	22	71	365	145	81	33	47	160	584	32	1 046	117
3 and 4 -----	28	40	81	120	35	37	7	26	265	36	301	64
5 or more -----	20	19	197	99	59	21	18	85	155	12	331	64
Mobile home or trailer, etc. -----	266	235	2 319	526	388	531	199	882	1 807	392	1 869	1 053
Renter-occupied housing units -----												
1, detached -----	463	665	4 961	2 095	924	701	633	2 396	8 577	709	17 813	3 157
1, attached -----	311	295	2 472	687	567	397	293	1 344	2 568	469	6 857	1 361
2 -----	3	4	126	58	16	9	15	16	295	—	832	78
3 -----	28	63	532	385	72	42	70	332	1 258	83	2 610	424
3 and 4 -----	17	116	462	319	87	33	44	188	1 221	44	1 941	348
5 to 9 -----	9	48	326	219	20	55	57	158	992	25	1 222	283
10 to 49 -----	22	78	504	149	53	50	105	122	1 151	—	2 817	181
50 or more -----	—	—	85	91	—	—	8	2	847	—	1 004	140
Mobile home or trailer, etc. -----	73	61	454	187	109	115	41	234	245	88	580	342
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units -----	373	594	4 154	1 961	783	563	547	2 028	8 209	582	16 360	2 725
1, mobile home or trailer, etc. -----	297	289	2 245	798	551	383	263	1 226	2 740	430	6 766	1 349
Median gross rent -----	\$199	\$220	\$244	\$229	\$248	\$214	\$185	\$254	\$267	\$220	\$255	\$258
2 or more -----	76	305	1 909	1 163	232	180	284	802	5 469	152	9 594	1 376
Median gross rent -----	\$163	\$156	\$211	\$183	\$205	\$176	\$142	\$195	\$213	\$202	\$223	\$204

Table 93. Structural Characteristics for Counties: 1980—Con.

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

Counties	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crowford	Delta	Ockinson	Eaton	Emmet
YEAR STRUCTURE BUILT												
Year-round housing units -----	53 967	18 657	8 835	9 736	12 517	11 475	18 427	5 835	14 910	10 307	31 429	10 354
1979 to March 1980 -----	1 058	460	274	297	317	479	511	172	288	311	1 855	615
1975 to 1978 -----	2 580	1 473	1 103	1 081	1 159	1 181	1 956	1 197	1 492	793	4 334	1 064
1970 to 1974 -----	5 061	2 366	1 597	1 713	2 211	2 180	2 718	1 339	1 866	755	5 418	1 722
1960 to 1969 -----	8 328	3 370	1 227	1 844	2 414	3 103	3 214	1 153	1 665	982	6 040	1 400
1950 to 1959 -----	9 422	2 796	764	1 180	1 577	1 760	2 107	728	1 584	678	3 043	981
1940 to 1949 -----	6 921	2 114	637	789	1 388	1 026	1 337	483	1 285	725	1 855	794
1939 or earlier -----	20 597	6 078	3 233	2 832	4 451	1 746	6 584	7 633	6 730	6 063	8 884	3 778
Owner-occupied housing units -----	37 407	13 841	5 574	5 994	7 537	7 166	14 987	2 765	10 555	7 761	22 168	6 077
1979 to March 1980 -----	441	312	154	157	186	141	440	80	216	214	856	235
1975 to 1978 -----	1 735	1 158	671	671	855	722	1 651	502	1 086	637	2 494	704
1970 to 1974 -----	2 708	1 690	1 039	1 141	897	1 431	2 359	668	1 360	572	3 573	1 137
1960 to 1969 -----	6 061	2 612	830	1 156	1 014	1 884	2 712	623	1 379	787	4 629	848
1950 to 1959 -----	7 482	2 179	504	642	1 032	1 121	1 724	267	1 321	591	2 522	591
1940 to 1949 -----	4 737	1 525	359	428	867	667	925	214	924	554	1 339	429
1939 or earlier -----	14 243	4 365	2 071	1 799	2 686	1 200	5 106	411	4 269	4 406	6 755	2 133
Renter-occupied housing units -----	13 716	3 395	1 482	1 283	2 394	1 520	2 768	550	3 013	1 775	7 969	2 030
1979 to March 1980 -----	404	75	41	27	19	195	20	21	59	743	206	133
1975 to 1978 -----	771	239	200	111	124	195	20	75	280	98	1 631	133
1970 to 1974 -----	2 166	527	215	214	140	209	280	145	372	150	1 675	212
1960 to 1969 -----	1 935	491	158	203	555	254	429	72	152	132	1 281	241
1950 to 1959 -----	1 660	361	80	114	258	204	320	88	136	45	425	184
1940 to 1949 -----	1 781	413	131	96	260	148	260	24	231	119	439	184
1939 or earlier -----	4 999	1 289	657	518	1 038	315	1 218	125	1 813	1 172	1 775	870
BEDROOMS												
Year-round housing units -----	53 967	18 657	8 835	9 736	12 517	11 475	18 427	5 835	14 910	10 307	31 429	10 354
None -----	668	87	63	104	166	170	113	134	176	107	194	201
1 -----	6 790	1 662	855	797	1 549	1 439	1 005	699	1 843	948	3 460	1 262
2 -----	17 699	6 401	2 957	3 814	4 159	5 533	4 624	2 587	4 893	3 510	8 826	3 054
3 -----	21 029	7 670	3 486	3 665	4 814	3 286	8 753	1 875	5 954	4 303	13 211	3 962
4 -----	6 404	2 290	1 099	1 058	1 526	3 035	3 056	464	1 625	1 200	4 826	1 343
5 or more -----	1 377	547	375	298	303	201	897	76	419	239	912	532
Owner-occupied housing units -----	37 407	13 841	5 574	5 994	7 537	7 166	14 987	2 765	10 555	7 761	22 168	6 077
None -----	28	7	26	17	18	15	15	18	13	20	30	30
1 -----	1 486	4 346	259	270	368	536	371	167	469	353	532	263
2 -----	11 228	4 736	1 670	2 014	2 613	3 177	3 177	1 026	3 139	2 431	4 636	1 584
3 -----	17 968	6 395	2 498	2 658	3 205	2 614	7 914	1 185	5 111	3 741	11 677	2 820
4 -----	5 566	1 925	846	820	1 080	679	2 718	334	1 452	1 032	4 486	1 023
5 or more -----	1 131	432	275	215	253	175	792	53	366	191	817	357
Renter-occupied housing units -----	13 716	3 395	1 482	1 283	2 394	1 520	2 768	550	3 013	1 775	7 969	2 030
None -----	542	50	23	50	81	46	64	6	69	76	161	83
1 -----	4 607	732	405	268	713	352	535	135	1 054	485	2 649	645
2 -----	5 319	1 441	597	580	773	807	1 240	268	1 200	744	3 698	686
3 -----	2 412	843	349	267	592	251	617	100	528	335	1 168	458
4 -----	655	247	86	92	212	51	221	34	131	113	226	114
5 or more -----	181	82	22	26	23	13	91	7	31	22	67	44
STORIES IN STRUCTURE												
Year-round housing units -----	53 967	18 657	8 835	9 736	12 517	11 475	18 427	5 835	14 910	10 307	31 429	10 354
1 to 3 -----	53 305	18 578	8 797	9 736	12 433	11 385	18 420	5 835	14 555	10 307	31 243	10 337
4 to 6 -----	310	79	38	—	84	7	—	—	164	—	185	17
7 to 12 -----	352	—	—	—	—	—	—	—	—	—	—	—
13 or more -----	—	—	—	—	—	—	—	—	191	—	1	—
PASSENGER ELEVATOR												
Year-round housing units -----	53 967	18 657	8 835	9 736	12 517	11 475	18 427	5 835	14 910	10 307	31 429	10 354
Structures with 4 or more stories -----	662	79	38	—	84	90	7	—	355	—	186	17
With elevator -----	549	70	38	—	66	90	—	—	350	—	170	7
UNITS IN STRUCTURE												
Year-round housing units -----	53 967	18 657	8 835	9 736	12 517	11 475	18 427	5 835	14 910	10 307	31 429	10 354
1, detached -----	40 241	15 377	6 822	7 858	8 434	9 115	15 180	4 565	10 942	8 476	22 659	7 754
1, attached -----	819	121	63	36	654	83	142	27	152	49	591	62
2 -----	2 911	503	330	259	790	248	629	61	1 167	698	1 221	403
3 and 4 -----	2 335	288	235	162	510	111	362	185	479	225	933	437
5 to 9 -----	1 366	271	231	169	401	170	229	66	387	100	879	343
10 to 49 -----	3 191	270	220	252	288	190	444	180	226	298	3 411	414
50 or more -----	785	137	48	—	140	90	17	—	417	13	498	97
Mobile home or trailer, etc. -----	2 319	1 690	886	1 000	1 300	1 468	1 424	751	1 140	448	1 237	844
Owner-occupied housing units -----	37 407	13 841	5 574	5 994	7 537	7 166	14 987	2 765	10 555	7 761	22 168	6 077
1, detached -----	34 439	12 310	4 727	5 167	6 164	6 176	13 436	2 348	9 047	7 089	20 180	5 246
1, attached -----	227	70	27	30	26	46	74	4	67	39	188	26
2 -----	632	168	75	56	233	65	200	13	371	192	373	102
3 and 4 -----	222	80	46	21	83	26	63	31	111	18	149	58
5 or more -----	146	71	58	47	52	79	67	37	106	47	231	98
Mobile home or trailer, etc. -----	1 741	1 091	628	662	979	816	1 135	302	853	376	1 047	547
Renter-occupied housing units -----	13 716	3 395	1 482	1 283	2 394	1 520	2 768	550	3 013	1 775	7 969	2 030
1, detached -----	4 279	2 003	784	675	898	810	1 280	264	1 066	813	1 884	925
1, attached -----	496	43	26	2	90	33	64	23	68	—	363	20
2 -----	1 942	271	180	149	435	124	360	30	661	429	773	196
3 and 4 -----	1 893	166	136	105	327	66	279	93	309	155	696	255
5 to 9 -----	1 184	167	144	52	225	137	196	15	251	81	671	161
10 to 49 -----	2 788	218	98	150	220	145	336	47	136	267	3 015	247
50 or more -----	691	84	—	—	71	41	17	—	412	—	430	86
Mobile home or trailer, etc. -----	443	443	114	150	128	164	236	78	110	30	137	140
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units -----	12 996	2 780	1 338	1 131	2 258	1 339	2 292	506	2 864	1 714	7 352	1 851
1, mobile home or trailer, etc. -----	4 498	1 874	780	675	2 258	826	1 104	321	1 095	782	1 767	906
Median gross rent -----	\$249	\$242	\$258	\$230	\$232	\$243	\$269	\$263	\$229	\$252	\$288	\$257
2 or more -----	8 498	906	558	456	1 278	513	1 188	185	1 769	932	5 585	945
Median gross rent -----	\$212	\$198	\$199	\$181	\$162	\$171	\$227	\$171	\$167	\$197	\$258	\$197

Table 93. Structural Characteristics for Counties: 1980—Con.

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

Counties	Genesee	Gladwin	Gogebic	Grand Traverse	Grafton	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco	Iron
YEAR STRUCTURE BUILT												
Year-round housing units -----	162 593	11 975	8 960	21 846	14 214	16 324	14 501	15 060	99 453	17 175	16 296	6 188
1979 to March 1980 -----	3 985	399	150	1 565	222	328	217	362	2 973	384	505	133
1975 to 1978 -----	10 958	1 351	421	3 969	973	1 241	859	996	7 291	1 438	1 278	428
1970 to 1974 -----	20 964	2 440	520	3 666	1 469	2 107	830	1 645	13 081	2 026	2 099	472
1960 to 1969 -----	36 634	3 168	509	3 184	1 794	2 354	1 291	2 106	21 620	2 301	4 195	342
1950 to 1959 -----	34 396	1 946	695	2 535	1 626	1 324	590	2 242	18 606	1 527	3 805	642
1940 to 1949 -----	20 345	1 052	893	1 472	1 432	1 024	564	1 644	11 161	1 256	2 124	608
1939 or earlier -----	35 311	1 619	5 772	5 455	6 698	7 946	10 150	6 065	24 721	8 243	2 290	3 563
Owner-occupied housing units -----												
1979 to March 1980 -----	115 594	6 089	6 174	14 437	10 375	11 467	9 198	10 540	55 741	12 763	7 125	4 473
1975 to 1978 -----	2 555	182	69	824	151	242	85	201	1 557	256	219	63
1970 to 1974 -----	7 223	694	251	2 955	571	860	480	751	3 631	1 000	727	296
1960 to 1969 -----	13 676	1 185	345	2 681	1 100	1 371	637	1 227	5 132	1 511	1 152	245
1950 to 1959 -----	25 903	1 424	256	2 008	1 380	1 553	658	1 336	10 460	1 713	1 574	279
1940 to 1949 -----	17 996	948	465	1 745	1 166	946	345	1 532	12 609	1 161	1 278	531
1939 or earlier -----	13 934	544	551	901	962	732	347	1 075	6 695	797	856	447
1939 or earlier -----	24 917	1 112	4 237	3 323	5 045	5 763	6 646	4 418	15 657	6 325	1 319	2 612
Renter-occupied housing units -----												
1979 to March 1980 -----	39 047	1 070	1 404	4 730	2 944	2 916	3 777	2 224	39 438	3 467	3 037	957
1975 to 1978 -----	957	79	18	362	60	23	66	15	784	83	76	6
1970 to 1974 -----	2 803	129	53	658	369	175	322	148	3 395	383	227	86
1960 to 1969 -----	6 283	229	95	564	314	371	121	116	7 510	468	214	168
1950 to 1959 -----	9 196	177	137	693	338	380	569	228	10 411	479	956	38
1940 to 1949 -----	5 935	153	89	484	308	228	169	308	5 483	284	830	41
1939 or earlier -----	5 396	104	178	380	339	225	150	322	3 983	322	380	70
1939 or earlier -----	8 477	199	834	1 589	1 216	1 514	2 380	1 087	7 872	1 448	354	548
BEDROOMS												
Year-round housing units -----												
None -----	1 285	135	215	263	14	125	309	85	1 680	95	348	64
1 -----	16 977	1 534	1 110	2 232	1 199	1 437	1 745	1 214	16 458	1 383	2 271	732
2 -----	53 240	6 019	3 098	7 122	4 226	4 942	4 365	4 821	32 913	4 933	6 691	2 134
3 -----	69 907	3 473	3 511	9 015	5 954	6 645	5 667	5 797	33 960	7 065	5 624	2 306
4 -----	17 996	668	836	2 514	2 191	2 452	1 902	1 779	11 779	2 808	1 135	762
5 or more -----	3 188	146	190	700	630	723	513	776	2 663	891	227	190
Owner-occupied housing units -----												
None -----	103	31	26	52	12	44	17	40	19	20	2	2
1 -----	3 038	330	387	520	382	467	397	413	1 784	358	328	301
2 -----	31 754	2 517	2 018	3 998	2 663	3 131	2 371	2 950	14 015	3 178	2 747	1 495
3 -----	61 651	2 563	2 902	7 094	4 955	5 221	4 337	4 621	27 695	5 996	3 105	1 883
4 -----	16 307	542	693	2 155	1 847	2 068	1 631	1 928	10 124	2 447	733	628
5 or more -----	2 741	106	148	618	516	563	418	611	2 083	765	192	164
Renter-occupied housing units -----												
None -----	1 050	19	87	175	—	67	229	17	1 451	50	56	32
1 -----	12 159	270	437	1 193	730	729	1 161	454	13 514	889	497	308
2 -----	17 801	494	511	2 000	1 198	1 068	1 438	790	17 265	1 389	872	346
3 -----	6 382	219	266	1 051	683	684	715	548	5 246	781	1 340	183
4 -----	1 337	47	84	248	254	255	168	290	1 414	250	247	79
5 or more -----	318	21	19	63	79	113	66	125	548	108	25	9
STORIES IN STRUCTURE												
Year-round housing units -----												
1 to 3 -----	162 593	11 975	8 960	21 846	14 214	16 324	14 501	15 060	99 453	17 175	16 296	6 188
4 to 6 -----	161 199	11 848	8 955	21 677	14 184	16 240	14 266	15 057	97 301	17 138	16 248	6 164
7 to 12 -----	728	127	5	66	30	84	129	3	1 255	37	48	24
13 or more -----	627	—	—	103	—	—	106	—	798	—	—	—
39 -----	39	—	—	—	—	—	—	—	99	—	—	—
PASSENGER ELEVATOR												
Year-round housing units -----												
Structures with 4 or more stories -----	162 593	11 975	8 960	21 846	14 214	16 324	14 501	15 060	99 453	17 175	16 296	6 188
With elevator -----	1 394	127	5	169	30	84	235	3	2 152	37	48	24
-----	1 238	127	5	144	30	42	220	—	1 650	33	48	18
UNITS IN STRUCTURE												
Year-round housing units -----												
1, detached -----	162 593	11 975	8 960	21 846	14 214	16 324	14 501	15 060	99 453	17 175	16 296	6 188
1, attached -----	121 650	9 497	7 453	16 125	11 497	12 835	10 187	12 846	60 889	13 407	12 579	5 224
2 -----	3 375	39	60	141	123	82	391	143	3 949	136	184	11
3 -----	6 355	147	406	1 006	518	606	910	394	5 756	673	614	375
3 and 4 -----	5 264	138	230	523	328	399	540	172	3 643	432	300	96
5 to 9 -----	4 843	59	146	663	281	261	884	224	4 549	257	616	97
10 to 49 -----	9 704	66	210	753	325	305	606	226	14 632	415	537	175
50 or more -----	3 162	112	77	240	45	96	204	7	3 118	145	4	—
Mobile home or trailer, etc. -----	8 240	1 917	378	2 395	1 097	1 740	779	1 048	2 917	1 710	1 462	210
Owner-occupied housing units -----												
1, detached -----	115 594	6 089	6 174	14 437	10 375	11 467	9 198	10 540	55 741	12 763	7 125	4 473
1, attached -----	104 591	5 099	5 689	12 292	9 242	9 955	7 966	9 589	50 751	11 156	6 379	4 195
2 -----	1 408	22	28	61	55	53	254	69	662	44	8	6
3 -----	1 694	31	136	216	137	185	303	124	1 051	192	68	87
3 and 4 -----	1 016	30	17	112	44	71	37	33	353	38	18	11
5 or more -----	813	21	28	150	64	47	67	53	606	36	94	23
Mobile home or trailer, etc. -----	6 072	886	276	1 606	833	1 156	571	672	2 318	1 297	558	151
Renter-occupied housing units -----												
1, detached -----	39 047	1 070	1 404	4 730	2 944	2 916	3 777	2 224	39 438	3 467	3 037	957
1, attached -----	13 375	559	626	2 016	1 531	1 398	1 170	1 505	8 400	1 574	1 359	418
2 -----	1 675	13	30	59	65	20	92	26	2 985	87	148	5
3 -----	4 004	52	218	650	328	346	501	212	4 269	429	444	220
3 and 4 -----	3 713	55	183	309	255	279	419	111	3 038	341	243	63
5 to 9 -----	3 794	43	87	442	225	210	766	111	4 033	225	449	74
10 to 49 -----	8 298	60	146	572	300	256	531	130	13 287	364	271	160
50 or more -----	2 826	105	73	210	45	92	191	—	2 921	133	2	—
Mobile home or trailer, etc. -----	1 362	183	41	472	195	315	107	129	505	314	121	17
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units -----												
1, mobile home or trailer, etc. -----	37 623	902	1 320	4 430	2 421	2 358	3 595	1 640	38 333	3 005	2 842	887
Median gross rent -----	14 988	587	613	2 247	1 268	1 175	1 187	1 076	10 785	1 513	1 433	370
2 or more -----	\$282	\$236	\$214	\$289	\$243	\$247	\$232	\$224	\$295	\$248	\$208	\$183
2 or more -----	22 635	315	707	2 183	1 153	1 183	2 408	564	27 548	1 492	1 409	517
Median gross rent -----	\$243	\$128	\$137	\$251	\$189	\$190	\$181	\$186	\$244	\$183	\$189	\$155

Table 93. Structural Characteristics for Counties: 1980—Con.

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

Counties	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Loke	Lapeer	Leelanau	Lenawee	Livingston	Lucas
YEAR STRUCTURE BUILT												
Year-round housing units	17 376	53 629	79 333	4 649	163 461	1 168	7 721	22 314	7 221	33 533	33 261	2 438
1979 to March 1980	690	1 033	2 730	181	5 584	12	166	1 117	339	588	1 913	81
1975 to 1978	1 941	3 982	7 104	773	14 551	55	721	2 933	1 042	2 075	5 636	228
1970 to 1974	2 944	6 029	9 647	1 157	19 027	49	1 232	4 182	1 265	3 791	7 533	413
1960 to 1969	3 593	8 266	15 823	922	27 966	56	1 756	3 478	1 268	4 458	5 536	350
1950 to 1959	2 041	7 843	14 072	522	27 288	102	1 361	2 420	784	5 205	3 592	286
1940 to 1949	1 364	5 946	8 495	309	18 587	38	746	1 585	549	3 424	2 394	342
1939 or earlier	4 802	20 530	21 462	785	50 458	856	1 739	6 599	1 974	13 992	6 657	738
Owner-occupied housing units	10 752	38 396	49 511	3 213	111 706	702	2 582	17 441	4 019	23 374	26 180	1 822
1979 to March 1980	309	773	1 011	111	2 870	2	55	719	180	341	1 421	26
1975 to 1978	1 371	2 430	3 726	534	8 360	36	247	2 602	631	1 628	4 851	165
1970 to 1974	1 745	4 082	4 755	796	11 158	33	375	3 311	721	2 714	5 870	320
1960 to 1969	1 982	6 383	10 028	655	20 525	13	552	2 955	658	2 978	4 411	293
1950 to 1959	1 207	6 147	10 831	322	23 301	19	390	1 916	403	3 716	2 929	222
1940 to 1949	741	4 207	5 849	202	13 347	24	257	1 127	307	2 288	1 773	259
1939 or earlier	3 397	14 374	13 311	593	32 145	575	706	4 811	1 119	9 709	4 925	537
Renter-occupied housing units	5 292	12 578	25 894	582	43 892	131	468	3 761	1 004	6 670	5 164	370
1979 to March 1980	213	115	884	14	1 729	4	5	222	23	102	141	44
1975 to 1978	434	1 365	3 137	68	5 533	—	44	269	110	246	506	36
1970 to 1974	1 005	1 667	4 525	165	7 156	2	61	696	108	713	1 249	62
1960 to 1969	1 415	1 510	5 381	102	6 691	10	87	400	156	887	881	27
1950 to 1959	686	1 397	2 890	84	3 480	32	99	423	128	831	499	29
1940 to 1949	503	1 534	2 309	49	4 494	—	62	359	67	778	476	49
1939 or earlier	1 036	4 990	6 768	100	14 809	83	110	1 392	412	3 113	1 412	123
BEDROOMS												
Year-round housing units	17 376	53 629	79 333	4 649	163 461	1 168	7 721	22 314	7 221	33 533	33 261	2 438
None	147	727	1 108	27	1 759	17	101	73	121	333	195	26
1	1 873	6 053	11 489	485	19 598	163	1 368	1 729	569	2 917	2 031	290
2	6 360	16 824	25 049	1 771	50 226	409	3 749	5 507	2 337	9 827	8 277	882
3	6 102	21 751	29 456	1 845	65 071	438	1 710	11 084	3 046	14 277	15 221	877
4	2 261	6 766	10 331	411	22 734	116	608	3 050	5 037	6 240	6 240	284
5 or more	633	1 508	1 900	110	4 073	25	185	871	358	1 142	1 297	79
Owner-occupied housing units	10 752	38 396	49 511	3 213	111 706	702	2 582	17 441	4 019	23 374	26 180	1 822
None	20	78	36	15	97	—	19	22	11	42	35	8
1	331	1 576	1 456	219	3 081	71	251	526	182	650	580	108
2	2 986	10 559	12 568	1 140	27 827	248	1 251	3 643	1 072	5 614	5 154	631
3	5 050	18 877	24 889	1 449	56 489	282	696	9 863	1 972	11 861	13 615	748
4	1 873	6 015	8 982	311	20 576	87	277	2 665	548	4 306	5 648	257
5 or more	492	1 291	1 580	79	3 636	14	88	722	234	901	1 148	70
Renter-occupied housing units	5 292	12 578	25 894	582	43 892	131	468	3 761	1 004	6 670	5 164	370
None	94	421	940	—	1 342	—	8	40	33	200	121	6
1	1 361	3 975	9 112	124	14 633	18	113	1 441	327	1 786	1 198	119
2	2 851	5 259	10 954	232	19 346	42	198	1 447	386	2 605	2 538	137
3	632	2 181	3 593	175	6 709	55	110	873	339	1 416	878	89
4	240	563	1 046	34	1 509	13	25	254	59	481	337	19
5 or more	114	179	249	17	353	3	14	106	60	182	92	—
STORIES IN STRUCTURE												
Year-round housing units	17 376	53 629	79 333	4 649	163 461	1 168	7 721	22 314	7 221	33 533	33 261	2 438
1 to 3	17 082	52 645	78 266	4 649	161 091	1 168	7 721	22 235	7 221	33 238	33 252	2 438
4 to 6	36	904	904	—	1 466	—	—	79	—	60	9	—
7 to 12	258	80	163	—	840	—	—	—	—	221	—	—
13 or more	—	—	—	—	64	—	—	—	—	14	—	—
PASSENGER ELEVATOR												
Year-round housing units	17 376	53 629	79 333	4 649	163 461	1 168	7 721	22 314	7 221	33 533	33 261	2 438
Structures with 4 or more stories	294	984	1 067	—	2 370	—	—	79	—	295	9	—
With elevator	294	852	647	—	2 018	—	—	68	—	243	—	—
UNITS IN STRUCTURE												
Year-round housing units	17 376	53 629	79 333	4 649	163 461	1 168	7 721	22 314	7 221	33 533	33 261	2 438
1, detached	11 549	40 814	52 606	3 455	112 110	957	6 169	18 323	5 808	26 803	27 532	1 900
1, attached	201	723	1 777	7	3 348	84	16	272	44	302	341	11
2	623	2 865	4 486	82	14 217	64	49	688	216	1 847	1 169	72
3 and 4	496	2 073	3 844	29	7 072	15	85	606	90	1 082	365	29
5 to 9	467	936	3 224	34	5 328	8	12	451	262	810	655	3
10 to 49	1 487	2 171	9 317	77	11 685	3	25	317	279	575	1 344	89
50 or more	555	1 118	1 583	—	3 525	—	—	206	6	382	127	—
Mobile home or trailer, etc.	1 998	2 929	2 496	965	6 176	37	1 365	1 451	516	1 732	1 728	334
Owner-occupied housing units	10 752	38 396	49 511	3 213	111 706	702	2 582	17 441	4 019	23 374	26 180	1 822
1, detached	9 203	34 890	45 312	2 582	100 351	587	2 140	15 895	3 571	21 170	23 982	1 550
1, attached	68	171	515	5	1 168	62	12	80	9	123	157	7
2	107	734	963	29	2 870	30	21	219	62	610	302	28
3 and 4	66	154	300	7	608	4	23	133	19	129	62	6
5 or more	51	169	472	15	1 411	3	7	88	100	101	193	11
Mobile home or trailer, etc.	1 257	2 278	1 949	575	5 298	16	379	1 026	258	1 241	1 484	220
Renter-occupied housing units	5 292	12 578	25 894	582	43 892	131	468	3 761	1 004	6 670	5 164	370
1, detached	1 498	4 411	5 733	313	8 661	104	346	1 687	680	2 864	2 120	182
1, attached	110	504	1 092	2	1 747	7	—	141	11	153	149	4
2	461	1 954	3 180	42	9 941	8	7	434	62	1 075	812	32
3 and 4	419	1 717	3 134	7	5 703	5	28	428	42	834	295	16
5 to 9	418	786	2 871	10	4 020	2	6	352	40	707	491	3
10 to 49	1 449	1 938	7 960	59	10 122	—	—	203	34	443	1 005	65
50 or more	447	849	1 482	—	3 032	—	—	183	—	342	82	—
Mobile home or trailer, etc.	490	419	482	149	666	5	80	333	135	252	210	68
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	4 938	11 806	25 042	521	42 651	92	370	3 161	785	5 821	4 629	318
1, mobile home or trailer, etc.	1 744	4 562	6 415	403	9 833	77	328	1 561	607	2 420	1 944	202
Median gross rent	\$246	\$270	\$281	\$265	\$274	\$210	\$214	\$255	\$255	\$315	\$315	\$210
2 or more	3 194	7 244	18 627	118	32 818	15	42	1 600	178	3 401	2 685	116
Median gross rent	\$211	\$216	\$231	\$211	\$218	\$181	\$100—	\$225	\$259	\$231	\$281	\$181

Table 93. Structural Characteristics for Counties: 1980—Con.

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

Counties	Mackinac	Mocamb	Manistee	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm	Montmaren-cy
YEAR STRUCTURE BUILT												
Year-round housing units	4 382	236 435	9 901	26 900	12 026	14 642	10 310	26 075	4 083	45 124	18 564	5 014
1979 to March 1980	109	8 755	197	937	217	542	290	796	143	1 349	463	221
1975 to 1978	423	22 964	688	3 433	1 109	1 511	917	3 296	480	4 049	1 560	678
1970 to 1974	507	34 487	1 175	3 394	1 456	2 799	1 046	3 556	668	6 334	2 458	964
1960 to 1969	680	70 424	1 422	3 813	1 611	3 260	986	6 379	597	6 577	2 834	1 145
1950 to 1959	691	59 531	1 181	3 504	1 589	1 680	1 219	5 127	451	7 838	2 403	760
1940 to 1949	523	20 151	907	1 915	1 353	1 130	1 256	2 874	284	5 482	1 547	551
1939 or earlier	1 449	20 123	4 331	9 904	4 691	3 720	4 596	4 047	1 460	13 495	7 299	695
Owner-occupied housing units	2 941	182 501	6 752	15 738	7 601	7 934	7 472	19 303	2 974	33 963	13 360	2 453
1979 to March 1980	73	5 604	137	318	155	239	207	480	102	998	260	87
1975 to 1978	330	17 207	472	2 200	580	914	695	2 376	392	2 937	1 123	308
1970 to 1974	384	22 681	764	1 953	864	1 397	701	2 605	530	4 602	1 864	512
1960 to 1969	449	54 290	977	2 086	1 048	1 596	712	4 581	384	5 331	2 088	478
1950 to 1959	463	52 095	841	2 066	1 048	747	964	4 073	290	6 554	1 771	358
1940 to 1949	352	15 866	607	1 238	819	544	954	2 124	198	3 961	1 029	283
1939 or earlier	890	14 758	2 954	5 877	3 087	2 497	3 239	3 064	1 078	9 580	5 225	427
Renter-occupied housing units	739	47 319	1 738	8 776	2 092	3 200	1 811	5 195	453	9 147	3 183	361
1979 to March 1980	20	1 286	12	359	18	152	43	164	2	145	89	20
1975 to 1978	39	4 851	94	949	289	192	121	759	46	937	275	39
1970 to 1974	51	10 880	196	1 211	224	584	243	760	50	1 574	381	67
1960 to 1969	101	15 119	214	1 397	198	734	190	1 414	66	1 045	378	69
1950 to 1959	107	6 668	185	1 264	167	414	132	748	40	1 024	350	63
1940 to 1949	100	3 842	161	525	262	293	187	612	37	1 244	323	41
1939 or earlier	321	4 673	876	3 071	934	831	895	738	212	3 178	1 387	62
BEDROOMS												
Year-round housing units	4 382	236 435	9 901	26 900	12 026	14 642	10 310	26 075	4 083	45 124	18 564	5 014
None	60	1 100	139	430	95	182	70	209	62	337	154	89
1	546	23 383	1 151	4 154	1 370	1 728	1 154	2 318	316	4 065	1 608	694
2	1 537	57 168	3 457	8 499	4 206	6 094	3 249	7 256	1 432	12 758	6 865	2 403
3	1 656	123 744	3 622	10 541	4 331	4 413	4 197	11 353	1 567	20 732	7 008	1 387
4	466	27 528	1 164	2 774	1 633	1 745	1 258	4 043	561	5 940	2 319	344
5 or more	117	3 512	368	502	391	480	382	896	145	1 292	610	97
Owner-occupied housing units	2 941	182 501	6 752	15 738	7 601	7 934	7 472	19 303	2 974	33 963	13 360	2 453
None	6	70	19	31	18	17	15	36	10	70	27	7
1	238	4 063	349	825	384	433	347	607	145	885	584	165
2	908	34 563	2 096	4 612	2 407	2 640	2 189	4 172	911	8 354	4 540	1 043
3	1 311	114 876	3 019	7 712	3 226	3 144	3 516	9 988	1 307	18 365	5 797	916
4	373	25 728	962	2 130	1 283	1 347	1 078	3 684	471	5 225	1 935	248
5 or more	105	3 201	307	428	283	353	327	816	130	1 064	477	74
Renter-occupied housing units	739	47 319	1 738	8 776	2 092	3 200	1 811	5 195	453	9 147	3 183	361
None	30	928	54	258	37	71	30	69	7	170	76	22
1	162	17 987	493	2 696	698	841	592	1 476	69	2 753	672	80
2	309	19 854	747	2 942	837	1 585	716	2 367	207	3 819	1 394	157
3	173	7 120	291	2 336	382	430	325	980	106	1 680	695	79
4	57	1 149	128	505	109	182	122	243	52	548	253	20
5 or more	8	281	25	39	29	91	26	60	12	177	93	3
STORIES IN STRUCTURE												
Year-round housing units	4 382	236 435	9 901	26 900	12 026	14 642	10 310	26 075	4 083	45 124	18 564	5 014
1 to 3	4 379	234 789	9 773	26 309	11 864	14 622	10 220	25 884	4 083	44 610	18 564	5 014
4 to 6	3	571	128	258	7	20	90	12	—	214	—	—
7 to 12	—	694	—	333	155	—	—	179	—	295	—	—
13 or more	—	381	—	—	—	—	—	—	—	5	—	—
PASSENGER ELEVATOR												
Year-round housing units	4 382	236 435	9 901	26 900	12 026	14 642	10 310	26 075	4 083	45 124	18 564	5 014
Structures with 4 or more stories	3	1 646	128	591	162	20	90	191	—	514	—	—
With elevator	—	1 560	109	485	155	—	90	184	—	467	—	—
UNITS IN STRUCTURE												
Year-round housing units	4 382	236 435	9 901	26 900	12 026	14 642	10 310	26 075	4 083	45 124	18 564	5 014
1, detached	3 475	177 013	7 853	16 000	9 374	10 389	8 143	20 266	3 350	35 306	14 950	4 212
1, attached	20	9 752	52	1 463	88	111	42	293	5	452	91	10
2	136	3 653	589	2 673	622	460	720	591	76	2 074	585	103
3 and 4	173	5 587	351	1 377	292	555	275	446	17	1 032	374	32
5 to 9	95	14 854	107	1 095	312	313	250	650	12	949	176	43
10 to 49	40	13 411	101	1 537	250	568	123	1 272	14	1 692	410	112
50 or more	74	4 716	109	826	159	123	90	467	—	929	47	—
Mobile home or trailer, etc.	369	7 449	739	1 929	929	2 123	667	2 090	609	2 690	1 931	502
Owner-occupied housing units	2 941	182 501	6 752	15 738	7 601	7 934	7 472	19 303	2 974	33 963	13 360	2 453
1, detached	2 524	164 419	6 010	13 126	6 674	6 650	6 695	17 458	2 591	30 468	11 589	2 141
1, attached	10	4 831	19	234	59	12	15	94	2	156	41	6
2	61	1 076	166	770	152	106	197	98	21	591	149	50
3 and 4	37	1 670	81	117	22	36	39	70	5	163	41	2
5 or more	73	4 258	27	121	49	22	28	100	5	127	36	49
Mobile home or trailer, etc.	236	6 247	449	1 370	645	1 108	498	1 483	350	2 458	1 504	205
Renter-occupied housing units	739	47 319	1 738	8 776	2 092	3 200	1 811	5 195	453	9 147	3 183	361
1, detached	430	9 537	791	1 755	749	990	727	1 848	302	3 555	1 696	231
1, attached	6	4 311	22	1 178	23	98	5	186	—	277	43	—
2	56	2 453	362	1 651	390	314	443	433	34	1 301	340	15
3 and 4	108	3 646	224	1 130	235	498	206	299	10	772	308	9
5 to 9	56	11 405	74	817	233	297	188	480	8	793	136	21
10 to 49	5	10 802	71	1 191	173	501	68	1 096	8	1 421	367	25
50 or more	18	4 241	109	706	155	116	90	455	—	839	47	—
Mobile home or trailer, etc.	60	924	83	348	134	386	84	398	91	189	246	60
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	646	45 820	1 564	8 561	1 889	2 896	1 614	4 922	319	8 354	2 645	302
1, mobile home or trailer, etc.	403	13 273	722	3 066	703	1 170	619	2 159	259	3 228	1 447	232
Median gross rent	\$214	\$299	\$235	\$265	\$244	\$217	\$291	\$291	\$212	\$284	\$236	\$214
2 or more	243	32 547	842	5 495	1 186	1 726	995	2 763	60	5 126	1 198	70
Median gross rent	\$178	\$285	\$178	\$217	\$176	\$185	\$179	\$244	\$186	\$237	\$183	\$158

Table 93. Structural Characteristics for Counties: 1980—Con.

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

Counties	Muskegon	Newaygo	Oakland	Oceano	Ogemaw	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon
YEAR STRUCTURE BUILT												
Year-round housing units	57 694	13 834	371 516	8 346	12 793	4 055	8 328	4 695	6 154	52 817	5 822	12 948
1979 to March 1980	1 450	371	15 366	179	271	55	224	113	229	2 537	204	409
1975 to 1978	3 555	1 368	38 407	735	1 345	199	922	455	1 027	5 896	458	1 115
1970 to 1974	5 891	2 079	56 461	1 271	2 328	439	1 316	948	1 359	7 665	902	2 686
1960 to 1969	9 202	2 643	84 157	1 346	3 162	533	1 408	880	1 375	9 841	1 002	3 659
1950 to 1959	11 177	1 768	87 226	805	2 366	531	755	858	642	8 262	860	2 288
1940 to 1949	10 033	1 371	42 484	766	1 370	331	673	787	543	5 212	447	1 507
1939 or earlier	16 384	4 234	47 415	3 244	1 951	1 967	3 030	654	979	13 404	1 949	1 284
Owner-occupied housing units												
1979 to March 1980	41 207	10 198	264 178	6 166	4 991	2 930	5 440	2 188	4 033	41 520	4 356	5 577
1975 to 1978	942	293	7 914	144	103	40	158	50	127	1 685	120	121
1970 to 1974	2 600	1 064	25 145	567	615	149	618	246	675	4 794	328	604
1960 to 1969	3 619	1 586	33 968	960	935	345	825	520	965	6 316	730	1 186
1950 to 1959	6 741	1 926	55 372	1 073	1 066	371	798	458	927	8 177	725	1 526
1940 to 1949	9 037	1 360	72 683	597	636	371	512	323	410	7 018	653	924
1939 or earlier	6 936	908	33 511	525	545	248	396	279	281	3 851	349	664
	11 332	3 061	35 585	2 300	1 091	1 406	2 133	312	648	9 679	1 451	552
Renter-occupied housing units												
1979 to March 1980	13 319	1 936	91 009	1 252	949	594	1 118	329	888	8 929	652	942
1975 to 1978	349	15	3 102	15	2	2	7	3	16	468	4	97
1970 to 1974	755	142	11 427	50	40	23	111	20	156	888	41	58
1960 to 1969	1 962	244	19 753	169	117	28	149	79	112	1 098	89	151
1950 to 1959	2 024	323	26 328	168	201	97	178	42	140	1 366	95	175
1940 to 1949	1 678	233	12 730	140	174	111	57	32	80	959	73	191
1939 or earlier	2 514	255	7 642	156	162	46	133	80	160	1 158	66	128
	4 043	724	10 027	554	253	287	483	73	224	2 992	284	142
BEDROOMS												
Year-round housing units	57 694	13 834	371 516	8 346	12 793	4 055	8 328	4 695	6 154	52 817	5 822	12 948
None	501	136	2 691	58	240	50	87	168	75	353	25	57
1	6 274	1 299	43 948	616	1 772	423	788	717	556	3 572	435	1 603
2	20 330	5 470	105 249	2 991	6 407	1 276	2 959	2 359	1 964	14 452	1 980	6 930
3	22 771	4 830	147 339	3 206	3 367	1 606	2 909	1 096	2 679	24 060	2 416	3 396
4	6 558	1 688	62 371	1 184	765	580	1 189	238	714	8 748	734	727
5 or more	1 260	411	9 918	291	242	120	396	117	166	1 632	232	235
Owner-occupied housing units												
None	43	60	165	16	17	23	9	11	5	65	2	11
1	1 425	654	5 336	320	272	157	226	156	113	1 270	177	412
2	13 246	3 755	58 545	2 017	2 082	862	1 672	1 041	1 041	9 208	1 368	2 735
3	19 720	3 984	132 598	2 594	1 912	1 303	2 266	708	2 120	21 652	2 011	1 953
4	5 697	1 402	58 278	986	540	485	940	182	626	7 970	604	366
5 or more	1 076	343	9 256	233	168	100	327	90	128	1 355	194	100
Renter-occupied housing units												
None	319	37	2 019	21	12	4	14	3	15	264	5	11
1	4 187	388	34 555	208	171	178	263	87	240	1 994	155	184
2	5 726	868	40 184	551	460	192	443	145	377	4 384	268	547
3	2 304	453	11 380	306	208	154	251	69	187	1 560	156	148
4	624	150	2 232	125	59	57	113	19	39	508	48	34
5 or more	101	42	448	41	39	9	34	6	30	219	20	18
STORIES IN STRUCTURE												
Year-round housing units	57 694	13 834	371 516	8 346	12 793	4 055	8 328	4 695	6 154	52 817	5 822	12 948
1 to 3	57 034	13 832	362 036	8 346	12 793	4 055	8 328	4 695	6 154	52 610	5 822	12 948
4 to 6	44	2	2 902	—	—	—	—	—	—	207	—	—
7 to 12	591	—	5 188	—	—	—	—	—	—	—	—	—
13 or more	25	—	1 390	—	—	—	—	—	—	—	—	—
PASSENGER ELEVATOR												
Year-round housing units	57 694	13 834	371 516	8 346	12 793	4 055	8 328	4 695	6 154	52 817	5 822	12 948
Structures with 4 or more stories	660	2	9 480	—	—	—	—	—	—	207	—	—
With elevator	642	—	8 957	—	—	—	—	—	—	196	—	—
UNITS IN STRUCTURE												
Year-round housing units	57 694	13 834	371 516	8 346	12 793	4 055	8 328	4 695	6 154	52 817	5 822	12 948
1, detached	45 650	10 802	261 807	6 715	10 520	3 355	6 634	3 664	5 020	42 408	4 983	11 042
1, attached	600	83	15 182	36	23	26	39	6	38	814	24	89
2	2 884	315	7 196	225	140	140	258	77	123	3 373	177	86
3 and 4	1 714	188	10 844	169	121	142	156	104	168	1 178	72	135
5 to 9	1 315	165	23 909	69	46	29	51	70	57	1 113	54	226
10 to 49	2 201	41	27 348	20	116	55	133	46	18	1 292	79	215
50 or more	1 289	—	14 101	—	—	—	—	3	14	139	304	—
Mobile home or trailer, etc.	2 041	2 240	11 129	1 112	1 827	308	1 054	714	591	2 335	433	1 155
Owner-occupied housing units												
1, detached	38 193	8 444	237 286	5 228	4 331	2 597	4 682	1 824	3 567	37 637	3 949	4 920
1, attached	208	35	7 118	19	7	22	31	4	14	372	5	55
2	631	121	1 843	82	47	54	77	26	34	683	59	18
3 and 4	161	27	2 367	33	14	24	24	26	29	193	18	35
5 or more	254	20	6 072	18	22	19	9	20	42	541	24	61
Mobile home or trailer, etc.	1 760	1 551	9 492	786	570	214	617	288	347	2 094	301	488
Renter-occupied housing units												
1, detached	5 388	1 131	17 874	792	663	340	586	227	436	3 226	380	629
1, attached	363	42	6 857	12	1	3	6	2	19	341	14	16
2	1 955	168	4 878	97	42	65	128	13	59	2 441	88	34
3 and 4	1 377	125	7 504	117	44	92	109	25	102	861	41	41
5 to 9	1 046	132	18 968	48	17	11	40	12	18	658	44	27
10 to 49	1 801	27	21 451	7	59	41	129	21	8	972	43	109
50 or more	1 194	—	12 323	—	—	—	—	3	—	133	273	—
Mobile home or trailer, etc.	195	311	1 154	179	123	42	117	29	113	157	42	86
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	12 835	1 504	88 325	960	777	518	909	293	786	8 282	554	885
1, mobile home or trailer, etc.	5 462	1 052	23 201	691	615	309	500	222	466	3 077	338	674
Median gross rent	\$233	\$228	\$338	\$227	\$223	\$213	\$227	\$215	\$308	\$271	\$202	\$212
2 or more	7 373	452	65 124	269	162	209	409	71	320	5 205	216	211
Median gross rent	\$195	\$201	\$317	\$185	\$178	\$145	\$165	\$198	\$193	\$237	\$179	\$166

Table 93. Structural Characteristics for Counties: 1980—Con.

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

Counties	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
YEAR STRUCTURE BUILT											
Year-round housing units	79 436	50 221	21 248	15 679	3 676	24 398	19 461	25 468	97 397	874 718	10 682
1979 to March 1980	2 031	1 426	1 696	1 348	64	445	366	661	2 883	8 959	291
1975 to 1978	5 780	3 979	1 643	1 163	295	1 783	2 168	2 464	7 392	25 985	1 224
1970 to 1974	10 493	6 391	2 737	2 293	336	3 747	2 919	3 571	16 044	52 962	1 760
1960 to 1969	16 089	6 933	2 909	1 960	488	3 432	2 935	3 901	26 313	104 010	1 528
1950 to 1959	13 366	7 382	2 924	1 808	480	3 042	2 071	3 132	16 217	203 154	963
1940 to 1949	9 247	7 023	1 960	1 584	453	2 235	1 663	2 481	8 560	198 392	856
1939 or earlier	22 430	17 087	8 379	6 523	1 560	9 714	7 339	9 258	19 988	281 256	4 060
Owner-occupied housing units	56 446	37 009	15 419	11 597	2 458	18 807	15 275	17 808	49 698	547 920	7 140
1979 to March 1980	1 148	952	389	240	43	403	308	487	1 395	5 205	158
1975 to 1978	3 969	3 184	1 246	886	222	1 499	1 671	1 752	4 282	14 934	820
1970 to 1974	6 399	5 044	2 010	1 852	217	3 004	2 489	2 503	6 370	26 347	1 202
1960 to 1969	11 829	5 047	2 111	1 497	329	2 782	2 331	2 821	10 875	62 473	936
1950 to 1959	10 532	5 705	2 244	1 330	317	2 411	1 664	2 181	10 675	159 174	607
1940 to 1949	6 589	4 963	1 328	1 063	259	1 552	1 211	1 615	4 786	128 949	541
1939 or earlier	15 980	12 114	6 091	4 729	1 071	7 156	5 601	6 449	11 315	150 838	2 876
Renter-occupied housing units	19 670	10 299	4 375	2 362	587	4 552	3 015	5 313	43 239	276 249	1 843
1979 to March 1980	485	251	152	42	3	—	23	45	849	2 390	11
1975 to 1978	1 589	655	322	160	23	227	430	547	2 764	10 091	164
1970 to 1974	3 609	1 039	625	238	76	613	335	815	8 799	24 139	251
1960 to 1969	3 783	1 544	598	236	64	598	448	723	14 297	37 739	285
1950 to 1959	2 444	1 313	462	263	55	549	292	540	5 206	37 667	198
1940 to 1949	2 327	1 558	471	313	60	544	329	592	3 485	57 840	179
1939 or earlier	5 433	3 939	1 745	1 110	306	2 021	1 158	2 051	7 839	106 383	755
BEDROOMS											
Year-round housing units	79 436	50 221	21 248	15 679	3 676	24 398	19 461	25 468	97 397	874 718	10 682
None	758	539	140	94	69	159	90	274	2 351	17 017	125
1	7 598	4 741	2 039	917	504	2 095	1 214	2 376	18 466	115 006	1 889
2	24 216	15 900	6 859	5 095	1 119	6 566	5 911	8 976	29 819	270 812	3 804
3	35 083	21 171	8 786	6 501	1 364	11 120	8 742	9 711	31 944	363 294	4 049
4	9 843	6 550	2 652	2 296	504	3 527	2 684	3 239	12 113	89 792	1 180
5 or more	1 938	1 320	772	776	116	931	820	892	2 704	18 797	335
Owner-occupied housing units	56 446	37 009	15 419	11 597	2 458	18 807	15 275	17 808	49 698	547 920	7 140
None	56	69	11	30	11	22	17	53	34	577	32
1	1 338	1 153	641	315	169	550	429	771	1 354	11 999	353
2	14 004	10 593	4 403	3 368	689	4 477	4 160	5 563	9 759	140 535	2 186
3	30 547	18 316	7 415	5 331	1 118	9 820	7 646	8 033	25 749	300 524	3 280
4	8 886	5 739	2 310	1 908	374	3 117	2 319	2 676	10 695	78 235	985
5 or more	1 615	1 139	639	645	97	821	704	712	2 107	16 050	304
Renter-occupied housing units	19 670	10 299	4 375	2 362	587	4 552	3 015	5 313	43 239	276 249	1 843
None	625	412	86	24	17	97	51	145	2 176	13 603	46
1	5 533	3 039	1 184	396	160	1 359	675	1 297	15 774	89 355	523
2	8 839	4 180	1 878	980	197	1 727	1 301	2 385	18 305	111 286	769
3	3 679	1 989	868	652	126	978	682	1 001	5 306	51 333	397
4	758	539	251	231	72	310	244	366	1 134	8 628	93
5 or more	236	140	108	79	15	81	62	119	544	2 044	15
STORIES IN STRUCTURE											
Year-round housing units	79 436	50 221	21 248	15 679	3 676	24 398	19 461	25 468	97 397	874 718	10 682
1 to 3	78 545	50 006	21 151	15 679	3 676	24 378	19 461	25 340	93 462	824 222	10 584
4 to 6	318	106	97	—	—	20	—	128	1 946	26 950	9
7 to 12	557	109	—	—	—	—	—	—	1 418	14 104	89
13 or more	16	—	—	—	—	—	—	—	571	9 442	—
PASSENGER ELEVATOR											
Year-round housing units	79 436	50 221	21 248	15 679	3 676	24 398	19 461	25 468	97 397	874 718	10 682
Structures with 4 or more stories	891	215	97	—	—	20	—	128	3 935	50 496	98
With elevator	784	184	77	—	—	10	—	45	2 556	40 315	89
UNITS IN STRUCTURE											
Year-round housing units	79 436	50 221	21 248	15 679	3 676	24 398	19 461	25 468	97 397	874 718	10 682
1, detached	60 428	39 348	16 660	13 119	2 933	19 605	15 999	19 133	51 404	566 357	8 315
1, attached	1 480	500	126	84	13	154	147	220	5 761	26 481	45
2	4 624	2 598	789	449	195	1 309	612	1 082	4 623	100 398	360
3 and 4	2 771	1 672	620	238	50	810	346	541	4 633	32 091	195
5 to 9	2 816	1 260	730	145	103	519	321	602	11 018	32 327	216
10 to 49	3 467	1 386	348	177	77	480	120	859	14 503	67 954	157
50 or more	1 373	505	121	10	—	17	125	105	3 729	40 223	99
Mobile home or trailer, etc.	2 477	2 952	1 854	1 457	305	1 504	1 791	2 926	1 726	8 887	1 295
Owner-occupied housing units	56 446	37 009	15 419	11 597	2 458	18 807	15 275	17 808	49 698	547 920	7 140
1, detached	52 506	33 259	13 713	10 286	2 183	16 960	13 439	14 972	44 113	492 425	6 163
1, attached	427	180	66	46	5	63	65	125	1 609	9 843	36
2	922	610	216	147	50	330	251	310	1 098	25 770	87
3 and 4	210	155	73	53	—	115	51	93	522	4 068	32
5 or more	419	469	98	37	18	68	77	194	915	8 501	45
Mobile home or trailer, etc.	1 962	2 336	1 253	1 028	202	1 271	1 392	2 114	1 441	7 313	777
Renter-occupied housing units	19 670	10 299	4 375	2 362	587	4 552	3 015	5 313	43 239	276 249	1 843
1, detached	6 410	4 131	1 894	1 472	302	1 939	1 618	2 523	5 880	56 758	880
1, attached	999	297	51	34	8	88	64	83	3 861	14 351	9
2	3 340	1 781	538	238	119	859	313	618	3 229	65 487	236
3 and 4	2 206	1 349	490	153	28	647	260	388	3 901	24 513	148
5 to 9	2 263	886	540	108	61	450	221	490	9 831	25 891	144
10 to 49	2 897	1 041	282	142	42	385	108	600	13 029	54 105	115
50 or more	1 205	454	121	6	—	17	123	57	3 295	34 123	93
Mobile home or trailer, etc.	350	360	459	209	27	167	308	554	213	1 021	218
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	18 670	9 585	3 944	1 730	505	4 015	2 366	4 472	41 625	270 619	1 686
1, mobile home or trailer, etc.	6 759	4 074	1 973	1 083	255	1 657	1 341	2 319	8 340	66 500	950
Median gross rent	\$277	\$283	\$258	\$258	\$214	\$267	\$253	\$239	\$342	\$281	\$248
2 or more	11 911	5 511	1 971	647	250	2 358	1 025	2 153	33 285	204 119	736
Median gross rent	\$242	\$227	\$197	\$204	\$174	\$226	\$199	\$195	\$294	\$219	\$170

Table 94. Equipment and Plumbing Facilities for Counties: 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]

Counties	Alcona	Alger	Allegan	Alpena	Antrim	Arenac	Barago	Barry	Bay	Benzie	Berrien	Bronch
Year-round housing units	6 650	3 918	28 985	12 479	8 430	7 466	3 451	17 743	43 116	4 896	65 635	15 947
Complete kitchen facilities	5 987	3 665	28 487	12 176	8 198	7 140	3 176	17 322	42 483	4 748	64 366	15 552
BATHROOMS												
No bathroom or only a half bath	887	467	860	441	359	487	489	666	1 052	197	1 468	512
1 complete bathroom	4 589	2 547	18 970	8 538	5 519	5 319	2 357	12 252	28 174	3 249	42 581	11 644
1 complete bathroom plus half both(s)	689	547	4 913	2 093	341	927	432	2 429	8 483	1 110	11 652	1 983
2 or more complete bathrooms	485	357	4 242	1 407	1 442	733	173	2 396	5 407	814	9 934	1 808
SOURCE OF WATER												
Public system or private company	516	1 563	9 029	6 284	2 506	1 695	1 673	4 141	35 553	1 505	37 362	6 025
Individual drilled well	5 573	2 086	18 935	5 673	5 741	5 311	1 268	13 120	6 731	3 250	26 808	8 979
Individual dug well	141	204	929	336	71	341	231	398	602	78	1 301	871
Some other source	420	65	92	186	112	119	279	84	230	63	164	72
SEWAGE DISPOSAL												
Public sewer	487	1 300	8 591	6 267	1 278	1 048	1 533	3 963	26 716	1 264	41 817	5 694
Septic tank or cesspool	5 466	2 419	20 003	5 925	6 979	6 127	1 700	13 429	16 038	3 501	23 263	9 940
Other means	697	199	391	287	173	291	218	351	362	131	555	313
AIR CONDITIONING												
None	6 480	3 832	22 938	12 032	8 077	6 827	3 148	14 946	31 490	4 707	37 593	12 828
Central system	36	13	1 800	74	70	108	53	581	3 590	46	10 741	740
1 or more individual room units	134	73	4 247	373	283	531	250	2 216	8 036	143	17 301	2 379
HEATING EQUIPMENT												
Year-round housing units	6 650	3 918	28 985	12 479	8 430	7 466	3 451	17 743	43 116	4 896	65 635	15 947
Steam or hot water system	727	497	1 961	2 468	739	919	520	1 212	6 454	438	5 775	1 659
Central warm-air furnace	2 540	1 911	21 334	7 744	4 122	3 754	1 513	11 816	30 427	2 867	41 625	10 584
Electric heat pump	49	21	118	72	78	47	30	58	251	46	1 510	93
Other built-in electric units	213	107	682	209	546	274	80	602	837	223	8 133	634
Floor, wall, or pipeless furnace	750	127	675	272	295	454	120	548	1 377	224	1 397	450
Room heaters with flue	549	330	2 201	633	673	797	267	1 678	2 332	281	4 599	1 255
Room heaters without flue	178	99	343	156	339	254	208	268	492	51	927	260
Fireplaces, stoves, or portable room heaters	1 544	786	1 604	848	1 612	949	649	1 479	859	741	1 500	959
None	100	40	67	77	26	18	64	82	87	25	169	53
Owner-occupied housing units	3 252	2 614	22 271	9 056	4 799	4 398	2 296	13 037	32 771	3 299	42 463	10 857
Steam or hot water system	502	398	1 421	1 920	486	602	359	941	4 420	322	3 135	1 145
Central warm-air furnace	1 514	1 331	17 060	5 663	2 388	2 343	1 056	9 043	24 395	2 048	30 037	7 574
Electric heat pump	34	15	78	32	40	22	28	41	80	25	790	63
Other built-in electric units	130	85	401	131	284	141	49	408	430	140	3 934	344
Floor, wall, or pipeless furnace	197	70	417	122	139	216	94	352	937	95	850	261
Room heaters with flue	221	190	1 409	399	357	372	136	917	1 485	130	2 318	620
Room heaters without flue	53	50	194	76	190	108	104	130	291	41	369	146
Fireplaces, stoves, or portable room heaters	599	475	1 285	713	915	591	470	1 204	699	496	1 012	696
None	2	-	6	-	-	3	-	1	11	2	18	8
Renter-occupied housing units	463	665	4 961	2 095	924	701	633	2 396	8 577	709	17 813	3 157
Steam or hot water system	45	50	492	378	69	66	128	215	1 775	60	2 205	452
Central warm-air furnace	203	393	3 079	1 381	485	337	306	1 291	4 869	376	8 578	1 932
Electric heat pump	-	-	35	30	11	9	-	17	154	7	623	9
Other built-in electric units	2	16	240	42	64	36	22	152	378	29	3 415	163
Floor, wall, or pipeless furnace	65	26	183	96	59	44	10	123	406	63	516	114
Room heaters with flue	60	69	606	84	85	117	63	380	689	62	1 730	333
Room heaters without flue	12	16	119	47	51	22	44	100	179	6	431	49
Fireplaces, stoves, or portable room heaters	76	90	200	37	96	70	60	118	119	104	290	105
None	-	-	7	-	4	-	-	-	8	2	25	-
Occupied housing units	3 715	3 279	27 232	11 151	5 723	5 099	2 929	15 433	41 348	4 008	60 276	14 014
No telephone	251	285	1 386	538	369	582	193	643	1 513	298	3 368	1 006
VEHICLES AVAILABLE												
Total:												
None	157	281	1 360	945	247	316	257	707	3 288	190	6 018	944
1	1 440	1 264	8 364	4 049	2 214	1 830	903	4 795	15 287	1 415	21 873	4 860
2	1 466	1 318	11 150	4 429	2 193	1 990	1 310	6 230	15 351	1 653	21 459	5 463
3 or more	652	416	6 358	1 728	1 069	963	459	3 701	7 422	750	10 926	2 747
Automobiles:												
None	379	636	2 079	1 508	533	473	406	1 309	4 114	383	7 233	1 425
1	2 285	2 037	13 552	6 319	3 363	2 951	1 765	7 872	20 745	2 335	30 159	7 602
2	884	515	8 945	2 738	1 474	1 380	601	4 884	12 753	1 075	18 119	3 981
3 or more	165	91	2 656	586	353	295	157	1 368	3 736	215	4 765	1 006
Trucks or vans:												
None	1 983	1 561	15 993	6 569	3 245	2 906	1 447	8 404	29 514	2 211	42 262	8 360
1	1 507	1 528	10 166	4 250	2 187	1 978	1 349	6 376	10 768	1 586	16 248	5 111
2	206	173	907	278	244	193	129	566	1 005	180	1 596	493
3 or more	19	17	166	54	47	22	4	87	61	31	170	50
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	3 252	2 614	22 271	9 056	4 799	4 398	2 296	13 037	32 771	3 299	42 463	10 857
1979 to March 1980	375	233	2 659	920	630	498	168	1 409	3 029	404	4 201	1 162
1975 to 1978	836	721	6 119	2 310	1 293	1 206	520	3 641	8 242	929	9 919	2 919
1970 to 1974	828	521	4 379	1 599	1 092	953	517	2 498	5 385	684	7 971	2 265
1960 to 1969	637	431	4 143	1 835	811	795	352	2 869	6 319	565	9 674	2 167
1950 to 1959	227	251	2 448	1 253	410	414	266	1 417	4 776	299	5 743	1 068
1949 or earlier	349	457	2 523	1 139	563	505	473	1 203	5 020	418	4 955	1 276
Renter-occupied housing units	463	665	4 961	2 095	924	701	633	2 396	8 577	709	17 813	3 157
1979 to March 1980	248	344	2 367	1 237	486	335	251	1 170	3 966	327	8 382	1 545
1975 to 1978	133	227	1 622	451	272	190	173	770	2 923	239	5 798	933
1970 to 1974	24	40	465	256	69	80	84	200	904	65	1 953	353
1960 to 1969	23	15	229	79	47	48	70	124	475	42	1 048	171
1959 or earlier	35	39	278	72	50	48	55	132	309	36	632	155
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	1 354	853	5 595	2 564	1 544	1 330	914	3 218	8 539	1 060	12 857	3 172
Owner-occupied housing units	1 263	726	4 762	2 211	1 415	1 184	695	2 853	6 977	966	10 010	2 667
Locking complete plumbing for exclusive use	34	84	153	65	38	69	67	98	182	27	232	66
No complete kitchen facilities	20	35	79	47	24	47	16	63	87	18	179	63
No vehicle available	131	151	951	528	151	196	186	445	2 046	129	2 984	571
No telephone	51	66	156	99	55	100	58	76	232	38	419	124
Locking central heating system	365	233	819	314	392	337	248	561	901	158	1 310	375
Locking air conditioning	1 288	840	4 337	2 500	1 472	1 232	833	2 663	6 183	998	7 626	2 501

Table 94. **Equipment and Plumbing Facilities for Counties: 1980—Con.**

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

Counties	Calhoun	Cass	Charlevoix	Cheboygan	Chippewo	Clare	Clinton	Crawford	Delta	Dickinson	Eaton	Emmet
Year-round housing units -----	53 967	18 657	8 835	9 736	12 517	11 475	18 427	5 835	14 910	10 307	31 429	10 354
Complete kitchen facilities -----	53 216	18 302	8 687	9 487	11 995	10 858	18 199	5 460	14 339	10 072	31 093	10 016
BATHROOMS												
No bathroom or only a half bath -----	1 201	500	240	402	653	951	328	543	801	366	570	476
1 complete bathroom -----	37 705	12 799	5 798	6 707	8 322	8 421	11 380	4 077	10 200	7 223	18 299	6 331
1 complete bathroom plus half bath(s) -----	8 409	2 888	1 246	1 315	2 284	1 234	3 959	666	2 196	1 596	7 026	1 398
2 or more complete bathrooms -----	6 652	2 470	1 551	1 317	1 258	869	2 760	549	1 713	1 122	5 534	2 149
SOURCE OF WATER												
Public system or private company -----	33 012	4 366	4 332	2 357	7 078	2 265	6 165	908	7 924	8 106	18 386	4 788
Individual drilled well -----	19 903	13 573	4 364	7 227	4 905	8 608	11 816	4 655	5 849	1 866	12 514	5 258
Individual dug well -----	970	680	64	42	162	356	412	143	658	184	482	113
Some other source -----	82	38	75	110	372	246	34	129	479	151	47	195
SEWAGE DISPOSAL												
Public sewer -----	27 415	3 972	3 531	2 129	6 417	2 446	8 683	944	7 577	6 964	18 989	4 613
Septic tank or cesspool -----	26 148	14 435	5 183	7 406	5 584	8 446	9 464	4 539	6 934	3 171	12 209	5 490
Other means -----	404	250	121	201	516	583	280	352	399	172	231	251
AIR CONDITIONING												
None -----	37 542	12 356	8 553	9 374	12 231	10 490	13 958	5 562	14 393	9 155	20 518	9 965
Central system -----	5 761	2 274	67	105	85	180	1 311	72	151	194	5 158	135
1 or more individual room units -----	10 664	4 027	215	257	201	805	3 158	201	366	958	5 753	254
HEATING EQUIPMENT												
Year-round housing units -----	53 967	18 657	8 835	9 736	12 517	11 475	18 427	5 835	14 910	10 307	31 429	10 354
Steam or hot water system -----	4 750	978	1 116	1 436	1 578	979	1 546	656	3 231	1 476	2 542	1 927
Central warm-air furnace -----	41 683	11 479	5 460	4 856	7 599	5 322	13 898	2 775	7 535	6 944	23 776	5 913
Electric heat pump -----	413	234	100	107	102	106	144	56	62	91	369	67
Other built-in electric units -----	1 428	1 944	268	474	569	572	584	288	686	252	1 486	235
Floor, wall, or pipeless furnace -----	1 188	590	362	339	446	1 109	469	243	394	157	672	230
Room heaters with flue -----	3 016	1 769	372	925	854	1 498	908	755	1 514	800	1 347	763
Room heaters without flue -----	480	375	87	119	265	275	175	134	267	340	269	90
Fireplaces, stoves, or portable room heaters -----	958	1 237	1 058	1 463	1 056	1 528	683	892	1 159	242	931	1 047
None -----	51	51	12	17	48	86	20	36	62	5	37	82
Owner-occupied housing units -----	37 407	13 841	5 574	5 994	7 537	7 166	14 987	2 765	10 555	7 761	22 168	6 077
Steam or hot water system -----	2 435	784	693	979	886	742	1 193	355	2 232	1 099	1 150	1 115
Central warm-air furnace -----	30 591	8 841	4 537	2 963	4 537	3 492	11 673	1 354	5 803	5 362	18 277	3 648
Electric heat pump -----	108	181	42	62	70	47	98	35	46	49	107	21
Other built-in electric units -----	640	1 332	144	275	400	416	398	145	328	149	492	161
Floor, wall, or pipeless furnace -----	801	439	171	210	257	651	315	85	268	119	412	111
Room heaters with flue -----	1 751	1 115	185	407	496	736	611	320	949	576	763	294
Room heaters without flue -----	282	211	32	70	176	159	102	62	127	213	137	38
Fireplaces, stoves, or portable room heaters -----	790	922	770	1 028	705	920	593	409	797	183	816	679
None -----	9	16	-	-	10	3	4	-	5	-	14	10
Renter-occupied housing units -----	13 716	3 395	1 482	1 283	2 394	1 520	2 768	550	3 013	1 775	7 969	2 030
Steam or hot water system -----	2 019	159	219	225	579	164	308	71	905	281	1 306	534
Central warm-air furnace -----	9 048	1 848	913	652	1 345	663	1 714	254	1 151	1 088	4 575	1 119
Electric heat pump -----	251	32	30	26	18	37	43	4	16	34	220	8
Other built-in electric units -----	728	459	25	43	83	95	171	26	296	74	863	35
Floor, wall, or pipeless furnace -----	341	123	55	42	76	170	140	54	87	26	236	60
Room heaters with flue -----	1 037	447	109	137	157	247	255	94	354	147	539	106
Room heaters without flue -----	155	89	36	20	42	36	66	8	91	95	126	33
Fireplaces, stoves, or portable room heaters -----	137	236	95	138	94	108	71	39	113	30	102	135
None -----	-	2	-	-	-	-	-	-	-	-	2	-
Occupied housing units -----	51 123	17 236	7 056	7 277	9 931	8 686	17 755	3 315	13 568	9 536	30 137	8 107
No telephone -----	2 174	1 026	417	425	765	642	466	271	613	269	837	455
VEHICLES AVAILABLE												
Total:												
None -----	4 950	1 050	545	460	1 096	539	581	234	1 176	945	1 153	661
1 -----	19 913	5 700	2 408	2 551	3 981	3 571	4 737	1 229	4 694	3 652	9 448	2 750
2 -----	18 075	6 779	2 905	3 078	3 615	3 136	7 651	1 291	5 239	3 791	12 599	3 281
3 or more -----	8 185	3 707	1 198	1 188	1 239	1 440	4 786	555	2 459	1 148	6 577	1 415
Automobiles:												
None -----	6 088	1 704	910	854	1 663	920	974	425	1 760	1 316	2 006	991
1 -----	26 303	9 137	4 033	4 316	6 103	5 291	8 423	1 859	7 679	5 670	14 527	4 386
2 -----	15 168	5 081	1 733	1 784	1 826	2 059	6 323	899	3 292	2 156	10 611	2 205
3 or more -----	3 564	1 314	380	323	339	416	2 035	132	837	394	2 993	525
Trucks or vans:												
None -----	36 932	9 759	3 899	3 942	5 865	5 172	9 845	1 906	7 718	5 995	19 049	4 944
1 -----	12 888	6 676	2 787	2 957	3 707	3 182	7 058	1 294	5 319	3 302	9 990	2 758
2 -----	1 178	706	339	348	316	285	753	94	463	200	965	361
3 or more -----	125	95	31	30	43	47	99	21	68	39	133	44
YEAR HOUSHOLDER MOVED INTO UNIT												
Owner-occupied housing units -----	37 407	13 841	5 574	5 994	7 537	7 166	14 987	2 765	10 555	7 761	22 168	6 077
1979 to March 1980 -----	3 797	1 327	667	666	819	922	1 654	424	1 037	733	2 891	727
1975 to 1978 -----	9 131	3 595	1 533	1 706	2 002	2 264	4 006	999	2 738	1 574	6 671	1 571
1970 to 1974 -----	6 468	2 653	1 207	1 264	1 280	1 758	2 952	626	1 876	1 094	4 370	1 344
1960 to 1969 -----	8 105	3 215	1 058	1 134	1 464	1 279	3 184	423	1 865	1 392	4 472	1 086
1950 to 1959 -----	5 540	1 681	422	553	931	495	1 499	133	1 443	1 029	1 974	691
1949 or earlier -----	4 366	1 370	687	671	1 041	448	1 692	160	1 596	1 939	1 790	658
Renter-occupied housing units -----	13 716	3 395	1 482	1 283	2 394	1 520	2 768	550	3 013	1 775	7 969	2 030
1979 to March 1980 -----	6 693	1 490	740	657	1 284	895	1 227	325	1 328	817	4 609	1 186
1975 to 1978 -----	4 568	1 241	506	367	630	434	1 023	108	1 057	585	2 498	566
1970 to 1974 -----	1 423	301	123	115	202	86	246	63	356	220	439	141
1960 to 1969 -----	598	219	69	72	193	66	116	39	143	63	223	72
1959 or earlier -----	434	144	44	72	85	39	156	15	129	90	200	65
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	10 543	3 649	1 540	1 884	2 404	2 535	2 862	868	3 336	3 008	4 489	1 808
Owner-occupied housing units -----	8 640	3 169	1 331	1 674	2 012	2 233	2 497	756	2 506	2 653	3 488	1 452
Lacking complete plumbing for exclusive use -----	231	83	50	57	110	70	68	14	138	70	92	56
No complete kitchen facilities -----	105	47	29	25	72	51	47	10	69	37	60	31
No vehicle available -----	2 340	591	367	305	472	334	427	148	739	746	783	423
No telephone -----	231	152	58	69	139	105	46	44	111	89	93	48
Lacking central heating system -----	902	691	231	426	451	619	291	228	563	429	468	300
Lacking air conditioning -----	7 408	2 418	1 510	1 796	2 378	2 246	2 193	817	3 223	2 690	3 034	1 712

Table 94. Equipment and Plumbing Facilities for Counties: 1980—Con.

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

Counties	Genesee	Gladwin	Gogebic	Grand Traverse	Grafiot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco	Iron
Year-round housing units -----	162 593	11 975	8 960	21 846	14 214	16 324	14 501	15 060	99 453	17 175	16 296	6 188
Complete kitchen facilities -----	160 720	11 459	8 447	21 539	13 937	15 909	13 812	14 602	98 389	16 858	15 458	6 054
BATHROOMS												
No bathroom or only a half bath -----	2 305	916	839	491	357	744	1 560	698	1 606	460	1 310	266
1 complete bathroom -----	105 414	9 109	6 506	13 668	10 102	11 729	9 713	10 138	63 348	12 104	10 974	4 518
1 complete bathroom plus half bath(s) -----	34 985	1 124	959	3 210	2 040	1 960	2 133	2 698	19 701	2 569	2 334	847
2 or more complete bathrooms -----	19 889	826	656	4 477	1 715	1 891	1 095	1 526	14 798	2 042	1 678	557
SOURCE OF WATER												
Public system or private company -----	105 926	1 557	7 068	8 590	6 786	5 354	11 006	5 579	85 752	8 170	5 604	5 662
Individual drilled well -----	54 281	9 876	1 035	12 950	7 138	10 450	2 361	7 872	12 980	8 635	10 009	407
Individual dug well -----	2 205	382	548	223	262	387	755	1 474	634	333	501	77
Some other source -----	181	160	309	83	28	133	379	135	87	37	182	47
SEWAGE DISPOSAL												
Public sewer -----	137 731	1 498	6 338	8 353	7 075	5 073	9 216	4 376	87 603	7 904	4 939	3 709
Septic tank or cesspool -----	24 272	9 989	2 231	13 267	4 962	10 898	4 675	10 251	11 516	9 042	10 514	2 383
Other means -----	590	488	391	226	177	353	610	433	334	229	843	96
AIR CONDITIONING												
None -----	109 803	10 867	8 594	19 919	11 715	13 748	14 013	13 147	59 136	13 546	15 702	5 924
Central system -----	22 970	194	43	490	589	790	62	332	15 734	790	148	34
1 or more individual room units -----	29 820	914	323	1 437	1 910	1 786	426	1 581	24 583	2 839	446	230
HEATING EQUIPMENT												
Year-round housing units -----	162 593	11 975	8 960	21 846	14 214	16 324	14 501	15 060	99 453	17 175	16 296	6 188
Steam or hot water system -----	16 168	691	1 419	2 780	1 821	1 419	4 265	2 340	13 424	1 420	1 275	1 087
Central warm-air furnace -----	128 526	5 258	5 622	15 122	8 403	11 531	6 255	8 528	72 183	12 063	8 236	3 990
Electric heat pump -----	1 052	51	9	101	120	100	96	69	1 536	92	76	37
Other built-in electric units -----	3 282	555	160	624	540	622	840	666	4 797	489	452	265
Floor, wall, or pipeless furnace -----	4 287	1 263	56	513	866	467	125	532	2 213	587	1 306	84
Room heaters with flue -----	6 803	1 818	685	871	1 378	966	1 259	1 793	3 648	1 225	2 801	254
Room heaters without flue -----	1 175	374	155	288	203	139	315	324	692	176	265	185
Fireplaces, stoves, or portable room heaters -----	1 164	1 895	792	1 507	831	1 036	1 282	742	922	1 089	1 802	281
None -----	136	70	62	40	52	44	64	66	38	34	83	5
Owner-occupied housing units -----	115 594	6 089	6 174	14 437	10 375	11 467	9 198	10 540	55 741	12 763	7 125	4 473
Steam or hot water system -----	9 015	439	907	1 579	1 420	954	2 487	1 886	2 899	996	953	863
Central warm-air furnace -----	96 701	3 012	4 290	10 704	6 391	8 286	4 266	6 337	47 497	9 329	4 055	2 838
Electric heat pump -----	317	24	71	63	45	42	51	50	160	22	39	33
Other built-in electric units -----	2 960	354	111	388	316	435	397	506	857	259	230	171
Floor, wall, or pipeless furnace -----	2 580	460	33	211	604	274	93	344	1 302	378	510	50
Room heaters with flue -----	4 420	632	439	390	836	598	790	810	2 000	784	435	192
Room heaters without flue -----	638	129	112	88	110	78	211	156	273	124	55	103
Fireplaces, stoves, or portable room heaters -----	922	1 033	322	1 014	645	798	901	449	748	867	836	221
None -----	41	6	—	—	8	2	2	2	5	4	12	2
Renter-occupied housing units -----	39 047	1 070	1 404	4 730	2 944	2 916	3 777	2 224	39 438	3 467	3 037	957
Steam or hot water system -----	6 306	137	407	982	356	352	1 455	9 898	361	372	184	132
Central warm-air furnace -----	25 781	466	804	2 799	1 486	1 845	1 369	1 100	21 821	2 086	2 130	673
Electric heat pump -----	683	11	9	12	50	39	22	17	1 200	58	15	2
Other built-in electric units -----	2 151	32	43	159	205	94	397	105	3 664	200	76	43
Floor, wall, or pipeless furnace -----	1 503	90	4	217	222	129	13	117	884	189	225	6
Room heaters with flue -----	1 965	189	68	254	425	267	282	339	1 430	340	262	38
Room heaters without flue -----	435	42	27	96	73	57	68	83	390	45	42	41
Fireplaces, stoves, or portable room heaters -----	201	103	42	196	127	133	171	102	138	177	103	22
None -----	22	—	—	15	—	—	—	—	13	—	—	—
Occupied housing units -----	154 641	7 159	7 578	19 167	13 319	14 383	12 975	12 764	95 179	16 230	10 162	5 430
No telephone -----	6 367	496	426	700	854	842	608	790	3 378	828	659	250
VEHICLES AVAILABLE												
Total:												
None -----	13 270	439	1 117	1 144	779	1 003	1 953	805	8 352	1 045	516	705
1 -----	56 425	2 714	3 098	6 724	4 660	4 783	5 439	5 023	38 481	5 438	4 594	1 945
2 -----	56 207	2 747	2 543	7 776	5 193	5 776	4 047	4 866	33 909	6 369	3 663	2 098
3 or more -----	28 739	1 257	820	3 523	2 687	2 821	1 536	2 070	14 437	3 687	1 389	682
Automobiles:												
None -----	16 274	771	1 507	1 677	1 092	1 410	2 552	1 167	10 024	1 510	1 004	1 065
1 -----	73 542	4 190	4 569	9 900	7 217	7 758	7 188	7 622	46 819	8 703	6 189	3 345
2 -----	51 075	1 794	1 273	6 106	4 024	4 101	2 631	3 232	30 781	4 657	2 570	840
3 or more -----	13 750	404	229	1 484	986	1 114	604	743	7 555	1 360	399	180
Trucks or vans:												
None -----	112 682	4 044	4 697	12 822	8 236	8 513	9 096	7 933	75 179	9 590	6 577	2 852
1 -----	38 535	2 878	2 674	5 610	4 503	5 330	3 495	4 379	18 305	6 017	3 291	2 356
2 -----	3 149	225	184	668	486	474	354	407	1 530	568	258	209
3 or more -----	275	12	23	67	94	66	30	45	165	55	36	13
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units -----	115 594	6 089	6 174	14 437	10 375	11 467	9 198	10 540	55 741	12 763	7 125	4 473
1979 to March 1980 -----	13 081	809	410	2 457	991	1 305	562	930	7 484	1 499	947	327
1975 to 1978 -----	29 468	1 863	937	4 958	2 409	2 925	1 759	2 209	14 934	3 032	1 957	878
1970 to 1974 -----	21 971	1 460	958	2 698	1 986	2 193	1 434	1 882	9 406	2 350	1 719	646
1960 to 1969 -----	27 345	1 094	1 005	2 051	2 022	2 159	1 720	2 005	12 161	2 579	1 414	683
1950 to 1959 -----	14 148	454	961	1 162	1 230	1 312	1 258	1 319	6 788	1 491	562	736
1949 or earlier -----	9 581	409	1 903	1 111	1 737	1 573	2 465	2 095	4 968	1 812	526	1 203
Renter-occupied housing units -----	39 047	1 070	1 404	4 730	2 944	2 916	3 777	2 224	39 438	3 467	3 037	957
1979 to March 1980 -----	18 783	576	525	2 872	1 410	1 337	1 759	912	21 095	1 623	1 629	342
1975 to 1978 -----	13 740	308	432	1 208	1 004	992	1 142	710	13 247	1 196	1 132	310
1970 to 1974 -----	4 034	105	178	377	216	272	294	202	3 210	319	154	134
1960 to 1969 -----	1 692	48	155	144	161	164	309	181	1 397	156	72	70
1959 or earlier -----	798	33	114	129	153	151	273	219	489	173	50	101
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	24 049	1 992	2 814	3 614	2 927	3 477	4 207	3 708	13 730	3 456	2 510	1 997
Owner-occupied housing units -----	19 447	1 766	2 414	2 995	2 478	2 941	3 370	3 302	10 211	2 799	2 147	1 639
Lacking complete plumbing for exclusive use -----	266	74	180	71	89	137	352	127	214	62	70	67
No complete kitchen facilities -----	215	50	64	41	33	83	162	95	93	34	48	32
No vehicle available -----	5 336	266										

Table 94. **Equipment and Plumbing Facilities for Counties: 1980—Con.**

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

Counties	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston	Lucy
Year-round housing units -----	17 376	53 629	79 333	4 649	163 461	1 168	7 721	22 314	7 221	33 533	33 261	2 438
Complete kitchen facilities -----	17 028	52 920	78 450	4 516	161 674	1 048	7 135	22 032	7 006	32 868	32 948	2 351
BATHROOMS												
No bathroom or only a half bath -----	503	1 268	1 245	215	2 304	242	845	431	266	1 046	546	155
1 complete bathroom -----	12 138	36 960	49 892	3 216	96 235	736	5 793	13 860	3 954	23 374	16 759	1 704
1 complete bathroom plus half bath(s) -----	2 425	8 160	15 125	695	40 495	145	571	4 553	1 119	4 868	6 654	305
2 or more complete bathrooms -----	2 310	7 241	13 071	523	24 427	45	512	3 470	1 882	4 245	9 302	274
SOURCE OF WATER												
Public system or private company -----	7 798	25 169	56 148	611	129 817	942	482	6 124	1 164	15 864	7 423	1 163
Individual drilled well -----	9 145	26 730	22 035	3 929	32 235	63	6 828	15 458	5 893	15 797	24 873	1 199
Individual dug well -----	386	1 526	1 125	70	1 292	71	274	695	106	1 706	859	30
Some other source -----	47	204	25	39	117	92	137	37	58	166	106	46
SEWAGE DISPOSAL												
Public sewer -----	7 896	31 865	43 052	638	129 844	356	179	5 620	1 288	17 034	7 418	1 120
Septic tank or cesspool -----	9 187	21 391	35 960	3 901	33 061	699	7 064	16 501	5 794	16 100	25 585	1 229
Other means -----	293	373	321	110	556	113	478	193	139	399	258	89
AIR CONDITIONING												
None -----	13 516	39 310	47 912	4 440	110 139	1 161	7 300	18 684	6 937	24 142	24 473	2 386
Central system -----	1 103	4 737	13 669	52	17 546	3	69	1 043	161	3 201	4 082	11
1 or more individual room units -----	2 757	9 582	17 752	157	35 776	4	352	2 587	123	6 190	4 706	41
HEATING EQUIPMENT												
Year-round housing units -----	17 376	53 629	79 333	4 649	163 461	1 168	7 721	22 314	7 221	33 533	33 261	2 438
Steam or hot water system -----	2 233	5 336	9 699	497	19 421	112	247	2 798	693	3 560	3 927	262
Central warm-air furnace -----	10 705	40 907	60 681	2 384	128 999	302	3 268	14 188	3 778	24 086	23 222	1 178
Electric heat pump -----	189	481	650	20	669	20	219	231	147	230	318	10
Other built-in electric units -----	797	1 608	1 941	183	2 052	38	217	1 286	853	831	2 074	82
Floor, wall, or pipeless furnace -----	961	1 256	1 536	232	2 813	48	679	618	58	1 130	924	72
Room heaters with flue -----	1 234	2 378	2 949	495	6 227	321	1 256	1 402	343	2 398	1 443	323
Room heaters without flue -----	292	408	613	62	1 205	129	305	288	116	387	308	103
Fireplaces, stoves, or portable room heaters -----	914	1 196	1 195	750	1 997	181	1 481	1 482	1 187	768	1 020	393
None -----	51	59	69	26	78	17	49	21	46	143	25	15
Owner-occupied housing units -----	10 752	38 396	49 511	3 213	111 706	702	2 582	17 441	4 019	23 374	26 180	1 822
Steam or hot water system -----	1 010	3 202	3 410	388	7 363	81	106	2 349	512	2 208	3 276	181
Central warm-air furnace -----	7 120	30 697	41 369	1 624	96 950	213	1 078	11 225	2 391	18 114	18 786	965
Electric heat pump -----	38	158	207	10	189	20	12	164	46	97	227	7
Other built-in electric units -----	352	807	693	138	673	19	64	915	227	471	1 332	63
Floor, wall, or pipeless furnace -----	572	676	804	119	1 558	21	200	412	24	573	645	39
Room heaters with flue -----	739	1 635	1 659	296	2 817	193	425	912	131	1 202	955	209
Room heaters without flue -----	144	239	324	50	463	83	85	139	54	192	192	68
Fireplaces, stoves, or portable room heaters -----	773	976	1 026	588	1 693	72	607	1 316	628	513	825	288
None -----	4	6	19	-	-	-	5	9	6	4	2	2
Renter-occupied housing units -----	5 292	12 578	25 894	582	43 892	131	468	3 761	1 004	6 670	5 164	370
Steam or hot water system -----	1 112	1 788	5 754	59	10 761	9	8	387	80	1 073	530	68
Central warm-air furnace -----	2 780	8 366	16 374	319	26 427	41	169	2 183	559	4 013	3 023	125
Electric heat pump -----	142	275	406	6	429	-	-	57	12	94	79	3
Other built-in electric units -----	406	699	1 192	27	1 285	4	7	307	68	236	633	12
Floor, wall, or pipeless furnace -----	281	487	540	51	1 134	4	45	191	14	333	217	21
Room heaters with flue -----	377	644	1 187	72	2 892	47	105	409	71	684	425	66
Room heaters without flue -----	112	142	254	4	661	11	32	104	11	116	106	28
Fireplaces, stoves, or portable room heaters -----	71	158	162	41	271	25	102	121	189	120	151	47
None -----	11	19	25	3	32	-	-	2	-	1	-	-
Occupied housing units -----	16 044	50 974	75 405	3 795	155 598	833	3 050	21 202	5 023	30 044	31 344	2 192
No telephone -----	712	2 343	2 598	333	5 208	39	300	1 087	154	1 259	1 020	199
VEHICLES AVAILABLE												
Total:												
None -----	935	3 996	6 094	179	13 020	90	328	836	164	1 747	900	155
1 -----	5 739	17 925	27 559	1 339	57 884	379	1 294	5 825	1 550	10 268	8 145	788
2 -----	6 141	19 190	28 135	1 675	57 807	290	997	8 757	2 202	12 054	13 676	916
3 or more -----	3 229	9 863	13 617	602	26 887	74	431	5 784	1 107	5 975	8 623	333
Automobiles:												
None -----	1 337	5 163	7 291	455	15 387	160	507	1 438	347	2 467	1 635	293
1 -----	8 262	24 758	35 332	2 321	71 868	526	1 788	10 074	2 660	15 914	13 099	1 371
2 -----	4 819	16 643	25 266	876	52 966	131	644	7 445	1 606	9 272	12 430	473
3 or more -----	1 626	4 410	7 516	143	15 377	16	111	2 245	410	2 391	4 180	55
Trucks or vans:												
None -----	10 809	35 135	57 167	1 855	121 673	494	1 855	11 448	2 815	18 766	19 135	1 091
1 -----	4 740	14 221	16 672	1 765	30 648	308	1 066	8 681	1 908	10 094	10 708	1 005
2 -----	443	1 507	1 390	142	2 844	31	116	951	244	1 056	1 347	76
3 or more -----	52	111	176	33	433	-	13	122	56	128	154	20
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units -----	10 752	38 396	49 511	3 213	111 706	702	2 582	17 441	4 019	23 374	26 180	1 822
1979 to March 1980 -----	1 272	4 298	6 185	506	13 592	40	285	2 245	533	2 532	3 493	196
1975 to 1978 -----	3 235	9 431	13 445	1 123	29 433	120	658	5 641	1 113	6 200	9 874	438
1970 to 1974 -----	1 959	6 866	8 541	753	18 772	113	661	3 612	819	4 366	5 894	375
1960 to 1969 -----	2 050	8 381	10 359	428	24 719	83	468	3 060	731	4 580	4 054	378
1950 to 1959 -----	1 013	4 899	6 576	188	15 049	87	41	1 512	349	2 810	1 607	205
1949 or earlier -----	1 223	4 521	4 405	215	10 141	259	269	1 371	474	2 886	1 258	230
Renter-occupied housing units -----	5 292	12 578	25 894	582	43 892	131	468	3 761	1 004	6 670	5 164	370
1979 to March 1980 -----	3 535	6 008	14 741	345	22 564	58	177	1 764	488	2 921	2 532	250
1975 to 1978 -----	1 227	4 236	7 928	171	14 254	47	158	1 324	308	2 358	1 782	53
1970 to 1974 -----	308	1 322	1 866	45	4 022	10	72	359	76	718	448	34
1960 to 1969 -----	132	658	894	9	1 750	4	43	171	31	386	245	11
1959 or earlier -----	90	354	465	12	1 302	12	18	143	101	287	157	22
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	2 609	9 926	12 238	875	28 672	376	1 198	3 218	1 254	5 991	4 232	491
Owner-occupied housing units -----	2 132	7 771	9 151	809	21 962	362	1 079	2 677	1 111	4 990	3 549	418
Lacking complete plumbing for exclusive use -----	83	160	138	31	354	36	47	112	30	159	42	13
No complete kitchen facilities -----	42	108	99	-	283	13	41	29	22	79	40	6
No vehicle available -----	507	2 116	2 677	120	6 644	71	203	504	105	1 154	617	70
No telephone -----	105	188	186	47	628	16	51	175	31	162	80	16
Lacking central heating system -----	504	767	831	260	1 741	184	503	583	246	703	436	178
Lacking air conditioning -----	2 082	6 920	7 320	846	19 642	373	1 109	2 723	1 209	4 207	2 938	482

Table 94. Equipment and Plumbing Facilities for Counties: 1980—Con.

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

Counties	Mackinac	Mocomb	Manistee	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm	Montmorency
Year-round housing units -----	4 382	236 435	9 901	26 900	12 026	14 642	10 310	26 075	4 083	45 124	18 564	5 014
Complete kitchen facilities -----	4 132	234 723	9 557	26 296	11 749	14 210	9 978	25 633	3 864	44 361	18 021	4 745
BATHROOMS												
No bathroom or only a half bath -----	328	1 720	574	1 106	470	774	498	586	333	1 229	800	490
1 complete bathroom -----	3 131	120 603	6 860	17 929	8 714	10 728	7 116	15 191	2 855	28 802	13 869	3 548
1 complete bathroom plus half bath(s) -----	462	78 444	1 357	4 809	1 526	1 587	1 563	4 659	511	8 760	2 055	557
2 or more complete bathrooms -----	441	35 668	1 110	3 056	1 316	1 553	1 133	5 639	384	6 333	1 840	419
SOURCE OF WATER												
Public system or private company -----	1 656	220 479	4 033	19 739	5 029	3 424	4 746	15 348	576	27 633	5 793	283
Individual drilled well -----	2 449	13 507	5 425	6 000	6 708	10 735	5 095	9 318	3 382	15 045	12 150	4 436
Individual dug well -----	120	2 356	339	909	259	357	368	1 220	61	1 727	513	176
Some other source -----	157	93	104	252	30	126	101	189	64	719	108	119
SEWAGE DISPOSAL												
Public sewer -----	1 354	211 352	3 555	18 374	4 785	3 746	4 799	14 249	33	26 011	5 414	346
Septic tank or cesspool -----	2 838	24 698	6 031	8 116	7 068	10 526	5 246	11 523	3 790	18 629	12 755	4 341
Other means -----	190	385	315	410	173	370	265	303	260	484	395	327
AIR CONDITIONING												
None -----	4 349	118 223	9 324	25 450	11 221	13 371	9 170	18 354	3 932	28 101	15 880	4 839
Central system -----	2	61 605	92	191	294	322	204	2 864	14	5 788	477	45
1 or more individual room units -----	31	56 607	485	1 259	511	949	936	4 857	137	11 235	2 207	130
HEATING EQUIPMENT												
Year-round housing units -----	4 382	236 435	9 901	26 900	12 026	14 642	10 310	26 075	4 083	45 124	18 564	5 014
Steam or hot water system -----	486	21 466	1 431	7 355	1 672	1 304	1 604	2 636	202	5 341	1 481	507
Central warm-air furnace -----	1 459	197 341	5 451	12 698	6 714	8 066	6 366	18 507	2 443	31 788	10 990	1 674
Electric heat pump -----	83	1 177	84	343	20	82	402	190	12	402	86	12
Other built-in electric units -----	448	6 022	387	2 094	377	656	180	606	180	1 851	614	221
Floor, wall, or pipeless furnace -----	214	3 495	322	430	878	892	162	1 171	114	1 403	1 315	212
Room heaters with flue -----	597	5 202	982	2 027	1 012	1 659	1 162	1 329	351	2 821	1 879	734
Room heaters without flue -----	106	902	134	552	232	359	165	295	90	493	327	453
Fireplaces, stoves, or portable room heaters -----	959	775	1 062	1 362	1 093	1 493	578	1 251	663	915	1 746	1 191
None -----	30	55	48	39	28	131	25	90	28	110	126	8
Owner-occupied housing units -----	2 941	182 501	6 752	15 738	7 601	7 934	7 472	19 303	2 974	33 963	13 360	2 453
Steam or hot water system -----	369	12 329	1 431	4 215	977	716	1 108	1 857	183	3 749	1 001	316
Central warm-air furnace -----	1 023	160 824	4 066	7 653	4 630	4 676	4 889	14 234	1 875	25 346	8 358	883
Electric heat pump -----	58	407	138	7	25	41	54	12	12	273	37	4
Other built-in electric units -----	259	2 129	215	1 150	202	272	131	310	144	934	337	104
Floor, wall, or pipeless furnace -----	135	2 310	175	199	411	486	92	739	55	942	874	78
Room heaters with flue -----	348	3 411	478	1 063	525	715	763	834	175	1 728	1 194	296
Room heaters without flue -----	75	502	53	316	101	123	99	158	44	249	173	146
Fireplaces, stoves, or portable room heaters -----	674	567	662	1 004	748	921	349	1 107	486	729	1 379	626
None -----	--	22	7	--	--	--	--	10	--	13	7	--
Renter-occupied housing units -----	739	47 319	1 738	8 776	2 092	3 200	1 811	5 195	453	9 147	3 183	361
Steam or hot water system -----	85	8 538	296	2 437	498	532	382	652	3	1 412	423	16
Central warm-air furnace -----	246	31 177	733	4 195	872	1 588	911	3 301	262	5 165	1 415	118
Electric heat pump -----	8	699	51	167	7	34	19	95	--	108	43	--
Other built-in electric units -----	110	3 637	122	759	93	283	24	277	24	812	219	20
Floor, wall, or pipeless furnace -----	54	1 085	78	171	140	197	42	344	28	402	330	28
Room heaters with flue -----	106	1 624	268	704	277	351	299	351	49	896	449	46
Room heaters without flue -----	10	367	49	181	86	68	47	101	19	203	105	34
Fireplaces, stoves, or portable room heaters -----	120	175	141	162	112	145	87	65	68	149	195	99
None -----	--	17	--	--	7	2	--	9	--	--	4	--
Occupied housing units -----	3 680	229 820	8 490	24 514	9 693	11 134	9 283	24 498	3 427	43 110	16 543	2 814
No telephone -----	335	3 583	468	913	568	552	483	771	186	1 710	1 384	304
VEHICLES AVAILABLE												
Total:												
None -----	415	10 338	819	2 152	834	764	675	1 077	193	2 319	1 036	152
1 -----	1 334	71 798	3 198	9 204	3 580	4 126	3 322	7 528	1 130	13 174	5 997	1 082
2 -----	1 391	96 869	3 082	9 404	3 644	4 162	3 793	10 784	1 548	17 386	6 349	1 172
3 or more -----	540	50 815	1 391	3 754	1 635	2 082	1 493	5 109	556	10 231	3 161	408
Automobiles:												
None -----	634	12 897	1 130	3 321	1 183	1 090	993	1 476	400	3 212	1 583	371
1 -----	2 265	90 478	4 558	13 737	5 372	6 009	5 551	10 994	2 097	19 707	9 084	1 821
2 -----	652	93 717	2 200	6 171	2 548	3 161	2 171	9 579	782	15 401	4 705	531
3 or more -----	129	32 728	602	1 285	590	874	568	2 449	148	4 790	1 171	91
Trucks or vans:												
None -----	1 937	180 929	5 573	15 023	6 070	7 196	5 370	16 919	1 650	27 852	9 990	1 381
1 -----	1 561	45 138	2 644	8 620	3 267	3 531	3 595	6 908	1 622	13 640	5 955	1 272
2 -----	152	3 463	229	774	318	360	278	640	141	1 447	537	143
3 or more -----	30	290	44	97	38	47	40	31	14	171	61	18
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units -----	2 941	182 501	6 752	15 738	7 601	7 934	7 472	19 303	2 974	33 963	13 360	2 453
1979 to March 1980 -----	273	19 738	589	1 486	944	1 106	643	2 352	387	3 531	1 447	287
1975 to 1978 -----	749	49 853	1 501	4 554	1 827	2 353	1 652	6 072	872	8 830	3 329	764
1970 to 1974 -----	576	33 463	1 278	2 538	1 361	1 509	1 337	3 468	671	6 231	2 749	581
1960 to 1969 -----	600	45 808	1 321	2 818	1 332	1 416	1 258	3 965	435	7 055	2 657	402
1950 to 1959 -----	356	25 477	866	1 975	894	669	1 112	1 930	240	4 397	1 448	191
1949 or earlier -----	387	8 162	1 197	2 367	1 243	881	1 470	1 516	369	3 919	1 730	228
Renter-occupied housing units -----	739	47 319	1 738	8 776	2 092	3 200	1 811	5 195	453	9 147	3 183	361
1979 to March 1980 -----	359	20 083	710	5 138	981	1 997	834	2 734	214	3 578	1 506	229
1975 to 1978 -----	227	18 306	535	2 631	781	845	521	1 860	137	3 652	1 027	76
1970 to 1974 -----	55	5 475	218	597	174	184	244	338	43	990	278	27
1960 to 1969 -----	40	2 473	107	177	69	101	87	129	20	538	169	9
1959 or earlier -----	58	982	168	233	87	73	125	134	39	389	203	20
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Owner-occupied housing units -----	1 034	33 392	2 525	4 310	2 595	2 303	2 531	3 518	887	7 014	3 941	917
Owner-occupied housing units -----	920	25 597	2 111	3 240	2 116	1 983	2 189	2 810	813	5 637	3 397	847
Lacking complete plumbing for exclusive use -----	52	251	108	175	76	85	104	106	37	269	128	37
No complete kitchen facilities -----	31	260	80	27	39	27	68	28	159	79	13	13
No vehicle available -----	222	6 911	570	1 156	533	372	486	664	131	1 391	630	90
No telephone -----	58	492	1									

Table 94. Equipment and Plumbing Facilities for Counties: 1980—Con.

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

Counties	Muskegon	Newaygo	Oakland	Oceano	Ogemow	Ontonagon	Osceolo	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon
Year-round housing units -----	57 694	13 834	371 516	8 346	12 793	4 055	8 328	4 695	6 154	52 817	5 822	12 948
Complete kitchen facilities -----	57 049	13 444	368 764	8 155	11 509	3 860	7 886	4 109	5 904	52 363	5 605	12 694
BATHROOMS												
No bathroom or only a half bath -----	953	697	2 909	353	1 953	458	659	821	326	739	278	449
1 complete bathroom -----	41 265	9 989	183 710	5 953	9 336	2 805	5 916	3 276	4 014	29 011	3 900	9 812
1 complete bathroom plus half bath(s) -----	8 819	1 643	81 304	1 090	870	532	1 030	313	884	14 392	922	1 335
2 or more complete bathrooms -----	6 657	1 505	103 593	950	634	260	723	285	930	8 675	722	1 352
SOURCE OF WATER												
Public system or private company -----	36 365	2 727	302 151	2 159	900	1 977	2 080	137	1 314	28 342	2 004	854
Individual drilled well -----	19 628	10 352	65 356	5 816	10 943	1 694	5 871	4 125	4 569	22 296	3 621	11 582
Individual dug well -----	1 643	624	3 459	298	263	187	234	166	182	2 065	113	473
Some other source -----	58	131	550	73	687	197	143	267	89	114	84	39
SEWAGE DISPOSAL												
Public sewer -----	33 273	2 759	299 244	1 903	1 102	1 707	1 986	133	1 284	21 552	1 599	3 598
Septic tank or cesspool -----	24 126	10 705	71 123	6 206	10 341	2 167	5 929	3 908	4 684	30 872	4 045	9 128
Other means -----	295	370	1 149	237	1 350	181	413	654	186	393	178	222
AIR CONDITIONING												
None -----	48 846	12 536	174 602	7 816	12 285	3 830	7 832	4 468	5 874	42 142	5 626	12 462
Central system -----	2 737	284	110 367	88	66	20	71	38	60	4 014	41	103
1 or more individual room units -----	6 111	1 014	86 547	442	442	205	425	189	220	6 661	155	383
HEATING EQUIPMENT												
Year-round housing units -----	57 694	13 834	371 516	8 346	12 793	4 055	8 328	4 695	6 154	52 817	5 822	12 948
Steam or hot water system -----	5 390	983	42 993	738	653	814	657	171	594	4 034	776	1 078
Central warm-air furnace -----	41 562	7 794	301 123	4 901	5 301	2 108	4 477	1 297	3 654	43 658	3 336	4 361
Electric heat pump -----	201	50	2 300	42	162	34	20	11	103	185	14	211
Other built-in electric units -----	1 391	352	7 527	268	579	184	298	218	357	895	77	1 009
Floor, wall, or pipeless furnace -----	2 653	722	5 648	363	1 395	40	502	228	187	584	264	2 366
Room heaters with flue -----	4 223	1 652	8 519	887	2 325	409	898	1 101	426	1 806	480	1 891
Room heaters without flue -----	767	316	1 433	173	320	38	114	174	57	372	71	466
Fireplaces, stoves, or portable room heaters -----	1 465	1 909	1 680	933	1 932	426	1 315	1 469	734	1 242	771	1 507
None -----	42	56	293	41	126	2	47	26	40	41	33	59
Owner-occupied housing units -----	41 207	10 198	264 178	6 166	4 991	2 930	5 440	2 188	4 033	41 520	4 356	5 577
Steam or hot water system -----	3 412	814	24 876	570	487	575	438	144	465	2 776	586	672
Central warm-air furnace -----	31 549	6 009	225 394	3 797	2 524	1 592	3 133	782	2 482	35 637	2 612	2 138
Electric heat pump -----	61	39	749	20	58	32	10	9	22	58	12	75
Other built-in electric units -----	562	261	2 934	183	303	112	186	133	258	345	53	469
Floor, wall, or pipeless furnace -----	1 691	467	3 346	272	389	33	359	95	97	361	150	557
Room heaters with flue -----	2 530	977	4 738	508	399	256	440	243	198	1 069	338	760
Room heaters without flue -----	266	142	703	97	70	25	57	62	27	168	46	160
Fireplaces, stoves, or portable room heaters -----	1 128	1 483	1 371	711	756	305	811	720	484	1 104	559	746
None -----	8	6	67	8	5	-	6	-	-	2	-	-
Renter-occupied housing units -----	13 319	1 936	91 009	1 252	949	594	1 118	329	888	8 929	652	942
Steam or hot water system -----	1 689	120	16 447	119	71	171	161	2	79	1 108	126	49
Central warm-air furnace -----	7 872	969	62 658	558	406	246	508	86	490	6 073	330	326
Electric heat pump -----	132	-	1 412	14	11	2	10	2	58	127	-	7
Other built-in electric units -----	756	56	4 129	66	47	55	76	44	46	519	9	77
Floor, wall, or pipeless furnace -----	862	148	2 163	71	95	5	62	21	49	186	37	144
Room heaters with flue -----	1 391	352	3 214	246	206	73	175	69	104	627	59	260
Room heaters without flue -----	450	113	647	49	15	9	23	11	15	174	12	23
Fireplaces, stoves, or portable room heaters -----	164	178	259	126	98	33	103	87	47	94	77	58
None -----	3	-	80	3	-	-	-	7	-	21	2	-
Occupied housing units -----	54 526	12 134	355 187	7 418	5 940	3 524	6 558	2 517	4 921	50 449	5 008	6 519
No telephone -----	2 856	882	6 321	555	595	223	406	285	267	1 281	282	410
VEHICLES AVAILABLE												
Total:												
None -----	4 718	744	18 346	507	306	260	453	176	228	2 035	291	316
1 -----	20 196	4 269	113 321	2 552	2 258	1 149	2 487	798	1 810	14 756	1 845	2 776
2 -----	20 074	4 663	152 009	2 806	2 391	1 579	2 461	1 132	1 961	22 100	2 080	2 430
3 or more -----	9 538	2 458	71 511	1 553	985	536	1 157	411	922	11 558	792	997
Automobiles:												
None -----	5 765	1 208	22 553	725	667	475	748	328	393	2 637	571	662
1 -----	26 503	6 738	141 228	4 192	3 801	2 238	3 888	1 609	3 952	21 875	3 115	4 114
2 -----	17 867	3 382	145 111	1 961	1 228	701	1 582	476	1 337	19 746	1 083	1 439
3 or more -----	4 391	806	46 295	540	244	110	340	104	239	6 191	239	304
Trucks or vans:												
None -----	39 881	6 895	283 739	4 186	2 996	1 654	3 670	1 110	2 808	34 889	2 653	3 787
1 -----	13 279	4 725	65 174	2 888	2 629	1 674	2 681	1 274	1 871	13 941	2 106	2 397
2 -----	1 220	465	5 594	293	278	184	178	123	187	1 443	222	319
3 or more -----	146	49	680	51	37	12	29	10	55	176	27	16
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units -----	41 207	10 198	264 178	6 166	4 991	2 930	5 440	2 188	4 033	41 520	4 356	5 577
1979 to March 1980 -----	4 184	1 145	32 351	626	569	257	579	273	552	5 381	345	773
1975 to 1978 -----	9 106	2 794	79 439	1 597	1 482	476	1 407	711	1 297	11 621	935	1 875
1970 to 1974 -----	7 282	2 160	50 259	1 285	1 200	552	1 089	581	1 038	7 925	926	1 396
1960 to 1969 -----	9 368	2 007	55 893	1 226	894	613	1 034	355	595	8 227	884	954
1950 to 1959 -----	6 398	1 080	31 691	643	310	368	527	140	232	4 733	559	307
1949 or earlier -----	4 869	1 012	14 545	789	536	664	804	128	319	3 633	707	272
Renter-occupied housing units -----	13 319	1 936	91 009	1 252	949	594	1 118	329	888	8 929	652	942
1979 to March 1980 -----	5 922	901	38 941	567	503	265	551	162	475	4 793	317	564
1975 to 1978 -----	4 686	609	33 716	368	267	166	331	105	311	2 654	188	260
1970 to 1974 -----	1 622	168	11 544	131	99	47	108	28	52	689	82	78
1960 to 1969 -----	690	140	5 335	82	44	68	74	8	25	409	27	25
1959 or earlier -----	399	118	1 473	104	36	48	54	26	25	384	38	15
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units -----	11 476	3 066	58 371	1 823	1 689	1 048	1 707	792	1 107	8 450	1 440	2 192
Owner-occupied housing units -----	9 187	2 709	39 263	1 628	1 524	926	1 478	725	955	7 280	1 304	2 042
Lacking complete plumbing for exclusive use -----	125	132	385	65	54	130	72	12	16	119	45	10
No complete kitchen facilities -----	87	71	316	44	48	52	47	11	10	51	29	9
No vehicle available -----	2 261	521	11 886	339	190	177	314	95	142	1 288	207	205
No telephone -----	335	121	693	111	102	75	84	56	21	116	66	64
Lacking central heating system -----	1 268	874	2 010	430	407	280	413	303	204	534	310	558
Lacking air conditioning -----	9 513	2 719	24 978	1 730	1 560	991	1 615	725	1 049	6 557	1 388	2 092

Table 94. Equipment and Plumbing Facilities for Counties: 1980—Con.

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

Counties	Saginaw	St. Clair	St. Joseph	Sonilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Year-round housing units -----	79 436	50 221	21 248	15 679	3 676	24 398	19 461	25 468	97 397	874 718	10 682
Complete kitchen facilities -----	78 384	49 347	20 902	15 310	3 474	24 008	18 997	24 972	96 407	859 551	10 316
BATHROOMS											
No bathroom or only a half bath -----	1 169	1 237	560	570	285	499	598	742	1 675	17 406	526
1 complete bathroom -----	51 017	33 576	14 301	10 928	2 618	16 466	13 325	17 620	58 696	574 564	7 490
1 complete bathroom plus half bath(s) -----	16 733	8 871	3 801	2 460	468	4 253	3 235	3 777	18 969	181 948	1 464
2 or more complete bathrooms -----	10 517	6 537	2 586	1 721	305	3 180	2 303	3 329	18 057	100 800	1 202
SOURCE OF WATER											
Public system or private company -----	64 839	34 364	10 095	4 731	1 704	11 430	6 187	9 176	79 475	869 874	4 414
Individual drilled well -----	13 003	13 207	10 488	9 244	1 700	12 363	12 134	15 507	16 841	4 021	5 938
Individual dug well -----	1 263	1 981	622	1 599	158	545	747	747	1 003	628	243
Some other source -----	331	669	43	105	114	60	283	38	78	195	87
SEWAGE DISPOSAL											
Public sewer -----	60 240	31 731	8 740	4 216	1 605	11 892	5 737	8 574	79 566	857 936	4 920
Septic tank or cesspool -----	18 613	17 997	12 324	11 115	1 861	12 284	13 396	16 545	17 420	12 823	5 521
Other means -----	583	493	184	348	210	222	328	349	411	3 959	241
AIR CONDITIONING											
None -----	54 405	40 279	14 567	13 901	3 638	18 503	16 060	19 069	50 596	501 331	10 043
Central system -----	9 462	2 302	2 237	296	2	1 732	695	1 779	23 933	130 958	111
1 or more individual room units -----	15 569	7 640	4 444	1 482	36	4 163	2 706	4 620	22 868	242 429	528
HEATING EQUIPMENT											
Year-round housing units -----	79 436	50 221	21 248	15 679	3 676	24 398	19 461	25 468	97 397	874 718	10 682
Steam or hot water system -----	10 239	8 869	1 868	1 821	348	1 781	2 114	2 150	16 448	174 987	1 142
Central warm-air furnace -----	55 767	30 185	14 354	8 491	1 661	18 410	12 160	15 389	72 486	620 226	6 149
Electric heat pump -----	610	440	214	101	63	143	169	336	1 020	4 952	57
Other built-in electric units -----	2 516	2 485	1 363	1 019	374	815	865	1 966	2 991	14 216	488
Floor, wall, or pipeless furnace -----	2 561	2 233	602	800	62	829	880	879	1 249	18 621	480
Room heaters with flue -----	5 036	3 465	1 348	1 770	415	1 348	1 578	2 576	2 033	31 800	851
Room heaters without flue -----	1 187	775	282	439	139	209	330	616	418	6 606	191
Fireplaces, stoves, or portable room heaters -----	1 455	1 649	1 166	1 134	589	798	1 295	1 478	684	2 698	1 296
None -----	65	120	51	104	25	65	70	78	68	612	28
Owner-occupied housing units -----	56 446	37 009	15 439	11 597	2 458	18 807	15 275	17 808	49 698	547 920	7 140
Steam or hot water system -----	6 517	6 413	1 072	1 494	245	1 304	1 729	1 338	5 079	65 912	783
Central warm-air furnace -----	42 473	23 352	10 957	6 531	1 144	14 855	10 015	11 513	41 128	450 473	4 382
Electric heat pump -----	196	254	144	57	58	76	85	190	428	988	16
Other built-in electric units -----	949	1 534	898	752	292	447	639	1 268	783	3 155	233
Floor, wall, or pipeless furnace -----	1 577	1 463	366	492	39	443	665	516	574	8 334	243
Room heaters with flue -----	2 964	2 147	851	1 112	237	889	975	1 490	1 003	15 345	518
Room heaters without flue -----	512	428	140	278	72	121	160	344	160	2 409	73
Fireplaces, stoves, or portable room heaters -----	1 250	1 412	986	873	373	663	1 005	1 147	543	1 180	892
None -----	6	6	5	8	—	9	2	2	—	124	—
Renter-occupied housing units -----	19 670	10 299	4 375	2 362	587	4 552	3 015	5 313	43 239	276 249	1 843
Steam or hot water system -----	3 264	2 111	705	202	55	420	353	683	10 633	90 869	293
Central warm-air furnace -----	11 308	5 048	2 398	1 118	330	2 781	1 503	2 483	28 065	143 356	888
Electric heat pump -----	370	150	62	19	5	59	75	126	537	3 538	29
Other built-in electric units -----	1 352	848	367	199	27	348	194	478	2 103	10 142	127
Floor, wall, or pipeless furnace -----	883	628	200	172	7	353	169	296	636	8 990	142
Room heaters with flue -----	1 720	1 036	383	405	63	413	409	804	908	14 153	144
Room heaters without flue -----	572	313	123	104	21	72	121	204	218	3 581	75
Fireplaces, stoves, or portable room heaters -----	180	165	127	141	79	106	187	214	102	1 287	145
None -----	21	—	10	2	—	—	4	25	37	333	—
Occupied housing units -----	76 116	47 308	19 794	13 959	3 045	23 359	18 290	23 121	92 937	824 169	8 983
No telephone -----	2 730	2 082	1 404	797	205	1 055	913	1 653	2 295	41 388	656
VEHICLES AVAILABLE											
Total:											
None -----	6 898	3 461	1 249	829	204	1 354	966	1 671	7 052	148 332	815
1 -----	26 832	16 690	7 327	5 141	1 207	7 370	5 750	8 013	35 933	315 113	3 517
2 -----	28 543	18 248	7 501	5 408	1 276	9 226	7 257	8 753	34 213	253 570	3 174
3 or more -----	13 843	8 909	3 717	2 581	358	5 409	4 317	4 684	15 739	107 154	1 477
Automobiles:											
None -----	8 165	4 519	1 756	1 277	323	2 022	1 408	2 403	8 423	156 990	1 173
1 -----	35 182	23 725	10 965	8 108	2 028	11 417	9 615	12 317	43 421	357 375	4 939
2 -----	26 041	14 909	5 756	3 706	624	7 568	5 790	6 789	32 250	240 792	2 365
3 or more -----	6 728	4 155	1 317	868	70	2 352	1 477	1 612	8 843	69 012	506
Trucks or vans:											
None -----	56 339	32 166	12 339	8 254	1 767	14 019	10 173	13 920	73 400	713 541	5 809
1 -----	18 127	13 830	6 744	5 090	1 144	8 302	7 241	8 077	17 604	102 571	2 881
2 -----	1 441	1 184	643	559	129	959	778	947	1 684	7 324	256
3 or more -----	209	128	68	56	5	79	98	177	249	733	37
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units -----	56 446	37 009	15 419	11 597	2 458	18 807	15 275	17 808	49 698	547 920	7 140
1979 to March 1980 -----	5 276	4 475	1 775	1 108	221	2 026	1 543	2 067	6 355	45 762	852
1975 to 1978 -----	13 709	9 406	4 096	2 821	620	4 865	3 792	4 806	14 272	118 479	1 974
1970 to 1974 -----	10 892	7 261	2 986	2 547	409	4 007	3 143	3 701	9 305	95 318	1 409
1960 to 1969 -----	13 237	7 026	3 182	2 173	458	3 712	3 131	3 500	10 103	130 746	1 313
1950 to 1959 -----	7 202	4 469	1 867	1 296	366	2 136	1 671	1 847	5 973	97 902	600
1949 or earlier -----	6 130	4 372	1 513	1 652	384	2 061	1 995	1 887	3 690	59 713	992
Renter-occupied housing units -----	19 670	10 299	4 375	2 362	587	4 552	3 015	5 313	43 239	276 249	1 843
1979 to March 1980 -----	9 333	4 839	2 271	1 052	260	2 005	1 265	2 276	23 501	98 700	1 042
1975 to 1978 -----	6 644	3 358	1 276	744	198	1 614	1 093	1 931	14 740	102 596	492
1970 to 1974 -----	2 150	1 095	444	243	58	458	278	582	3 131	38 405	157
1960 to 1969 -----	903	672	221	159	46	265	156	306	1 332	23 430	110
1959 or earlier -----	640	335	163	164	25	210	223	218	535	13 118	42
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units -----	13 641	10 083	4 569	3 735	879	4 106	3 719	5 299	10 203	164 476	2 186
Owner-occupied housing units -----	10 860	8 360	3 779	3 345	729	3 351	3 191	4 381	7 342	118 387	1 868
Lacking complete plumbing for exclusive use -----	187	185	118	114	32	90	116	116	176	2 081	54
No complete kitchen facilities -----	168	181	49	67	27	69	76	109	60	1 844	43
No vehicle available -----	2 938	1 877	748	563	133	767	657	952	2 049	55 698	489
No telephone -----	337	320	224	167	62	188	162	244	192	5 426	107
Lacking central heating system -----	1 595	1 230	572	812	229	440	636	1 009	417	8 692	437
Lacking air conditioning -----	9 063	7 906	2 982	3 327	876	2 997	2 990	3 853	6 130	99 269	2 028

Table 95. Fuels and Financial Characteristics for Counties: 1980—Con.

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

Counties	Calhoun	Cass	Charlevoix	Cheboygan	Chippewo	Clore	Clinton	Crawford	Delta	Dickinson	Eaton	Emmet
Occupied housing units	51 123	17 236	7 056	7 277	9 931	8 686	17 755	3 315	13 568	9 536	30 137	8 107
HOUSE HEATING FUEL												
Utility gas	35 394	7 432	3 569	3 023	4 171	2 978	9 765	1 233	7 663	6 249	19 614	4 055
Bottled, tank, or LP gas	1 643	1 770	886	1 272	901	2 285	873	1 014	1 206	433	1 187	1 052
Electricity	2 211	2 428	252	444	651	636	792	225	744	389	1 988	295
Fuel oil, kerosene, etc	10 991	4 465	1 531	1 408	3 430	1 838	5 704	400	3 144	2 261	6 445	1 905
Coal or coke	49	34	—	9	2	10	21	—	6	—	36	9
Wood	764	1 085	818	1 118	740	936	592	440	798	196	804	768
Other fuel	62	4	—	3	26	—	4	3	2	8	47	13
No fuel used	9	18	—	—	10	3	4	—	5	—	16	10
WATER HEATING FUEL												
Utility gas	34 832	5 214	2 929	2 410	2 731	2 329	7 619	1 122	6 681	4 125	17 603	3 773
Bottled, tank, or LP gas	2 230	1 433	1 244	1 892	923	1 525	940	1 056	1 792	364	1 474	1 351
Electricity	13 140	10 316	2 475	2 657	5 847	4 651	8 637	1 063	4 425	4 782	10 547	2 408
Fuel oil, kerosene, etc	768	181	296	183	201	78	472	39	440	154	377	419
Other	49	34	55	72	75	40	35	22	103	30	61	78
No fuel used	84	58	57	63	154	99	50	13	127	81	75	78
COOKING FUEL												
Utility gas	21 392	4 219	1 795	1 672	1 183	1 551	4 144	890	2 873	2 027	7 236	2 227
Bottled, tank, or LP gas	3 069	2 986	1 468	2 222	1 780	2 438	1 084	1 157	1 976	549	1 972	1 617
Electricity	26 533	9 943	3 724	3 313	6 883	4 651	12 487	1 248	8 565	6 907	20 873	4 144
Other	79	68	69	58	83	38	20	60	104	32	56	109
No fuel used	50	20	—	12	2	3	2	—	50	21	—	10
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	30 032	9 576	3 626	3 960	4 797	4 788	10 097	2 004	7 531	6 347	16 199	3 959
With a mortgage	17 457	5 229	1 784	1 791	2 068	2 319	6 622	1 041	3 572	2 410	11 533	2 172
Less than \$100	30	4	11	12	4	17	13	15	13	—	13	9
\$100 to \$149	294	60	24	35	38	81	38	21	38	—	55	24
\$150 to \$199	682	267	82	99	195	314	152	110	167	109	203	83
\$200 to \$249	2 420	712	212	271	413	331	495	163	388	294	639	224
\$250 to \$299	3 718	852	294	329	422	451	834	182	633	414	1 426	302
\$300 to \$349	2 992	995	330	375	303	373	1 067	157	690	453	2 015	331
\$350 to \$399	2 262	819	247	233	234	248	1 006	204	633	356	1 714	278
\$400 to \$449	1 415	462	140	172	176	231	934	91	330	236	1 519	228
\$450 to \$499	1 127	406	137	77	134	109	682	31	257	259	1 205	168
\$500 to \$599	1 254	366	174	111	102	114	776	62	207	144	1 497	233
\$600 to \$749	759	186	91	48	40	40	431	4	157	71	842	143
\$750 or more	304	100	42	29	7	10	206	3	57	61	405	149
Median	\$323	\$336	\$341	\$320	\$295	\$296	\$386	\$310	\$339	\$341	\$391	\$370
Not mortgaged	12 575	4 347	1 842	2 169	2 729	2 469	3 475	963	3 959	3 937	4 666	1 787
Less than \$50	23	39	9	27	58	8	4	3	10	12	7	13
\$50 to \$74	230	107	42	82	144	145	37	53	89	108	49	55
\$75 to \$99	1 076	378	129	272	472	312	145	125	338	385	187	185
\$100 to \$149	5 454	1 864	821	1 012	1 242	1 158	1 089	370	1 481	1 855	1 457	662
\$150 to \$199	3 731	1 377	550	516	555	607	1 323	309	1 283	1 056	1 738	487
\$200 to \$249	1 304	429	180	189	198	130	615	72	505	352	795	264
\$250 or more	757	153	111	71	60	109	262	31	253	169	433	121
Median	\$146	\$145	\$145	\$135	\$126	\$133	\$146	\$143	\$152	\$138	\$166	\$149
GROSS RENT												
Specified renter-occupied housing units	12 996	2 780	1 338	1 131	2 258	1 339	2 292	506	2 864	1 714	7 352	1 851
Less than \$50	119	31	—	15	19	14	—	6	36	15	23	9
\$50 to \$59	83	22	—	29	18	—	—	5	49	—	9	5
\$60 to \$79	239	46	31	21	83	65	—	19	171	48	94	44
\$80 to \$99	251	91	8	36	94	23	8	9	130	37	66	56
\$100 to \$119	272	68	20	45	114	42	31	7	134	49	192	45
\$120 to \$149	778	126	38	65	223	75	96	11	240	133	278	114
\$150 to \$169	1 004	132	116	56	304	95	129	58	231	108	231	117
\$170 to \$199	1 958	318	195	171	337	196	332	66	527	161	481	251
\$200 to \$249	3 234	761	319	321	480	308	491	83	576	391	1 700	339
\$250 to \$299	2 470	534	232	153	200	238	484	95	318	309	1 703	326
\$300 to \$349	1 134	233	113	70	109	104	195	51	165	207	1 372	188
\$350 to \$399	578	101	71	18	45	17	129	22	70	26	508	106
\$400 to \$499	247	58	20	12	8	9	142	4	9	14	354	64
\$500 or more	48	11	13	—	8	2	47	—	2	—	72	33
No cash rent	581	248	140	148	205	133	194	70	197	178	269	154
Median	\$222	\$228	\$227	\$210	\$183	\$211	\$244	\$221	\$191	\$223	\$262	\$233
HOUSEHOLD INCOME IN 1979												
Occupied housing units	51 123	17 236	7 056	7 277	9 931	8 686	17 755	3 315	13 568	9 536	30 137	8 107
Median income	\$17 436	\$16 273	\$14 378	\$13 140	\$12 653	\$11 419	\$21 536	\$11 479	\$14 858	\$14 161	\$21 659	\$15 435
Owner-occupied housing units	37 407	13 841	5 574	5 994	7 537	7 166	14 987	2 768	10 555	7 761	22 168	6 077
Median income	\$20 576	\$17 820	\$15 877	\$14 443	\$14 467	\$12 451	\$23 027	\$12 196	\$17 032	\$15 043	\$24 526	\$17 418
Renter-occupied housing units	13 716	3 395	1 482	1 283	2 394	1 520	2 768	550	3 013	1 775	7 969	2 030
Median income	\$10 660	\$11 113	\$10 463	\$9 007	\$7 752	\$8 155	\$13 887	\$7 444	\$7 598	\$11 023	\$14 531	\$10 161
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	2 613	1 246	572	726	824	906	712	339	1 054	770	979	603
Percent below poverty level	7.0	9.0	10.3	12.1	10.9	12.6	4.8	12.3	10.0	9.9	4.4	9.9
Complete plumbing for exclusive use	2 547	1 175	543	699	732	854	655	328	954	736	950	552
1.01 or more persons per room	109	38	12	37	35	75	20	10	29	31	38	37
Locking complete plumbing for exclusive use	66	71	29	27	92	52	57	11	100	34	29	51
1.01 or more persons per room	12	4	4	12	11	9	2	1	2	3	—	2
Renter-occupied housing units	3 219	797	314	416	779	467	444	167	869	302	979	421
Percent below poverty level	23.5	23.5	21.2	32.4	32.5	30.7	16.0	30.4	28.8	17.0	12.3	20.7
Complete plumbing for exclusive use	3 046	761	309	381	731	442	431	164	813	291	935	398
1.01 or more persons per room	153	55	21	24	27	53	18	18	43	14	52	13
Locking complete plumbing for exclusive use	173	36	5	35	48	25	13	3	56	11	44	23
1.01 or more persons per room	14	8	—	5	2	2	—	—	—	—	9	6

Table 95. Fuels and Financial Characteristics for Counties: 1980—Con.

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

Counties	Genesee	Gladwin	Gagebic	Grand Traverse	Grotriot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco	Iron
Occupied housing units	154 641	7 159	7 578	19 167	13 319	14 383	12 975	12 764	95 179	16 230	10 162	5 430
HOUSE HEATING FUEL												
Utility gas.....	127 831	1 966	2 893	12 269	7 654	5 857	5 026	5 723	72 366	8 607	5 225	3 405
Bottled, tank, or LP gas.....	2 870	1 668	445	1 171	1 239	2 594	915	1 454	1 605	1 374	1 012	376
Electricity.....	6 780	467	136	748	742	664	918	724	7 588	618	398	309
Fuel oil, kerosene, etc.....	16 074	1 990	3 697	3 811	2 977	4 367	5 100	4 348	10 521	4 637	2 653	1 107
Coal or coke.....	91	—	11	18	17	69	28	45	1 747	51	3	2
Wood.....	744	1 062	339	1 132	681	817	983	459	779	922	850	229
Other fuel.....	188	—	57	3	1	13	3	9	555	17	9	—
No fuel used.....	63	6	—	15	8	2	2	2	18	4	12	2
WATER HEATING FUEL												
Utility gas.....	116 750	1 210	1 203	10 210	6 707	4 770	3 679	3 291	66 839	7 584	3 959	2 533
Bottled, tank, or LP gas.....	3 899	1 205	429	1 389	1 236	2 034	1 253	1 096	2 085	1 582	774	488
Electricity.....	32 930	4 573	5 594	7 113	5 147	7 228	6 780	7 933	23 936	6 676	5 226	2 301
Fuel oil, kerosene, etc.....	805	44	169	311	158	165	769	295	709	284	123	52
Other.....	160	42	69	56	35	52	268	44	1 498	67	10	17
No fuel used.....	97	85	114	88	36	134	226	105	112	37	70	39
COOKING FUEL												
Utility gas.....	61 121	933	532	5 550	3 988	2 820	2 036	2 160	28 776	5 066	2 535	972
Bottled, tank, or LP gas.....	2 979	2 199	688	1 825	1 540	3 037	1 826	1 717	2 257	2 436	1 256	567
Electricity.....	90 248	3 987	6 207	11 696	7 750	8 397	8 663	8 811	63 939	8 646	6 323	3 829
Other.....	141	—	102	87	39	106	372	68	94	69	42	57
No fuel used.....	152	49	49	9	2	23	78	8	113	13	6	5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	96 887	3 495	4 903	10 669	6 614	6 847	6 982	6 623	46 170	8 336	5 435	3 363
With a mortgage.....	64 419	1 579	1 258	6 909	3 667	3 716	2 122	2 743	31 355	4 699	2 651	1 049
Less than \$100.....	115	2	4	8	8	3	3	18	45	6	6	2
\$100 to \$149.....	388	18	24	27	46	26	46	62	147	67	36	16
\$150 to \$199.....	1 875	148	112	154	220	153	163	186	691	336	266	116
\$200 to \$249.....	7 186	243	292	644	559	465	326	390	3 046	610	452	224
\$250 to \$299.....	11 583	323	295	773	782	738	434	492	4 922	942	490	223
\$300 to \$349.....	12 780	266	210	897	621	690	370	458	5 084	943	391	155
\$350 to \$399.....	10 103	168	151	1 052	498	577	264	399	4 209	670	383	127
\$400 to \$449.....	7 051	115	111	888	324	386	176	266	3 475	437	206	74
\$450 to \$499.....	4 936	124	131	707	218	252	95	148	2 540	288	179	40
\$500 to \$599.....	4 847	83	18	906	187	232	142	202	3 459	290	137	49
\$600 to \$749.....	2 382	71	9	472	150	136	87	85	2 185	73	67	21
\$750 or more.....	1 173	19	3	385	54	56	16	37	1 552	37	38	2
Median.....	\$343	\$311	\$284	\$395	\$318	\$334	\$312	\$324	\$371	\$321	\$310	\$287
Not mortgaged.....	32 468	1 916	3 645	3 760	2 947	3 131	4 860	3 880	14 815	3 637	2 784	2 314
Less than \$50.....	43	13	28	10	6	14	6	6	44	23	36	14
\$50 to \$74.....	250	85	178	91	97	54	258	113	215	96	174	79
\$75 to \$99.....	1 743	249	511	292	443	244	668	504	953	447	572	320
\$100 to \$149.....	10 984	866	1 622	1 567	1 331	1 356	2 269	1 861	5 132	1 687	1 296	1 251
\$150 to \$199.....	11 679	498	951	1 116	708	992	1 099	990	4 686	990	500	506
\$200 to \$249.....	5 048	156	261	484	199	334	342	272	2 111	291	153	92
\$250 or more.....	2 721	49	94	200	163	137	155	134	1 674	103	53	52
Median.....	\$162	\$134	\$134	\$148	\$135	\$147	\$133	\$135	\$160	\$137	\$122	\$129
GROSS RENT												
Specified renter-occupied housing units	37 623	902	1 320	4 430	2 421	2 358	3 595	1 640	38 333	3 005	2 842	887
Less than \$50.....	149	—	18	20	13	25	29	—	130	20	19	9
\$50 to \$59.....	373	16	67	28	34	25	102	—	297	64	12	29
\$60 to \$79.....	444	87	81	113	75	32	159	12	429	85	67	81
\$80 to \$99.....	360	33	51	76	76	72	129	37	555	127	56	64
\$100 to \$119.....	603	22	72	58	42	35	125	33	476	110	44	40
\$120 to \$149.....	1 169	44	192	151	156	178	269	111	1 177	180	211	88
\$150 to \$169.....	1 623	57	123	155	203	227	326	143	3 456	196	214	98
\$170 to \$199.....	3 036	66	137	343	327	319	633	307	3 178	409	458	161
\$200 to \$249.....	8 842	215	245	774	651	520	661	374	8 176	693	643	131
\$250 to \$299.....	9 796	147	117	811	425	392	317	191	7 826	487	252	59
\$300 to \$349.....	5 448	70	61	846	172	142	154	92	5 600	209	100	11
\$350 to \$399.....	2 587	9	4	388	78	92	132	46	2 766	92	45	4
\$400 to \$499.....	1 666	11	—	295	14	58	181	29	2 348	61	20	—
\$500 or more.....	372	—	—	109	12	16	119	8	1 115	24	6	—
No cash rent.....	1 155	—	146	263	143	225	259	257	804	248	695	112
Median.....	\$258	\$215	\$166	\$271	\$217	\$214	\$190	\$205	\$255	\$215	\$199	\$165
HOUSEHOLD INCOME IN 1979												
Occupied housing units	154 641	7 159	7 578	19 167	13 319	14 383	12 975	12 764	95 179	16 230	10 162	5 430
Median income.....	\$20 883	\$12 209	\$10 739	\$16 724	\$15 789	\$15 355	\$11 455	\$13 918	\$18 009	\$17 256	\$11 600	\$11 223
Owner-occupied housing units.....	115 594	6 089	6 174	14 437	10 375	11 467	9 198	10 540	55 741	12 763	7 125	4 473
Median income.....	\$23 948	\$13 180	\$11 628	\$18 756	\$17 787	\$16 965	\$13 409	\$14 773	\$23 260	\$19 363	\$13 369	\$12 574
Renter-occupied housing units.....	39 047	1 070	1 404	4 730	2 944	2 916	3 777	2 224	39 438	3 467	3 037	957
Median income.....	\$12 207	\$8 243	\$7 597	\$11 838	\$10 248	\$9 943	\$7 562	\$10 702	\$11 906	\$10 606	\$9 264	\$6 779
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	7 177	764	748	938	979	1 027	980	1 226	2 661	884	677	514
Percent below poverty level.....	6.2	12.5	12.1	6.5	9.4	9.0	10.7	11.6	4.8	6.9	9.5	11.5
Complete plumbing for exclusive use.....	7 136	705	654	903	933	945	787	1 176	2 624	855	650	486
1.01 or more persons per room.....	353	42	24	39	31	41	22	62	86	24	25	13
Locking complete plumbing for exclusive use.....	41	59	94	35	46	82	193	50	37	29	27	28
1.01 or more persons per room.....	—	14	—	—	—	5	3	4	—	1	2	4
Renter-occupied housing units	10 141	343	354	814	746	740	1 429	495	9 737	724	579	263
Percent below poverty level.....	26.0	32.1	25.2	17.2	25.3	25.4	37.8	22.3	37.8	20.9	19.1	27.5
Complete plumbing for exclusive use.....	9 711	308	327	759	731	648	1 280	467	9 373	674	552	249
1.01 or more persons per room.....	720	21	16	55	40	29	83	25	659	15	40	9
Locking complete plumbing for exclusive use.....	430	35	27	55	15	92	149	28	364	50	27	14
1.01 or more persons per room.....	4	—	5	—	4	7	14	2	46	9	2	—

Table 95. Fuels and Financial Characteristics for Counties: 1980—Con.

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

Counties	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston	Lucy
Occupied housing units	16 044	50 974	75 405	3 795	155 598	833	3 050	21 202	5 023	30 044	31 344	2 192
HOUSE HEATING FUEL												
Utility gas	9 289	36 170	54 375	853	133 351	—	85	9 020	1 014	16 461	18 647	722
Bottled, tank, or LP gas	2 137	2 658	1 057	1 237	3 332	89	1 027	2 084	664	3 189	2 164	405
Electricity	1 191	2 413	3 760	187	3 285	43	100	1 636	392	1 067	2 531	90
Fuel oil, kerosene, etc	2 581	8 586	14 611	927	13 694	610	1 163	7 077	2 143	8 658	7 059	655
Coal or coke	8	49	305	3	78	—	6	21	—	60	34	—
Wood	781	1 002	1 067	585	1 556	91	658	1 341	804	553	863	316
Other fuel	42	71	186	—	270	—	6	12	—	31	24	2
No fuel used	15	25	44	3	32	—	5	11	6	5	2	2
WATER HEATING FUEL												
Utility gas	8 167	31 592	52 088	622	127 578	—	56	6 900	662	14 280	14 753	507
Bottled, tank, or LP gas	1 781	2 381	1 825	1 432	4 461	148	1 044	1 772	615	2 431	1 934	474
Electricity	5 758	16 424	18 607	1 618	21 219	576	1 802	12 174	3 461	12 741	14 254	1 113
Fuel oil, kerosene, etc	148	408	2 544	67	2 033	47	46	242	151	462	342	46
Other	104	77	235	24	184	22	39	26	90	33	24	19
No fuel used	86	92	106	32	123	40	63	88	44	97	37	33
COOKING FUEL												
Utility gas	4 499	20 552	27 424	540	98 641	—	80	3 921	337	8 806	7 138	330
Bottled, tank, or LP gas	2 289	3 503	2 080	1 755	5 559	237	1 626	2 414	976	3 017	1 617	694
Electricity	9 194	26 803	45 726	1 459	51 109	556	1 278	14 823	3 621	18 159	22 495	1 132
Other	55	76	93	41	140	37	60	40	80	30	33	36
No fuel used	7	40	82	—	149	3	6	4	9	32	61	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	6 522	30 089	40 421	1 844	91 425	589	1 429	11 385	2 640	17 159	19 571	1 193
With a mortgage	3 987	17 533	26 072	992	58 513	77	469	8 043	1 243	10 574	14 548	527
Less than \$100	15	70	26	5	38	—	15	6	4	58	14	—
\$100 to \$149	38	219	127	8	612	—	20	67	18	62	20	15
\$150 to \$199	98	606	807	23	2 374	20	51	132	54	206	200	61
\$200 to \$249	383	2 322	2 703	143	8 094	18	73	558	103	814	577	87
\$250 to \$299	612	3 103	3 854	200	10 838	14	125	1 167	162	1 480	960	122
\$300 to \$349	582	3 132	4 094	189	10 421	7	75	1 432	144	1 815	1 532	94
\$350 to \$399	573	2 548	3 453	161	7 795	8	45	1 453	205	1 821	1 985	52
\$400 to \$449	538	1 708	2 932	90	5 900	2	22	1 184	163	1 365	1 923	53
\$450 to \$499	324	1 409	2 314	83	3 753	6	8	688	98	971	1 684	24
\$500 to \$599	499	1 316	2 852	46	4 539	2	21	819	145	1 281	2 561	11
\$600 to \$749	224	833	1 832	30	2 595	—	13	368	99	499	1 873	5
\$750 or more	97	267	1 078	14	1 554	—	1	169	48	202	1 219	3
Median	\$373	\$339	\$371	\$331	\$335	\$252	\$280	\$373	\$383	\$373	\$452	\$291
Not mortgaged	2 535	12 556	14 349	852	32 912	512	960	3 342	1 397	6 585	5 023	666
Less than \$50	22	29	52	4	76	12	14	4	15	1	18	18
\$50 to \$74	62	182	118	21	580	28	51	58	47	87	35	46
\$75 to \$99	251	1 082	792	106	2 923	103	157	287	160	300	156	113
\$100 to \$149	946	4 917	5 098	350	15 050	273	369	1 164	538	2 185	1 440	299
\$150 to \$199	718	3 940	4 903	256	9 561	70	248	1 081	396	2 493	1 843	143
\$200 to \$249	323	1 641	2 144	82	3 039	22	82	475	168	1 034	938	36
\$250 or more	213	765	1 242	33	1 683	4	39	273	73	485	593	11
Median	\$149	\$151	\$160	\$143	\$143	\$118	\$134	\$157	\$145	\$163	\$171	\$125
GROSS RENT												
Specified renter-occupied housing units	4 938	11 806	25 042	521	42 651	92	370	3 161	785	5 821	4 629	318
Less than \$50	37	52	50	15	261	2	1	—	6	40	13	6
\$50 to \$59	54	99	118	13	265	3	—	35	7	—	—	5
\$60 to \$79	64	183	408	9	589	—	12	43	5	60	7	7
\$80 to \$99	101	216	361	3	628	6	7	63	—	40	25	15
\$100 to \$119	180	204	478	6	1 076	4	6	41	8	73	33	14
\$120 to \$149	382	535	1 392	15	2 427	5	12	103	21	289	132	15
\$150 to \$169	527	943	1 560	18	2 985	9	17	146	37	279	126	33
\$170 to \$199	545	1 398	2 790	37	6 397	2	67	296	68	610	239	47
\$200 to \$249	788	2 752	5 991	112	11 907	21	94	800	161	1 445	728	73
\$250 to \$299	802	2 384	4 868	112	7 153	5	40	616	128	1 228	1 017	46
\$300 to \$349	399	1 312	2 983	62	4 106	5	15	372	107	710	964	13
\$350 to \$399	158	599	1 720	38	1 815	—	8	151	44	351	525	—
\$400 to \$499	573	336	1 283	13	1 100	—	6	158	46	248	307	—
\$500 or more	79	118	325	5	439	—	3	45	9	9	166	—
No cash rent	249	675	715	63	1 503	30	80	292	145	412	347	44
Median	\$229	\$235	\$242	\$250	\$223	\$195	\$212	\$245	\$258	\$245	\$292	\$195
HOUSEHOLD INCOME IN 1979												
Occupied housing units	16 044	50 974	75 405	3 795	155 598	833	3 050	21 202	5 023	30 044	31 344	2 192
Median income	\$14 897	\$18 391	\$18 525	\$13 879	\$18 515	\$9 117	\$9 093	\$21 339	\$15 762	\$18 468	\$24 394	\$13 462
Owner-occupied housing units	10 752	38 396	49 511	3 213	111 706	702	2 582	17 441	4 019	23 374	26 180	1 822
Median income	\$18 423	\$21 109	\$22 689	\$14 441	\$21 472	\$9 082	\$9 564	\$23 312	\$16 870	\$20 376	\$26 326	\$14 523
Renter-occupied housing units	5 292	12 578	25 894	582	43 892	131	468	3 761	1 004	6 670	5 164	370
Median income	\$9 986	\$11 610	\$11 323	\$11 471	\$11 935	\$9 241	\$6 926	\$12 601	\$12 160	\$12 438	\$14 973	\$8 542
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	924	2 546	2 301	395	6 068	97	555	1 038	348	1 469	1 071	185
Percent below poverty level	8.6	6.6	4.6	12.3	5.4	13.8	21.5	6.0	8.7	6.3	4.1	10.2
Complete plumbing for exclusive use	874	2 483	2 278	370	5 953	75	513	1 017	331	1 412	1 059	167
1.01 or more persons per room	61	97	75	32	242	—	33	62	15	67	33	11
Lacking complete plumbing for exclusive use	50	63	23	25	115	—	22	42	21	17	12	18
1.01 or more persons per room	5	8	—	3	—	—	—	6	—	—	5	4
Renter-occupied housing units	1 969	2 614	5 898	157	8 378	30	186	693	168	1 158	691	116
Percent below poverty level	37.2	20.8	27.0	17.0	19.1	22.9	39.7	18.4	16.7	17.4	13.4	31.4
Complete plumbing for exclusive use	1 872	2 520	5 705	154	8 079	28	168	674	158	1 095	670	110
1.01 or more persons per room	192	98	259	19	283	—	38	32	6	32	32	11
Lacking complete plumbing for exclusive use	97	94	193	3	299	—	2	18	—	10	21	6
1.01 or more persons per room	3	8	15	3	31	—	—	—	—	3	1	—

Table 95. Fuels and Financial Characteristics for Counties: 1980—Con.

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

Counties	Mockinac	Mocomb	Manistee	Morquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm	Montmorency
Occupied housing units	3 680	229 820	8 490	24 514	9 693	11 134	9 283	24 498	3 427	43 110	16 543	2 814
HOUSE HEATING FUEL												
Utility gas	800	205 588	3 758	11 003	4 923	5 293	5 234	16 124	896	27 896	8 250	36
Bottled, tank, or LP gas	549	1 595	811	1 684	1 421	1 966	1 029	1 839	552	4 390	2 217	921
Electricity	459	9 105	433	2 363	334	667	288	933	199	2 393	681	131
Fuel oil, kerosene, etc.	1 153	12 625	2 694	8 330	2 200	2 213	2 312	4 430	1 270	7 571	3 881	1 036
Coal or coke	—	88	16	19	21	—	19	30	2	150	43	—
Wood	714	511	768	1 108	773	974	373	1 095	507	651	1 441	690
Other fuel	5	269	3	7	14	19	28	28	1	46	19	—
No fuel used	—	39	7	—	7	2	—	19	—	13	11	—
WATER HEATING FUEL												
Utility gas	541	195 597	2 949	9 272	4 232	4 385	4 304	14 197	566	23 041	6 883	12
Bottled, tank, or LP gas	603	2 297	820	1 974	1 822	1 711	1 205	1 433	398	3 729	2 256	1 291
Electricity	2 344	30 931	4 258	10 563	3 326	4 654	3 430	8 538	2 342	15 880	7 024	1 217
Fuel oil, kerosene, etc.	100	680	268	2 332	196	247	172	157	49	286	209	188
Other	18	190	123	204	73	74	61	59	33	49	89	51
No fuel used	74	125	72	169	44	63	111	114	39	143	82	55
COOKING FUEL												
Utility gas	310	113 661	1 577	3 486	2 755	3 474	2 773	5 066	394	12 119	4 815	11
Bottled, tank, or LP gas	1 004	1 702	1 382	2 600	2 233	2 422	1 421	2 413	793	2 841	3 331	1 443
Electricity	2 301	114 235	5 438	18 211	4 624	5 165	4 949	16 957	2 215	28 028	8 280	1 299
Other	42	93	89	175	69	69	131	32	25	67	87	61
No fuel used	23	129	4	42	12	4	9	30	—	55	30	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	1 886	157 031	4 666	12 026	4 906	4 385	4 812	14 605	1 526	26 464	8 174	1 498
With a mortgage	704	114 048	1 926	6 603	2 372	2 388	2 093	9 966	716	16 648	4 027	655
Less than \$100	3	91	5	9	—	—	—	2	6	23	17	7
\$100 to \$149	21	329	8	12	23	52	21	65	11	132	68	18
\$150 to \$199	105	1 283	98	178	167	131	137	216	60	273	291	60
\$200 to \$249	146	6 502	346	439	429	302	280	901	122	1 034	722	108
\$250 to \$299	101	16 907	361	972	458	362	440	1 341	188	2 124	795	143
\$300 to \$349	116	19 321	372	952	418	439	359	1 305	117	2 437	765	133
\$350 to \$399	70	17 500	267	1 183	275	313	299	1 382	84	2 562	506	100
\$400 to \$449	56	14 779	157	811	225	289	208	1 149	47	2 433	336	37
\$450 to \$499	37	10 890	135	775	97	204	128	859	28	1 771	209	13
\$500 to \$599	32	13 734	91	723	164	145	142	1 127	38	2 077	188	22
\$600 to \$749	13	8 938	72	416	80	97	46	1 006	11	1 202	83	14
\$750 or more	4	3 774	19	133	36	38	33	613	4	580	47	—
Median	\$288	\$386	\$319	\$381	\$313	\$338	\$323	\$392	\$292	\$395	\$308	\$297
Not mortgaged	1 182	42 983	2 740	5 423	2 534	1 997	2 719	4 639	810	9 816	4 147	843
Less than \$50	40	39	6	47	11	16	15	7	6	25	32	13
\$50 to \$74	71	162	63	100	82	129	103	102	46	51	200	38
\$75 to \$99	223	701	249	267	312	275	250	413	171	374	690	115
\$100 to \$149	511	7 807	1 387	1 716	1 208	808	1 291	1 877	409	2 697	1 971	343
\$150 to \$199	230	17 299	723	1 858	669	535	745	1 482	140	3 805	936	224
\$200 to \$249	73	11 310	214	1 023	198	185	186	458	31	1 904	227	67
\$250 or more	34	5 665	96	412	54	49	129	300	7	960	91	43
Median	\$120	\$187	\$138	\$164	\$137	\$134	\$138	\$148	\$122	\$172	\$127	\$138
GROSS RENT												
Specified renter-occupied housing units	646	45 820	1 564	8 561	1 889	2 896	1 614	4 922	319	8 354	2 645	302
Less than \$50	1	67	6	17	—	55	6	25	—	83	9	2
\$50 to \$59	—	216	9	53	43	33	21	27	—	76	10	2
\$60 to \$79	11	486	58	317	64	47	86	144	2	145	47	5
\$80 to \$99	15	497	56	203	73	23	22	105	—	102	88	6
\$100 to \$119	25	487	58	206	73	75	63	58	—	183	78	8
\$120 to \$149	62	1 053	113	298	137	361	139	139	18	248	213	35
\$150 to \$169	64	754	80	347	213	288	163	137	33	301	250	39
\$170 to \$199	100	1 889	302	1 056	316	363	324	371	68	888	350	29
\$200 to \$249	159	7 271	337	1 902	410	548	341	1 086	76	1 817	661	70
\$250 to \$299	66	12 320	226	1 422	249	466	177	1 028	43	1 969	370	26
\$300 to \$349	31	10 629	75	711	61	203	52	715	14	1 011	201	22
\$350 to \$399	—	4 141	30	274	39	80	28	453	2	493	54	2
\$400 to \$499	2	2 669	15	251	27	83	21	282	—	499	27	6
\$500 or more	6	1 367	8	97	21	59	—	99	—	142	—	—
No cash rent	104	1 974	191	1 407	163	212	171	253	63	397	287	50
Median	\$197	\$288	\$201	\$228	\$192	\$209	\$190	\$261	\$205	\$253	\$209	\$200
HOUSEHOLD INCOME IN 1979												
Occupied housing units	3 680	229 820	8 490	24 514	9 693	11 134	9 283	24 498	3 427	43 110	16 543	2 814
Median income	\$12 532	\$24 188	\$14 071	\$16 377	\$14 228	\$13 016	\$14 137	\$21 553	\$12 396	\$21 280	\$14 770	\$10 152
Owner-occupied housing units	2 941	182 501	6 752	15 738	7 601	7 934	7 472	2 974	1 303	33 963	13 360	2 453
Median income	\$13 368	\$26 553	\$15 575	\$20 572	\$15 923	\$15 964	\$15 167	\$23 644	\$12 950	\$23 303	\$16 127	\$10 681
Renter-occupied housing units	739	47 319	1 738	8 776	2 092	3 200	1 811	5 195	457	9 147	3 183	361
Median income	\$9 857	\$15 462	\$9 293	\$10 653	\$9 287	\$8 738	\$10 467	\$12 258	\$9 347	\$12 835	\$9 997	\$7 352
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	346	7 122	732	956	803	789	740	1 171	419	1 700	1 454	441
Percent below poverty level	11.8	3.9	10.8	6.1	10.6	9.9	9.9	6.1	14.1	5.0	10.9	18.0
Complete plumbing for exclusive use	308	7 036	686	887	769	737	698	1 117	406	1 632	1 362	412
1.01 or more persons per room	10	239	4	27	19	41	11	70	20	86	50	21
Locking complete plumbing for exclusive use	38	86	46	69	34	52	42	54	13	68	92	29
1.01 or more persons per room	—	—	2	8	2	—	—	4	—	13	4	6
Renter-occupied housing units	156	5 738	462	1 945	529	1 241	377	1 065	114	1 708	737	151
Percent below poverty level	21.1	12.1	26.6	22.2	25.3	38.8	20.9	20.5	25.2	18.7	23.2	41.8
Complete plumbing for exclusive use	131	5 626	435	1 852	489	1 163	358	1 024	109	1 594	690	126
1.01 or more persons per room	9	206	11	19	12	102	24	39	7	101	39	19
Locking complete plumbing for exclusive use	25	112	27	43	40	78	19	41	5	114	47	25
1.01 or more persons per room	—	5	3	4	—	4	—	—	3	10	7	2

Table 95. Fuels and Financial Characteristics for Counties: 1980—Con.

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

Counties	Muskegon	Newaygo	Oakland	Oceano	Ogemow	Ontonogon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle	Roscommon
Occupied housing units -----	54 526	12 134	355 187	7 418	5 940	3 524	6 558	2 517	4 921	50 449	5 008	6 519
HOUSE HEATING FUEL												
Utility gas -----	44 827	3 447	305 621	2 360	1 191	777	2 257	19	1 853	38 809	1 351	3 292
Bottled, tank, or LP gas -----	1 763	2 547	3 428	1 278	1 636	323	1 066	763	835	1 253	1 058	1 101
Electricity -----	1 687	389	15 045	311	458	214	291	191	434	1 374	76	653
Fuel oil, kerosene, etc. -----	5 053	4 199	29 405	2 678	1 841	1 876	2 051	762	1 291	7 776	1 906	713
Cool or coke -----	34	36	85	4	10	4	16	—	3	93	10	—
Wood -----	1 089	1 500	1 173	774	781	330	864	773	503	1 062	605	749
Other fuel -----	62	10	283	2	18	—	7	2	2	59	—	11
No fuel used -----	11	6	147	11	5	—	6	7	—	23	2	—
WATER HEATING FUEL												
Utility gas -----	41 780	2 627	276 652	1 703	859	394	1 942	15	1 488	34 041	1 222	2 128
Bottled, tank, or LP gas -----	1 964	2 332	4 544	1 228	1 331	331	1 016	678	1 053	1 709	1 522	811
Electricity -----	10 277	6 691	71 763	4 225	3 530	2 532	3 304	1 724	2 077	13 792	1 718	3 518
Fuel oil, kerosene, etc. -----	322	303	1 884	152	90	88	148	23	273	764	427	10
Other -----	83	77	125	47	46	56	85	28	16	76	64	35
No fuel used -----	100	104	219	63	84	123	63	49	14	67	55	17
COOKING FUEL												
Utility gas -----	29 825	1 518	119 498	1 182	623	195	1 346	20	1 039	16 192	603	1 581
Bottled, tank, or LP gas -----	2 502	3 872	2 799	2 249	1 949	751	1 757	1 056	1 208	1 846	1 691	1 041
Electricity -----	22 061	6 637	232 625	3 933	3 340	2 453	3 373	1 424	2 636	32 299	2 658	3 886
Other -----	70	101	114	51	27	120	78	15	31	52	53	11
No fuel used -----	68	6	151	3	1	5	4	2	7	60	3	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	33 986	5 415	224 732	3 344	3 152	1 806	2 857	1 372	2 836	32 249	2 887	4 449
With a mortgage -----	18 388	2 547	168 608	1 514	1 370	749	1 294	582	1 608	20 979	1 145	1 810
Less than \$100 -----	52	6	74	18	7	—	2	4	6	11	2	8
\$100 to \$149 -----	333	62	429	35	26	15	16	19	13	118	17	93
\$150 to \$199 -----	1 743	166	2 102	83	109	56	76	61	75	612	87	125
\$200 to \$249 -----	3 543	396	8 012	271	250	203	204	136	211	2 209	162	311
\$250 to \$299 -----	3 542	535	16 325	363	291	175	298	137	345	3 552	254	378
\$300 to \$349 -----	2 975	452	21 261	261	213	111	247	79	238	3 992	217	315
\$350 to \$399 -----	2 117	313	20 420	170	170	75	177	62	252	3 396	121	245
\$400 to \$449 -----	1 377	216	18 139	110	96	55	106	29	145	2 348	89	139
\$450 to \$499 -----	822	151	15 144	58	100	23	76	111	111	1 473	59	73
\$500 to \$599 -----	959	154	23 810	78	84	19	77	23	132	1 767	94	83
\$600 to \$749 -----	577	65	20 677	36	22	17	6	8	43	972	35	34
\$750 or more -----	348	31	22 215	6	2	—	9	1	37	529	8	6
Median -----	\$300	\$312	\$443	\$298	\$300	\$279	\$310	\$274	\$332	\$350	\$312	\$299
Not mortgaged -----	15 598	2 868	56 124	1 830	1 782	1 057	1 563	790	1 228	11 270	1 742	2 639
Less than \$50 -----	34	34	68	13	17	24	15	24	—	8	10	12
\$50 to \$74 -----	528	123	289	61	83	47	67	67	24	129	21	204
\$75 to \$99 -----	2 048	345	1 118	227	233	171	220	147	155	634	171	521
\$100 to \$149 -----	7 133	1 380	12 446	848	808	467	694	327	511	5 124	648	1 335
\$150 to \$199 -----	4 131	689	19 012	488	462	253	409	149	372	3 812	604	434
\$200 to \$249 -----	1 103	211	11 559	123	127	66	122	52	132	1 117	199	115
\$250 or more -----	621	86	11 632	70	52	29	36	24	34	446	93	18
Median -----	\$136	\$134	\$186	\$136	\$135	\$132	\$133	\$123	\$144	\$148	\$152	\$120
GROSS RENT												
Specified renter-occupied housing units -----	12 835	1 504	88 325	960	777	518	909	293	786	8 282	554	885
Less than \$50 -----	88	2	275	—	4	3	13	—	7	8	—	—
\$50 to \$59 -----	124	15	511	—	—	4	26	—	—	12	7	3
\$60 to \$79 -----	417	4	1 108	3	2	29	26	7	16	62	29	20
\$80 to \$99 -----	262	35	763	15	13	9	18	3	21	115	—	24
\$100 to \$119 -----	420	40	874	22	20	25	26	12	14	153	18	65
\$120 to \$149 -----	871	95	1 522	55	45	69	91	16	40	429	55	44
\$150 to \$169 -----	962	112	1 866	63	48	46	75	18	38	419	41	99
\$170 to \$199 -----	2 160	184	2 826	175	153	82	143	48	61	782	109	152
\$200 to \$249 -----	3 500	412	9 217	231	168	89	187	80	186	1 989	96	149
\$250 to \$299 -----	1 773	220	15 814	127	135	53	128	30	105	1 748	63	152
\$300 to \$349 -----	1 021	138	19 451	66	44	18	40	20	143	1 166	31	43
\$350 to \$399 -----	449	21	12 336	27	24	9	10	—	43	502	7	18
\$400 to \$499 -----	185	25	12 837	6	6	3	4	6	63	248	9	11
\$500 or more -----	31	2	6 364	1	—	—	3	—	12	73	5	8
No cash rent -----	572	199	2 561	169	115	79	119	50	37	576	84	97
Median -----	\$212	\$221	\$321	\$213	\$213	\$181	\$191	\$207	\$245	\$247	\$193	\$198
HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	54 526	12 134	355 187	7 418	5 940	3 524	6 558	2 517	4 921	50 449	5 008	6 519
Median income -----	\$16 076	\$14 136	\$25 250	\$14 158	\$10 528	\$12 978	\$12 977	\$10 984	\$15 054	\$20 226	\$12 515	\$10 929
Owner-occupied housing units -----	41 207	10 198	264 178	6 166	4 991	2 930	5 440	2 188	4 033	41 520	4 356	5 577
Median income -----	\$18 344	\$15 315	\$28 853	\$15 321	\$11 168	\$14 187	\$13 944	\$11 310	\$16 488	\$21 765	\$13 447	\$11 516
Renter-occupied housing units -----	13 319	1 936	91 009	1 252	949	594	1 118	329	888	8 929	652	942
Median income -----	\$9 578	\$9 448	\$16 397	\$9 770	\$8 023	\$8 956	\$9 690	\$8 932	\$10 263	\$12 901	\$7 787	\$7 967
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units -----	3 084	1 236	9 642	715	639	338	693	315	356	1 853	718	729
Percent below poverty level -----	7.5	12.1	3.6	11.6	16.8	11.5	12.7	14.4	8.8	4.5	16.5	13.1
Complete plumbing for exclusive use -----	3 043	1 156	9 568	671	800	277	649	298	349	1 807	669	720
1.01 or more persons per room -----	217	86	367	42	35	33	41	14	12	44	52	13
Locking complete plumbing for exclusive use -----	41	80	74	44	39	61	44	17	7	46	49	9
1.01 or more persons per room -----	—	3	—	4	9	12	4	6	—	2	7	2
Renter-occupied housing units -----	3 731	546	11 168	332	337	144	294	87	151	1 575	224	302
Percent below poverty level -----	28.0	28.2	12.3	26.5	35.5	24.2	26.3	26.4	17.0	17.6	34.4	32.1
Complete plumbing for exclusive use -----	3 653	496	10 953	312	325	136	271	80	143	1 512	208	295
1.01 or more persons per room -----	271	47	601	31	18	6	24	7	10	155	10	32
Locking complete plumbing for exclusive use -----	78	50	215	20	12	8	23	7	8	63	16	7
1.01 or more persons per room -----	5	—	31	3	—	—	4	—	—	18	2	—

Table 95. Fuels and Financial Characteristics for Counties: 1980—Con.

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

Counties	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Occupied housing units -----	76 116	47 308	19 794	13 959	3 045	23 359	18 290	23 121	92 937	824 169	8 983
HOUSE HEATING FUEL											
Utility gas-----	57 915	32 054	10 441	4 872	886	13 611	7 272	9 852	72 366	767 274	4 914
Bottled, tank, or LP gas-----	2 419	2 693	2 057	2 055	423	1 331	3 011	2 563	2 262	5 990	726
Electricity-----	4 161	3 061	1 740	1 089	382	1 147	1 063	2 370	6 028	25 618	467
Fuel oil, kerosene, etc-----	10 268	7 951	4 474	4 970	937	6 499	5 810	7 038	11 240	20 031	1 889
Coal or coke-----	135	120	32	57	—	37	69	30	65	1 783	4
Wood-----	1 107	1 358	1 020	901	417	707	1 046	1 195	557	446	977
Other fuel-----	82	65	15	5	—	18	13	46	382	2 570	6
No fuel used-----	29	6	15	10	—	9	6	27	37	457	—
WATER HEATING FUEL											
Utility gas-----	53 342	26 374	8 122	2 808	392	10 945	5 156	8 362	65 566	747 783	3 497
Bottled, tank, or LP gas-----	2 521	2 451	1 860	1 553	477	1 157	2 670	2 500	2 229	13 615	668
Electricity-----	19 477	17 789	9 474	9 337	2 079	10 885	9 929	11 503	23 958	58 505	4 608
Fuel oil, kerosene, etc-----	510	426	246	155	31	291	356	574	938	1 376	113
Other-----	68	105	26	35	22	29	56	62	123	2 031	54
No fuel used-----	198	163	66	71	44	52	123	120	123	859	43
COOKING FUEL											
Utility gas-----	33 103	15 436	5 200	2 277	295	5 521	3 510	6 404	31 947	544 022	2 113
Bottled, tank, or LP gas-----	3 143	2 605	3 153	2 520	629	1 636	3 999	5 389	1 867	5 513	1 312
Electricity-----	39 704	29 054	11 354	9 128	2 087	16 101	10 708	11 230	58 898	272 911	5 480
Other-----	103	132	79	32	32	70	63	73	66	346	75
No fuel used-----	63	81	8	2	2	31	10	25	159	1 377	3
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units											
With a mortgage-----	46 838	27 727	11 145	6 306	1 698	13 613	9 311	10 641	39 161	477 433	4 674
Less than \$100-----	28 933	16 508	6 402	3 145	708	8 564	5 531	5 944	28 936	307 369	2 580
\$100 to \$149-----	49	34	—	12	—	3	12	18	27	532	4
\$150 to \$199-----	196	102	70	34	27	48	77	71	30	2 851	69
\$200 to \$249-----	955	383	241	155	50	232	168	243	194	9 260	170
\$250 to \$299-----	2 873	1 629	978	367	89	1 035	624	689	1 056	32 438	374
\$300 to \$349-----	4 752	2 783	1 189	608	151	1 635	973	1 089	2 108	55 587	434
\$350 to \$399-----	5 150	2 828	1 294	659	75	1 577	966	1 275	3 013	59 819	404
\$400 to \$449-----	4 370	2 519	919	460	107	1 477	870	840	3 526	47 664	373
\$450 to \$499-----	2 956	1 828	559	345	79	943	671	598	3 449	31 705	258
\$500 to \$599-----	2 429	1 455	404	219	49	611	399	403	3 101	21 268	154
\$600 to \$749-----	2 723	1 547	443	148	64	588	481	465	5 113	22 750	213
\$750 or more-----	1 743	924	219	108	17	320	239	196	4 064	14 390	76
Median-----	737	476	86	30	—	95	51	57	3 255	9 105	51
Median-----	\$356	\$360	\$328	\$330	\$325	\$342	\$347	\$334	\$467	\$344	\$330
Not mortgaged-----	17 905	11 219	4 743	3 161	990	5 049	3 780	4 697	10 225	170 064	2 094
Less than \$50-----	67	7	19	11	19	2	26	29	11	374	33
\$50 to \$74-----	200	80	88	103	44	71	64	157	12	1 469	65
\$75 to \$99-----	995	687	430	341	80	392	292	559	209	7 403	210
\$100 to \$149-----	5 885	3 755	2 193	1 231	391	1 954	1 666	2 043	1 441	54 679	853
\$150 to \$199-----	6 303	4 188	1 444	942	283	1 602	1 190	1 366	3 388	63 542	633
\$200 to \$249-----	2 903	1 634	367	364	134	666	362	389	2 556	26 607	202
\$250 or more-----	1 552	868	202	169	39	362	180	154	2 608	15 990	98
Median-----	\$163	\$161	\$142	\$146	\$145	\$153	\$146	\$140	\$201	\$165	\$143
GROSS RENT											
Specified renter-occupied housing units											
Less than \$50-----	18 670	9 585	3 944	1 730	505	4 015	2 366	4 472	41 625	270 619	1 686
\$50 to \$59-----	136	36	—	3	—	—	20	16	105	1 792	21
\$60 to \$79-----	205	105	47	—	9	—	14	31	128	3 669	31
\$80 to \$99-----	360	152	94	10	17	45	35	60	395	5 216	25
\$100 to \$119-----	253	163	41	25	28	4	72	101	378	5 035	54
\$120 to \$149-----	409	182	120	48	30	85	51	129	356	7 761	80
\$150 to \$169-----	744	331	219	109	53	210	109	288	968	20 491	134
\$170 to \$199-----	766	514	275	84	43	251	152	385	1 215	21 571	93
\$200 to \$249-----	1 576	949	504	226	60	461	314	365	2 169	29 304	260
\$250 to \$299-----	4 098	2 241	1 018	364	138	1 002	600	1 141	5 468	52 942	348
\$300 to \$349-----	4 426	1 983	790	346	45	945	417	733	9 244	51 804	331
\$350 to \$399-----	2 737	1 292	339	157	25	418	189	334	9 279	35 091	101
\$400 to \$499-----	1 365	645	103	62	—	230	108	138	4 607	15 580	43
\$500 or more-----	812	413	73	44	—	80	26	69	4 066	9 658	22
No cash rent-----	127	69	41	4	3	23	14	17	2 610	3 100	4
Median-----	656	510	280	248	54	261	245	393	637	7 605	139
Median-----	\$255	\$247	\$223	\$231	\$193	\$242	\$223	\$217	\$300	\$235	\$210
HOUSEHOLD INCOME IN 1979											
Occupied housing units											
Median income-----	\$19 747	\$18 403	\$16 123	\$14 620	\$12 462	\$19 679	\$18 477	\$15 477	\$20 626	\$18 525	\$13 469
Owner-occupied housing units-----	56 446	37 009	15 419	11 597	2 458	18 807	15 275	17 808	49 698	547 920	7 140
Median income-----	\$22 542	\$20 660	\$17 901	\$15 526	\$13 380	\$21 466	\$20 092	\$17 412	\$27 772	\$22 954	\$14 946
Renter-occupied housing units-----	19 670	10 299	4 375	2 362	587	4 552	3 015	5 313	43 239	276 249	1 843
Median income-----	\$10 983	\$10 962	\$11 330	\$11 067	\$8 795	\$11 982	\$11 759	\$9 724	\$13 750	\$10 405	\$8 887
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units											
Percent below poverty level-----	3 928	2 723	1 085	1 243	267	1 164	1 362	1 730	1 613	40 486	743
Complete plumbing for exclusive use-----	7.0	7.4	7.0	10.7	10.9	6.2	8.9	9.7	3.2	7.4	10.4
1.01 or more persons per room-----	3 837	2 611	1 022	1 189	248	1 135	1 295	1 662	1 580	40 007	714
Lacking complete plumbing for exclusive use-----	269	103	52	48	22	29	87	112	44	2 338	38
1.01 or more persons per room-----	91	112	63	54	19	29	67	68	33	479	29
Median-----	11	6	13	5	2	—	—	14	—	62	4
Renter-occupied housing units											
Percent below poverty level-----	5 467	2 589	824	510	134	1 000	687	1 334	8 534	81 971	473
Complete plumbing for exclusive use-----	25.8	25.1	18.8	21.6	22.8	22.0	22.8	25.1	19.7	29.7	25.7
1.01 or more persons per room-----	5 334	2 511	792	480	109	964	626	1 265	8 181	78 576	429
Lacking complete plumbing for exclusive use-----	395	100	74	24	7	29	52	165	502	4 905	31
1.01 or more persons per room-----	133	78	32	30	25	36	61	69	353	3 395	44
Median-----	11	5	—	—	—	4	2	15	43	265	4

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 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]

Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]

Occupied housing units -----

YEAR STRUCTURE BUILT

1979 to March 1980	694	8	—	31	51	4	—	735	2	5	11
1975 to 1978	2 491	39	14	14	273	47	6	3 334	23	—	35
1970 to 1974	4 027	48	23	115	333	56	11	4 858	77	26	101
1960 to 1969	4 085	91	17	97	323	18	44	6 228	24	18	87
1950 to 1959	3 304	43	16	43	239	2	11	6 595	42	33	113
1940 to 1949	2 274	68	11	45	202	8	5	5 022	32	34	161
1939 or earlier	9 578	109	46	92	1 286	72	51	13 682	93	64	274

BEDROOMS

None	127	2	—	7	23	12	—	309	—	3	19
1	2 017	22	7	40	326	48	4	4 015	76	24	126
2	7 996	170	54	168	802	83	63	12 118	120	66	211
3	11 114	145	49	110	1 071	83	38	17 604	71	70	241
4	4 231	42	15	88	420	6	18	5 342	20	14	137
5 or more	958	25	2	24	65	—	5	1 066	6	3	48

UNITS IN STRUCTURE

1, detached	21 120	319	86	257	2 200	114	100	31 711	124	147	530
1, attached	232	1	—	11	4	5	—	569	6	—	8
2	873	13	—	11	99	18	5	1 747	47	3	59
3 and 4	532	9	2	3	51	—	7	1 395	40	6	67
5 to 9	368	5	—	24	49	13	4	1 017	34	6	49
10 to 49	583	11	10	40	83	35	2	1 142	35	7	23
50 or more	84	—	—	9	8	—	—	854	2	—	9
Mobile home or trailer, etc.	2 651	48	29	82	213	22	10	2 019	5	11	37

UNITS IN STRUCTURE BY GROSS RENT

Specified renter-occupied housing units	3 931	102	40	132	454	83	40	7 764	172	38	347
1, mobile home or trailer, etc.	2 116	69	28	60	225	28	28	2 579	34	16	159
Median gross rent	\$244	\$232	\$240	\$301	\$190	\$137	\$275	\$266	\$302	\$175	\$292
2 or more	1 815	33	12	72	229	55	12	5 185	138	22	188
Median gross rent	\$210	\$252	\$100	\$252	\$149	\$104	\$229	\$212	\$224	\$175	\$214

BATHROOMS

No bathroom or only a half bath	583	13	11	15	230	24	7	810	9	21	12
1 complete bathroom	17 214	301	86	311	1 904	176	94	26 292	221	128	603
1 complete bathroom plus half bath(s)	4 655	34	13	84	407	—	13	8 217	15	31	101
2 or more complete bathrooms	3 991	58	17	27	166	7	14	5 135	48	—	66

SOURCE OF WATER

Public system or private company	8 245	67	20	162	1 308	146	34	33 273	293	145	740
Individual drilled well	17 326	297	102	223	1 028	57	73	6 412	—	35	35
Individual dug well	803	42	5	49	185	—	14	581	—	—	7
Some other source	69	—	—	3	186	4	7	188	—	—	—

HEATING EQUIPMENT

Steam or hot water system	1 878	2	14	23	466	11	11	6 131	25	22	66
Central warm-air furnace	19 692	220	69	282	1 245	112	86	28 655	218	117	525
Electric heat pump	113	—	—	—	21	7	—	220	10	—	4
Other built-in electric units	613	14	—	14	67	4	4	783	4	3	35
Floor, wall, or pipeless furnace	574	17	—	10	104	—	3	1 295	7	21	28
Room heaters with flue	1 857	85	32	69	172	27	10	2 098	15	14	89
Room heaters without flue	284	24	—	11	145	3	14	450	9	—	28
Fireplaces, stoves, or portable room heaters	1 419	44	12	28	487	43	—	807	5	3	3
None	13	—	—	—	—	—	—	15	—	—	4

SELECTED CHARACTERISTICS

No telephone	1 267	50	37	74	134	59	4	1 419	11	13	92
No complete kitchen facilities	298	7	9	16	66	16	—	415	5	7	2
Lacking air conditioning	20 748	347	107	385	2 437	188	100	29 414	199	139	625
Lacking public sewer	18 563	340	111	278	1 485	75	88	15 645	7	75	104
No vehicle available	1 268	53	20	38	211	36	2	3 139	67	22	82

YEAR HOUSEHOLDER MOVED INTO UNIT

Owner-occupied housing units	21 739	291	83	279	2 179	112	85	32 332	121	138	420
1979 to March 1980	2 600	25	13	49	148	—	6	2 974	20	14	50
1975 to 1978	5 982	59	21	94	486	—	33	8 058	39	44	153
1970 to 1974	4 240	76	17	72	478	—	19	5 300	40	12	139
1960 to 1969	3 998	93	21	49	337	—	20	6 268	—	29	57
1950 to 1959	2 413	26	6	15	263	—	6	4 734	8	29	19
1949 or earlier	2 506	12	5	—	467	—	1	4 996	14	10	2
Renter-occupied housing units	4 704	115	44	158	528	95	43	8 122	172	42	362
1979 to March 1980	2 235	50	26	62	205	—	31	3 785	50	11	185
1975 to 1978	1 560	33	2	61	152	—	2	2 738	81	19	114
1970 to 1974	418	20	12	18	56	—	4	845	23	6	39
1960 to 1969	227	—	2	11	70	—	2	463	—	6	17
1959 or earlier	264	12	2	6	45	—	4	291	18	—	7

CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER

Occupied housing units	5 426	126	25	50	877	27	3	8 492	34	7	27
Owner-occupied housing units	4 622	119	11	28	690	5	3	6 944	20	7	13
Lacking complete plumbing for exclusive use	146	4	3	—	67	—	—	175	—	7	—
No complete kitchen facilities	75	—	3	1	16	—	—	80	—	7	—
No vehicle available	912	22	15	20	163	13	—	2 025	14	7	—
No telephone	154	—	2	—	51	7	—	232	—	—	—
Lacking central heating system	763	45	10	15	241	7	2	896	5	—	—
Lacking air conditioning	4 187	118	24	42	796	27	1	6 151	25	7	16

*Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Berrien					Colhoun					Cass	
	Race				Spanish origin ¹	Race				Spanish origin ¹	Race	
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander		White	Black
Occupied housing units	52 410	7 291	176	258	540	45 940	4 577	202	150	650	15 678	1 391
YEAR STRUCTURE BUILT												
1979 to March 1980	801	55	—	—	6	785	48	6	4	7	387	—
1975 to 1978	3 347	244	4	68	16	2 346	148	4	—	21	1 291	93
1970 to 1974	5 889	767	21	73	80	4 267	549	2	36	67	2 005	176
1960 to 1969	10 300	1 309	43	46	118	7 286	609	36	30	81	2 832	250
1950 to 1959	9 768	1 318	—	35	127	8 348	679	41	32	127	2 330	193
1940 to 1949	6 649	1 442	21	18	99	5 867	562	33	11	106	1 704	202
1939 or earlier	15 656	2 156	87	18	94	17 041	1 982	80	37	241	5 129	477
BEDROOMS												
None	564	198	4	—	21	526	33	5	6	8	52	5
1	4 941	1 336	13	44	79	5 191	765	47	37	98	1 276	162
2	17 323	2 448	75	91	218	15 020	1 404	53	15	194	5 263	475
3	21 537	2 183	49	74	150	18 386	1 751	78	62	234	6 658	525
4	6 448	893	16	20	50	5 675	470	19	22	87	1 967	181
5 or more	1 597	233	19	29	22	1 142	154	—	8	29	462	43
UNITS IN STRUCTURE												
1, detached	40 768	4 393	120	111	282	35 503	2 847	122	98	433	13 081	1 109
1, attached	655	457	—	8	6	445	252	—	9	23	101	12
2	2 894	700	18	35	82	2 137	375	16	10	50	388	51
3 and 4	1 623	591	8	6	33	1 693	372	34	5	23	205	41
5 to 9	1 070	323	—	18	27	945	260	14	7	42	165	60
10 to 49	2 236	567	4	80	71	2 425	389	6	21	51	255	11
50 or more	852	198	9	—	13	650	57	—	—	8	75	11
Mobile home or trailer, etc.	2 312	62	17	—	26	2 142	25	10	—	20	1 408	96
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	12 388	3 697	87	123	282	10 597	2 138	94	50	238	2 383	317
1, mobile home or trailer, etc.	5 081	1 588	55	15	84	3 597	812	30	16	87	1 608	200
Median gross rent	\$253	\$261	\$284	\$253	\$259	\$250	\$238	\$271	\$344	\$261	\$242	\$231
2 or more	7 307	2 109	32	108	198	7 000	1 326	64	34	151	775	117
Median gross rent	\$227	\$210	\$240	\$222	\$215	\$213	\$206	\$252	\$237	\$182	\$204	\$177
BATHROOMS												
No bathroom or only a half bath	758	250	4	8	9	886	84	11	9	15	268	55
1 complete bathroom	32 860	5 478	144	153	395	31 659	3 485	159	53	512	10 583	1 062
1 complete bathroom plus half bath(s)	10 008	991	10	12	66	7 427	619	29	62	64	2 591	155
2 or more complete bathrooms	8 784	572	18	85	70	5 968	389	3	26	59	2 236	119
SOURCE OF WATER												
Public system or private company	27 408	6 119	123	194	322	26 223	4 349	149	112	469	3 457	580
Individual drilled well	23 754	1 050	47	57	190	18 778	176	47	29	170	11 691	691
Individual dug well	1 143	103	6	7	28	877	46	6	9	11	523	117
Some other source	105	19	—	—	—	62	6	—	—	—	7	3
HEATING EQUIPMENT												
Steam or hot water system	4 718	542	11	61	61	3 891	521	13	15	56	888	43
Central warm-air furnace	34 060	4 306	74	127	234	35 780	3 389	160	105	492	9 805	811
Electric heat pump	1 215	178	—	14	16	327	32	—	—	8	200	11
Other built-in electric units	6 531	732	23	41	63	1 313	45	—	8	9	1 674	104
Floor, wall, or pipeless furnace	1 097	257	—	—	17	970	162	4	6	15	471	69
Room heaters with flue	2 991	995	29	15	68	2 364	360	15	16	57	1 288	248
Room heaters without flue	591	181	11	—	42	389	48	—	—	6	241	42
Fireplaces, stoves, or portable room heaters	1 173	91	—	—	39	897	20	10	—	7	1 098	58
None	34	9	—	—	—	9	—	—	—	—	13	5
SELECTED CHARACTERISTICS												
No telephone	2 224	1 075	37	11	107	1 686	419	53	9	33	856	153
No complete kitchen facilities	587	282	—	—	31	419	114	—	9	8	180	31
Lacking air conditioning	28 030	5 419	129	104	394	31 206	3 589	186	66	513	10 024	1 053
Lacking public sewer	20 859	689	29	104	237	24 846	543	64	65	232	12 619	797
No vehicle available	3 829	2 111	31	34	109	3 665	1 203	37	10	90	760	269
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	38 850	3 335	87	128	220	34 662	2 402	108	100	394	12 729	1 028
1979 to March 1980	3 865	296	6	14	46	3 593	168	10	12	37	1 256	68
1975 to 1978	9 066	759	15	57	50	8 549	430	45	64	120	3 375	178
1970 to 1974	6 955	943	27	35	30	5 850	579	22	—	42	2 432	194
1960 to 1969	8 805	837	20	10	57	7 494	547	16	13	123	2 911	298
1950 to 1959	5 426	289	10	10	19	5 043	457	10	11	49	1 526	151
1949 or earlier	4 733	211	9	2	18	4 133	221	5	—	23	1 229	139
Renter-occupied housing units	13 560	3 956	89	130	320	11 278	2 175	94	50	256	2 949	363
1979 to March 1980	6 403	1 795	66	83	179	5 622	951	55	20	139	1 344	99
1975 to 1978	4 285	1 418	23	40	85	3 760	708	23	24	81	1 035	175
1970 to 1974	1 488	453	—	7	22	1 014	366	16	6	35	252	49
1960 to 1969	826	216	—	—	16	540	58	—	—	—	191	28
1959 or earlier	558	74	—	—	18	342	92	—	—	1	127	12
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	11 656	1 158	20	15	53	9 863	634	14	4	65	3 161	470
Owner-occupied housing units	9 256	718	20	8	35	8 150	452	14	4	51	2 760	398
Lacking complete plumbing for exclusive use	199	33	—	—	3	231	—	—	—	—	61	17
No complete kitchen facilities	146	33	—	—	3	103	2	—	—	—	25	15
No vehicle available	2 515	447	7	7	26	2 070	257	—	4	29	460	119
No telephone	1 118	362	—	—	11	210	21	—	—	—	120	32
Lacking central heating system	1 118	184	—	—	27	819	78	4	—	3	538	148
Lacking air conditioning	6 716	880	20	2	47	6 835	538	14	4	54	2 042	365

¹Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties
[400 or More of the Specified Racial or Spanish Origin Group]

	Chippewa		Clinton		Delta		Eaton			Emmet	
	Race		Race		Race		Race			Race	
	White	American Indian, Eskimo, and Aleut	Spanish origin ¹	White	American Indian, Eskimo, and Aleut	White	Black	Spanish origin ¹	White	American Indian, Eskimo, and Aleut	
Occupied housing units	9 254	656	246	13 417	141	29 027	739	370	7 949	142	
YEAR STRUCTURE BUILT											
1979 to March 1980	194	11	5	236	9	1 521	56	17	430	3	
1975 to 1978	930	49	25	1 355	11	3 903	146	61	830	7	
1970 to 1974	996	41	33	1 721	11	4 909	260	83	1 332	17	
1960 to 1969	1 437	120	38	1 518	13	5 617	221	85	1 065	20	
1950 to 1959	1 236	49	40	1 449	8	2 889	27	21	754	21	
1940 to 1949	1 052	75	13	1 152	3	1 751	11	34	601	12	
1939 or earlier	3 409	311	92	5 986	86	8 437	18	69	2 937	62	
BEDROOMS											
None	86	10	—	87	—	160	4	6	109	4	
1	961	114	12	1 519	2	2 951	179	57	883	25	
2	3 185	199	61	4 287	52	8 053	191	109	2 215	45	
3	3 572	217	130	5 569	62	12 464	229	147	3 213	59	
4	1 194	96	34	1 558	25	4 548	128	45	1 128	9	
5 or more	256	20	9	397	—	851	8	6	401	—	
UNITS IN STRUCTURE											
1, detached	6 656	402	183	9 986	125	21 489	341	245	6 062	101	
1, attached	79	31	—	135	—	520	20	16	46	—	
2	616	50	13	1 018	6	1 119	7	—	287	11	
3 and 4	361	49	19	418	2	781	52	8	300	13	
5 to 9	215	34	—	328	1	774	36	11	215	—	
10 to 49	200	34	12	164	—	2 764	257	77	285	—	
50 or more	76	—	—	412	—	405	26	—	86	—	
Mobile home or trailer, etc.	1 051	56	19	956	7	1 175	—	13	668	17	
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	1 980	261	47	2 838	26	6 804	413	153	1 789	54	
1, mobile home or trailer, etc.	873	99	15	1 077	18	1 688	53	61	874	30	
Median gross rent	\$233	\$228	\$279	\$228	\$266	\$286	\$431	\$247	\$258	\$245	
2 or more	1 107	162	32	1 761	8	5 116	360	92	915	24	
Median gross rent	\$162	\$163	\$211	\$167	\$133	\$257	\$275	\$272	\$196	\$255	
BATHROOMS											
No bathroom or only a half bath	289	44	2	418	4	460	12	16	166	25	
1 complete bathroom	6 461	500	170	9 218	119	16 788	404	224	4 979	109	
1 complete bathroom plus half bath(s)	1 448	68	45	2 101	12	6 555	209	94	1 180	—	
2 or more complete bathrooms	1 056	44	29	1 680	6	5 224	114	36	1 624	8	
SOURCE OF WATER											
Public system or private company	5 239	436	86	7 338	58	16 560	678	253	3 675	73	
Individual drilled well	3 762	206	142	5 194	74	11 987	57	108	4 094	60	
Individual dug well	122	5	18	531	4	441	4	9	74	1	
Some other source	131	9	—	354	5	39	—	—	106	8	
HEATING EQUIPMENT											
Steam or hot water system	1 369	90	17	3 120	9	2 359	83	29	1 638	5	
Central warm-air furnace	5 574	300	184	6 883	71	22 061	517	243	4 676	83	
Electric heat pump	86	2	—	62	—	278	—	7	27	2	
Other built-in electric units	450	33	—	620	4	1 277	50	31	196	—	
Floor, wall, or pipeless furnace	301	3	3	347	8	633	7	21	160	11	
Room heaters with flue	579	74	33	1 290	13	1 233	33	37	378	20	
Room heaters without flue	175	43	7	214	4	257	6	—	69	2	
Fireplaces, stoves, or portable room heaters	710	82	2	876	32	913	—	2	795	19	
None	10	—	—	5	—	16	—	—	10	—	
SELECTED CHARACTERISTICS											
No telephone	628	132	13	605	8	790	20	33	427	26	
No complete kitchen facilities	212	34	3	237	—	256	11	—	108	9	
Lacking air conditioning	9 006	630	197	12 914	141	19 195	284	258	7 616	142	
Lacking public sewer	4 535	285	121	6 351	99	11 902	59	107	4 319	67	
No vehicle available	920	171	31	1 166	10	1 078	33	19	636	25	
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	7 143	390	197	10 432	113	21 638	313	189	5 990	81	
1979 to March 1980	750	67	35	1 026	11	2 798	57	40	717	6	
1975 to 1978	1 905	97	56	2 701	37	6 433	137	87	1 549	22	
1970 to 1974	1 214	66	64	1 854	22	4 242	84	37	1 328	14	
1960 to 1969	1 369	95	24	1 851	14	4 415	27	19	1 073	13	
1950 to 1959	909	22	18	1 429	6	1 964	8	4	679	12	
1949 or earlier	996	43	—	1 571	23	1 786	—	2	644	14	
Renter-occupied housing units	2 111	266	49	2 985	28	7 389	426	181	1 959	61	
1979 to March 1980	1 122	145	20	1 307	21	4 317	224	91	1 148	30	
1975 to 1978	556	74	22	1 055	2	2 267	163	72	544	22	
1970 to 1974	186	16	—	354	2	391	35	7	141	—	
1960 to 1969	166	27	7	140	3	214	4	5	66	4	
1959 or earlier	81	4	—	129	—	200	—	6	60	5	
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	2 297	105	36	3 299	35	4 425	36	21	1 770	34	
Owner-occupied housing units	1 940	70	21	2 471	33	3 460	20	1	1 421	29	
Lacking complete plumbing for exclusive use	99	11	—	138	—	89	3	—	46	10	
No complete kitchen facilities	61	11	3	69	—	60	—	—	26	5	
No vehicle available	436	36	18	737	2	752	5	15	407	16	
No telephone	130	9	—	111	—	93	—	—	43	5	
Lacking central heating system	415	36	7	557	4	466	—	—	279	21	
Lacking air conditioning	2 271	105	21	3 186	35	3 004	20	12	1 674	34	

¹Persons of Spanish origin may be of any race.

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

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

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	Genesee				Gratiot		Ingham				
	Race				Spanish origin ¹	Spanish origin ¹	Race				
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander			White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	128 039	24 070	986	625	1 918	230	85 858	6 623	541	894	2 410
YEAR STRUCTURE BUILT											
1979 to March 1980	3 221	198	12	63	30	7	2 142	116	17	47	47
1975 to 1978	9 329	500	47	91	139	14	6 494	401	19	63	131
1970 to 1974	18 173	1 577	84	73	154	42	11 275	1 016	61	131	299
1960 to 1969	28 184	6 318	201	240	298	13	18 575	1 639	56	325	439
1950 to 1959	26 413	6 404	208	84	458	38	16 476	1 143	100	173	399
1940 to 1949	15 333	3 640	152	24	311	18	9 554	798	97	71	319
1939 or earlier	27 386	5 433	282	50	528	98	21 342	1 510	191	84	776
BEDROOMS											
None	881	228	13	20	33	—	1 258	147	14	38	60
1	11 920	2 901	102	118	342	11	13 476	1 266	110	226	382
2	41 455	7 347	380	125	570	83	28 178	2 215	212	245	848
3	56 435	10 609	383	208	763	87	30 146	2 014	165	181	765
4	14 865	2 434	108	148	161	30	10 435	801	40	145	261
5 or more	2 483	551	—	6	49	19	2 365	180	—	59	94
UNITS IN STRUCTURE											
1, detached	99 086	17 187	708	369	1 308	153	54 561	3 222	283	381	1 288
1, attached	1 999	978	32	40	34	3	2 962	563	24	61	102
2	3 964	1 585	40	21	133	13	4 598	485	62	45	264
3 and 4	3 464	1 119	61	34	111	12	2 780	425	46	27	198
5 to 9	3 173	984	5	22	55	14	3 702	395	29	68	171
10 to 49	6 700	1 699	60	86	155	17	12 002	1 139	60	276	294
50 or more	2 353	498	15	39	30	—	2 507	377	21	36	34
Mobile home or trailer, etc.	7 300	20	65	14	92	18	2 746	17	16	—	59
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	27 267	9 410	365	236	727	83	32 754	3 979	349	541	1 316
1, mobile home or trailer, etc.	10 301	4 289	200	40	323	32	8 967	1 311	145	110	404
Median gross rent	\$277	\$292	\$293	\$345	\$291	\$217	\$294	\$299	\$283	\$253	\$306
2 or more	16 966	5 121	165	196	404	51	23 787	2 668	204	431	912
Median gross rent	\$249	\$228	\$230	\$259	\$226	\$244	\$246	\$230	\$200	\$199	\$210
BATHROOMS											
No bathroom or only a half bath	1 478	398	20	17	31	—	1 248	146	6	15	67
1 complete bathroom	80 797	16 658	767	278	1 429	173	53 912	4 429	417	473	1 634
1 complete bathroom plus half bath(s)	28 750	5 090	124	143	333	24	17 341	1 350	75	178	454
2 or more complete bathrooms	17 014	1 924	75	187	125	33	13 357	698	43	228	255
SOURCE OF WATER											
Public system or private company	73 963	23 454	685	477	1 575	149	72 786	6 577	484	842	2 296
Individual drilled well	51 865	568	290	135	319	78	12 425	41	57	41	114
Individual dug well	2 059	36	11	13	24	3	580	5	—	11	—
Some other source	152	12	—	—	—	—	67	—	—	—	—
HEATING EQUIPMENT											
Steam or hot water system	12 553	2 518	86	96	122	10	11 529	880	48	254	295
Central warm-air furnace	102 815	17 713	709	484	1 602	127	62 958	4 496	426	509	1 725
Electric heat pump	616	369	4	7	15	13	1 116	157	13	27	61
Other built-in electric units	2 195	867	20	7	45	18	4 041	355	22	42	89
Floor, wall, or pipeless furnace	3 297	700	65	3	53	16	1 946	160	7	29	77
Room heaters with flue	4 625	1 614	77	21	61	43	2 813	495	25	33	114
Room heaters without flue	821	229	16	7	5	3	582	52	—	—	40
Fireplaces, stoves, or portable room heaters	1 072	42	9	—	15	—	866	17	—	—	9
None	45	18	—	—	—	—	7	11	—	—	—
SELECTED CHARACTERISTICS											
No telephone	4 292	1 871	131	7	165	31	2 562	583	47	16	247
No complete kitchen facilities	1 054	428	—	8	25	2	713	139	8	—	20
Lacking air conditioning	84 963	17 943	733	262	1 439	190	50 236	4 366	417	533	1 779
Lacking public sewer	23 289	514	99	19	151	79	11 248	57	40	29	104
No vehicle available	7 881	5 064	167	62	282	26	6 561	1 409	65	120	312
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	99 899	14 140	597	389	1 184	139	52 135	2 534	178	341	1 092
1979 to March 1980	11 386	1 435	68	94	162	22	6 918	303	54	85	240
1975 to 1978	25 195	3 670	193	196	397	51	13 822	784	35	126	316
1970 to 1974	18 241	3 403	169	90	183	22	8 553	596	46	74	245
1960 to 1969	23 091	4 037	100	—	274	25	11 396	617	23	39	224
1950 to 1959	12 870	1 156	61	9	128	13	6 549	186	7	17	57
1949 or earlier	9 116	439	6	—	40	6	4 897	48	13	—	10
Renter-occupied housing units	28 140	9 930	389	236	734	91	33 723	4 089	363	553	1 318
1979 to March 1980	14 083	4 225	149	104	469	42	17 974	2 120	219	334	708
1975 to 1978	9 605	3 812	153	83	197	30	11 255	1 517	118	187	435
1970 to 1974	2 650	1 266	62	41	24	7	2 802	313	9	17	125
1960 to 1969	1 154	496	12	8	38	9	1 227	127	8	15	41
1959 or earlier	648	131	13	—	6	3	465	12	9	—	9
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	21 543	2 337	77	64	163	18	12 985	620	30	40	60
Owner-occupied housing units	17 705	1 636	59	23	118	11	9 748	420	13	14	17
Lacking complete plumbing for exclusive use	240	19	—	—	—	—	205	9	—	—	—
No complete kitchen facilities	1 178	29	—	8	7	—	84	9	—	—	—
No vehicle available	4 380	869	37	26	74	10	3 094	167	11	16	22
No telephone	373	72	—	—	6	—	236	26	—	—	—
Lacking central heating system	1 223	212	13	2	5	2	795	82	4	—	—
Lacking air conditioning	14 048	1 786	47	32	125	16	7 854	465	23	31	48

¹Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Ionia			Iosco		Isabella			
	Race		Spanish origin ¹	Race		Race			Spanish origin ¹
	White	Black		White	Black	White	Black	American Indian, Eskimo, and Aleut	
Occupied housing units	16 070	13	156	9 876	170	15 615	124	133	223
YEAR STRUCTURE BUILT									
1979 to March 1980	334	1	3	289	2	513	4	—	7
1975 to 1978	1 373	—	17	940	14	1 787	7	9	14
1970 to 1974	1 949	—	26	1 335	7	2 672	25	34	17
1960 to 1969	2 184	2	7	2 404	97	3 263	43	31	72
1950 to 1959	1 439	3	5	2 046	23	1 846	21	13	30
1940 to 1949	1 097	—	26	1 206	25	1 185	8	14	35
1939 or earlier	7 694	7	72	1 656	2	4 349	16	32	48
BEDROOMS									
None	67	—	2	76	—	99	—	12	2
1	1 234	2	6	798	17	1 593	30	2	93
2	4 519	5	40	3 565	2	5 700	49	55	45
3	6 739	4	42	4 285	120	5 562	23	40	68
4	2 647	2	50	935	31	2 058	20	23	6
5 or more	864	—	16	217	—	603	2	1	9
UNITS IN STRUCTURE									
1, detached	12 606	13	125	7 599	56	10 473	52	85	126
1, attached	131	—	—	140	11	171	—	7	—
2	612	—	15	501	9	546	—	16	14
3 and 4	376	—	3	215	46	477	8	—	—
5 to 9	230	—	9	440	46	377	29	—	28
10 to 49	388	—	1	309	2	1 437	19	—	15
50 or more	133	—	—	4	—	422	14	—	26
Mobile home or trailer, etc.	1 594	—	3	668	—	1 712	2	25	14
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing units	2 969	...	38	2 656	127	4 710	80	49	117
1, mobile home or trailer, etc.	1 493	...	21	1 367	24	1 666	10	35	46
Median gross rent	\$249	...	\$306	\$211	\$200	\$247	\$236	\$217	\$245
2 or more	1 476	...	17	1 289	103	3 044	70	14	71
Median gross rent	\$183	...	\$138	\$187	\$217	\$217	\$174	\$150	\$127
BATHROOMS									
No bathroom or only a half bath	336	—	5	156	3	342	10	8	5
1 complete bathroom	11 281	10	104	6 367	48	10 781	77	114	183
1 complete bathroom plus half bath(s)	2 477	3	18	1 927	84	2 296	14	4	25
2 or more complete bathrooms	1 976	—	29	1 426	35	2 196	23	7	10
SOURCE OF WATER									
Public system or private company	7 673	—	112	4 359	151	7 082	89	54	150
Individual drilled well	8 061	13	43	5 239	17	8 139	30	77	68
Individual dug well	309	—	1	212	2	371	3	2	5
Some other source	27	—	—	66	—	23	2	—	—
HEATING EQUIPMENT									
Steam or hot water system	1 359	—	10	1 129	6	2 091	13	6	14
Central warm-air furnace	11 317	5	91	5 960	138	9 652	71	90	103
Electric heat pump	79	—	1	54	—	170	10	—	11
Other built-in electric units	449	—	18	294	12	713	25	4	15
Floor, wall, or pipeless furnace	559	5	8	730	—	851	—	2	6
Room heaters with flue	1 100	3	17	683	14	1 043	5	25	59
Room heaters without flue	163	—	3	97	—	240	—	4	14
Fireplaces, stoves, or portable room heaters	1 040	—	8	917	—	840	—	2	1
None	4	—	—	12	—	15	—	—	—
SELECTED CHARACTERISTICS									
No telephone	811	—	10	614	23	652	8	28	36
No complete kitchen facilities	194	—	—	88	—	211	—	10	—
Lacking air conditioning	12 594	8	130	9 429	149	12 011	89	129	186
Lacking public sewer	8 659	8	40	5 896	45	8 431	35	89	80
No vehicle available	1 020	3	14	497	9	835	37	17	52
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	12 650	8	114	7 044	36	10 557	44	78	106
1979 to March 1980	1 485	...	6	934	4	1 256	—	11	10
1975 to 1978	3 008	...	35	1 926	25	3 189	9	15	35
1970 to 1974	2 313	...	23	1 696	7	1 924	15	9	15
1960 to 1969	2 562	...	41	1 412	—	2 009	16	7	30
1950 to 1959	1 478	...	9	562	—	975	2	19	16
1949 or earlier	1 804	...	—	514	—	1 204	2	17	—
Renter-occupied housing units	3 420	5	42	2 832	134	5 058	80	55	117
1979 to March 1980	1 595	...	26	1 479	104	3 400	40	24	93
1975 to 1978	1 187	...	16	1 085	25	1 135	33	31	21
1970 to 1974	317	...	—	149	2	301	7	—	3
1960 to 1969	156	...	—	69	3	132	—	—	—
1959 or earlier	165	...	—	50	—	90	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	3 437	4	3	2 495	—	2 536	14	26	43
Owner-occupied housing units	2 784	1	2	2 135	—	2 072	13	19	29
Lacking complete plumbing for exclusive use	62	—	—	58	—	72	2	4	5
No complete kitchen facilities	34	—	—	36	—	36	—	6	—
No vehicle available	630	3	3	302	—	489	4	6	14
No telephone	72	—	—	92	—	88	—	9	17
Lacking central heating system	436	3	—	376	—	477	2	6	28
Lacking air conditioning	2 507	4	3	2 362	—	2 012	14	26	43

¹Persons of Spanish origin may be of any race.

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Jackson					Kalamazoo				
	Race				Spanish origin ¹	Race				Spanish origin ¹
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	
Occupied housing units	48 066	2 377	188	188	392	69 617	4 935	244	347	730
YEAR STRUCTURE BUILT										
1979 to March 1980	836	16	—	26	12	1 820	69	—	—	21
1975 to 1978	3 657	87	—	35	18	6 473	332	7	29	41
1970 to 1974	5 475	197	38	31	33	8 548	552	41	90	74
1960 to 1969	7 446	344	38	58	42	14 307	866	26	133	175
1950 to 1959	7 305	182	16	21	75	12 945	678	40	23	147
1940 to 1949	5 350	336	18	5	59	7 447	618	42	28	92
1939 or earlier	17 997	1 215	78	12	153	18 077	1 820	88	44	180
BEDROOMS										
None	434	52	—	—	13	839	103	12	14	13
1	5 191	299	22	14	48	9 441	936	33	105	159
2	14 891	754	69	52	160	21 708	1 596	44	81	247
3	20 029	869	66	49	116	26 711	1 524	83	88	220
4	6 144	310	31	73	42	9 250	641	63	48	63
5 or more	1 377	93	—	—	13	1 668	135	9	11	28
UNITS IN STRUCTURE										
1, detached	37 355	1 550	139	156	256	48 143	2 519	134	133	384
1, attached	556	108	—	11	26	1 357	201	—	38	22
2	2 365	296	7	7	46	3 482	560	42	19	103
3 and 4	1 660	176	17	—	19	2 927	461	17	19	21
5 to 9	751	63	8	—	11	2 719	289	6	2	42
10 to 49	1 850	123	—	14	—	7 377	708	23	101	103
50 or more	871	46	5	—	9	1 294	169	—	28	24
Mobile home or trailer, etc.	2 658	15	12	—	25	2 318	28	22	7	31
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	10 651	1 025	50	33	138	21 690	2 893	106	184	385
1, mobile home or trailer, etc.	4 112	400	13	19	78	5 472	835	18	34	116
Median gross rent	\$269	\$277	\$246	\$467	\$313	\$282	\$277	\$275	\$288	\$302
2 or more	6 539	625	37	14	60	16 218	2 058	88	150	269
Median gross rent	\$217	\$201	\$199	\$294	\$221	\$232	\$226	\$188	\$223	\$225
BATHROOMS										
No bathroom or only a half bath	898	72	4	—	15	937	119	18	13	18
1 complete bathroom	32 876	1 832	161	41	283	43 150	3 561	170	207	541
1 complete bathroom plus half both(s)	7 543	332	23	42	38	13 526	846	22	68	106
2 or more complete bathrooms	6 749	141	—	105	56	12 004	409	34	59	65
SOURCE OF WATER										
Public system or private company	21 268	2 246	107	94	250	47 487	4 741	186	316	612
Individual drilled well	25 246	110	81	80	132	21 023	185	58	31	102
Individual dug well	1 418	21	—	14	10	1 084	9	—	—	14
Some other source	134	—	—	—	—	23	—	—	—	2
HEATING EQUIPMENT										
Steam or hot water system	4 773	180	19	12	23	8 524	529	19	69	52
Central warm-air furnace	36 919	1 705	153	156	296	53 741	3 378	201	226	554
Electric heat pump	387	27	2	12	5	507	100	—	6	7
Other built-in electric units	1 356	138	—	8	12	1 659	190	—	28	13
Floor, wall, or pipeless furnace	1 022	132	9	—	13	1 157	182	—	—	11
Room heaters with flue	2 112	153	4	—	41	2 357	435	19	18	73
Room heaters without flue	369	12	—	—	—	515	57	—	—	6
Fireplaces, stoves, or portable room heaters	1 119	14	1	—	2	1 122	55	5	—	14
None	9	16	—	—	—	35	9	—	—	—
SELECTED CHARACTERISTICS										
No telephone	1 974	314	40	—	55	1 865	644	23	13	81
No complete kitchen facilities	375	50	4	—	6	684	45	—	—	16
Lacking air conditioning	34 949	1 830	154	100	305	41 692	3 416	190	178	487
Lacking public sewer	20 309	118	57	69	106	34 502	527	88	94	192
No vehicle available	3 456	506	16	12	38	4 730	1 240	45	31	137
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	36 739	1 285	116	148	232	47 206	1 933	137	144	339
1979 to March 1980	4 125	103	18	37	43	5 920	177	21	26	113
1975 to 1978	9 036	269	22	67	92	12 803	525	28	66	66
1970 to 1974	6 491	293	47	24	38	7 971	482	36	39	78
1960 to 1969	7 949	368	23	13	32	9 866	449	24	6	49
1950 to 1959	4 770	117	2	—	20	6 355	191	23	7	14
1949 or earlier	4 368	135	4	7	7	4 291	109	5	—	19
Renter-occupied housing units	11 327	1 092	72	40	160	22 411	3 002	107	203	391
1979 to March 1980	5 398	531	29	20	93	12 872	1 557	81	132	233
1975 to 1978	3 849	321	31	20	48	6 684	1 102	18	71	132
1970 to 1974	1 142	174	6	—	12	1 609	235	3	—	26
1960 to 1969	594	56	6	—	7	816	73	5	—	—
1959 or earlier	344	10	—	—	—	430	35	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	9 570	330	2	7	40	11 726	454	24	20	60
Owner-occupied housing units	7 507	238	2	7	35	8 819	295	24	13	44
Lacking complete plumbing for exclusive use	154	6	—	—	—	138	—	—	—	—
No complete kitchen facilities	96	12	—	—	—	99	—	—	—	—
No vehicle available	2 017	92	—	7	4	2 504	153	—	14	27
No telephone	166	22	—	—	—	163	16	—	7	—
Lacking central heating system	747	20	—	—	—	744	77	10	—	12
Lacking air conditioning	6 625	276	2	—	31	6 912	379	14	7	48

¹Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]

	Kent					Lake			Lapeer	Lenawee		
	Race					Race			Spanish origin ¹	Race		
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹	White	Black	Spanish origin ¹		White	Black	Spanish origin ¹
Occupied housing units	143 400	9 761	560	691	2 247	2 444	583	282	29 254	210	1 116	
YEAR STRUCTURE BUILT												
1979 to March 1980	4 413	136	6	25	30	56	2	22	430	—	19	
1975 to 1978	13 329	396	41	101	76	262	23	26	1 810	12	65	
1970 to 1974	17 469	553	65	100	233	379	57	62	3 349	8	90	
1960 to 1969	26 082	872	51	80	267	521	112	41	3 756	26	149	
1950 to 1959	25 481	1 000	81	70	318	318	169	29	4 393	35	232	
1940 to 1949	15 614	1 812	75	95	421	195	120	25	2 984	22	126	
1939 or earlier	41 012	4 992	241	220	902	713	100	77	12 532	107	435	
BEDROOMS												
None	1 269	79	24	23	70	25	2	2	242	—	15	
1	15 629	1 774	42	116	299	293	68	51	2 330	32	117	
2	43 745	2 685	220	199	718	1 143	300	66	7 949	94	306	
3	58 632	3 735	184	205	735	645	154	128	13 025	57	456	
4	20 529	1 185	78	129	325	259	38	27	4 670	27	172	
5 or more	3 596	303	12	19	100	79	21	8	1 038	—	50	
UNITS IN STRUCTURE												
1, detached	102 490	5 111	285	416	1 338	1 978	486	173	23 484	137	801	
1, attached	2 552	297	10	41	37	5	7	9	245	5	36	
2	10 360	2 079	95	66	393	20	8	18	1 632	22	79	
3 and 4	5 179	956	56	25	186	37	13	28	931	12	50	
5 to 9	4 291	401	35	40	111	5	3	12	688	22	75	
10 to 49	9 828	625	44	68	128	5	1	6	457	12	14	
50 or more	2 806	272	11	22	32	—	—	5	343	—	17	
Mobile home or trailer, etc.	5 894	20	24	13	22	394	65	31	1 474	—	44	
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	36 577	4 939	307	306	985	264	100	103	5 565	83	332	
1, mobile home or trailer, etc.	8 435	1 104	70	110	231	236	87	44	2 315	23	149	
Median gross rent	\$261	\$265	\$235	\$317	\$244	\$212	\$216	\$265	\$274	\$288	\$281	
2 or more	28 142	3 835	237	196	754	28	13	59	3 250	60	183	
Median gross rent	\$221	\$199	\$197	\$215	\$200	\$100—	\$238	\$227	\$231	\$259	\$224	
BATHROOMS												
No bathroom or only a half bath	1 607	287	11	30	80	151	39	7	690	19	29	
1 complete bathroom	83 117	6 023	389	335	1 549	1 861	464	205	20 067	159	874	
2 complete bathroom plus half bath(s)	35 942	2 558	96	227	435	233	42	51	4 515	12	110	
3 or more complete bathrooms	22 734	893	64	99	183	199	38	19	3 982	20	103	
SOURCE OF WATER												
Public system or private company	111 223	9 620	455	621	2 105	214	47	143	14 454	202	775	
Individual drilled well	30 849	141	91	70	133	2 097	460	134	13 118	8	248	
Individual dug well	1 233	—	14	—	9	123	74	5	1 552	—	86	
Some other source	95	—	—	—	—	10	2	—	130	—	7	
HEATING EQUIPMENT												
Steam or hot water system	16 443	1 357	51	95	252	103	11	56	3 237	13	52	
Central warm-air furnace	114 854	6 816	375	490	1 640	1 020	218	162	21 568	139	840	
Electric heat pump	490	111	—	8	37	9	3	2	191	—	3	
Other built-in electric units	1 734	174	6	19	56	56	15	6	695	12	2	
Floor, wall, or pipeless furnace	2 249	381	39	6	44	182	63	8	868	—	58	
Room heaters with flue	4 768	736	64	61	181	349	175	30	1 774	40	124	
Room heaters without flue	923	157	17	5	22	84	31	6	290	6	28	
Fireplaces, stoves, or portable room heaters	1 911	29	8	7	11	636	67	12	626	—	9	
None	28	—	—	—	4	5	—	—	5	—	—	
SELECTED CHARACTERISTICS												
No telephone	3 657	1 267	101	19	263	246	52	30	1 171	22	117	
No complete kitchen facilities	1 084	211	11	13	29	69	25	3	433	—	29	
Lacking air conditioning	94 796	7 812	413	443	1 762	2 268	556	234	20 521	142	890	
Lacking public sewer	32 093	201	127	72	173	2 395	567	150	14 426	6	330	
No vehicle available	9 876	2 751	129	52	372	144	178	22	1 668	16	100	
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	105 688	4 736	243	385	1 252	2 095	470	176	22 859	117	770	
1979 to March 1980	12 727	540	32	101	282	266	17	36	2 473	—	89	
1975 to 1978	27 919	1 048	90	155	451	585	69	53	6 059	8	235	
1970 to 1974	17 338	1 186	39	48	255	533	128	42	4 208	44	186	
1960 to 1969	23 272	1 286	58	30	186	360	97	28	4 488	43	146	
1950 to 1959	14 517	469	24	32	60	159	82	17	2 790	5	61	
1949 or earlier	9 915	207	—	19	18	192	77	—	2 841	17	53	
Renter-occupied housing units	37 712	5 025	317	306	995	349	113	106	6 395	93	346	
1979 to March 1980	19 283	2 543	195	200	642	143	31	70	2 800	44	157	
1975 to 1978	12 217	1 683	111	101	245	115	40	25	2 242	36	153	
1970 to 1974	3 490	497	5	5	65	47	25	10	717	—	9	
1960 to 1969	1 540	191	6	—	20	27	16	1	349	13	27	
1959 or earlier	1 182	111	—	—	23	17	1	—	287	—	—	
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	27 453	1 109	30	50	152	838	349	27	5 924	17	100	
Owner-occupied housing units	21 178	708	9	37	96	764	305	22	4 939	16	78	
Lacking complete plumbing for exclusive use	317	21	5	5	13	30	17	3	157	—	2	
No complete kitchen facilities	242	29	5	—	7	29	12	3	77	—	2	
No vehicle available	6 133	476	16	8	51	81	116	3	1 135	1	26	
No telephone	540	81	7	—	2	40	9	5	156	1	11	
Lacking central heating system	1 615	109	5	12	18	331	162	5	686	6	13	
Lacking air conditioning	18 577	976	28	31	123	767	333	24	4 151	6	93	

¹Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Livingston				Mockinac		Mocomb				
	Race			Spanish origin ¹	Race		Race				Spanish origin ¹
	White	Black	American Indian, Eskimo, and Aleut		White	American Indian, Eskimo, and Aleut	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	
Occupied housing units	31 096	18	138	158	3 431	249	224 629	2 772	611	1 473	1 633
YEAR STRUCTURE BUILT											
1979 to March 1980	1 551	—	7	—	81	12	6 647	20	25	187	40
1975 to 1978	5 325	—	18	43	353	16	21 527	244	12	266	122
1970 to 1974	7 068	—	26	53	391	44	32 413	696	100	313	223
1960 to 1969	5 251	—	21	19	519	31	67 993	770	108	426	541
1950 to 1959	3 375	—	47	6	541	29	58 051	318	155	173	332
1940 to 1949	2 234	—	10	5	435	17	19 172	317	89	64	199
1939 or earlier	6 292	18	9	32	1 111	100	18 826	407	122	44	176
BEDROOMS											
None	156	—	—	—	36	—	958	22	13	—	10
1	1 774	—	4	20	371	29	21 168	478	100	285	154
2	7 597	12	37	72	1 134	83	52 979	849	192	275	449
3	14 416	—	57	37	1 395	89	119 933	1 052	244	623	767
4	5 940	6	18	13	387	43	26 206	313	57	256	214
5 or more	1 213	—	22	16	108	5	3 385	58	5	34	39
UNITS IN STRUCTURE											
1, detached	25 907	18	113	96	2 764	190	170 819	1 506	416	1 008	1 125
1, attached	306	—	—	11	16	—	8 744	286	5	93	105
2	1 106	—	5	15	104	13	3 331	159	11	22	29
3 and 4	357	—	—	6	133	12	5 084	143	40	34	37
5 to 9	550	—	8	—	81	2	13 495	278	41	150	116
10 to 49	1 099	—	7	11	18	—	11 731	315	42	128	141
50 or more	82	—	—	—	49	2	4 335	73	21	22	45
Mobile home or trailer, etc.	1 689	—	5	19	266	30	7 090	12	35	16	35
UNITS IN STRUCTURE BY GROSS RENT											
Specified renter-occupied housing units	4 567	—	29	41	586	60	43 816	1 260	215	393	449
1, mobile home or trailer, etc.	1 930	—	9	11	370	33	12 687	384	60	93	153
Medion gross rent	\$316	—	\$282	\$325	\$214	\$217	\$300	\$255	\$336	\$321	\$323
2 or more	2 637	—	20	30	216	27	31 129	876	155	300	296
Medion gross rent	\$281	—	\$283	\$300	\$176	\$192	\$285	\$263	\$270	\$285	\$286
BATHROOMS											
No bathroom or only a half bath	449	—	—	—	138	17	1 476	63	6	16	23
1 complete bathroom	15 571	12	92	106	2 502	177	113 446	1 866	420	570	910
1 complete bathroom plus half bath(s)	6 284	6	23	18	408	31	75 373	640	124	614	448
2 or more complete bathrooms	8 792	—	23	34	383	24	34 334	203	61	273	252
SOURCE OF WATER											
Public system or private company	6 788	—	56	53	1 300	127	209 210	2 715	594	1 459	1 522
Individual drilled well	23 406	18	80	103	1 941	117	13 110	22	17	14	103
Individual dug well	802	—	2	2	92	—	2 234	24	—	—	—
Some other source	100	—	—	—	98	5	75	11	—	—	8
HEATING EQUIPMENT											
Steam or hot water system	3 719	—	5	21	434	20	20 479	208	66	84	209
Central warm-air furnace	21 626	18	105	87	1 183	86	188 117	1 862	455	1 322	1 240
Electric heat pump	306	—	—	8	60	6	1 005	76	7	18	19
Other built-in electric units	1 937	—	21	23	335	34	5 471	232	29	24	28
Floor, wall, or pipeless furnace	860	—	2	—	181	8	3 265	96	21	—	33
Room heaters with flue	1 380	—	—	13	411	43	4 762	202	29	5	71
Room heaters without flue	295	—	—	—	84	1	780	69	—	20	13
Fireplaces, stoves, or portable room heaters	971	—	5	6	743	51	725	13	4	—	14
None	2	—	—	—	—	—	25	14	—	—	6
SELECTED CHARACTERISTICS											
No telephone	996	2	22	—	297	38	3 299	181	49	25	56
No complete kitchen facilities	254	—	—	—	111	10	1 390	49	—	22	6
Lacking air conditioning	22 936	18	100	88	3 398	249	111 865	1 911	373	591	861
Lacking public sewer	24 318	18	95	92	2 354	172	24 208	116	35	52	155
No vehicle available	872	18	7	—	346	69	9 777	450	49	34	85
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	25 997	18	106	116	2 759	182	179 449	1 414	382	1 067	1 168
1979 to March 1980	3 479	—	8	22	237	36	19 269	68	55	303	197
1975 to 1978	9 799	—	46	49	719	30	48 881	303	132	465	355
1970 to 1974	5 836	—	44	32	534	42	32 815	398	97	136	157
1960 to 1969	4 038	—	8	13	561	39	45 116	453	73	121	356
1950 to 1959	1 607	—	—	—	340	16	25 297	135	20	20	52
1949 or earlier	1 238	18	—	—	368	19	8 071	57	5	22	51
Renter-occupied housing units	5 099	—	32	42	672	67	45 180	1 358	229	406	465
1979 to March 1980	2 496	—	22	16	318	41	19 213	475	97	215	259
1975 to 1978	1 756	—	7	19	204	23	17 377	630	86	154	152
1970 to 1974	445	—	3	7	55	—	5 244	166	28	37	23
1960 to 1969	245	—	—	—	40	—	2 397	60	12	—	21
1959 or earlier	157	—	—	—	55	3	949	27	6	—	10
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	4 203	18	—	38	1 000	34	32 953	347	10	68	143
Owner-occupied housing units	3 520	18	—	27	886	34	25 310	213	5	55	119
Lacking complete plumbing for exclusive use	42	—	—	—	50	2	244	7	—	—	—
No complete kitchen facilities	40	—	—	—	29	2	257	3	—	—	—
No vehicle available	599	18	—	—	204	18	6 774	113	5	12	29
No telephone	78	2	—	—	58	—	477	15	—	—	—
Lacking central heating system	436	—	—	6	352	23	1 381	83	—	7	7
Lacking air conditioning	2 912	18	—	23	993	34	16 497	277	10	17	63

¹Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Marquette			Mecosta			Midland			Monroe			
	Race			Race			Race			Race			
	White	Black	American Indian, Eskimo, and Aleut	White	Black	Spanish origin ¹	White	Black	Asian and Pacific Islander	Spanish origin ¹	White	Black	Spanish origin ¹
			Spanish origin ¹											White	Black	Spanish origin^{1}
Occupied housing units	24 004	223	170	118	10 881	152	23 957	181	183	233	42 094	721	367
YEAR STRUCTURE BUILT													
1979 to March 1980	663	—	—	9	366	23	628	5	11	5	1 128	—	15
1975 to 1978	3 106	14	24	12	1 076	20	3 056	22	23	34	3 735	117	43
1970 to 1974	3 072	39	21	13	1 946	26	3 244	38	53	20	6 012	103	61
1960 to 1969	3 349	89	14	26	2 299	16	5 807	69	79	64	7 215	108	73
1950 to 1959	3 245	37	26	36	1 134	14	4 742	34	5	54	7 458	94	53
1940 to 1949	1 711	31	13	4	817	10	2 720	—	—	33	5 011	144	47
1939 or earlier	8 858	13	72	18	3 243	43	3 760	13	12	23	12 535	155	75
BEDROOMS													
None	275	14	—	—	81	7	105	—	—	—	215	14	3
1	3 435	28	35	5	1 244	26	1 986	35	39	38	3 517	78	68
2	7 414	68	43	54	4 134	52	6 403	71	19	39	11 875	224	62
3	9 820	91	88	54	3 480	56	10 787	65	47	107	19 635	280	183
4	2 606	9	4	5	1 521	2	3 815	10	72	34	5 639	105	46
5 or more	454	13	—	—	421	9	861	—	6	15	1 213	20	5
UNITS IN STRUCTURE													
1, detached	14 751	23	74	22	7 512	62	18 984	83	127	176	33 276	535	283
1, attached	1 285	92	8	55	102	8	275	—	5	—	396	18	2
2	2 396	7	7	19	396	5	511	—	8	11	1 853	21	2
3 and 4	1 181	13	53	—	503	24	347	15	—	10	887	39	18
5 to 9	846	23	—	4	295	9	538	20	16	5	836	13	20
10 to 49	1 183	42	7	—	485	31	977	61	27	19	1 404	64	17
50 or more	688	—	13	5	116	—	455	—	—	—	803	31	18
Mobile home or trailer, etc.	1 674	23	8	13	1 472	13	1 848	2	—	12	2 639	—	7
UNITS IN STRUCTURE BY GROSS RENT													
Specified renter-occupied housing units	8 211	182	97	83	2 746	87	4 689	100	67	94	7 993	251	119
1, mobile home or trailer, etc.	2 919	97	17	61	1 110	23	2 094	13	20	49	3 076	95	53
Median gross rent	\$268	\$210	\$194	\$200	\$242	\$225	\$289	\$341	\$320	\$417	\$286	\$249	\$238
2 or more	5 292	85	80	22	1 636	64	2 595	87	47	45	4 917	156	66
Median gross rent	\$217	\$208	\$222	\$280	\$184	\$204	\$241	\$258	\$322	\$244	\$238	\$220	\$175
BATHROOMS													
No bathroom or only a half bath	762	—	4	—	338	—	370	3	—	—	915	42	21
1 complete bathroom	15 833	146	159	65	7 884	120	13 783	131	73	152	26 743	471	273
1 complete bathroom plus half bath(s)	4 541	64	7	37	1 288	19	4 457	13	32	38	8 385	115	39
2 or more complete bathrooms	2 868	13	—	16	1 371	13	5 347	34	78	43	6 051	93	34
SOURCE OF WATER													
Public system or private company	17 638	218	135	110	3 162	81	14 072	165	175	189	25 729	406	181
Individual drilled well	5 379	5	27	8	7 399	61	8 650	16	5	40	14 157	216	137
Individual dug well	796	—	5	—	284	10	1 114	—	3	4	1 557	92	41
Some other source	191	—	3	—	36	—	121	—	—	—	651	7	8
HEATING EQUIPMENT													
Steam or hot water system	6 552	34	44	16	1 233	11	2 457	28	15	18	5 073	68	47
Central warm-air furnace	11 532	148	73	93	6 094	97	17 139	125	149	187	29 945	380	187
Electric heat pump	303	—	2	—	59	—	132	13	4	—	381	—	3
Other built-in electric units	1 876	23	10	7	553	—	578	5	2	5	1 670	62	45
Floor, wall, or pipeless furnace	355	8	7	—	672	11	1 072	2	—	1	1 280	58	17
Room heaters with flue	1 726	10	31	—	1 040	11	1 146	5	13	10	2 442	133	43
Room heaters without flue	497	—	—	—	182	9	248	—	—	7	437	15	7
Fireplaces, stoves, or portable room heaters	1 163	—	3	2	1 046	13	1 166	3	—	5	853	5	18
None	—	—	—	—	2	—	19	—	—	—	13	—	—
SELECTED CHARACTERISTICS													
No telephone	832	40	41	—	526	13	734	12	8	5	1 593	66	60
No complete kitchen facilities	316	5	4	—	118	—	236	3	8	—	545	21	17
Lacking air conditioning	22 666	210	161	96	9 693	152	16 761	66	113	155	25 876	534	275
Lacking public sewer	7 547	15	38	14	7 415	71	10 929	18	—	50	17 861	324	227
No vehicle available	2 105	18	22	7	705	24	1 045	3	20	14	2 190	110	41
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	15 588	31	73	35	7 833	65	18 998	78	116	133	33 334	447	241
1979 to March 1980	4 438	20	7	12	1 092	7	2 312	6	24	12	3 495	14	36
1975 to 1978	4 503	11	26	13	2 330	20	5 922	57	40	72	8 641	122	55
1970 to 1974	2 515	—	12	10	1 478	17	3 414	5	22	17	6 128	63	67
1960 to 1969	2 797	—	21	—	1 402	7	3 913	6	25	19	6 912	112	55
1950 to 1959	1 975	—	—	—	659	5	1 923	2	5	5	4 287	88	25
1949 or earlier	2 360	—	7	—	872	9	1 514	2	—	8	3 871	48	3
Renter-occupied housing units	8 416	192	97	83	3 048	87	4 959	103	67	100	8 760	274	126
1979 to March 1980	4 876	138	74	64	1 880	69	2 563	58	62	51	3 467	39	70
1975 to 1978	2 556	46	18	14	819	16	1 808	32	5	38	3 444	176	30
1970 to 1974	582	—	5	5	181	—	328	10	—	5	953	35	19
1960 to 1969	169	8	—	—	97	2	129	—	—	—	519	12	7
1959 or earlier	233	—	—	—	71	—	131	3	—	6	377	12	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	4 302	—	8	—	2 283	11	3 494	9	5	20	6 850	153	48
Owner-occupied housing units	3 239	—	1	—	1 967	9	2 789	6	5	9	5 511	117	38
Lacking complete plumbing for exclusive use	174	—	—	—	85	—	101	3	—	—	257	12	3
No complete kitchen facilities	79	—	1	—	39	—	65	3	—	—	153	6	9
No vehicle available	1 149	—	7	—	370	—	650	3	5	8	1 348	34	10
No telephone	103	—	7	—	65	2	85	2	—	—	221	5	—
Lacking central heating system	665	—	1	—	590	6	518	3	5	2	628	56	9
Lacking air conditioning	4 032	—	8	—	2 084	11	2 255	7	5	20	4 400	130	40

¹Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	Muskegon			Newaygo			Oakland						
	Race			Race			Race						
	Spanish origin ¹	White	Black	American Indian, Eskimo, and Aleut	Spanish origin ¹	White	Black	Spanish origin ¹	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	137	48 122	5 651	285	755	11 785	211	147	334 587	14 761	1 075	3 516	3 702
YEAR STRUCTURE BUILT													
1979 to March 1980	4	1 253	22	—	10	303	3	2	10 421	237	23	315	98
1975 to 1978	20	3 202	95	16	25	1 181	14	16	34 751	885	87	737	301
1970 to 1974	4	5 123	418	3	55	1 772	27	34	50 642	2 037	160	776	528
1960 to 1969	25	7 948	722	35	75	2 175	57	31	76 340	4 128	143	836	795
1950 to 1959	16	9 577	970	74	189	1 523	44	25	80 756	3 594	285	545	821
1940 to 1949	16	8 033	1 263	68	169	1 111	36	8	38 635	1 954	150	156	618
1939 or earlier	52	12 986	2 161	89	232	3 720	30	31	43 042	1 926	227	151	541
BEDROOMS													
None	—	364	39	—	15	91	—	2	2 114	149	5	86	68
1	18	4 825	679	39	93	1 000	20	17	36 965	2 135	138	465	488
2	42	16 678	2 024	121	269	4 456	112	61	92 918	4 419	327	725	995
3	54	19 900	1 906	86	236	4 348	51	48	135 963	6 003	472	986	1 469
4	18	5 406	802	28	121	1 526	15	11	57 466	1 715	114	1 083	631
5 or more	5	949	201	11	21	364	13	8	9 161	340	19	171	51
UNITS IN STRUCTURE													
1, detached	94	38 878	4 122	241	550	9 313	167	93	242 457	8 787	767	2 307	2 583
1, attached	—	428	137	—	12	75	2	—	12 139	1 530	8	259	182
2	13	1 995	549	18	70	275	12	8	6 077	507	35	46	107
3 and 4	6	1 176	325	4	43	143	5	4	9 042	577	34	128	177
5 to 9	10	835	112	7	33	132	—	12	20 498	1 054	81	389	174
10 to 49	2	1 777	323	—	20	35	2	—	22 433	1 068	54	208	247
50 or more	—	1 100	82	9	11	—	—	—	11 421	1 198	21	172	117
Mobile home or trailer, etc.	12	1 933	1	6	16	1 812	23	30	10 520	40	75	7	115
UNITS IN STRUCTURE BY GROSS RENT													
Specified renter-occupied housing units	41	10 300	2 302	78	269	1 437	28	43	80 352	6 092	368	1 040	1 153
1, mobile home or trailer, etc.	10	4 227	1 115	55	103	1 009	18	23	20 590	2 053	169	228	431
Median gross rent	\$250	\$233	\$231	\$266	\$267	\$227	\$213	\$261	\$343	\$286	\$299	\$439	\$320
2 or more	31	6 073	1 187	23	166	428	10	20	59 762	4 039	199	812	722
Median gross rent	\$178	\$196	\$191	\$212	\$185	\$201	\$250	\$211	\$318	\$284	\$273	\$321	\$297
BATHROOMS													
No bathroom or only a half bath	12	631	87	—	22	377	13	6	2 156	231	35	60	43
1 complete bathroom	96	33 863	4 404	234	626	8 458	161	114	162 974	8 698	726	1 097	2 181
1 complete bathroom plus half bath(s)	18	7 755	735	45	66	1 541	24	12	74 648	3 110	156	735	697
2 or more complete bathrooms	11	5 873	425	6	41	1 409	13	15	94 809	2 722	158	1 624	781
SOURCE OF WATER													
Public system or private company	57	28 507	5 346	146	561	2 534	7	24	268 306	14 489	791	3 340	3 207
Individual drilled well	71	18 076	251	124	147	8 765	166	103	62 477	229	272	169	463
Individual dug well	9	1 503	49	15	47	423	38	20	3 326	17	12	7	24
Some other source	—	36	5	—	—	63	—	—	478	26	—	—	8
HEATING EQUIPMENT													
Steam or hot water system	2	4 543	521	—	53	921	11	2	39 340	1 424	135	287	327
Central warm-air furnace	79	35 105	3 790	196	503	6 820	97	76	272 090	11 293	755	2 996	2 976
Electric heat pump	2	149	44	—	—	37	—	2	1 890	233	7	18	37
Other built-in electric units	4	1 179	105	12	37	313	3	3	6 355	541	37	93	114
Floor, wall, or pipeless furnace	8	2 248	274	9	56	604	1	10	5 036	392	36	15	56
Room heaters with flue	28	3 138	693	55	68	1 246	55	34	7 053	687	64	73	152
Room heaters without flue	1	521	194	1	10	246	4	3	1 180	114	6	30	22
Fireplaces, stoves, or portable room heaters	11	1 228	30	12	28	1 592	40	17	1 548	34	35	4	9
None	2	11	—	—	—	6	—	—	95	43	—	—	9
SELECTED CHARACTERISTICS													
No telephone	33	2 001	775	55	80	820	35	22	5 338	797	74	40	172
No complete kitchen facilities	3	323	114	—	6	183	7	9	1 777	236	12	37	32
Lacking air conditioning	131	40 555	4 959	262	649	10 571	199	142	156 867	8 172	704	1 123	2 157
Lacking public sewer	80	22 385	402	162	261	9 218	204	110	68 940	487	273	229	547
No vehicle available	7	3 144	1 466	47	102	696	36	5	15 677	2 350	104	99	263
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	87	37 354	3 337	205	476	9 930	176	104	252 010	8 274	690	2 450	2 502
1979 to March 1980	18	3 909	193	13	56	1 122	15	10	30 422	1 047	82	697	384
1975 to 1978	27	8 308	648	63	123	2 736	25	30	74 960	2 813	311	1 149	749
1970 to 1974	9	6 399	784	46	97	2 074	62	29	48 022	1 573	107	347	625
1960 to 1969	21	8 289	965	48	134	1 952	41	16	53 792	1 680	117	131	532
1950 to 1959	8	5 798	562	9	59	1 048	23	16	30 748	732	73	89	163
1949 or earlier	4	4 651	185	26	7	998	10	3	14 066	429	—	37	49
Renter-occupied housing units	50	10 768	2 314	80	279	1 855	35	43	82 577	6 487	385	1 066	1 200
1979 to March 1980	28	4 959	864	23	112	869	12	24	35 335	2 588	201	548	705
1975 to 1978	18	3 711	881	49	115	583	12	7	30 408	2 612	167	373	376
1970 to 1974	—	1 246	362	4	26	156	3	10	10 557	835	11	101	70
1960 to 1969	2	493	179	4	16	138	2	2	4 950	325	—	35	45
1959 or earlier	2	359	28	—	10	109	6	—	1 327	127	6	9	4
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	8	10 409	959	62	86	2 930	118	20	56 577	1 503	36	220	307
Owner-occupied housing units	5	8 342	771	55	57	2 595	102	20	38 228	855	36	126	212
Lacking complete plumbing for exclusive use	—	114	11	—	—	122	8	—	368	17	—	—	—
No complete kitchen facilities	—	59	28	—	—	69	2	—	285	31	—	—	—
No vehicle available	—	1 943	279	21	24	494	17	2	11 107	691	14	61	66
No telephone	—	288	35	12	—	113	8	—	638	45	—	6	4
Lacking central heating system	—	1 061	167	22	29	809	55	15	1 868	117	7	14	4
Lacking air conditioning	6	8 578	850	46	56	2 586	115	19	23 731	1 113	16	88	191

¹Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Oceano	Ottawa					Saginaw					
	Spanish origin ¹	Race					Spanish origin ¹	Race				
		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	None		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	185	49 481	150	126	217	1 092	62 895	10 881	246	213	3 165	
YEAR STRUCTURE BUILT												
1979 to March 1980	13	2 135	5	6	—	7	1 542	74	2	—	39	
1975 to 1978	16	5 608	41	4	17	69	5 119	306	23	44	141	
1970 to 1974	25	7 324	11	10	51	74	8 680	1 059	21	46	300	
1960 to 1969	31	9 377	34	15	35	159	12 859	2 413	42	64	456	
1950 to 1959	21	7 882	9	13	30	167	10 355	2 258	29	5	570	
1940 to 1949	33	4 842	7	32	23	181	6 614	1 826	36	29	638	
1939 or earlier	46	12 313	43	46	61	435	17 726	2 945	93	25	1 021	
BEDROOMS												
None	—	303	6	—	—	20	521	126	—	—	34	
1	25	3 155	14	8	32	183	5 165	1 480	6	39	341	
2	63	13 291	54	85	47	278	18 704	3 323	81	45	1 056	
3	64	22 905	49	27	77	404	28 996	4 295	116	77	1 292	
4	24	8 312	12	—	54	178	8 064	1 312	31	39	355	
5 or more	9	1 515	15	6	7	29	1 445	345	12	13	87	
UNITS IN STRUCTURE												
1, detached	106	40 202	88	80	153	702	49 851	7 299	162	147	2 448	
1, attached	4	695	18	—	—	10	972	384	16	11	57	
2	15	2 997	11	32	32	204	2 733	1 357	34	21	242	
3 and 4	9	1 029	—	6	12	34	1 568	725	13	7	173	
5 to 9	7	929	—	4	15	49	1 743	599	12	11	112	
10 to 49	—	1 111	25	—	5	86	2 694	357	—	16	72	
50 or more	—	286	—	—	—	—	1 060	144	6	—	13	
Mobile home or trailer, etc.	44	2 232	8	4	—	7	2 274	16	3	—	48	
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	70	7 892	77	44	89	447	13 082	4 822	101	58	1 010	
1, mobile home or trailer, etc.	47	2 936	41	2	30	123	4 421	1 985	36	14	491	
Median gross rent	\$236	\$271	\$282	—	\$241	\$298	\$273	\$283	\$235	\$289	\$281	
2 or more	23	4 956	36	42	59	324	8 661	2 837	65	44	519	
Median gross rent	\$196	\$237	\$240	\$258	\$254	\$239	\$250	\$225	\$288	\$233	\$215	
BATHROOMS												
No bathroom or only a half bath	21	613	6	—	—	69	747	167	7	—	33	
1 complete bathroom	140	26 867	99	106	120	830	38 393	8 441	145	117	2 380	
1 complete bathroom plus half bath(s)	12	13 687	32	12	67	155	14 466	1 560	60	45	432	
2 or more complete bathrooms	12	8 314	13	8	30	38	9 289	713	34	51	320	
SOURCE OF WATER												
Public system or private company	67	26 288	97	70	172	871	49 146	10 707	190	202	2 855	
Individual drilled well	106	21 091	45	45	45	187	12 238	164	53	11	291	
Individual dug well	6	1 996	8	11	—	28	1 203	10	3	—	19	
Some other source	6	106	—	—	—	6	308	—	—	—	—	
HEATING EQUIPMENT												
Steam or hot water system	13	3 840	13	4	10	50	8 146	1 363	26	17	300	
Central warm-air furnace	78	40 965	104	81	173	847	45 625	6 567	143	176	2 161	
Electric heat pump	5	185	—	—	—	3	338	208	—	—	20	
Other built-in electric units	2	836	—	—	20	19	1 658	561	—	11	105	
Floor, wall, or pipeless furnace	11	518	9	8	7	27	1 752	600	14	5	141	
Room heaters with flue	40	1 623	13	31	5	104	3 428	1 075	45	4	342	
Room heaters without flue	5	332	—	—	—	10	646	381	16	—	61	
Fireplaces, stoves, or portable room heaters	28	1 180	5	2	2	17	1 281	118	2	—	35	
None	3	2	6	—	—	15	21	8	—	—	—	
SELECTED CHARACTERISTICS												
No telephone	40	1 124	27	16	—	191	1 613	880	37	6	282	
No complete kitchen facilities	6	315	13	—	—	15	572	159	—	—	54	
Lacking air conditioning	177	39 229	143	124	183	948	41 710	8 485	169	122	2 550	
Lacking public sewer	126	29 681	53	75	64	299	17 914	423	72	18	433	
No vehicle available	13	1 923	28	12	45	92	3 796	2 740	35	28	457	
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	102	40 964	73	74	122	611	49 074	5 857	137	149	2 102	
1979 to March 1980	17	5 291	4	11	26	108	4 692	430	9	17	219	
1975 to 1978	27	11 394	37	29	67	213	11 798	1 511	44	75	561	
1970 to 1974	33	7 828	15	21	7	111	8 961	1 514	34	16	596	
1960 to 1969	15	8 124	6	4	3	160	11 318	1 591	32	24	461	
1950 to 1959	5	4 703	2	9	19	14	6 428	580	18	11	213	
1949 or earlier	3	624	9	—	—	5	5 877	231	—	6	52	
Renter-occupied housing units	83	8 517	77	52	95	481	13 821	5 024	109	64	1 063	
1979 to March 1980	51	4 539	54	30	74	269	6 512	2 295	88	45	553	
1975 to 1978	17	2 536	10	18	21	160	4 574	1 864	15	13	325	
1970 to 1974	6	671	—	—	—	47	1 552	538	—	—	149	
1960 to 1969	7	391	13	—	—	5	671	201	6	6	31	
1959 or earlier	2	380	—	4	—	—	512	126	—	—	5	
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	19	8 398	24	14	7	38	12 343	1 158	10	29	188	
Owner-occupied housing units	14	7 245	17	4	7	23	9 880	861	10	29	149	
Lacking complete plumbing for exclusive use	5	119	—	—	—	—	165	22	—	—	2	
No complete kitchen facilities	2	51	—	—	—	—	153	15	—	—	4	
No vehicle available	2	1 269	2	10	7	15	2 459	438	6	6	60	
No telephone	3	114	2	—	—	8	299	28	—	6	16	
Lacking central heating system	10	518	2	14	—	4	1 257	298	4	—	55	
Lacking air conditioning	19	6 505	24	14	7	34	8 006	917	10	29	166	

¹Persons of Spanish origin may be of any race.

Table 96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	St. Clair				St. Joseph		Sanilac	Shiawassee	Tuscalo	Van Buren			
	Race			Spanish origin ¹	Race		Spanish origin ¹	Spanish origin ¹	Spanish origin ¹	Race			Spanish origin ¹
	White	Black	American Indian, Eskimo, and Aleut		White	Black				White	Black	American Indian, Eskimo, and Aleut	
Occupied housing units -----	45 946	968	166	449	19 202	479	174	155	230	21 084	1 686	158	293
YEAR STRUCTURE BUILT													
1979 to March 1980-----	1 186	15	—	5	540	1	4	2	13	509	17	3	6
1975 to 1978-----	3 780	31	13	18	1 551	12	15	9	7	2 145	130	8	31
1970 to 1974-----	5 899	126	18	64	2 518	80	35	6	32	3 041	221	23	49
1960 to 1969-----	6 345	195	16	42	2 642	64	17	23	34	3 195	298	28	44
1950 to 1959-----	6 873	120	12	46	2 636	56	11	10	26	2 419	260	29	29
1940 to 1949-----	6 379	92	29	63	1 701	89	26	19	27	1 908	254	22	30
1939 or earlier-----	15 484	389	78	211	7 614	177	66	86	91	7 867	506	45	104
BEDROOMS													
None-----	446	24	—	16	96	1	—	—	7	156	30	2	11
1-----	4 000	126	34	53	1 758	52	12	21	22	1 847	130	33	72
2-----	14 329	322	55	133	6 086	164	61	52	47	7 248	614	43	65
3-----	19 864	328	50	160	8 084	160	72	68	103	8 289	623	61	112
4-----	6 066	143	19	85	2 468	74	20	10	41	2 802	214	12	22
5 or more-----	1 241	25	8	2	710	28	9	4	10	742	75	7	11
UNITS IN STRUCTURE													
1, detached-----	36 477	640	121	288	15 166	362	123	121	159	16 103	1 178	90	187
1, attached-----	426	46	—	5	111	6	—	6	3	178	25	3	2
2-----	2 294	57	18	59	707	41	14	8	17	776	118	14	29
3 and 4-----	1 467	29	—	33	547	8	3	9	12	408	49	20	5
5 to 9-----	983	109	—	20	583	46	8	5	10	509	31	2	17
10 to 49-----	1 205	38	15	7	289	—	7	—	—	628	69	8	17
50 or more-----	433	42	—	6	121	—	—	—	7	62	12	—	—
Mobile home or trailer, etc.-----	2 661	7	12	31	1 678	16	19	6	22	2 420	204	21	36
UNITS IN STRUCTURE BY GROSS RENT													
Specified renter-occupied housing units	8 994	435	54	191	3 769	142	42	54	72	3 889	445	63	104
1, mobile home or trailer, etc.-----	3 796	196	27	75	1 890	66	26	32	37	1 997	267	21	40
Median gross rent-----	\$284	\$251	\$363	\$276	\$257	\$269	\$263	\$271	\$272	\$240	\$234	\$231	\$243
2 or more-----	5 198	239	27	116	1 879	76	16	22	35	1 892	178	42	64
Median gross rent-----	\$229	\$177	\$146	\$244	\$199	\$155	\$158	\$218	\$181	\$192	\$216	\$184	\$214
BATHROOMS													
No bathroom or only a half bath-----	853	45	—	40	437	12	7	—	7	475	47	15	31
1 complete bathroom-----	30 461	759	136	317	12 775	374	135	145	170	14 306	1 275	116	214
1 complete bathroom plus half bath(s)-----	8 416	105	21	71	3 528	67	27	6	47	3 347	207	7	32
2 or more complete bathrooms-----	6 216	59	9	21	2 462	26	5	4	6	2 956	157	20	16
SOURCE OF WATER													
Public system or private company-----	31 203	895	131	362	9 031	310	108	119	121	7 728	503	61	170
Individual drilled well-----	12 310	73	35	72	9 578	142	59	34	95	12 799	1 034	84	111
Individual dug well-----	1 923	—	—	14	550	27	7	2	7	535	147	13	12
Some other source-----	510	—	—	1	43	—	—	—	7	22	2	—	—
HEATING EQUIPMENT													
Steam or hot water system-----	8 344	134	36	43	1 724	53	17	8	25	1 885	126	10	7
Central warm-air furnace-----	27 618	570	83	251	12 929	349	74	101	111	12 908	904	83	163
Electric heat pump-----	374	20	2	6	197	9	2	—	—	280	29	4	5
Other built-in electric units-----	2 345	13	7	33	1 249	12	16	6	12	1 670	59	8	19
Floor, wall, or pipeless furnace-----	1 994	59	12	26	555	9	11	18	14	730	51	14	14
Room heaters with flue-----	3 022	134	6	64	1 208	23	40	16	48	1 831	382	35	55
Room heaters without flue-----	693	23	14	11	243	16	10	—	12	458	78	2	21
Fireplaces, stoves, or portable room heaters-----	1 550	15	6	15	1 082	8	4	6	8	1 295	57	2	5
None-----	6	—	—	—	15	—	—	—	—	27	—	—	4
SELECTED CHARACTERISTICS													
No telephone-----	1 970	66	13	70	1 356	25	19	18	46	1 394	187	39	56
No complete kitchen facilities-----	543	17	—	21	250	6	3	—	—	264	41	8	24
Lacking air conditioning-----	36 429	846	161	381	12 858	368	166	138	207	15 376	1 451	122	231
Lacking public sewer-----	17 137	174	42	123	11 428	179	73	51	125	13 896	1 177	97	162
No vehicle available-----	3 116	294	32	57	1 170	57	14	40	31	1 336	299	19	25
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	36 287	499	104	242	15 006	337	128	101	154	16 470	1 174	86	142
1979 to March 1980-----	4 424	37	9	34	1 766	5	14	14	24	1 942	100	12	23
1975 to 1978-----	9 270	53	45	55	4 009	69	43	25	44	4 534	213	33	53
1970 to 1974-----	7 058	132	33	53	2 866	83	36	27	48	3 328	331	24	53
1960 to 1969-----	6 884	101	17	56	3 066	106	23	20	15	3 181	292	15	13
1950 to 1959-----	4 383	78	—	44	1 800	65	3	6	16	1 723	118	2	—
1949 or earlier-----	4 268	98	—	—	1 499	9	9	9	7	1 762	120	—	—
Renter-occupied housing units	9 659	469	62	207	4 196	142	46	54	76	4 614	512	72	151
1979 to March 1980-----	4 568	179	37	119	2 198	43	27	38	35	1 973	213	33	88
1975 to 1978-----	3 164	147	7	70	1 204	68	17	12	33	1 662	199	36	37
1970 to 1974-----	996	74	18	7	416	28	2	4	4	514	58	2	10
1960 to 1969-----	612	60	—	2	215	3	—	—	2	257	32	1	16
1959 or earlier-----	319	9	—	9	163	—	—	—	2	208	10	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	9 776	267	26	30	4 370	188	14	23	24	4 684	570	15	19
Owner-occupied housing units-----	8 174	160	12	28	3 627	141	9	17	20	3 887	454	13	14
Lacking complete plumbing for exclusive use-----	169	16	—	—	107	11	2	—	—	104	12	—	—
No complete kitchen facilities-----	181	—	—	—	43	6	—	—	—	97	12	—	—
No vehicle available-----	1 758	105	14	4	712	31	5	13	9	799	138	9	3
No telephone-----	306	14	—	—	221	3	3	—	6	214	25	2	3
Lacking central heating system-----	1 170	52	—	—	556	16	8	6	7	822	176	2	5
Lacking air conditioning-----	7 628	238	26	18	2 821	150	12	21	24	3 336	473	15	17

¹Persons of Spanish origin may be of any race.

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Washtenaw					Wayne				
	Race				Spanish origin ¹	Race				Spanish origin ¹
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	
Occupied housing units	81 501	8 997	294	1 777	1 109	537 645	273 936	2 684	5 269	13 096
YEAR STRUCTURE BUILT										
1979 to March 1980	1 979	177	7	69	13	6 038	1 305	19	216	134
1975 to 1978	6 206	582	23	214	115	20 063	4 284	73	508	297
1970 to 1974	12 684	2 123	42	265	246	41 382	8 073	164	642	711
1960 to 1969	21 104	3 149	79	710	306	80 241	18 592	333	710	1 401
1950 to 1959	14 174	1 313	55	299	157	145 771	48 846	553	1 041	2 381
1940 to 1949	7 412	699	47	79	95	108 401	76 105	519	1 061	2 402
1939 or earlier	17 942	954	41	141	177	135 749	116 731	1 023	1 391	5 770
BEDROOMS										
None	1 753	252	10	188	38	7 729	5 780	98	428	300
1	14 505	2 033	92	427	332	57 875	41 057	420	1 325	1 922
2	24 448	2 901	56	497	356	161 727	86 751	891	1 124	3 734
3	27 641	2 915	90	301	284	243 598	104 109	898	1 487	5 162
4	10 678	796	35	313	56	56 223	29 078	304	759	1 541
5 or more	2 476	100	11	51	43	10 493	7 161	73	146	437
UNITS IN STRUCTURE										
1, detached	45 750	3 328	132	665	381	393 844	148 724	1 537	2 644	7 538
1, attached	3 981	1 274	7	184	96	13 443	10 278	127	161	499
2	3 842	416	28	20	64	38 933	50 761	339	342	2 192
3 and 4	3 774	544	24	52	67	14 366	13 450	165	206	850
5 to 9	8 715	1 194	38	297	204	19 480	8 889	97	338	540
10 to 49	11 141	1 682	49	412	231	31 305	25 276	239	945	942
50 or more	2 673	546	6	141	60	18 247	16 305	141	622	489
Mobile home or trailer, etc.	1 625	13	10	6	6	8 027	253	39	11	46
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	34 754	5 389	153	1 061	734	138 100	126 396	1 268	2 484	5 599
1, mobile home or trailer, etc.	6 818	1 291	15	166	132	36 361	28 884	361	276	1 406
Median gross rent	\$359	\$291	\$293	\$255	\$327	\$289	\$274	\$280	\$308	\$270
2 or more	27 936	4 098	138	895	602	101 739	97 512	907	2 208	4 193
Median gross rent	\$296	\$286	\$277	\$256	\$280	\$239	\$202	\$213	\$216	\$215
BATHROOMS										
No bathroom or only a half bath	1 308	156	13	56	14	6 571	7 329	62	131	423
1 complete bathroom	48 174	5 887	200	1 048	719	332 819	193 476	2 023	3 043	9 196
1 complete bathroom plus half bath(s)	15 885	2 158	203	289	208	124 785	50 554	349	1 094	2 145
2 or more complete bathrooms	16 134	796	38	384	168	73 470	22 577	250	1 001	1 332
SOURCE OF WATER										
Public system or private company	64 617	8 811	245	1 738	997	533 366	273 553	2 681	5 259	13 054
Individual drilled well	15 899	153	49	32	94	3 675	207	—	10	37
Individual dug well	929	24	—	7	18	517	88	—	—	5
Some other source	56	9	—	—	—	87	88	3	—	—
HEATING EQUIPMENT										
Steam or hot water system	14 130	1 049	47	381	258	82 067	71 367	601	1 423	3 223
Central warm-air furnace	60 506	6 951	227	1 271	739	419 677	166 394	1 758	3 399	7 961
Electric heat pump	781	160	—	19	28	1 748	2 689	17	54	94
Other built-in electric units	2 535	293	8	39	36	6 884	6 128	47	145	282
Floor, wall, or pipeless furnace	1 032	161	3	10	10	8 498	8 545	84	59	388
Room heaters with flue	1 587	267	—	57	36	14 840	14 079	130	147	819
Room heaters without flue	296	68	9	—	2	2 520	3 279	33	29	256
Fireplaces, stoves, or portable room heaters	628	17	—	—	—	1 312	1 121	7	6	45
None	6	31	—	—	—	99	334	7	7	28
SELECTED CHARACTERISTICS										
No telephone	1 620	602	13	48	20	18 340	21 939	304	263	1 314
No complete kitchen facilities	731	117	7	15	—	5 589	5 977	23	77	297
Lacking air conditioning	42 393	5 101	196	790	540	265 470	189 714	1 683	2 524	8 669
Lacking public sewer	16 690	258	40	68	120	11 544	3 767	46	74	273
No vehicle available	5 068	1 616	30	272	145	60 032	85 772	542	817	2 729
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	45 484	3 291	141	685	342	397 281	144 267	1 387	2 748	7 317
1979 to March 1980	5 769	350	29	174	54	33 959	10 756	146	596	941
1975 to 1978	13 194	717	40	295	140	83 690	32 785	368	931	1 924
1970 to 1974	8 242	906	33	100	93	62 719	31 396	240	463	1 366
1960 to 1969	9 230	771	13	75	41	87 776	41 783	346	352	1 769
1950 to 1959	5 589	335	20	29	14	78 033	19 280	211	206	864
1949 or earlier	3 460	212	6	12	—	51 104	8 267	76	200	453
Renter-occupied housing units	36 017	5 706	153	1 092	767	140 364	129 669	1 297	2 521	5 779
1979 to March 1980	19 986	2 467	110	759	509	52 638	43 458	533	1 003	2 535
1975 to 1978	12 101	2 231	38	299	219	50 469	49 595	519	1 054	2 075
1970 to 1974	2 308	775	2	27	37	18 515	19 200	168	262	645
1960 to 1969	1 151	178	3	—	—	11 405	11 766	64	130	386
1959 or earlier	471	55	—	7	2	7 337	5 650	13	72	138
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	9 287	815	15	62	28	120 687	42 373	277	729	1 686
Owner-occupied housing units	6 864	423	6	36	7	92 252	25 338	177	415	1 109
Lacking complete plumbing for exclusive use	158	12	6	—	—	1 252	764	—	20	85
No complete kitchen facilities	54	6	—	—	—	1 315	524	—	5	50
No vehicle available	1 731	290	6	16	6	36 287	18 752	119	313	713
No telephone	122	63	—	7	—	3 601	1 665	39	61	120
Lacking central heating system	352	65	—	—	—	5 292	3 259	29	32	152
Lacking air conditioning	5 469	602	15	20	28	66 640	31 639	206	486	1 153

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 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]

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	Allegan				Baraga			Barry	Bay			
	Race		American Indian, Eskimo, and Aleut	Spanish origin ¹	Race		Spanish origin ¹	Race				
	White	Black			White	Eskimo, Indian, and Aleut		White	Black	Eskimo, Indian, and Aleut	Spanish origin ¹	
Occupied housing units -----	26 443	406	127	437	2 707	207	128	40 454	293	180	782	
HOUSE HEATING FUEL												
Utility gas-----	13 245	62	40	192	998	105	78	31 955	236	139	645	
Bottled, tank, or LP gas-----	2 013	77	25	68	434	21	11	1 352	5	7	32	
Electricity-----	786	30	—	15	93	11	4	1 456	52	3	56	
Fuel oil, kerosene, etc-----	8 950	198	55	139	719	27	35	4 846	—	28	30	
Coal or coke-----	80	—	—	—	—	—	—	74	—	—	—	
Wood-----	1 308	39	7	23	455	43	—	685	—	3	3	
Other fuel-----	48	—	—	—	8	—	—	71	—	—	12	
No fuel used-----	13	—	—	—	—	—	—	15	—	—	4	
WATER HEATING FUEL												
Utility gas-----	10 980	65	36	172	962	93	37	29 391	228	119	632	
Bottled, tank, or LP gas-----	2 468	80	16	63	519	50	10	1 347	3	19	38	
Electricity-----	11 791	237	64	200	936	47	77	9 328	57	42	96	
Fuel oil, kerosene, etc-----	1 021	19	2	2	160	13	4	177	—	—	2	
Other-----	70	—	—	—	70	—	—	98	—	—	12	
No fuel used-----	113	5	9	—	60	4	—	113	5	—	2	
COOKING FUEL												
Utility gas-----	6 507	77	22	124	328	54	35	19 324	197	68	568	
Bottled, tank, or LP gas-----	4 241	207	37	134	593	71	19	2 212	—	34	25	
Electricity-----	15 589	117	68	177	1 667	82	74	18 836	96	78	189	
Other-----	80	5	—	2	112	—	—	65	—	—	—	
No fuel used-----	26	—	—	—	7	—	—	17	—	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units -----	13 514	129	36	168	1 281	...	62	26 017	96	111	353	
With a mortgage-----	7 654	51	22	117	555	...	50	14 167	72	79	284	
Less than \$100-----	29	—	2	—	—	...	—	12	—	—	6	
\$100 to \$149-----	67	—	2	—	24	...	—	70	—	—	—	
\$150 to \$199-----	278	—	3	5	48	...	6	312	6	—	—	
\$200 to \$249-----	900	6	5	15	79	...	16	1 434	—	16	60	
\$250 to \$299-----	1 350	5	—	20	120	...	7	2 217	8	15	43	
\$300 to \$349-----	1 539	34	6	30	116	...	7	2 785	11	40	86	
\$350 to \$399-----	1 048	2	—	17	74	...	—	2 367	7	2	57	
\$400 to \$449-----	775	3	2	9	38	...	—	1 710	7	—	5	
\$450 to \$499-----	621	—	—	2	13	...	—	1 162	11	—	10	
\$500 to \$599-----	571	—	—	9	40	...	—	1 169	12	—	9	
\$600 to \$749-----	311	1	2	6	3	...	2	615	4	—	—	
\$750 or more-----	165	—	—	4	—	...	12	314	6	6	8	
Median-----	\$339	\$321	\$240	\$331	\$303	...	\$271	\$355	\$429	\$311	\$319	
Not mortgaged-----	5 860	78	14	51	726	...	12	11 850	24	32	69	
Less than \$50-----	35	2	—	—	9	...	—	—	—	—	—	
\$50 to \$74-----	192	3	—	2	36	...	—	97	—	—	—	
\$75 to \$99-----	560	8	5	—	64	...	—	542	—	—	3	
\$100 to \$149-----	2 602	40	2	24	316	...	12	3 873	15	8	26	
\$150 to \$199-----	1 634	14	3	12	209	...	—	4 564	—	8	20	
\$200 to \$249-----	575	9	2	5	65	...	—	1 960	9	5	15	
\$250 or more-----	262	—	—	8	27	...	—	814	—	11	5	
Median-----	\$142	\$134	\$112	\$148	\$141	...	\$129	\$164	\$142	\$187	\$160	
GROSS RENT												
Specified renter-occupied housing units -----	3 931	102	40	132	454	83	40	7 764	172	38	347	
Less than \$50-----	19	—	—	—	9	6	—	47	—	—	—	
\$50 to \$59-----	3	—	—	—	8	—	—	107	—	—	—	
\$60 to \$79-----	51	9	12	—	24	9	—	342	—	—	9	
\$80 to \$99-----	60	—	2	—	35	12	—	163	13	—	19	
\$100 to \$119-----	51	—	—	—	38	—	—	205	7	—	—	
\$120 to \$149-----	258	4	8	11	31	26	1	359	8	6	14	
\$150 to \$169-----	260	4	—	2	56	—	—	521	—	7	5	
\$170 to \$199-----	491	14	—	16	57	4	2	875	16	13	58	
\$200 to \$249-----	1 039	29	7	17	89	26	19	1 943	55	2	76	
\$250 to \$299-----	751	25	3	39	35	—	3	1 438	28	4	77	
\$300 to \$349-----	362	15	9	20	4	—	4	835	27	—	59	
\$350 to \$399-----	176	1	—	14	—	—	9	341	9	—	16	
\$400 to \$499-----	38	—	—	—	7	—	—	174	—	—	5	
\$500 or more-----	27	—	—	—	—	—	—	27	—	—	—	
No cash rent-----	345	2	—	11	61	—	2	387	9	6	9	
Median-----	\$227	\$227	\$187	\$268	\$169	\$144	\$244	\$227	\$232	\$183	\$236	
HOUSEHOLD INCOME IN 1979												
Occupied housing units -----	26 443	406	127	437	2 707	207	128	40 454	293	180	782	
Median income-----	\$17 953	\$8 958	\$12 560	\$14 964	\$12 238	\$10 938	\$17 292	\$19 041	\$12 188	\$15 694	\$16 993	
Owner-occupied housing units -----	21 739	291	83	279	2 179	112	85	32 332	121	138	420	
Median income-----	\$19 738	\$10 536	\$16 875	\$17 757	\$14 158	...	\$20 313	\$21 236	\$19 904	\$21 250	\$21 161	
Renter-occupied housing units -----	4 704	115	44	158	528	95	43	8 122	172	42	362	
Median income-----	\$11 311	\$7 452	\$6 250	\$11 328	\$7 301	...	\$11 875	\$10 107	\$7 396	\$5 769	\$10 000	
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units -----	1 514	70	18	42	238	...	15	2 265	11	24	28	
Percent below poverty level-----	7.0	24.1	21.7	15.1	10.9	...	17.6	7.0	9.1	17.4	6.7	
Complete plumbing for exclusive use-----	1 436	68	16	41	202	...	15	2 135	11	17	28	
1.01 or more persons per room-----	47	5	6	24	2	...	—	52	—	—	5	
Lacking complete plumbing for exclusive use-----	78	2	2	1	36	...	—	130	—	7	—	
1.01 or more persons per room-----	4	—	—	—	2	...	—	17	—	—	—	
Renter-occupied housing units -----	889	49	28	35	156	...	17	2 168	81	17	132	
Percent below poverty level-----	18.9	42.6	63.6	22.2	29.5	...	39.5	26.7	47.1	40.5	36.5	
Complete plumbing for exclusive use-----	834	42	26	35	134	...	17	2 077	77	17	129	
1.01 or more persons per room-----	95	14	9	9	5	...	7	37	3	—	17	
Lacking complete plumbing for exclusive use-----	55	7	2	—	22	...	—	91	4	—	3	
1.01 or more persons per room-----	5	—	—	—	—	...	—	7	—	—	3	

¹Persons of Spanish origin may be of any race.

Table 97. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

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

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	Berrien				Spanish origin ¹	Colhoun				Spanish origin ¹	Cass	
	Race					Race					Race	
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander		White	Black
Occupied housing units	52 410	7 291	176	258	540	45 940	4 577	202	150	650	15 678	1 391
HOUSE HEATING FUEL												
Utility gas	30 035	4 954	123	146	331	31 150	3 778	152	112	480	6 651	696
Bottled, tank, or LP gas	1 050	125	7	5	20	1 558	71	4	2	24	1 591	146
Electricity	8 626	1 137	25	78	107	2 055	142	—	8	35	2 259	150
Fuel oil, kerosene, etc.	11 523	995	7	29	66	10 315	580	36	28	103	4 093	344
Cool or coke	88	26	—	—	2	43	6	—	—	2	25	9
Wood	992	39	14	—	14	754	—	10	—	2	1 042	41
Other fuel	62	6	—	—	—	56	—	—	—	6	4	—
No fuel used	34	9	—	—	—	9	—	—	—	—	13	5
WATER HEATING FUEL												
Utility gas	20 570	4 064	92	94	188	30 398	3 965	137	105	485	4 705	456
Bottled, tank, or LP gas	680	183	7	7	6	2 103	106	10	—	32	1 304	105
Electricity	30 578	2 937	77	136	343	12 588	449	55	36	124	9 426	800
Fuel oil, kerosene, etc.	374	39	—	21	—	730	54	—	—	9	165	16
Other	69	18	—	—	—	49	—	—	—	—	34	—
No fuel used	139	50	—	—	3	72	3	—	9	—	44	14
COOKING FUEL												
Utility gas	11 235	3 274	97	45	137	17 540	3 486	103	74	394	3 638	515
Bottled, tank, or LP gas	1 704	213	1	6	42	3 000	36	23	—	50	2 635	307
Electricity	39 309	3 721	78	207	355	25 273	1 055	76	76	204	9 323	563
Other	76	41	—	—	—	77	—	—	—	2	62	6
No fuel used	86	42	—	—	6	50	—	—	—	—	20	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	30 258	2 824	80	77	165	27 612	2 128	80	91	334	8 784	721
With a mortgage	17 066	1 889	60	65	124	15 930	1 294	70	85	228	4 841	329
Less than \$100	26	13	—	—	—	30	—	—	—	—	4	—
\$100 to \$149	174	5	—	—	—	201	85	—	—	8	46	14
\$150 to \$199	637	81	—	—	—	798	77	—	—	16	216	39
\$200 to \$249	2 114	478	16	—	13	2 120	243	21	12	63	632	78
\$250 to \$299	2 946	396	—	—	34	3 426	251	26	—	63	792	40
\$300 to \$349	3 049	369	26	—	25	2 690	270	11	8	13	938	55
\$350 to \$399	2 458	218	—	6	2	2 111	136	6	—	28	745	58
\$400 to \$449	1 862	133	1	7	7	1 340	71	4	—	13	447	15
\$450 to \$499	1 355	103	—	7	19	1 046	74	—	7	6	393	13
\$500 to \$599	1 205	48	9	17	18	1 206	33	2	13	13	349	10
\$600 to \$749	814	35	8	11	6	677	54	—	26	2	181	5
\$750 or more	426	10	—	17	—	285	—	—	19	3	98	2
Median	\$343	\$296	\$327	\$537	\$330	\$326	\$298	\$277	\$614	\$271	\$339	\$292
Not mortgaged	13 192	935	20	12	41	11 682	834	10	6	106	3 943	392
Less than \$50	6	7	—	—	—	2	—	—	—	—	39	—
\$50 to \$74	201	20	—	—	2	207	17	—	—	—	96	11
\$75 to \$99	1 291	92	—	—	2	996	69	5	—	10	340	33
\$100 to \$149	5 472	316	11	—	19	5 112	325	—	—	49	1 727	131
\$150 to \$199	3 953	319	7	10	11	3 425	286	5	—	42	1 233	143
\$200 to \$249	1 446	115	—	—	—	1 209	95	—	—	—	380	49
\$250 or more	823	66	2	2	7	712	40	—	—	5	128	25
Median	\$147	\$155	\$123	\$169	\$140	\$145	\$151	\$125	\$63	\$145	\$144	\$156
GROSS RENT												
Specified renter-occupied housing units	12 388	3 697	87	123	282	10 597	2 138	94	50	238	2 383	317
Less than \$50	72	41	—	—	—	78	41	—	—	—	26	5
\$50 to \$59	161	108	—	—	—	83	—	—	—	—	10	12
\$60 to \$79	170	40	—	—	—	214	25	—	—	2	32	7
\$80 to \$99	149	90	—	—	—	212	34	5	—	—	74	10
\$100 to \$119	217	109	—	7	10	233	33	—	—	12	53	15
\$120 to \$149	639	249	—	—	10	625	138	—	—	21	113	13
\$150 to \$169	455	226	6	18	18	834	150	—	6	35	126	6
\$170 to \$199	1 505	381	—	18	70	1 481	439	19	—	40	257	56
\$200 to \$249	3 320	1 028	23	40	43	2 666	527	19	15	39	659	87
\$250 to \$299	2 677	762	39	27	62	2 005	395	40	—	55	470	44
\$300 to \$349	1 346	328	16	8	36	885	211	6	18	14	204	23
\$350 to \$399	578	157	3	5	5	482	87	5	4	—	83	6
\$400 to \$499	308	121	—	—	4	219	19	—	7	2	48	10
\$500 or more	88	16	—	—	—	48	—	—	—	—	9	—
No cash rent	703	41	—	—	24	532	39	—	—	18	219	23
Median	\$237	\$230	\$280	\$217	\$224	\$223	\$216	\$254	\$311	\$200	\$229	\$216
HOUSEHOLD INCOME IN 1979												
Occupied housing units	52 410	7 291	176	258	540	45 940	4 577	202	150	650	15 678	1 391
Median income	\$17 307	\$9 139	\$11 375	\$21 053	\$11 118	\$17 943	\$12 467	\$11 000	\$34 063	\$17 353	\$16 786	\$9 768
Owner-occupied housing units	38 650	3 335	87	128	220	34 662	2 402	108	100	394	12 729	1 028
Median income	\$20 010	\$13 032	\$12 019	\$38 000	\$20 714	\$20 784	\$16 373	\$18 462	\$48 571	\$22 262	\$18 292	\$11 444
Renter-occupied housing units	13 560	3 956	89	130	320	11 278	2 175	94	50	256	2 949	363
Median income	\$11 187	\$6 847	\$10 179	\$7 222	\$7 426	\$10 966	\$9 258	\$5 161	\$19 038	\$10 595	\$11 909	\$6 975
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	2 473	686	28	6	32	2 234	350	8	6	37	1 046	192
Percent below poverty level	6.4	20.6	32.2	4.7	14.5	6.4	14.6	7.4	6.0	9.4	8.2	18.7
Complete plumbing for exclusive use	2 417	677	28	6	32	2 168	350	8	6	37	987	185
1.01 or more persons per room	76	83	—	—	12	86	21	—	—	5	18	20
Lacking complete plumbing for exclusive use	56	9	—	—	—	66	—	—	—	—	59	7
1.01 or more persons per room	—	3	—	—	—	12	—	—	—	—	4	—
Renter-occupied housing units	2 902	1 948	50	50	129	2 387	735	58	17	65	601	161
Percent below poverty level	21.4	49.2	56.2	38.5	40.3	21.2	33.8	61.7	34.0	25.4	20.4	44.4
Complete plumbing for exclusive use	2 800	1 849	50	50	126	2 230	719	58	17	65	574	152
1.01 or more persons per room	184	295	6	5	11	97	44	—	6	12	45	6
Lacking complete plumbing for exclusive use	102	99	—	—	3	157	16	—	—	—	27	9
1.01 or more persons per room	—	10	—	—	—	14	—	—	—	—	6	2

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Chippewa		Clinton		Delta		Eaton			Emmet	
	Race		Race		Race		Race		Race		
	White	American Indian, Eskimo, and Aleut	Spanish origin ¹	American Indian, Eskimo, and Aleut	White	American Indian, Eskimo, and Aleut	White	Black	Spanish origin ¹	White	American Indian, Eskimo, and Aleut
Occupied housing units	9 254	656	246	13 417	141	29 027	739	370	7 949	142	
HOUSE HEATING FUEL											
Utility gas	3 897	262	144	7 599	56	18 813	554	244	3 961	88	
Bottled, tank, or LP gas	819	82	12	1 184	22	1 155	17	15	1 032	16	
Electricity	609	42	2	740	4	1 813	127	47	291	2	
Fuel oil, kerosene, etc.	3 238	190	86	3 117	27	6 348	41	62	1 882	19	
Coal or coke	2	—	—	6	—	36	—	—	9	—	
Wood	653	80	2	764	32	799	—	2	751	17	
Other fuel	26	—	—	2	—	47	—	—	13	—	
No fuel used	10	—	—	5	—	16	—	—	10	—	
WATER HEATING FUEL											
Utility gas	2 526	193	120	6 643	30	16 834	527	256	3 692	75	
Bottled, tank, or LP gas	837	82	14	1 746	46	1 426	27	13	1 322	21	
Electricity	5 503	342	112	4 358	65	10 256	185	100	2 373	33	
Fuel oil, kerosene, etc.	195	6	—	440	—	375	—	1	419	—	
Other	68	7	—	103	—	61	—	—	74	4	
No fuel used	125	26	—	127	—	75	—	—	69	9	
COOKING FUEL											
Utility gas	1 043	134	89	2 863	10	6 869	249	125	2 163	64	
Bottled, tank, or LP gas	1 612	161	6	1 932	44	1 942	4	29	1 578	31	
Electricity	6 524	351	151	8 468	87	20 160	486	216	4 099	37	
Other	75	8	—	104	—	56	—	—	99	10	
No fuel used	—	2	—	50	—	—	—	—	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	4 512	285	141	7 455	76	15 766	264	147	3 893	64	
With a mortgage	1 986	82	113	3 532	40	11 142	238	136	2 146	24	
Less than \$100	4	—	—	15	—	13	—	—	6	—	
\$100 to \$149	38	—	7	38	—	46	—	2	28	—	
\$150 to \$199	179	16	2	167	—	200	—	—	78	—	
\$200 to \$249	408	5	23	379	9	626	2	6	221	3	
\$250 to \$299	408	14	7	629	4	1 388	20	26	298	4	
\$300 to \$349	289	14	14	667	23	1 955	36	7	325	1	
\$350 to \$399	217	17	6	631	2	1 670	35	17	277	4	
\$400 to \$449	166	10	11	328	2	1 466	31	20	226	2	
\$450 to \$499	134	—	18	257	—	1 159	31	25	166	2	
\$500 to \$599	98	4	18	207	—	1 459	19	25	233	—	
\$600 to \$749	38	2	7	157	—	806	16	1	143	—	
\$750 or more	7	—	—	57	—	354	48	—	149	—	
Median	\$295	\$321	\$379	\$340	\$315	\$390	\$442	\$425	\$372	\$263	
Not mortgaged	2 526	203	28	3 923	36	4 624	26	11	1 747	40	
Less than \$50	40	18	—	10	—	7	—	—	10	3	
\$50 to \$74	111	33	—	89	—	49	—	—	53	2	
\$75 to \$99	441	31	2	329	9	187	—	1	175	10	
\$100 to \$149	1 175	67	3	1 477	4	1 438	5	10	649	13	
\$150 to \$199	535	20	15	1 264	19	1 722	14	—	475	12	
\$200 to \$249	169	29	8	501	4	788	7	—	264	—	
\$250 or more	55	5	—	253	—	433	—	—	121	—	
Median	\$127	\$111	\$186	\$152	\$157	\$166	\$172	\$136	\$149	\$110	
GROSS RENT											
Specified renter-occupied housing units	1 980	261	47	2 838	26	6 804	413	153	1 789	54	
Less than \$50	19	—	—	36	—	15	5	—	7	2	
\$50 to \$59	25	4	—	49	—	7	—	2	5	—	
\$60 to \$79	72	11	—	171	—	88	6	—	44	—	
\$80 to \$99	80	14	—	130	—	66	—	—	56	—	
\$100 to \$119	111	3	—	134	—	185	3	—	45	—	
\$120 to \$149	181	42	—	234	6	271	—	4	109	5	
\$150 to \$169	261	37	2	231	—	231	—	—	117	—	
\$170 to \$199	286	51	7	523	4	457	20	11	245	—	
\$200 to \$249	441	33	11	573	3	1 539	116	46	323	16	
\$250 to \$299	179	21	16	310	8	1 585	73	29	310	16	
\$300 to \$349	88	21	2	165	—	1 250	101	14	186	—	
\$350 to \$399	45	—	—	70	—	457	47	16	100	6	
\$400 to \$499	8	—	—	7	2	322	32	21	64	—	
\$500 or more	8	—	—	11	—	62	10	—	32	1	
No cash rent	176	24	9	194	3	269	—	10	146	8	
Median	\$185	\$176	\$238	\$191	\$213	\$262	\$290	\$261	\$231	\$250	
HOUSEHOLD INCOME IN 1979											
Occupied housing units	9 254	656	246	13 417	141	29 027	739	370	7 949	142	
Median income	\$12 923	\$9 733	\$21 163	\$14 923	\$10 809	\$21 674	\$21 649	\$21 571	\$15 503	\$12 344	
Owner-occupied housing units	7 143	390	197	10 432	113	21 638	313	189	5 990	81	
Median income	\$14 524	\$13 068	\$22 156	\$17 096	\$12 361	\$24 442	\$33 786	\$24 728	\$17 558	\$11 406	
Renter-occupied housing units	2 111	266	49	2 985	28	7 389	426	181	1 959	61	
Median income	\$8 130	\$6 125	\$8 625	\$7 621	\$6 250	\$14 473	\$15 952	\$17 250	\$10 006	\$15 179	
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	757	63	13	1 019	25	948	13	14	586	15	
Percent below poverty level	10.6	16.2	6.6	9.8	22.1	4.4	4.2	7.4	9.8	18.5	
Complete plumbing for exclusive use	676	52	13	921	23	925	13	8	538	2	
1.01 or more persons per room	21	14	2	29	—	33	3	2	35	2	
Lacking complete plumbing for exclusive use	81	11	—	98	2	23	—	6	48	3	
1.01 or more persons per room	11	—	—	2	—	—	—	—	2	—	
Renter-occupied housing units	636	135	11	856	13	906	34	26	414	7	
Percent below poverty level	30.1	50.8	22.4	28.7	46.4	12.3	8.0	14.4	21.1	11.5	
Complete plumbing for exclusive use	595	128	9	800	13	865	31	26	391	7	
1.01 or more persons per room	25	2	—	43	—	31	—	4	13	—	
Lacking complete plumbing for exclusive use	41	7	2	56	—	41	3	—	23	—	
1.01 or more persons per room	—	2	—	—	—	9	—	—	6	—	

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	Genesee				Griot		Ingham				
	Race				Spanish origin ¹	Spanish origin ¹	Race				
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander			White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	128 039	24 070	986	625	1 918	230	85 858	6 623	541	894	2 410
HOUSE HEATING FUEL											
Utility gas	105 574	20 132	799	580	1 610	150	64 913	5 351	396	633	1 985
Bottled, tank, or LP gas	2 533	271	39	—	44	18	1 518	61	15	3	31
Electricity	4 309	2 309	28	32	166	31	6 602	726	57	80	184
Fuel oil, kerosene, etc	14 689	1 219	114	6	94	31	10 115	269	51	35	121
Coal or coke	72	19	—	—	—	—	1 437	155	22	133	75
Wood	738	—	6	—	—	—	770	6	—	—	9
Other fuel	79	102	—	7	4	—	496	44	—	10	5
No fuel used	45	18	—	—	—	—	7	11	—	—	—
WATER HEATING FUEL											
Utility gas	94 409	20 345	690	554	1 530	135	59 754	5 105	383	651	1 780
Bottled, tank, or LP gas	3 000	857	14	—	41	19	1 907	112	25	16	46
Electricity	29 743	2 715	274	71	321	76	22 227	1 234	92	100	514
Fuel oil, kerosene, etc	712	71	8	—	22	—	659	17	19	14	—
Other	91	69	—	—	4	—	1 226	137	22	113	61
No fuel used	84	13	—	—	—	—	85	18	—	—	9
COOKING FUEL											
Utility gas	44 919	14 826	577	227	1 025	96	24 402	3 221	211	296	1 285
Bottled, tank, or LP gas	2 706	210	20	7	52	30	2 169	49	12	3	39
Electricity	80 257	8 910	381	391	829	104	59 096	3 345	310	595	1 080
Other	73	56	8	—	4	—	94	—	—	—	6
No fuel used	84	68	—	—	8	—	97	8	8	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	83 002	12 622	492	329	950	108	43 065	2 207	135	289	920
With a mortgage	53 424	9 993	386	306	620	80	28 790	1 790	99	275	751
Less than \$100	92	23	—	—	—	—	40	5	—	—	—
\$100 to \$149	283	100	—	—	11	—	124	17	1	—	6
\$150 to \$199	1 353	478	31	—	36	—	638	34	—	6	38
\$200 to \$249	5 837	1 241	56	13	134	20	2 795	198	10	6	99
\$250 to \$299	9 123	2 324	76	6	98	29	4 457	300	39	5	179
\$300 to \$349	10 334	2 224	95	33	126	10	4 625	309	13	6	185
\$350 to \$399	8 422	1 585	49	22	51	—	3 869	281	26	—	54
\$400 to \$449	6 161	801	17	49	56	12	3 215	189	10	35	72
\$450 to \$499	4 358	513	24	28	23	—	2 357	115	—	50	23
\$500 to \$599	4 296	446	29	46	59	—	3 230	178	—	43	29
\$600 to \$749	2 163	144	9	52	26	9	2 003	105	—	68	38
\$750 or more	1 002	114	—	57	—	—	1 437	59	—	56	28
Median	\$349	\$319	\$316	\$504	\$312	\$284	\$372	\$356	\$299	\$583	\$314
Not mortgaged	29 578	2 629	106	23	330	28	14 275	417	36	14	169
Less than \$50	35	8	—	—	—	—	44	—	—	—	—
\$50 to \$74	211	39	—	—	—	—	210	—	5	—	6
\$75 to \$99	1 607	114	8	—	43	12	933	20	—	—	13
\$100 to \$149	10 134	749	40	12	116	15	4 927	140	8	9	77
\$150 to \$199	10 606	967	52	11	98	1	4 536	121	10	—	61
\$200 to \$249	4 580	455	—	—	28	—	2 014	82	8	3	4
\$250 or more	2 405	297	6	—	45	—	1 611	54	5	2	8
Median	\$162	\$168	\$153	\$149	\$152	\$110	\$160	\$165	\$175	\$140	\$144
GROSS RENT											
Specified renter-occupied housing units	27 267	9 410	365	236	727	83	32 754	3 979	349	541	1 316
Less than \$50	110	34	5	—	—	—	123	7	—	—	—
\$50 to \$59	204	169	—	—	9	—	188	85	6	11	2
\$60 to \$79	316	115	—	9	4	—	386	43	—	—	—
\$80 to \$99	253	99	—	8	23	—	455	78	—	16	32
\$100 to \$119	432	151	7	13	16	—	412	39	17	—	21
\$120 to \$149	854	288	11	6	16	9	1 004	126	15	10	64
\$150 to \$169	1 082	502	32	—	32	12	2 771	430	36	153	171
\$170 to \$199	2 163	804	26	17	74	11	2 724	310	42	62	133
\$200 to \$249	6 483	2 139	77	36	185	22	6 990	847	59	75	275
\$250 to \$299	7 121	2 442	90	50	155	27	6 721	798	84	102	223
\$300 to \$349	3 999	1 240	82	51	131	—	4 784	613	34	26	209
\$350 to \$399	1 707	835	17	28	43	2	2 319	347	7	37	96
\$400 to \$499	1 190	430	12	14	33	—	2 041	190	49	35	61
\$500 or more	339	33	—	—	—	—	1 078	23	—	14	4
No cash rent	1 014	129	6	4	6	—	758	43	—	—	25
Median	\$258	\$257	\$261	\$269	\$250	\$229	\$256	\$250	\$249	\$212	\$240
HOUSEHOLD INCOME IN 1979											
Occupied housing units	128 039	24 070	986	625	1 918	230	85 858	6 623	541	894	2 410
Median income	\$21 480	\$17 463	\$17 230	\$22 813	\$18 750	\$17 059	\$18 311	\$14 971	\$14 297	\$16 602	\$15 076
Owner-occupied housing units	99 899	14 140	597	389	1 184	139	52 135	2 534	178	341	1 092
Median income	\$24 181	\$22 573	\$20 516	\$30 742	\$22 764	\$23 417	\$23 204	\$25 038	\$20 909	\$31 646	\$20 853
Renter-occupied housing units	28 140	9 930	389	236	734	91	33 723	4 089	363	553	1 318
Median income	\$13 123	\$9 237	\$11 309	\$10 714	\$9 958	\$9 279	\$12 088	\$10 713	\$11 861	\$7 708	\$10 403
INCOME IN 1979 BELOW POVERTY LEVEL											
Owner-occupied housing units	5 365	1 619	70	31	125	3	2 464	129	17	—	104
Percent below poverty level	5.4	11.4	11.7	8.0	10.6	2.2	4.7	5.1	9.6	—	9.5
Complete plumbing for exclusive use	5 324	1 619	70	31	125	3	2 427	129	17	—	104
1.01 or more persons per room	130	194	—	6	29	—	75	4	—	—	19
Lacking complete plumbing for exclusive use	41	—	—	—	—	—	37	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	5 897	3 946	96	60	283	19	7 675	1 477	121	226	459
Percent below poverty level	21.0	39.7	24.7	25.4	38.6	20.9	22.8	36.1	33.3	40.9	34.8
Complete plumbing for exclusive use	5 631	3 798	90	50	273	19	7 408	1 401	121	211	439
1.01 or more persons per room	290	416	5	4	3	—	450	82	6	89	75
Lacking complete plumbing for exclusive use	266	148	6	10	10	—	267	76	—	15	20
1.01 or more persons per room	17	6	—	—	10	—	28	12	—	—	20

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	Ionia			Iosco			Isabella			
	Race		Spanish origin ¹	Race		Spanish origin ¹	Race			Spanish origin ¹
	White	Black		White	Black		White	Black	American Indian, Eskimo, and Aleut	
Occupied housing units -----	16 070	13	156	9 876	170	15 615	124	133	223	
HOUSE HEATING FUEL										
Utility gas -----	8 506	—	97	5 120	48	9 003	61	97	147	
Bottled, tank, or LP gas -----	1 355	11	5	1 004	—	2 113	3	10	30	
Electricity -----	607	—	22	379	19	1 125	35	4	37	
Fuel oil, kerosene, etc -----	4 608	2	24	2 511	103	2 532	25	20	8	
Coal or coke -----	51	—	—	3	—	8	—	—	—	
Wood -----	922	—	8	838	—	777	—	2	1	
Other fuel -----	17	—	—	9	—	42	—	—	—	
No fuel used -----	4	—	—	12	—	15	—	—	—	
WATER HEATING FUEL										
Utility gas -----	7 483	—	105	3 878	45	7 903	62	67	148	
Bottled, tank, or LP gas -----	1 570	7	3	766	—	1 759	7	7	24	
Electricity -----	6 629	6	45	5 059	107	5 633	43	53	50	
Fuel oil, kerosene, etc -----	284	—	1	105	18	136	12	—	1	
Other -----	67	—	2	10	—	104	—	—	—	
No fuel used -----	37	—	—	58	—	80	—	6	—	
COOKING FUEL										
Utility gas -----	4 981	—	88	2 480	21	4 276	39	75	139	
Bottled, tank, or LP gas -----	2 426	1	15	1 245	—	2 248	12	21	22	
Electricity -----	8 581	12	50	6 108	149	9 031	73	37	62	
Other -----	69	—	3	37	—	53	—	—	—	
No fuel used -----	13	—	—	6	—	7	—	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	8 249	---	90	5 367	36	6 374	36	51	86	
With a mortgage -----	4 649	---	62	2 598	36	3 906	29	12	67	
Less than \$100 -----	6	---	—	6	—	15	—	—	—	
\$100 to \$149 -----	67	---	2	36	—	34	—	4	—	
\$150 to \$199 -----	327	---	14	264	—	96	2	—	—	
\$200 to \$249 -----	610	---	6	442	8	372	2	—	7	
\$250 to \$299 -----	931	---	13	482	4	606	—	2	9	
\$300 to \$349 -----	932	---	8	379	10	575	2	—	14	
\$350 to \$399 -----	664	---	4	373	7	564	6	—	17	
\$400 to \$449 -----	434	---	11	203	3	535	2	1	—	
\$450 to \$499 -----	287	---	4	179	—	320	4	—	6	
\$500 to \$599 -----	288	---	—	133	2	487	—	—	12	
\$600 to \$749 -----	68	---	—	65	2	216	—	—	2	
\$750 or more -----	35	---	—	36	—	86	11	—	—	
Median -----	\$321	---	\$285	\$309	\$330	\$373	\$456	\$350	\$360	
Not mortgaged -----	3 600	---	28	2 769	—	2 468	7	39	19	
Less than \$50 -----	23	---	—	31	—	14	—	—	8	
\$50 to \$74 -----	90	---	—	167	—	51	—	11	—	
\$75 to \$99 -----	441	---	—	572	—	239	—	12	—	
\$100 to \$149 -----	1 667	---	20	1 296	—	917	—	16	11	
\$150 to \$199 -----	990	---	—	500	—	718	—	—	—	
\$200 to \$249 -----	286	---	6	150	—	323	—	—	—	
\$250 or more -----	103	---	2	53	—	206	7	—	—	
Median -----	\$138	---	\$138	\$122	—	\$151	\$350	\$93	\$113	
GROSS RENT										
Specified renter-occupied housing units -----	2 969	---	38	2 656	127	4 710	80	49	117	
Less than \$50 -----	19	---	1	19	—	30	—	7	—	
\$50 to \$59 -----	64	---	—	12	—	54	—	—	—	
\$60 to \$79 -----	85	---	—	67	—	60	4	—	—	
\$80 to \$99 -----	121	---	6	46	—	80	—	—	21	
\$100 to \$119 -----	110	---	—	44	—	165	9	6	—	
\$120 to \$149 -----	174	---	6	191	5	338	10	7	27	
\$150 to \$169 -----	196	---	—	209	2	506	17	—	4	
\$170 to \$199 -----	405	---	4	423	18	525	8	7	5	
\$200 to \$249 -----	681	---	7	610	33	746	14	13	18	
\$250 to \$299 -----	485	---	2	250	2	778	15	3	6	
\$300 to \$349 -----	209	---	12	91	9	397	—	2	22	
\$350 to \$399 -----	92	---	—	42	3	147	—	4	—	
\$400 to \$499 -----	61	---	—	20	—	564	2	—	7	
\$500 or more -----	24	---	—	6	—	78	1	—	7	
No cash rent -----	243	---	—	626	55	242	—	—	7	
Median -----	\$215	---	\$213	\$200	\$218	\$232	\$170	\$176	\$196	
HOUSEHOLD INCOME IN 1979										
Occupied housing units -----	16 070	13	156	9 876	170	15 615	124	133	223	
Median income -----	\$17 254	\$31 250	\$18 393	\$11 602	\$13 906	\$15 017	\$12 292	\$12 865	\$9 840	
Owner-occupied housing units -----	12 650	8	114	7 044	36	10 557	44	78	106	
Median income -----	\$19 367	---	\$21 591	\$13 342	\$19 375	\$18 452	\$32 222	\$14 000	\$15 625	
Renter-occupied housing units -----	3 420	5	42	2 832	134	5 058	80	55	117	
Median income -----	\$10 623	---	\$13 750	\$9 198	\$11 346	\$10 053	\$11 023	\$10 536	\$7 604	
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units -----	875	---	8	656	—	903	5	9	14	
Percent below poverty level -----	6.9	---	7.0	9.3	—	8.6	11.4	11.5	13.2	
Complete plumbing for exclusive use -----	846	---	8	636	—	857	5	5	14	
1.01 or more persons per room -----	24	---	3	25	—	52	—	2	7	
Lacking complete plumbing for exclusive use -----	29	---	—	20	—	46	—	4	—	
1.01 or more persons per room -----	1	---	—	2	—	5	—	—	—	
Renter-occupied housing units -----	705	---	28	534	29	1 846	40	27	54	
Percent below poverty level -----	20.6	---	66.7	18.9	21.6	36.5	50.0	49.1	46.2	
Complete plumbing for exclusive use -----	655	---	26	507	29	1 759	32	25	54	
1.01 or more persons per room -----	11	---	4	34	2	164	9	14	5	
Lacking complete plumbing for exclusive use -----	50	---	2	27	—	87	8	2	—	
1.01 or more persons per room -----	9	---	—	2	—	1	—	2	—	

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Jackson					Kalamazoo				
	Race				Spanish origin ¹	Race				Spanish origin ¹
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	
Occupied housing units	48 066	2 377	188	188	392	69 617	4 935	244	347	730
HOUSE HEATING FUEL										
Utility gas	33 753	2 011	133	152	281	49 960	3 819	183	251	490
Bottled, tank, or LP gas	2 598	28	16	10	34	981	55	13	—	16
Electricity	2 159	211	2	20	31	3 216	461	3	47	70
Fuel oil, kerosene, etc.	8 434	103	36	6	44	13 953	524	40	41	134
Cool or coke	49	—	—	—	—	241	56	—	8	12
Wood	1 001	—	1	—	2	1 045	11	5	—	8
Other fuel	63	8	—	—	—	186	—	—	—	—
No fuel used	9	16	—	—	—	35	9	—	—	—
WATER HEATING FUEL										
Utility gas	29 177	2 028	125	154	256	47 458	4 022	176	254	496
Bottled, tank, or LP gas	2 331	44	—	—	26	1 698	113	6	—	21
Electricity	16 022	268	59	34	110	17 698	705	56	72	185
Fuel oil, kerosene, etc.	382	26	—	—	—	2 466	59	6	13	13
Other	72	5	—	—	—	191	36	—	8	8
No fuel used	82	6	4	—	—	106	—	—	—	7
COOKING FUEL										
Utility gas	18 600	1 711	94	57	202	23 875	3 161	143	125	401
Bottled, tank, or LP gas	3 420	60	15	—	42	2 005	45	5	7	33
Electricity	25 944	592	79	131	148	43 596	1 695	96	215	296
Other	76	—	—	—	—	75	18	—	—	—
No fuel used	26	14	—	—	—	66	16	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	28 664	1 119	97	131	169	38 480	1 626	115	118	295
With a mortgage	16 596	679	78	124	133	24 629	1 162	97	118	233
Less than \$100	64	6	—	—	—	20	6	—	—	—
\$100 to \$149	193	26	—	—	—	115	12	—	—	6
\$150 to \$199	562	32	—	—	17	754	53	—	—	—
\$200 to \$249	2 154	133	10	5	26	2 529	136	29	2	14
\$250 to \$299	2 898	182	18	—	13	3 589	252	—	—	34
\$300 to \$349	2 967	124	20	10	17	3 871	191	12	6	56
\$350 to \$399	2 440	70	17	19	25	3 287	135	18	6	32
\$400 to \$449	1 677	18	—	13	11	2 747	139	24	22	8
\$450 to \$499	1 338	27	13	31	—	2 196	79	6	19	41
\$500 to \$599	1 278	26	—	12	13	2 722	90	—	35	23
\$600 to \$749	774	25	—	28	—	1 777	38	6	11	—
\$750 or more	251	10	—	6	11	1 022	31	2	17	19
Median	\$341	\$289	\$327	\$474	\$331	\$372	\$332	\$371	\$507	\$360
Not mortgaged	12 068	440	19	7	36	13 851	464	18	—	62
Less than \$50	29	—	—	—	—	42	10	—	—	—
\$50 to \$74	176	4	2	—	—	112	6	—	—	—
\$75 to \$99	1 055	20	—	—	7	757	26	—	—	21
\$100 to \$149	4 771	114	10	7	21	4 922	168	5	—	9
\$150 to \$199	3 772	161	7	—	2	4 786	112	5	—	18
\$200 to \$249	1 520	121	—	—	6	2 053	79	—	—	14
\$250 or more	745	20	—	—	—	1 179	63	—	—	—
Median	\$150	\$179	\$134	\$138	\$125	\$161	\$158	\$130	—	\$152
GROSS RENT										
Specified renter-occupied housing units	10 651	1 025	50	33	138	21 690	2 893	106	184	385
Less than \$50	47	5	—	—	—	44	6	—	—	—
\$50 to \$59	83	16	—	—	—	90	22	6	—	—
\$60 to \$79	178	5	—	—	—	347	61	—	—	8
\$80 to \$99	178	32	—	—	6	304	57	—	—	4
\$100 to \$119	176	28	—	—	—	437	39	—	2	—
\$120 to \$149	484	51	—	—	8	1 122	214	20	36	24
\$150 to \$169	830	113	—	—	17	1 299	196	18	21	34
\$170 to \$199	1 237	142	19	—	—	2 375	385	9	6	34
\$200 to \$249	2 560	164	9	—	31	5 312	580	17	33	88
\$250 to \$299	2 117	230	17	8	21	4 216	556	14	33	79
\$300 to \$349	1 150	145	5	6	29	2 583	359	10	6	44
\$350 to \$399	548	44	—	5	9	1 431	238	12	39	29
\$400 to \$499	304	29	—	3	9	1 141	139	—	—	30
\$500 or more	109	3	—	6	6	280	35	—	8	11
No cash rent	650	18	—	5	2	709	6	—	—	—
Median	\$235	\$224	\$221	\$350	\$263	\$242	\$238	\$195	\$241	\$250
HOUSEHOLD INCOME IN 1979										
Occupied housing units	48 066	2 377	188	188	392	69 617	4 935	244	347	730
Median income	\$18 642	\$12 899	\$18 077	\$26 111	\$14 810	\$19 064	\$11 875	\$17 143	\$13 304	\$11 731
Owner-occupied housing units	36 739	1 285	116	148	232	47 206	1 933	137	144	339
Median income	\$21 204	\$17 044	\$22 083	\$28 269	\$17 578	\$22 793	\$19 020	\$22 697	\$31 538	\$21 518
Renter-occupied housing units	11 327	1 092	72	40	160	22 411	3 002	107	203	391
Median income	\$11 847	\$8 520	\$7 321	\$20 000	\$12 115	\$11 710	\$8 471	\$10 156	\$10 353	\$7 642
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	2 355	171	4	7	15	2 028	241	25	7	30
Percent below poverty level	6.4	13.3	3.4	4.7	6.5	4.3	12.5	18.2	4.9	8.8
Complete plumbing for exclusive use	2 304	163	—	7	15	2 005	241	25	7	30
1.01 or more persons per room	84	8	—	—	5	45	23	—	—	6
Lacking complete plumbing for exclusive use	51	8	4	—	—	23	—	—	—	—
1.01 or more persons per room	4	—	4	—	—	—	—	—	—	—
Renter-occupied housing units	2 145	407	29	17	27	4 556	1 205	19	39	155
Percent below poverty level	18.9	37.3	40.3	42.5	16.9	20.3	40.1	17.8	19.2	39.6
Complete plumbing for exclusive use	2 062	396	29	17	27	4 394	1 180	13	39	146
1.01 or more persons per room	48	36	—	—	2	136	88	7	8	12
Lacking complete plumbing for exclusive use	83	11	—	—	—	162	25	6	—	9
1.01 or more persons per room	8	—	—	—	—	9	—	6	—	4

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties
[400 or More of the Specified Racial or Spanish Origin Group]

	Kent					Lake			Lapeer	Lenawee		
	Race					Race				Race		
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹	White	Black	Spanish origin ¹		White	Black	Spanish origin ¹
Occupied housing units	143 400	9 761	560	691	2 247	2 444	583	282	29 254	210	1 116	
HOUSE HEATING FUEL												
Utility gas.....	122 199	9 015	487	582	2 032	61	24	138	15 844	157	835	
Bottled, tank, or LP gas.....	3 153	119	15	25	20	871	149	43	3 162	6	64	
Electricity.....	2 784	406	6	33	122	82	18	24	1 049	18	5	
Fuel oil, kerosene, etc.....	13 405	169	52	45	52	815	338	64	8 530	29	210	
Coal or coke.....	66	6	—	6	—	6	—	—	80	—	—	
Wood.....	1 547	—	—	—	11	601	51	11	553	—	2	
Other fuel.....	218	46	—	—	6	3	3	2	31	—	—	
No fuel used.....	28	—	—	—	4	5	—	—	5	—	—	
WATER HEATING FUEL												
Utility gas.....	116 591	8 935	453	585	1 933	46	10	125	13 649	186	856	
Bottled, tank, or LP gas.....	4 099	270	21	23	56	865	174	35	2 415	—	39	
Electricity.....	20 456	500	79	83	233	1 410	374	117	12 600	24	215	
Fuel oil, kerosene, etc.....	2 004	21	2	—	8	33	13	2	462	—	3	
Other.....	168	16	—	—	—	34	5	—	33	—	—	
No fuel used.....	82	19	5	—	17	56	7	3	95	—	3	
COOKING FUEL												
Utility gas.....	88 332	8 330	416	531	1 906	63	17	109	8 263	165	726	
Bottled, tank, or LP gas.....	5 329	144	33	33	39	1 297	317	61	2 966	—	98	
Electricity.....	49 473	1 270	105	127	302	1 040	227	112	17 963	45	292	
Other.....	130	10	—	—	—	38	22	—	30	—	—	
No fuel used.....	136	7	6	—	—	6	—	—	32	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	86 451	3 929	191	281	1 071	1 057	357	127	16 724	109	634	
With a mortgage.....	54 828	2 844	134	229	870	383	79	109	10 227	88	448	
Less than \$100.....	26	7	—	—	—	11	2	—	58	—	—	
\$100 to \$149.....	546	45	—	7	14	11	9	—	62	—	—	
\$150 to \$199.....	2 146	201	5	—	56	42	9	—	199	—	15	
\$200 to \$249.....	7 621	365	16	19	125	59	14	16	794	12	43	
\$250 to \$299.....	10 071	599	25	32	177	104	19	22	1 388	22	128	
\$300 to \$349.....	9 632	620	19	69	185	62	10	9	1 739	43	46	
\$350 to \$399.....	7 254	395	30	37	126	38	7	24	1 768	6	77	
\$400 to \$449.....	5 658	189	7	—	78	22	—	13	1 338	5	57	
\$450 to \$499.....	3 628	99	6	9	46	6	2	4	953	—	39	
\$500 to \$599.....	4 297	192	13	13	37	16	5	4	1 245	—	30	
\$600 to \$749.....	2 448	105	13	17	18	11	2	10	483	—	13	
\$750 or more.....	1 501	27	—	26	8	1	—	9	200	—	—	
Median.....	\$336	\$317	\$353	\$341	\$317	\$283	\$264	\$366	\$375	\$312	\$341	
Not mortgaged.....	31 623	1 085	57	52	201	674	278	18	6 497	21	186	
Less than \$50.....	58	18	—	—	—	14	—	—	1	—	1	
\$50 to \$74.....	536	36	—	—	15	28	23	2	87	—	5	
\$75 to \$99.....	2 809	107	—	7	7	116	35	—	300	—	5	
\$100 to \$149.....	14 471	486	28	18	85	255	114	1	2 157	5	44	
\$150 to \$199.....	9 260	225	15	23	81	171	77	10	2 458	4	87	
\$200 to \$249.....	2 860	159	14	4	13	67	15	3	1 016	12	29	
\$250 or more.....	1 629	54	—	—	—	23	14	2	478	—	15	
Median.....	\$143	\$139	\$176	\$154	\$147	\$133	\$136	\$169	\$163	\$206	\$169	
GROSS RENT												
Specified renter-occupied housing units	36 577	4 939	307	306	985	264	100	103	5 565	83	332	
Less than \$50.....	232	20	4	5	—	—	1	—	40	—	—	
\$50 to \$59.....	232	33	—	—	6	—	2	—	7	—	—	
\$60 to \$79.....	548	41	—	—	10	7	1	—	60	—	—	
\$80 to \$99.....	531	86	2	—	14	7	—	1	40	—	—	
\$100 to \$119.....	890	131	22	—	68	6	—	—	67	—	11	
\$120 to \$149.....	1 999	373	17	13	48	7	5	6	254	17	23	
\$150 to \$169.....	2 352	521	17	21	83	13	4	11	270	—	21	
\$170 to \$199.....	5 220	968	58	44	223	50	17	7	590	—	35	
\$200 to \$249.....	10 266	1 282	97	94	307	66	28	34	1 383	14	93	
\$250 to \$299.....	6 300	720	34	39	101	22	13	19	1 157	38	61	
\$300 to \$349.....	3 610	400	27	46	49	10	5	11	677	12	59	
\$350 to \$399.....	1 570	197	14	14	58	8	—	7	333	—	25	
\$400 to \$499.....	990	91	4	15	17	5	—	—	248	—	4	
\$500 or more.....	415	15	—	9	—	—	3	—	27	—	—	
No cash rent.....	1 422	61	3	6	11	60	20	7	412	—	—	
Median.....	\$225	\$210	\$203	\$224	\$207	\$207	\$225	\$239	\$245	\$264	\$239	
HOUSEHOLD INCOME IN 1979												
Occupied housing units	143 400	9 761	560	691	2 247	2 444	583	282	29 254	210	1 116	
Median income.....	\$18 938	\$12 710	\$11 972	\$16 109	\$15 601	\$10 443	\$4 912	\$15 263	\$18 510	\$18 879	\$17 846	
Owner-occupied housing units	105 688	4 736	243	385	1 252	2 095	470	176	22 859	117	770	
Median income.....	\$21 575	\$19 014	\$21 417	\$25 486	\$19 598	\$10 815	\$5 330	\$22 794	\$20 404	\$26 875	\$20 048	
Renter-occupied housing units	37 712	5 025	317	306	995	349	113	106	6 395	93	346	
Median income.....	\$12 380	\$8 345	\$9 177	\$11 727	\$9 272	\$8 456	\$3 806	\$11 000	\$12 469	\$16 719	\$10 761	
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	5 258	683	22	40	164	376	165	16	1 411	9	97	
Percent below poverty level.....	5.0	14.4	9.1	10.4	13.1	17.9	35.1	9.1	6.2	7.7	12.6	
Complete plumbing for exclusive use.....	5 153	679	22	40	158	343	156	16	1 354	9	97	
1.01 or more persons per room.....	166	60	—	—	36	26	7	—	65	—	19	
Lacking complete plumbing for exclusive use.....	105	4	—	—	6	33	9	—	57	—	—	
1.01 or more persons per room.....	—	—	—	—	—	6	—	—	14	—	—	
Renter-occupied housing units	6 144	1 856	114	80	320	113	72	21	1 078	27	106	
Percent below poverty level.....	16.3	36.9	36.0	26.1	32.2	32.4	63.7	19.8	16.9	29.0	30.6	
Complete plumbing for exclusive use.....	5 953	1 766	109	80	301	97	70	20	1 015	27	100	
1.01 or more persons per room.....	120	102	2	51	27	13	—	2	30	—	16	
Lacking complete plumbing for exclusive use.....	191	90	5	—	19	16	2	—	63	—	6	
1.01 or more persons per room.....	6	21	—	—	10	—	—	—	3	—	1	

¹Persons of Spanish origin may be of any race

Table 97. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

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

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	Livingston				Mackinac			Macomb				Spanish origin ¹
	Race		American Indian, Eskimo, and Aleut	Spanish origin ¹	Race		American Indian, Eskimo, and Aleut	Race		American Indian, Eskimo, and Aleut	Asian and Pacific Islander	
	White	Black			White	Black		White	Black			
Occupied housing units	31 096	18	138	158	3 431	249	224 629	2 772	611	1 473	1 633	
HOUSE HEATING FUEL												
Utility gas.....	18 488	8	87	83	746	54	201 200	2 246	520	1 356	1 430	
Bottled, tank, or LP gas.....	2 154	—	4	18	525	24	1 531	38	14	—	37	
Electricity.....	2 503	—	21	31	419	40	8 564	375	57	86	74	
Fuel oil, kerosene, etc.....	7 015	10	21	20	1 073	80	12 478	62	20	31	70	
Coal or coke.....	32	—	—	—	—	—	79	9	—	—	10	
Wood.....	878	—	5	6	663	51	502	9	—	—	—	
Other fuel.....	24	—	—	—	5	—	250	19	—	—	6	
No fuel used.....	2	—	—	—	—	—	25	14	—	—	6	
WATER HEATING FUEL												
Utility gas.....	14 633	—	66	84	504	37	191 428	2 121	453	1 361	1 331	
Bottled, tank, or LP gas.....	1 920	—	9	14	566	37	2 203	65	14	12	29	
Electricity.....	14 148	18	55	60	2 187	157	30 056	560	130	87	267	
Fuel oil, kerosene, etc.....	334	—	8	—	94	6	660	—	14	6	—	
Other.....	24	—	—	—	18	—	173	17	—	—	—	
No fuel used.....	37	—	—	—	62	12	109	9	—	7	6	
COOKING FUEL												
Utility gas.....	7 067	—	45	25	275	35	110 373	1 816	355	954	894	
Bottled, tank, or LP gas.....	1 603	—	10	14	936	68	1 636	41	7	18	3	
Electricity.....	22 332	18	83	119	2 155	146	112 408	905	249	501	730	
Other.....	33	—	—	—	42	—	93	—	—	—	—	
No fuel used.....	61	—	—	—	23	—	119	10	—	—	6	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	19 411	18	93	68	1 739	147	154 399	1 232	315	916	977	
With a mortgage.....	14 412	—	93	60	609	95	111 806	959	304	838	814	
Less than \$100.....	14	—	—	—	3	—	84	7	—	—	—	
\$100 to \$149.....	20	—	—	—	21	—	318	11	—	—	6	
\$150 to \$199.....	200	—	—	—	84	21	1 257	21	5	—	5	
\$200 to \$249.....	562	—	8	7	121	25	6 387	68	23	24	45	
\$250 to \$299.....	958	—	—	4	90	11	16 646	188	22	39	81	
\$300 to \$349.....	1 502	—	22	17	110	6	18 955	194	79	64	148	
\$350 to \$399.....	1 948	—	31	13	63	7	17 171	166	45	101	168	
\$400 to \$449.....	1 917	—	—	—	49	7	14 509	119	31	67	109	
\$450 to \$499.....	1 684	—	—	—	22	15	10 663	83	43	95	73	
\$500 to \$599.....	2 549	—	10	4	32	—	13 488	38	35	167	75	
\$600 to \$749.....	1 846	—	17	6	10	3	8 707	31	10	178	93	
\$750 or more.....	1 212	—	5	9	4	—	3 621	33	11	103	11	
Median.....	\$453	—	\$377	\$358	\$292	\$257	\$386	\$348	\$376	\$519	\$386	
Not mortgaged.....	4 999	18	—	8	1 130	52	42 593	273	11	78	163	
Less than \$50.....	18	—	—	—	38	2	39	—	—	—	—	
\$50 to \$74.....	35	—	—	—	66	5	162	—	—	—	—	
\$75 to \$99.....	153	—	—	—	210	13	687	9	—	—	5	
\$100 to \$149.....	1 432	8	—	—	485	26	7 713	75	—	19	30	
\$150 to \$199.....	1 833	10	—	2	226	4	17 151	110	6	22	52	
\$200 to \$249.....	938	—	—	6	71	2	11 231	44	5	24	28	
\$250 or more.....	590	—	—	—	34	—	5 610	35	—	13	48	
Median.....	\$171	\$152	—	\$217	\$121	\$112	\$187	\$167	\$198	\$192	\$194	
GROSS RENT												
Specified renter-occupied housing units	4 567	—	29	41	586	60	43 816	1 260	215	393	449	
Less than \$50.....	13	—	—	—	1	—	62	—	5	—	—	
\$50 to \$59.....	—	—	—	—	—	—	200	10	6	—	—	
\$60 to \$79.....	7	—	—	—	11	—	469	17	—	—	—	
\$80 to \$99.....	25	—	—	—	15	—	449	48	—	—	—	
\$100 to \$119.....	33	—	—	—	25	—	438	49	—	—	7	
\$120 to \$149.....	132	—	—	—	54	8	989	51	—	8	15	
\$150 to \$169.....	126	—	—	—	60	4	698	30	23	3	—	
\$170 to \$199.....	239	—	—	—	89	11	1 769	87	—	33	14	
\$200 to \$249.....	725	—	—	3	142	17	6 907	250	39	45	70	
\$250 to \$299.....	983	—	22	12	60	6	11 846	272	47	136	107	
\$300 to \$349.....	951	—	2	17	27	4	10 261	215	31	86	115	
\$350 to \$399.....	515	—	5	9	—	—	3 953	106	22	54	39	
\$400 to \$499.....	307	—	—	—	2	—	2 534	61	31	20	45	
\$500 or more.....	166	—	—	—	6	—	1 347	12	—	8	4	
No cash rent.....	345	—	—	—	94	10	1 894	52	11	—	33	
Median.....	\$292	—	\$286	\$316	\$196	\$204	\$289	\$260	\$284	\$290	\$298	
HOUSEHOLD INCOME IN 1979												
Occupied housing units	31 096	18	138	158	3 431	249	224 629	2 772	611	1 473	1 633	
Median income.....	\$24 419	\$4 375	\$20 000	\$21 625	\$12 658	\$11 360	\$24 283	\$17 305	\$20 698	\$26 478	\$21 928	
Owner-occupied housing units	25 997	18	106	116	2 759	182	179 449	1 414	382	1 067	1 168	
Median income.....	\$26 339	\$4 375	\$21 346	\$22 000	\$13 331	\$15 104	\$26 582	\$20 923	\$22 302	\$31 411	\$25 081	
Renter-occupied housing units	5 099	—	32	42	672	67	45 180	1 358	229	406	465	
Median income.....	\$14 981	—	\$9 038	\$18 125	\$10 208	\$8 687	\$15 522	\$12 263	\$14 526	\$17 273	\$13 859	
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	1 053	10	8	—	321	25	6 887	186	21	13	99	
Percent below poverty level.....	4.1	55.6	7.5	—	11.6	13.7	3.8	13.2	5.5	1.2	8.5	
Complete plumbing for exclusive use.....	1 041	10	8	—	283	25	6 807	180	21	13	93	
1.01 or more persons per room.....	33	—	—	—	7	3	208	23	8	—	6	
Lacking complete plumbing for exclusive use.....	12	—	—	—	38	—	80	6	—	—	6	
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	
Renter-occupied housing units	677	—	8	8	127	29	5 285	360	35	37	112	
Percent below poverty level.....	13.3	—	25.0	19.0	18.9	43.3	11.7	26.5	15.3	9.1	24.1	
Complete plumbing for exclusive use.....	656	—	8	8	108	23	5 173	360	35	37	112	
1.01 or more persons per room.....	29	—	—	—	3	6	178	15	—	13	11	
Lacking complete plumbing for exclusive use.....	21	—	—	—	19	6	112	—	—	—	—	
1.01 or more persons per room.....	1	—	—	—	—	—	5	—	—	—	—	

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Marquette				Mecosta		Midland			Monroe			
	Race			Spanish origin ¹	Race		Race			Spanish origin ¹	Race		Spanish origin ¹
	White	Black	American Indian, Eskimo, and Aleut		White	Black	White	Black	Asian and Pacific Islander		White	Black	
	White	Black	American Indian, Eskimo, and Aleut	Spanish origin ¹	White	Black	White	Black	Asian and Pacific Islander	Spanish origin ¹	White	Black	Spanish origin ¹
Occupied housing units	24 004	223	170	118	10 881	152	23 957	181	183	233	42 094	721	367
HOUSE HEATING FUEL													
Utility gas	10 821	40	85	33	5 128	104	15 716	144	156	184	27 392	322	194
Bottled, tank, or LP gas	1 639	26	12	7	1 937	14	1 823	7	—	5	4 136	230	46
Electricity	2 316	30	12	7	665	—	873	23	14	20	2 298	79	50
Fuel oil, kerosene, etc.	8 097	127	58	69	2 176	21	4 379	4	13	19	7 419	79	77
Coal or coke	19	—	—	—	—	—	30	—	—	—	139	11	—
Wood	1 105	—	3	2	954	13	1 089	3	—	5	651	—	—
Other fuel	7	—	—	—	19	—	28	—	—	—	46	—	—
No fuel used	—	—	—	—	2	—	19	—	—	—	13	—	—
WATER HEATING FUEL													
Utility gas	9 140	39	44	33	4 257	73	13 807	130	161	174	22 586	291	171
Bottled, tank, or LP gas	1 939	18	10	7	1 690	17	1 413	12	—	2	3 519	195	45
Electricity	10 261	156	92	69	4 552	60	8 423	31	22	55	15 560	213	146
Fuel oil, kerosene, etc.	2 294	10	21	9	245	2	153	—	—	2	249	12	—
Other	204	—	—	—	74	—	54	5	—	—	49	—	—
No fuel used	166	—	3	—	63	—	107	3	—	—	131	10	5
COOKING FUEL													
Utility gas	3 440	8	13	12	3 363	63	4 945	55	23	53	11 784	251	118
Bottled, tank, or LP gas	2 538	31	24	7	2 372	35	2 381	7	—	2	2 622	187	65
Electricity	17 814	179	133	99	5 073	54	16 569	119	160	178	27 576	277	184
Other	175	—	—	—	69	—	32	—	—	—	67	—	—
No fuel used	37	5	—	—	4	—	30	—	—	—	45	6	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	11 931	13	55	9	4 338	27	14 353	63	104	126	25 976	330	197
With a mortgage	6 523	13	40	9	2 352	23	9 746	55	97	113	16 299	224	138
Less than \$100	9	—	—	—	16	—	2	—	—	—	23	—	—
\$100 to \$149	12	—	—	—	52	—	65	—	—	—	123	7	2
\$150 to \$199	173	—	5	—	131	—	216	—	—	—	267	6	7
\$200 to \$249	439	—	—	—	282	9	896	—	5	5	1 005	24	7
\$250 to \$299	947	—	17	4	353	7	1 324	1	—	22	2 085	21	25
\$300 to \$349	950	—	2	—	439	—	1 289	10	—	12	2 389	33	25
\$350 to \$399	1 176	—	7	5	308	5	1 350	13	7	24	2 486	58	17
\$400 to \$449	796	—	7	—	289	—	1 139	—	7	3	2 407	17	4
\$450 to \$499	770	—	—	—	204	—	844	2	6	24	1 734	13	10
\$500 to \$599	708	13	2	—	145	—	1 086	5	20	10	2 040	19	29
\$600 to \$749	416	—	—	—	95	2	950	24	24	13	1 183	13	6
\$750 or more	127	—	—	—	38	—	585	—	28	—	557	13	6
Median	\$381	\$525	\$294	\$355	\$339	\$268	\$390	\$515	\$629	\$386	\$395	\$368	\$359
Not mortgaged	5 408	—	15	—	1 986	4	4 607	8	7	13	9 677	106	59
Less than \$50	47	—	—	—	16	—	7	—	—	—	19	6	—
\$50 to \$74	99	—	1	—	126	—	96	—	—	2	51	—	—
\$75 to \$99	267	—	—	—	275	—	411	2	—	—	368	—	8
\$100 to \$149	1 714	—	2	—	807	1	1 863	—	5	9	2 662	14	17
\$150 to \$199	1 853	—	5	—	530	3	1 478	—	2	2	3 761	44	27
\$200 to \$249	1 016	—	7	—	183	—	458	—	—	—	1 893	11	5
\$250 or more	412	—	—	—	49	—	294	6	—	—	923	31	2
Median	\$164	—	\$197	—	\$134	\$183	\$148	\$333	\$142	\$113	\$172	\$189	\$155
GROSS RENT													
Specified renter-occupied housing units	8 211	182	97	83	2 746	87	4 689	100	67	94	7 993	251	119
Less than \$50	17	—	—	—	55	—	25	—	—	—	73	10	—
\$50 to \$59	53	—	—	—	33	—	27	—	—	—	76	—	5
\$60 to \$79	307	—	10	—	47	—	144	—	—	—	134	11	9
\$80 to \$99	203	—	—	—	21	2	105	—	—	—	102	—	7
\$100 to \$119	206	—	—	—	75	—	58	—	—	—	170	13	—
\$120 to \$149	283	—	7	—	352	9	139	—	—	—	229	19	—
\$150 to \$169	332	7	8	—	278	10	137	—	—	—	286	13	13
\$170 to \$199	986	42	7	16	332	18	371	—	—	12	853	24	17
\$200 to \$249	1 835	35	32	9	507	26	1 017	39	6	20	1 720	50	33
\$250 to \$299	1 366	23	17	11	429	15	970	27	16	13	1 885	65	15
\$300 to \$349	702	3	6	7	194	5	641	23	27	24	995	14	2
\$350 to \$399	274	—	—	—	76	—	440	6	7	—	478	8	3
\$400 to \$499	251	—	—	—	80	—	263	5	11	3	474	13	—
\$500 or more	97	—	—	—	59	—	99	—	—	22	134	3	12
No cash rent	1 299	72	10	38	208	2	253	—	—	—	384	8	3
Median	\$228	\$215	\$214	\$218	\$207	\$207	\$259	\$267	\$321	\$304	\$254	\$226	\$212
HOUSEHOLD INCOME IN 1979													
Occupied housing units	24 004	223	170	118	10 881	152	23 957	181	183	233	42 094	721	367
Median income	\$16 553	\$10 417	\$10 417	\$11 452	\$13 106	\$10 667	\$21 502	\$22 083	\$34 239	\$21 094	\$21 336	\$15 885	\$17 768
Owner-occupied housing units	15 588	31	73	35	7 833	65	18 998	78	116	133	33 334	447	241
Median income	\$20 616	\$11 250	\$17 950	\$22 250	\$15 981	\$15 208	\$23 560	\$30 000	\$38 750	\$22 371	\$23 297	\$21 250	\$21 397
Renter-occupied housing units	8 416	192	97	83	3 048	87	4 959	103	67	100	8 760	274	126
Median income	\$10 717	\$10 000	\$8 682	\$10 750	\$8 869	\$6 679	\$11 975	\$19 432	\$24 432	\$17 917	\$12 729	\$13 819	\$7 604
INCOME IN 1979 BELOW POVERTY LEVEL													
Owner-occupied housing units	945	7	4	—	778	8	1 146	2	5	10	1 615	65	9
Percent below poverty level	6.1	22.6	5.5	—	9.9	12.3	6.0	2.6	4.3	7.5	4.8	14.5	3.7
Complete plumbing for exclusive use	877	7	3	—	726	8	1 094	2	5	10	1 553	59	6
1.01 or more persons per room	24	—	3	—	41	—	70	—	—	—	80	—	6
Lacking complete plumbing for exclusive use	68	—	1	—	52	—	52	—	—	—	62	6	3
1.01 or more persons per room	8	—	—	—	—	—	4	—	—	—	13	—	3
Renter-occupied housing units	1 860	36	32	9	1 151	47	1 037	7	15	—	1 626	61	47
Percent below poverty level	22.1	18.8	33.0	10.8	37.8	54.0	20.9	6.8	22.4	—	18.6	22.3	37.3
Complete plumbing for exclusive use	1 770	36	29	9	1 073	47	996	7	15	—	1 523	50	47
1.01 or more persons per room	19	—	—	—	69	17	39	—	—	—	97	4	—
Lacking complete plumbing for exclusive use	90	—	3	—	78	—	41	—	—	—	103	11	—
1.01 or more persons per room	4	—	—	—	4	—	—	—	—	—	6	4	—

¹Persons of Spanish origin may be of any race.

Table 97. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Muskegon				Newaygo			Oakland					
	Montcalm	Race			Spanish origin ¹	Race		Spanish origin ¹	Race				Spanish origin ¹
		White	Black	American Indian, Eskimo, and Aleut		White	Black		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	
Occupied housing units	137	48 122	5 651	285	755	11 785	211	147	334 587	14 761	1 075	3 516	3 702
HOUSE HEATING FUEL													
Utility gas	79	39 000	5 220	222	615	3 416	4	34	288 130	12 436	867	3 126	3 163
Bottled, tank, or LP gas	4	1 635	96	16	28	2 428	80	49	3 214	150	15	23	60
Electricity	6	1 445	201	12	49	380	6	5	13 212	1 461	63	233	222
Fuel oil, kerosene, etc	37	4 923	81	23	45	4 062	93	48	28 496	611	109	123	222
Coal or coke	—	34	—	—	—	36	—	—	61	18	—	—	6
Other fuel	9	1 051	14	12	18	1 447	28	11	1 145	—	21	4	3
No fuel used	2	23	39	—	—	10	—	—	234	42	—	7	17
		11	—	—	—	6	—	—	95	43	—	—	9
WATER HEATING FUEL													
Utility gas	54	36 122	5 088	220	619	2 602	4	33	259 678	12 161	717	3 069	3 032
Bottled, tank, or LP gas	8	1 774	158	11	21	2 187	96	38	4 000	442	27	41	101
Electricity	69	9 759	373	51	112	6 516	107	74	68 832	2 073	324	362	537
Fuel oil, kerosene, etc	4	309	7	3	3	301	2	—	1 804	37	—	34	21
Other	2	64	19	—	—	77	—	—	95	23	7	—	—
No fuel used	—	94	6	—	—	102	2	2	178	25	—	10	11
COOKING FUEL													
Utility gas	45	24 683	4 622	185	518	1 499	4	24	108 802	8 327	539	1 105	1 898
Bottled, tank, or LP gas	30	2 361	95	30	25	3 659	137	87	2 612	146	9	6	70
Electricity	60	20 970	907	70	209	6 533	61	32	222 941	6 259	527	2 401	1 734
Other	2	59	8	—	3	90	—	—	99	11	—	4	—
No fuel used	—	49	19	—	—	4	—	2	133	18	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	52	30 605	2 972	169	389	5 271	96	53	214 112	7 319	534	2 118	2 062
With a mortgage	32	16 228	1 891	102	247	2 502	16	34	159 745	5 924	423	1 966	1 675
Less than \$100	—	37	15	—	—	6	—	—	60	6	—	8	8
\$100 to \$149	—	266	61	6	—	62	—	—	389	34	—	6	22
\$150 to \$199	—	1 406	304	20	19	158	—	2	1 937	143	5	—	38
\$200 to \$249	5	3 015	469	11	92	391	—	4	7 375	547	26	31	43
\$250 to \$299	4	3 052	429	26	56	527	2	9	15 449	742	39	49	207
\$300 to \$349	13	2 624	299	24	42	448	2	2	20 233	767	73	75	285
\$350 to \$399	2	1 963	143	2	21	306	2	3	19 584	540	86	69	245
\$400 to \$449	4	1 272	87	13	10	211	4	3	17 226	675	48	140	136
\$450 to \$499	2	783	32	—	7	147	4	—	14 506	455	36	109	137
\$500 to \$599	—	937	17	—	—	150	2	11	22 806	651	58	252	215
\$600 to \$749	2	548	23	—	—	65	—	—	19 644	574	31	370	153
\$750 or more	—	325	12	—	—	31	—	—	20 536	790	21	857	186
Median	\$327	\$306	\$261	\$277	\$261	\$312	\$425	\$350	\$443	\$414	\$390	\$699	\$398
Not mortgaged	20	14 377	1 081	67	142	2 769	80	19	54 367	1 395	111	152	387
Less than \$50	—	28	6	—	—	30	—	—	43	25	—	—	—
\$50 to \$74	—	512	16	—	—	122	1	—	265	11	7	—	17
\$75 to \$99	—	1 980	62	6	29	333	12	3	1 063	38	5	7	5
\$100 to \$149	18	6 594	448	58	62	1 345	29	6	11 882	449	36	41	112
\$150 to \$199	2	3 732	368	3	33	665	17	4	18 457	424	41	59	110
\$200 to \$249	—	963	128	—	13	192	13	6	11 261	253	22	17	56
\$250 or more	—	568	53	—	5	82	4	—	11 396	195	—	28	87
Median	\$114	\$135	\$151	\$120	\$136	\$133	\$139	\$153	\$187	\$172	\$157	\$165	\$176
GROSS RENT													
Specified renter-occupied housing units	41	10 300	2 302	78	269	1 437	28	43	80 352	6 092	368	1 040	1 153
Less than \$50	—	88	—	—	—	2	—	—	200	75	—	—	—
\$50 to \$59	—	104	20	—	12	15	—	—	334	177	—	—	6
\$60 to \$79	—	389	21	—	7	4	—	—	949	139	6	6	14
\$80 to \$99	5	222	40	—	—	35	—	—	650	104	—	6	22
\$100 to \$119	—	334	79	1	6	40	—	—	735	128	—	5	13
\$120 to \$149	6	763	100	8	15	90	—	3	1 277	220	11	4	38
\$150 to \$169	7	734	221	—	31	103	5	2	1 655	178	8	21	32
\$170 to \$199	3	1 578	543	—	42	180	4	—	2 478	272	12	34	75
\$200 to \$249	5	2 767	671	30	58	403	2	12	7 989	973	91	66	143
\$250 to \$299	4	1 401	316	32	24	213	2	10	14 329	1 051	78	247	216
\$300 to \$349	7	816	190	5	35	133	3	—	18 119	945	73	205	211
\$350 to \$399	2	389	48	—	13	19	—	—	11 384	757	38	115	176
\$400 to \$499	—	161	18	—	23	23	2	—	11 833	730	35	194	123
\$500 or more	—	31	—	—	—	1	1	—	5 991	242	16	110	69
No cash rent	2	523	35	2	3	176	9	16	2 429	101	—	27	15
Median	\$178	\$212	\$209	\$249	\$214	\$220	\$231	\$232	\$323	\$286	\$281	\$329	\$302
HOUSEHOLD INCOME IN 1979													
Occupied housing units	137	48 122	5 651	285	755	11 785	211	147	334 587	14 761	1 075	3 516	3 702
Median income	\$17 019	\$16 765	\$10 220	\$11 741	\$14 614	\$14 339	\$6 991	\$14 609	\$25 403	\$21 062	\$19 382	\$32 874	\$23 345
Owner-occupied housing units	87	37 354	3 337	205	476	9 930	176	104	252 010	8 274	690	2 450	2 502
Median income	\$18 456	\$18 830	\$13 636	\$14 509	\$17 594	\$15 516	\$6 957	\$17 000	\$28 841	\$27 249	\$22 040	\$40 568	\$27 269
Renter-occupied housing units	50	10 768	2 314	80	279	1 855	35	43	82 577	6 487	385	1 066	1 200
Median income	\$9 375	\$10 384	\$6 912	\$5 530	\$9 880	\$9 432	\$7 188	\$10 938	\$16 512	\$14 147	\$11 875	\$19 709	\$14 302
INCOME IN 1979 BELOW POVERTY LEVEL													
Owner-occupied housing units	15	2 437	575	18	78	1 149	66	15	8 763	689	79	59	135
Percent below poverty level	17.2	6.5	17.2	8.8	16.4	11.6	37.5	14.4	3.5	8.3	11.4	2.4	5.4
Complete plumbing for exclusive use	15	2 400	571	18	78	1 077	60	15	8 696	682	79	59	135
1.01 or more persons per room	5	137	78	2	5	78	2	2	269	74	14	4	6
Lacking complete plumbing for exclusive use	—	37	4	—	—	72	6	—	67	7	—	—	—
1.01 or more persons per room	—	—	—	—	—	3	—	—	—	—	—	—	—
Renter-occupied housing units	18	2 517	1 117	55	82	522	16	11	9 091	1 731	91	130	310
Percent below poverty level	36.0	23.4	48.3	68.8	29.4	28.1	45.7	25.6	11.0	26.7	23.6	12.2	25.8
Complete plumbing for exclusive use	11	2 461	1 095	55	82	472	16	9	8 940	1 677	91	120	304
1.01 or more persons per room	2	100	149	5	15	42	2	6	375	187	5	26	21
Lacking complete plumbing for exclusive use	7	56	22	—	—	50	—	2	151	54	—	10	6
1.01 or more persons per room	5	5	—	—	—	—	—	—	18	13	—	—	—

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Oceano					Ottawa					Saginaw				
	Spanish origin ¹	Race				Spanish origin ¹	Race				Spanish origin ¹				
		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander		White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander					
Occupied housing units	185	49 481	150	126	217	1 092	62 895	10 881	246	213	3 165				
HOUSE HEATING FUEL															
Utility gas.....	67	38 040	85	92	190	937	47 002	8 991	171	197	2 660				
Bottled, tank, or LP gas.....	40	1 221	6	4	2	33	2 244	129	15	—	49				
Electricity.....	10	1 298	34	—	25	51	2 766	1 250	7	11	175				
Fuel oil, kerosene, etc.....	44	7 708	19	28	—	44	9 594	457	46	5	269				
Coal or coke.....	—	93	—	—	—	—	135	—	—	—	7				
Wood.....	21	1 060	—	2	—	—	1 083	19	2	—	—				
Other fuel.....	—	59	—	—	—	—	16	27	5	—	5				
No fuel used.....	3	2	6	—	—	15	20	8	—	—	—				
WATER HEATING FUEL															
Utility gas.....	34	33 372	71	67	180	815	42 298	9 164	178	171	2 545				
Bottled, tank, or LP gas.....	46	1 657	16	7	7	26	2 044	417	12	—	74				
Electricity.....	95	13 551	57	52	30	249	17 905	1 192	56	42	524				
Fuel oil, kerosene, etc.....	6	764	—	—	—	2	431	59	—	—	20				
Other.....	—	76	—	—	—	—	53	15	—	—	—				
No fuel used.....	4	61	6	—	—	—	164	34	—	—	2				
COOKING FUEL															
Utility gas.....	45	15 769	38	38	83	569	23 203	8 285	153	66	2 335				
Bottled, tank, or LP gas.....	91	1 779	21	21	—	40	2 929	141	23	—	91				
Electricity.....	49	31 834	78	67	134	479	36 630	2 422	70	147	739				
Other.....	—	52	—	—	—	—	95	8	—	—	—				
No fuel used.....	—	47	13	—	—	—	38	25	—	—	—				
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS															
Specified owner-occupied housing units	47	31 769	45	70	113	530	40 325	5 179	119	138	1 819				
With a mortgage.....	22	20 577	30	57	89	458	24 134	3 850	103	116	1 297				
Less than \$100.....	—	11	—	—	—	—	32	9	—	—	8				
\$100 to \$149.....	2	118	—	—	—	5	113	70	4	—	15				
\$150 to \$199.....	—	592	2	11	—	7	656	249	6	—	74				
\$200 to \$249.....	4	2 140	—	22	5	86	2 206	547	6	7	192				
\$250 to \$299.....	2	3 453	—	10	7	116	3 719	861	25	7	255				
\$300 to \$349.....	7	3 934	6	8	11	99	4 026	909	15	—	298				
\$350 to \$399.....	2	3 348	4	—	—	71	3 777	471	14	12	182				
\$400 to \$449.....	—	2 328	4	—	6	38	2 554	314	7	16	116				
\$450 to \$499.....	2	1 467	—	—	6	17	2 251	119	13	14	50				
\$500 to \$599.....	—	1 719	9	6	25	19	2 475	194	13	26	34				
\$600 to \$749.....	3	952	5	—	15	—	1 611	92	—	26	66				
\$750 or more.....	—	515	—	—	14	—	714	15	—	8	7				
Median.....	\$321	\$351	\$438	\$240	\$537	\$308	\$367	\$310	\$335	\$505	\$318				
Not mortgaged.....	25	11 192	15	13	24	72	16 191	1 329	16	22	522				
Less than \$50.....	—	6	2	—	—	—	54	10	—	—	3				
\$50 to \$74.....	—	129	—	—	—	—	147	38	—	—	17				
\$75 to \$99.....	2	630	—	4	—	5	867	102	—	—	37				
\$100 to \$149.....	12	5 091	2	2	12	25	5 315	414	8	11	242				
\$150 to \$199.....	11	3 777	9	7	10	34	5 752	411	4	11	167				
\$200 to \$249.....	—	1 113	2	—	2	8	2 644	218	—	—	56				
\$250 or more.....	—	446	—	—	—	—	1 412	136	4	—	—				
Median.....	\$144	\$148	\$185	\$153	\$150	\$158	\$164	\$161	\$150	\$150	\$138				
GROSS RENT															
Specified renter-occupied housing units	70	7 892	77	44	89	447	13 082	4 822	101	58	1 010				
Less than \$50.....	—	8	—	—	—	—	87	36	—	—	13				
\$50 to \$59.....	—	12	—	—	—	—	123	72	—	—	10				
\$60 to \$79.....	—	62	—	—	—	—	303	57	—	—	—				
\$80 to \$99.....	—	102	13	—	—	—	147	94	—	—	22				
\$100 to \$119.....	4	146	7	—	—	8	276	119	—	—	23				
\$120 to \$149.....	—	412	7	10	—	14	520	220	—	—	36				
\$150 to \$169.....	3	419	—	—	—	6	526	198	5	—	49				
\$170 to \$199.....	5	752	—	4	11	39	1 010	478	8	6	108				
\$200 to \$249.....	26	1 900	5	4	33	96	2 794	1 122	31	22	243				
\$250 to \$299.....	7	1 661	13	18	21	125	3 199	1 056	29	16	222				
\$300 to \$349.....	7	1 089	26	—	17	57	1 913	717	15	6	143				
\$350 to \$399.....	—	502	—	—	—	5	933	375	—	5	61				
\$400 to \$499.....	3	241	—	—	3	9	571	193	13	—	46				
\$500 or more.....	—	67	—	6	—	2	96	31	—	—	6				
No cash rent.....	15	519	6	2	4	86	584	54	—	3	28				
Median.....	\$230	\$247	\$282	\$256	\$248	\$256	\$257	\$249	\$268	\$249	\$247				
HOUSEHOLD INCOME IN 1979															
Occupied housing units	185	49 481	150	126	217	1 092	62 895	10 881	246	213	3 165				
Median income.....	\$11 012	\$20 304	\$10 909	\$10 357	\$20 873	\$15 768	\$20 632	\$14 163	\$14 018	\$27 574	\$17 018				
Owner-occupied housing units.....	102	40 964	73	74	122	611	49 074	5 857	137	149	2 102				
Median income.....	\$15 139	\$21 789	\$13 750	\$16 500	\$24 306	\$19 627	\$22 935	\$19 784	\$21 875	\$33 289	\$20 598				
Renter-occupied housing units.....	83	8 517	77	52	95	481	13 821	5 024	109	64	1 063				
Median income.....	\$7 386	\$13 032	\$9 464	\$9 038	\$9 632	\$11 693	\$12 000	\$7 521	\$9 028	\$8 929	\$8 417				
INCOME IN 1979 BELOW POVERTY LEVEL															
Owner-occupied housing units	29	1 803	16	18	—	40	2 836	889	13	6	290				
Percent below poverty level.....	28.4	4.4	21.9	24.3	—	6.5	5.8	15.2	9.5	4.0	13.8				
Complete plumbing for exclusive use.....	27	1 757	16	18	—	40	2 762	872	13	6	290				
1.01 or more persons per room.....	15	37	—	2	—	5	113	116	4	—	50				
Lacking complete plumbing for exclusive use.....	2	46	—	—	—	—	74	17	—	—	—				
1.01 or more persons per room.....	—	2	—	—	—	—	5	6	—	—	—				
Renter-occupied housing units	44	1 401	47	14	33	135	2 725	2 349	56	28	476				
Percent below poverty level.....	53.0	16.4	61.0	26.9	34.7	28.1	19.7	46.8	51.4	43.8	44.8				
Complete plumbing for exclusive use.....	39	1 356	41	14	33	123	2 666	2 295	49	28	463				
1.01 or more persons per room.....	17	91	7	—	11	66	118	205	—	6	88				
Lacking complete plumbing for exclusive use.....	5	45	6	—	—	12	59	54	7	—	13				
1.01 or more persons per room.....	3	—	6	—	—	12	2	9	—	—	—				

¹Persons of Spanish origin may be of any race.

Table 97. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

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

**Counties
[400 or More of the
Specified Racial or Spanish
Origin Group]**

	St. Clair			Spanish origin ¹	St. Joseph		Spanish origin ¹	Shiawassee	Spanish origin ¹	Tuscola	Van Buren			
	Race				Race						Race			
	White	Black	American Indian, Eskimo, and Aleut		White	Black					White	Black	American Indian, Eskimo, and Aleut	Spanish origin ¹
Occupied housing units	45 946	968	166	449	19 202	479	174	155	230	21 084	1 686	158	293	
HOUSE HEATING FUEL														
Utility gas	30 984	777	134	313	10 028	339	84	116	101	8 953	706	96	154	
Bottled, tank, or LP gas	2 645	24	2	39	1 995	50	11	5	26	2 233	281	12	58	
Electricity	2 989	38	9	39	1 715	21	18	6	12	2 221	121	12	30	
Fuel oil, kerosene, etc	7 810	110	15	43	4 405	61	59	22	80	6 441	521	36	44	
Coal or coke	108	6	—	6	32	—	—	—	—	27	3	—	—	
Wood	1 345	7	6	9	997	8	2	6	6	1 144	46	2	3	
Other fuel	59	6	—	—	15	—	—	—	5	38	8	—	—	
No fuel used	6	—	—	—	15	—	—	—	—	27	—	—	4	
WATER HEATING FUEL														
Utility gas	25 492	662	92	263	7 755	301	56	102	89	7 606	621	61	123	
Bottled, tank, or LP gas	2 384	48	5	37	1 826	34	7	10	37	2 282	189	15	22	
Electricity	17 426	237	53	130	9 296	131	111	36	88	10 518	827	80	119	
Fuel oil, kerosene, etc	403	7	16	1	233	13	—	7	16	531	32	—	11	
Other	89	11	—	10	26	—	—	—	—	56	4	2	—	
No fuel used	152	3	—	8	66	—	—	—	—	91	13	—	18	
COOKING FUEL														
Utility gas	14 707	573	59	204	4 862	294	58	87	77	5 658	581	74	129	
Bottled, tank, or LP gas	2 522	49	10	40	3 073	63	35	13	65	4 678	596	43	93	
Electricity	28 517	333	97	200	11 180	122	81	55	88	10 667	502	31	69	
Other	125	7	—	5	79	—	—	—	—	64	7	2	—	
No fuel used	75	6	—	—	8	—	—	—	—	17	—	8	2	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	27 143	407	86	181	10 811	277	84	81	107	9 959	573	57	101	
With a mortgage	16 133	234	75	123	6 229	130	54	50	75	5 570	304	44	63	
Less than \$100	34	—	—	—	—	—	—	—	—	13	5	—	—	
\$100 to \$149	94	8	—	—	70	—	4	—	—	71	—	—	3	
\$150 to \$199	377	—	—	19	237	4	—	9	—	220	15	8	—	
\$200 to \$249	1 549	54	13	31	968	3	13	4	8	656	27	2	4	
\$250 to \$299	2 704	54	8	14	1 117	57	12	13	17	1 015	53	9	25	
\$300 to \$349	2 776	36	16	13	1 250	23	13	3	23	1 191	76	6	11	
\$350 to \$399	2 474	26	12	14	884	35	2	16	13	789	48	6	6	
\$400 to \$449	1 804	7	14	4	555	4	4	2	8	561	29	3	3	
\$450 to \$499	1 421	27	—	10	402	2	2	3	—	362	37	4	—	
\$500 to \$599	1 525	14	—	17	441	2	2	—	4	449	6	10	11	
\$600 to \$749	906	6	12	1	219	—	2	—	2	186	8	2	—	
\$750 or more	469	2	—	—	86	—	—	—	—	57	—	—	—	
Median	\$361	\$301	\$352	\$291	\$329	\$302	\$292	\$296	\$327	\$334	\$334	\$325	\$299	
Not mortgaged	11 010	173	11	58	4 582	147	30	31	32	4 389	269	13	38	
Less than \$50	7	—	—	—	19	—	—	—	—	29	—	—	—	
\$50 to \$74	80	—	—	—	88	—	—	—	—	151	6	—	—	
\$75 to \$99	658	21	—	2	424	5	4	—	7	519	35	—	—	
\$100 to \$149	3 707	37	—	25	2 107	81	14	17	23	1 901	125	6	18	
\$150 to \$199	4 123	53	6	19	1 414	28	5	6	2	1 283	70	7	7	
\$200 to \$249	1 587	42	5	12	349	14	7	8	—	370	19	—	9	
\$250 or more	848	20	—	—	181	19	—	—	—	136	14	—	4	
Median	\$161	\$176	\$198	\$154	\$142	\$146	\$144	\$147	\$128	\$140	\$142	\$152	\$156	
GROSS RENT														
Specified renter-occupied housing units	8 994	435	54	191	3 769	142	42	54	72	3 889	445	63	104	
Less than \$50	28	—	8	—	—	—	—	—	—	14	2	—	2	
\$50 to \$59	83	22	—	—	47	—	—	—	—	31	—	—	—	
\$60 to \$79	124	28	—	—	77	17	—	—	—	54	6	—	2	
\$80 to \$99	163	—	—	—	41	—	—	—	7	85	8	—	—	
\$100 to \$119	155	21	6	—	111	9	3	—	—	126	3	—	—	
\$120 to \$149	263	49	—	21	210	9	6	—	—	257	31	—	4	
\$150 to \$169	478	24	—	12	253	11	5	—	9	326	42	8	9	
\$170 to \$199	882	45	7	15	476	26	6	5	14	565	54	14	18	
\$200 to \$249	2 166	74	—	39	1 005	71	3	30	5	972	125	27	25	
\$250 to \$299	1 855	90	2	59	732	50	6	7	27	629	87	—	18	
\$300 to \$349	1 246	39	7	14	327	7	2	8	2	295	29	6	4	
\$350 to \$399	605	10	24	18	103	—	2	4	6	116	12	—	10	
\$400 to \$499	389	16	—	8	71	2	3	—	1	48	21	—	—	
\$500 or more	64	—	—	5	41	—	—	—	—	11	—	—	—	
No cash rent	493	17	—	—	275	—	6	—	1	360	25	—	12	
Median	\$248	\$218	\$329	\$255	\$223	\$199	\$177	\$238	\$251	\$215	\$232	\$202	\$218	
HOUSEHOLD INCOME IN 1979														
Occupied housing units	45 946	968	166	449	19 202	479	174	155	230	21 084	1 686	158	293	
Median income	\$18 633	\$8 137	\$18 750	\$12 034	\$16 319	\$11 288	\$13 889	\$14 779	\$14 118	\$16 053	\$9 448	\$9 630	\$12 596	
Owner-occupied housing units	36 287	499	104	242	15 006	337	128	101	154	16 470	1 174	86	142	
Median income	\$20 748	\$12 083	\$21 316	\$17 308	\$18 071	\$11 602	\$16 333	\$17 159	\$19 821	\$17 872	\$11 025	\$11 833	\$14 844	
Renter-occupied housing units	9 659	469	62	207	4 196	142	46	54	76	4 614	512	72	151	
Median income	\$11 275	\$5 929	\$11 071	\$9 141	\$11 390	\$10 463	\$9 688	\$5 781	\$8 194	\$10 095	\$6 303	\$7 917	\$11 375	
INCOME IN 1979 BELOW POVERTY LEVEL														
Owner-occupied housing units	2 558	135	11	36	1 020	60	15	7	17	1 462	235	20	11	
Percent below poverty level	7.0	27.1	10.6	14.9	6.8	17.8	11.7	6.9	11.0	8.9	20.0	23.3	7.7	
Complete plumbing for exclusive use	2 459	122	11	36	961	59	13	7	15	1 396	235	20	9	
1.01 or more persons per room	97	4	—	6	51	—	2	—	—	69	37	3	6	
Lacking complete plumbing for exclusive use	99	13	—	—	59	1	2	—	2	66	—	—	2	
1.01 or more persons per room	—	6	—	—	12	1	—	—	—	12	—	—	—	
Renter-occupied housing units	2 274	234	34	86	772	35	20	22	18	1 045	231	26	46	
Percent below poverty level	23.5	49.9	54.8	41.5	18.4	24.6	43.5	40.7	23.7	22.6	45.1	36.1	30.5	
Complete plumbing for exclusive use	2 205	231	34	80	740	35	20	22	18	992	222	26	35	
1.01 or more persons per room	80	9	—	5	69	2	3	—	12	127	24	4	10	
Lacking complete plumbing for exclusive use	69	3	—	—	32	—	—	—	—	53	9	—	7	
1.01 or more persons per room	5	—	—	—	—	—	—	—	—	8	—	—	—	

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

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

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Washtenaw					Wayne				
	Race					Race				
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	81 501	8 997	294	1 777	1 109	537 645	273 936	2 684	5 269	13 096
HOUSE HEATING FUEL										
Utility gas	62 781	7 459	247	1 573	834	504 714	250 868	2 518	4 816	12 177
Bottled, tank, or LP gas	2 063	185	—	11	40	2 457	3 388	16	46	196
Electricity	4 897	981	14	94	154	12 848	12 234	86	305	482
Fuel oil, kerosene, etc	10 889	217	26	91	81	15 478	4 412	47	63	157
Coal or coke	65	—	—	—	—	624	1 145	5	9	22
Wood	557	—	—	—	—	352	94	—	—	34
Other fuel	243	124	7	8	—	1 073	1 461	5	23	—
No fuel used	6	31	—	—	—	99	334	7	7	28
WATER HEATING FUEL										
Utility gas	56 294	7 293	235	1 449	840	492 351	244 084	2 471	4 627	12 028
Bottled, tank, or LP gas	1 959	243	—	24	35	4 504	8 855	18	94	331
Electricity	22 199	1 393	59	237	221	38 781	18 830	188	485	667
Fuel oil, kerosene, etc	856	31	—	51	13	932	429	—	15	16
Other	105	10	—	8	—	742	1 241	7	41	14
No fuel used	88	27	—	8	—	335	497	—	7	40
COOKING FUEL										
Utility gas	25 823	4 971	106	874	561	315 692	219 051	2 007	3 333	10 277
Bottled, tank, or LP gas	1 734	128	2	—	31	2 684	2 733	7	29	150
Electricity	53 755	3 869	179	903	517	218 372	51 373	656	1 890	2 623
Other	66	—	—	—	—	207	125	7	7	7
No fuel used	123	29	7	—	—	690	654	7	10	39
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	35 605	2 769	120	587	295	351 828	120 223	1 184	2 311	6 140
With a mortgage	25 992	2 227	99	549	280	212 980	90 473	866	1 811	4 290
Less than \$100	27	—	—	—	—	253	270	—	6	19
\$100 to \$149	30	—	—	—	—	1 430	1 398	19	4	22
\$150 to \$199	147	43	—	—	5	5 218	3 964	10	8	195
\$200 to \$249	887	155	—	7	7	22 106	9 980	90	75	541
\$250 to \$299	1 815	250	5	22	29	37 723	17 308	139	154	820
\$300 to \$349	2 670	301	11	31	23	38 561	20 528	222	202	1 009
\$350 to \$399	3 163	315	21	15	30	29 935	17 126	156	231	601
\$400 to \$449	3 127	271	14	37	22	21 582	9 821	67	151	373
\$450 to \$499	2 789	260	10	35	17	15 939	5 095	66	141	218
\$500 to \$599	4 741	264	16	35	51	19 006	3 414	59	215	219
\$600 to \$749	3 703	201	3	157	31	13 018	1 034	24	296	174
\$750 or more	2 893	167	19	156	65	8 209	535	14	328	99
Median	\$470	\$409	\$445	\$621	\$509	\$352	\$330	\$339	\$476	\$327
Not mortgaged	9 613	542	21	38	15	138 848	29 750	318	500	1 850
Less than \$50	—	11	—	—	—	216	151	—	—	7
\$50 to \$74	12	—	—	—	—	1 238	226	—	5	—
\$75 to \$99	194	15	—	—	—	6 141	1 217	17	20	89
\$100 to \$149	1 345	90	6	—	—	46 233	8 010	76	168	605
\$150 to \$199	3 173	175	9	20	—	52 246	10 658	175	188	681
\$200 to \$249	2 473	81	—	2	10	20 657	5 747	23	61	311
\$250 or more	2 416	170	6	16	5	12 117	3 741	27	58	157
Median	\$202	\$195	\$188	\$199	\$238	\$163	\$173	\$162	\$161	\$162
GROSS RENT										
Specified renter-occupied housing units	34 754	5 389	153	1 061	734	138 100	126 396	1 268	2 484	5 599
Less than \$50	67	28	—	10	—	681	1 071	8	11	25
\$50 to \$59	50	74	—	4	—	1 010	2 646	—	9	14
\$60 to \$79	311	77	—	7	—	2 587	2 538	26	35	86
\$80 to \$99	263	100	15	—	—	2 715	2 181	11	102	128
\$100 to \$119	285	66	—	—	11	3 587	3 948	60	70	168
\$120 to \$149	775	161	—	32	26	8 999	10 818	122	321	500
\$150 to \$169	842	238	—	129	37	8 252	12 863	95	203	428
\$170 to \$199	1 723	249	21	144	67	12 162	16 461	122	256	635
\$200 to \$249	4 621	646	6	177	86	25 187	26 285	284	456	1 385
\$250 to \$299	7 596	1 371	57	180	197	28 130	22 641	244	380	1 079
\$300 to \$349	7 842	1 207	24	138	139	21 292	13 069	159	385	649
\$350 to \$399	3 878	629	—	76	39	9 076	6 286	64	100	237
\$400 to \$499	3 559	327	21	122	71	6 343	3 110	45	75	171
\$500 or more	2 367	170	6	31	50	2 584	488	15	13	15
No cash rent	575	46	3	11	11	5 495	1 991	13	68	79
Median	\$304	\$288	\$284	\$255	\$282	\$252	\$219	\$232	\$222	\$227
HOUSEHOLD INCOME IN 1979										
Occupied housing units	81 501	8 997	294	1 777	1 109	537 645	273 936	2 684	5 269	13 096
Median income	\$21 289	\$15 461	\$17 500	\$19 390	\$17 425	\$21 152	\$13 246	\$16 114	\$21 407	\$17 200
Owner-occupied housing units	45 484	3 291	141	685	342	397 281	144 267	1 387	2 748	7 317
Median income	\$27 915	\$24 456	\$22 440	\$31 675	\$31 923	\$24 308	\$19 505	\$21 045	\$29 906	\$22 480
Renter-occupied housing units	36 017	5 706	153	1 092	767	140 364	129 669	1 297	2 521	5 779
Median income	\$14 151	\$11 547	\$9 327	\$10 055	\$12 482	\$13 125	\$7 510	\$11 043	\$14 351	\$10 375
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	1 344	253	9	7	5	20 457	19 493	146	212	595
Percent below poverty level	3.0	7.7	6.4	1.0	1.5	5.1	13.5	10.5	7.7	8.1
Complete plumbing for exclusive use	1 320	244	9	7	5	20 303	19 168	146	212	581
1.01 or more persons per room	31	13	—	—	—	599	1 668	15	26	45
Lacking complete plumbing for exclusive use	24	9	—	—	—	154	325	—	—	14
1.01 or more persons per room	—	—	—	—	—	4	58	—	—	—
Renter-occupied housing units	6 444	1 660	33	334	176	26 198	53 908	396	613	1 927
Percent below poverty level	17.9	29.1	21.6	30.6	22.9	18.7	41.6	30.5	24.3	33.3
Complete plumbing for exclusive use	6 155	1 614	33	316	168	25 073	51 735	376	578	1 779
1.01 or more persons per room	223	186	—	76	36	1 170	3 529	8	118	156
Lacking complete plumbing for exclusive use	289	46	—	18	8	1 125	2 173	20	35	148
1.01 or more persons per room	28	15	—	—	8	51	196	5	8	21

¹Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural 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)

The State Counties	The State	Alcona	Alger	Allegan	Alpena	Antrim	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Total housing units	1 153 224	9 376	3 783	25 475	9 103	10 781	7 695	3 300	16 641	13 941	7 509	31 798
Vacant seasonal and migratory	134 814	2 726	1 133	2 871	1 464	2 351	229	816	1 406	220	2 613	2 636
Year-round housing units	1 018 410	6 650	2 650	22 604	7 639	8 430	7 466	2 484	15 235	13 721	4 896	29 162
YEAR-ROUND HOUSING UNITS												
Persons												
Total persons	2 710 808	9 740	6 142	64 912	20 101	16 194	14 706	6 088	39 363	42 067	11 205	77 527
Persons in occupied housing units	2 677 782	9 660	6 006	64 283	19 991	16 039	14 614	5 900	38 846	41 774	11 113	75 795
Per occupied housing unit	3.03	2.60	2.85	3.03	3.04	2.80	2.87	2.88	2.98	3.20	2.77	2.90
Owner-occupied housing units	2 332 143	8 465	5 259	56 603	17 922	13 642	12 869	5 000	34 514	37 845	9 278	59 626
Renter-occupied housing units	345 639	1 195	747	7 680	2 069	2 397	1 745	900	4 332	3 929	1 885	16 169
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	751 889	3 252	1 818	18 019	5 695	4 799	4 398	1 700	11 345	11 477	3 299	19 766
White	739 852	3 232	1 788	17 536	5 682	4 774	4 371	1 588	11 254	11 384	3 252	19 215
Black	6 227	...	...	273	2	...	...	...	...	...	9	415
Spanish origin ¹	4 776	12	...	248	10	6	31	...	75	58	9	106
Renter-occupied housing units	133 255	463	292	3 200	882	924	701	348	1 701	1 584	709	6 396
White	128 151	456	283	3 033	868	908	693	291	1 677	1 515	677	5 598
Black	2 353	...	...	80	10	...	...	...	...	11	6	611
Spanish origin ¹	2 100	2	...	97	2	6	6	...	36	62	9	186
Vacancy Status												
Vacant housing units	133 266	2 935	540	1 385	1 062	2 707	2 367	436	2 189	660	888	3 000
For sale only	12 299	165	50	130	123	176	71	42	99	82	94	366
Vacant less than 6 months	6 472	51	19	68	67	78	7	15	63	56	36	200
Median price asked	\$35 600	\$30 700	\$14 000	\$28 800	\$29 800	\$35 600	\$20 500	\$28 000	\$32 800	\$38 200	\$30 000	\$40 500
For rent	12 292	138	44	183	195	132	79	65	103	142	106	642
Vacant less than 2 months	4 391	13	14	63	100	32	39	25	33	54	18	345
Median rent asked	\$175	\$124	\$152	\$162	\$283	\$155	\$134	\$145	\$166	\$229	\$151	\$180
Other vacants	108 675	2 632	446	1 072	744	2 399	2 217	329	1 987	436	688	1 992
Plumbing Facilities												
Year-round housing units	1 018 410	6 650	2 650	22 604	7 639	8 430	7 466	2 484	15 235	13 721	4 896	29 162
Complete plumbing for exclusive use	986 419	5 891	2 287	22 121	7 291	8 160	7 065	2 114	14 836	13 369	4 746	28 688
Lacking complete plumbing for exclusive use	31 991	759	363	483	348	270	401	370	399	352	150	474
Complete plumbing but used by another household	2 074	8	10	36	3	16	23	8	30	17	4	131
Some but not all plumbing facilities	17 055	270	212	288	152	157	183	202	226	196	77	203
No plumbing facilities	12 862	481	141	159	193	97	195	160	143	139	69	140
Occupied housing units	885 144	3 715	2 110	21 219	6 577	5 723	5 099	2 048	13 046	13 061	4 008	26 162
Complete plumbing for exclusive use	870 247	3 613	1 909	20 887	6 464	5 622	4 928	1 883	12 818	12 836	3 958	25 843
Lacking complete plumbing for exclusive use	14 897	102	201	332	113	101	171	165	228	225	50	319
Complete plumbing but used by another household	1 754	2	6	28	3	10	23	6	30	17	4	105
Some but not all plumbing facilities	9 164	53	140	209	63	57	82	108	151	155	31	144
No plumbing facilities	3 979	47	55	95	47	34	66	51	47	53	15	70
VALUE												
Specified owner-occupied housing units	483 352	1 948	1 010	10 221	3 525	3 104	2 562	814	6 915	7 787	2 002	13 771
Less than \$10,000	14 104	82	95	281	72	143	144	91	200	170	91	270
\$10,000 to \$19,999	52 447	294	215	1 048	387	385	353	122	894	602	344	1 541
\$20,000 to \$29,999	85 534	458	229	2 078	834	671	639	198	1 596	1 270	463	2 751
\$30,000 to \$39,999	170 368	753	346	3 972	1 583	1 171	949	291	2 673	3 171	701	5 322
\$50,000 to \$99,999	142 414	343	119	2 606	634	656	456	108	1 431	2 436	363	3 523
\$100,000 to \$149,999	14 861	18	6	178	15	59	16	4	74	100	27	267
\$150,000 to \$199,999	2 717	...	...	42	...	14	2	...	31	22	13	65
\$200,000 or more	907	...	...	16	...	5	3	...	16	16	...	32
Median	\$39 800	\$32 700	\$28 100	\$37 800	\$34 800	\$35 000	\$32 300	\$29 800	\$34 500	\$41 300	\$32 100	\$37 300
CONTRACT RENT												
Specified renter-occupied housing units	106 628	373	221	2 426	753	783	563	266	1 350	1 354	582	5 326
Median	\$172	\$134	\$127	\$158	\$168	\$167	\$130	\$125	\$166	\$176	\$152	\$177
Rooms												
Year-round housing units	1 018 410	6 650	2 650	22 604	7 639	8 430	7 466	2 484	15 235	13 721	4 896	29 162
1 room	6 391	177	36	107	59	53	45	28	86	72	26	268
2 rooms	15 948	367	104	340	128	200	136	135	205	135	94	588
3 rooms	56 615	1 009	287	898	520	732	603	233	871	424	402	1 526
4 rooms	181 802	1 777	611	3 936	1 601	1 622	1 955	581	2 850	2 226	1 013	5 360
5 rooms	247 095	1 511	721	5 441	2 185	2 173	1 893	647	3 650	4 068	1 256	7 020
6 rooms	223 430	979	509	5 009	1 593	1 815	1 418	459	3 133	3 374	1 014	4 230
7 rooms	142 136	497	219	3 402	893	983	763	209	2 029	1 846	535	4 054
8 or more rooms	144 993	313	144	3 471	660	852	605	175	2 411	1 576	531	4 115
Median, year-round housing units	5.5	4.5	4.9	5.6	5.2	5.2	5.0	4.9	5.5	5.5	5.2	5.5
Median, occupied housing units	5.7	5.1	5.1	5.7	5.3	5.4	5.4	5.1	5.7	5.5	5.3	5.5
Median, owner-occupied housing units	5.8	5.2	5.2	5.8	5.4	5.5	5.5	5.2	5.8	5.6	5.5	5.9
Median, renter-occupied housing units	4.6	4.3	4.2	4.6	4.3	4.4	4.5	4.2	4.6	4.5	4.6	4.4
Persons in Unit												
Occupied housing units	885 144	3 715	2 110	21 219	6 577	5 723	5 099	2 048	13 046	13 061	4 008	26 162
1 person	136 098	757	395	3 247	1 007	1 057	941	474	1 938	1 846	763	4 474
2 persons	274 552	1 549	715	6 722	2 073	2 078	1 773	634	4 209	3 582	1 455	8 337
3 persons	154 229	545	339	3 649	1 127	901	814	308	2 288	2 296	647	4 738
4 persons	168 576	447	339	3 882	1 197	872	764	261	2 589	2 693	605	4 737
5 persons	92 247	221	186	2 209	746	469	459	198	1 257	1 551	316	2 493
6 persons	37 903	120	73	984	271	199	204	112	467	704	126	827
7 persons	14 302	58	42	360	95	101	95	34	218	270	67	426
8 or more persons	7 237	18	21	166	61	46	49	27	80	119	29	130
Median, occupied housing units	2.71	2.21	2.42	2.68	2.69	2.37	2.41	2.37	2.66	2.98	2.35	2.56
Median, owner-occupied housing units	2.81	2.22	2.46	2.79	2.83	2.40	2.44	2.44	2.70	3.13	2.37	2.67
Median, renter-occupied housing units	2.29	2.13	2.17	2.26	2.10	2.20	2.14	1.94	2.45	2.17	2.25	2.33
Persons Per Room												
Occupied housing units	885 144	3 715	2 110	21 219	6 577	5 723	5 099	2 048	13 046	13 061	4 008	26 162
1.00 or less	857 882	3 585	2 003	20 419	6 336	5 519	4 867	1 960	12 665	12 575	3 837	25 312
1.01 to 1.50	22 866	115	79	661	201	164	201	73	321	366	144	610
1.51 or more	4 396	15	28	139	40	40	31	15	60	120	27	240
Complete plumbing for exclusive use	870 247	3 613	1 909	20 887	6 464	5 622	4 928	1 883	12 818	12 836	3 958	25 843
1.00 or less	844 306	3 501	1 826	20 125	6 229	5 437	4 706	1 797	12 462	12 392	3 794	25 020
1.01 to 1.50	22 136	101	72	645	198	157	195	71	315	364	142	604
1.51 or more	3 805	11	11	117	37	28	27	15	41	80	22	219

¹Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980—Con.**

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

**The State
Counties**

	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Total housing units	14 149	16 646	18 077	7 775	10 439	10 668	17 124	13 015	7 489	9 271	4 253	14 558
Vacant seasonal and migratory	2 011	2 257	2 868	1 994	2 721	3 843	7 065	31	1 654	1 980	922	38
Year-round housing units	12 138	16 389	15 209	5 781	7 718	6 825	10 059	12 984	5 835	7 291	3 331	14 520
YEAR-ROUND HOUSING UNITS												
Persons												
Total persons	30 727	45 516	40 365	13 263	15 543	14 581	20 522	40 631	9 465	20 059	8 791	44 548
Persons in occupied housing units	29 911	45 275	40 266	13 177	15 531	13 853	20 433	40 494	9 236	20 010	8 744	43 693
Per occupied housing unit	2.87	2.92	2.88	2.93	2.91	2.76	3.25	3.25	2.79	3.12	2.91	3.13
Owner-occupied housing units	24 783	39 611	34 013	11 112	13 609	11 636	17 808	35 918	7 960	18 224	8 214	38 732
Renter-occupied housing units	5 128	5 664	6 253	2 065	1 922	2 217	2 625	4 576	1 276	1 776	5 500	4 961
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	8 521	13 149	11 511	3 749	4 705	3 989	6 360	10 829	2 765	5 697	2 724	12 131
White	8 504	12 970	10 617	3 720	4 688	3 767	6 321	10 705	2 733	5 611	2 724	12 002
Black	3	92	831	...	...	...	...	11	...	...	...	40
Spanish origin ¹	11	89	30	...	10	15	27	146	...	...	22	82
Renter-occupied housing units	1 912	2 338	2 480	748	769	776	1 039	1 645	550	710	282	1 824
White	1 888	2 288	2 169	716	750	681	1 020	1 613	550	694	282	1 783
Black	10	27	254	...	...	...	...	6	...	...	...	7
Spanish origin ¹	15	44	13	...	...	2	2	24	...	...	...	40
Vacancy Status												
Vacant housing units	1 705	902	1 218	1 284	2 244	2 060	2 660	510	2 520	884	325	565
For sale only	130	168	146	114	129	120	261	117	116	126	35	121
Vacant less than 6 months	64	106	72	54	57	48	94	56	78	52	17	92
Median price asked	\$32 200	\$41 700	\$34 200	\$33 200	\$39 700	\$20 600	\$21 000	\$42 500	\$35 200	\$25 600	\$22 500	\$38 800
For rent	156	193	190	77	110	79	104	93	87	69	15	127
Vacant less than 2 months	62	111	61	18	43	52	20	48	21	19	5	70
Median rent asked	\$156	\$221	\$178	\$203	\$157	\$237	\$134	\$240	\$169	\$153	\$179	\$184
Other vacants	1 419	541	882	1 093	2 005	1 221	2 295	300	2 317	689	275	317
Plumbing Facilities												
Year-round housing units	12 138	16 389	15 209	5 781	7 718	6 825	10 059	12 984	5 835	7 291	3 331	14 520
Complete plumbing for exclusive use	11 828	16 069	14 915	5 618	7 440	6 348	9 356	12 795	5 371	6 762	3 136	14 285
Lacking complete plumbing for exclusive use	310	320	294	163	278	477	703	189	464	529	195	235
Complete plumbing but used by another household	23	31	23	15	10	8	9	23	3	22	...	29
Some but not all plumbing facilities	140	169	210	80	146	204	355	117	213	247	84	158
No plumbing facilities	147	120	61	68	122	265	339	49	248	260	111	48
Occupied housing units	10 433	15 487	13 991	4 497	5 474	4 765	7 399	12 474	3 315	6 407	3 006	13 955
Complete plumbing for exclusive use	10 246	15 286	13 804	4 408	5 356	4 543	7 185	12 329	3 269	6 193	2 923	13 762
Lacking complete plumbing for exclusive use	187	201	187	89	118	222	214	145	46	214	83	193
Complete plumbing but used by another household	21	31	22	6	10	4	1	23	1	15	...	29
Some but not all plumbing facilities	71	126	142	45	86	97	138	100	32	129	37	132
No plumbing facilities	95	44	23	38	22	121	75	22	13	70	46	32
VALUE												
Specified owner-occupied housing units	5 133	8 104	7 495	2 111	2 853	1 977	4 129	6 922	2 004	3 404	1 813	7 524
Less than \$10,000	175	244	324	53	90	181	254	76	48	108	119	102
\$10,000 to \$19,999	892	1 024	1 037	261	314	410	1 111	558	370	432	286	425
\$20,000 to \$29,999	1 198	1 782	1 389	407	613	473	1 138	1 083	504	702	353	1 128
\$30,000 to \$49,999	1 847	2 887	2 810	841	1 141	667	1 274	787	1 349	787	646	2 889
\$50,000 to \$99,999	1 000	2 054	1 831	491	621	236	346	2 502	283	775	372	2 815
\$100,000 to \$149,999	21	105	78	45	53	10	6	87	12	24	28	138
\$150,000 to \$199,999	6	6	20	13	11	...	...	22	...	12	9	22
\$200,000 or more .....	...	2	6	...	10	...	...	5	...	2	...	5
Median	\$32 200	\$36 700	\$35 900	\$36 300	\$35 500	\$27 900	\$25 000	\$43 300	\$31 400	\$36 200	\$34 100	\$45 100
CONTRACT RENT												
Specified renter-occupied housing units	1 488	1 805	1 880	609	620	656	869	1 187	506	561	227	1 326
Median	\$158	\$179	\$156	\$173	\$154	\$157	\$153	\$184	\$178	\$142	\$154	\$182
Rooms												
Year-round housing units	12 138	16 389	15 209	5 781	7 718	6 825	10 059	12 984	5 835	7 291	3 331	14 520
1 room	56	63	69	20	48	68	110	59	101	62	25	28
2 rooms	150	89	189	100	158	238	385	111	180	211	39	96
3 rooms	634	632	723	316	572	483	1 013	380	709	414	138	383
4 rooms	2 053	2 880	3 117	1 166	1 818	1 377	2 948	1 453	1 651	1 581	719	1 730
5 rooms	2 717	3 844	3 777	1 514	2 130	1 999	2 644	2 705	1 393	1 966	1 034	3 244
6 rooms	2 557	3 699	3 172	1 245	1 724	1 648	1 602	3 226	1 393	1 586	670	3 614
7 rooms	1 942	2 554	2 187	755	676	613	770	2 396	465	774	347	2 722
8 or more rooms	2 029	2 628	1 975	665	592	399	587	2 654	358	697	359	2 703
Median, year-round housing units	5.7	5.7	5.4	5.4	5.1	5.1	4.7	6.1	4.7	5.2	5.2	6.0
Median, occupied housing units	5.8	5.7	5.5	5.4	5.2	5.2	5.0	6.1	5.2	5.3	5.3	6.0
Median, owner-occupied housing units	6.0	5.9	5.6	5.6	5.3	5.3	5.1	6.2	5.4	5.4	5.3	6.1
Median, renter-occupied housing units	4.9	4.7	4.7	4.6	4.3	4.9	4.3	4.8	4.2	4.4	4.6	4.9
Persons in Unit												
Occupied housing units	10 433	15 487	13 991	4 497	5 474	4 765	7 399	12 474	3 315	6 407	3 006	13 955
1 person	1 812	2 333	2 448	765	954	819	1 326	1 578	654	900	501	1 714
2 persons	3 500	5 262	4 591	1 484	1 979	1 629	2 885	3 539	1 121	1 870	965	4 155
3 persons	1 871	2 676	2 477	778	862	755	1 134	2 057	554	1 150	552	2 529
4 persons	1 793	3 005	2 411	735	890	806	1 038	2 637	537	1 306	550	3 168
5 persons	899	1 430	1 322	438	471	484	597	1 437	279	743	267	1 574
6 persons	297	580	476	202	171	155	261	810	115	293	108	559
7 persons	155	149	182	57	95	63	119	258	37	62	41	196
8 or more persons	106	52	84	38	52	54	39	158	18	83	22	60
Median, occupied housing units	2.47	2.56	2.49	2.50	2.40	2.46	2.32	3.04	2.40	2.88	2.57	2.94
Median, owner-occupied housing units	2.48	2.63	2.50	2.60	2.42	2.42	2.32	3.16	2.45	2.97	2.61	3.03
Median, renter-occupied housing units	2.43	2.29	2.43	2.25	2.23	2.51	2.30	2.42	2.04	2.26	2.35	2.42
Persons Per Room												
Occupied housing units	10 433	15 487	13 991	4 497	5 474	4 765	7 399	12 474	3 315	6 407	3 006	13 955
1.00 or less	10 201	15 121	13 554	4 325	5 248	4 560	7 055	12 148	3 197	6 190	2 880	13 656
1.01 to 1.50	180	316	377	138	186	162	283	304	105	205	114	263
1.51 or more	52	50	60	34	40	43	61	22	13	12	12	36
Complete plumbing for exclusive use	10 246	15 286	13 804	4 408	5 356	4 543	7 185	12 329	3 269	6 193	2 923	13 762
1.00 or less	10 061	14 938	13 393	4 242	5 152	4 353	6 874	12 007	3 152	5 985	2 810	13 478
1.01 to 1.50	160	300	355	134	170	156	254	300	104	201	106	252
1.51 or more	25	48	56	32	29	34	57	22	13	7	7	32

¹Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980—Con.**

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

**The State
Counties**

	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Grotriot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Total housing units	9 899	33 858	13 509	4 408	17 545	8 390	14 202	11 518	16 584	13 152	11 853	15 352
Vacant seasonal and migratory	2 127	223	1 534	995	1 767	44	771	1 962	2 787	35	437	1 630
Year-round housing units	7 772	33 635	11 975	3 413	15 778	8 346	13 431	9 556	13 797	13 117	11 416	13 722
YEAR-ROUND HOUSING UNITS												
Persons												
Total persons	16 895	104 522	19 957	6 835	39 383	23 739	34 639	22 572	33 275	40 391	36 298	20 638
Persons in occupied housing units	16 616	104 197	19 862	6 576	38 507	23 588	34 341	22 435	32 788	39 859	33 093	20 431
Per occupied housing unit	2.89	3.23	2.77	2.66	2.87	3.06	2.94	2.68	2.83	3.17	3.08	2.61
Owner-occupied housing units	14 137	95 129	17 259	5 873	32 326	20 060	29 142	18 580	27 774	34 178	28 388	16 997
Renter-occupied housing units	2 479	9 068	2 603	703	6 181	3 528	5 199	3 855	5 014	5 681	4 705	3 434
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	4 736	28 941	6 089	2 194	10 869	6 469	9 817	6 656	9 668	10 540	8 963	6 268
White	4 655	28 505	6 050	2 175	10 803	6 429	9 766	6 637	9 624	10 410	8 896	6 187
Black .....	...	262	10	—	...	...	13	—	...	28	8	36
Spanish origin ¹	9	156	25	...	27	71	24	11	54	106	65	24
Renter-occupied housing units	1 016	3 366	1 070	282	2 551	1 231	1 850	1 710	1 911	2 026	1 771	1 566
White	979	3 262	1 065	264	2 498	1 201	1 835	1 698	1 870	1 971	1 738	1 515
Black .....	...	28	—	—	...	...	6	—	...	9	5	15
Spanish origin ¹	2	39	1	...	32	32	13	5	37	18	26	20
Vacancy Status												
Vacant housing units	2 020	1 328	4 816	937	2 358	646	1 764	1 190	2 218	551	682	5 888
For sale only	135	309	137	50	254	70	140	136	160	189	107	196
Vacant less than 6 months	64	196	57	30	200	31	61	32	77	133	38	88
Median price asked	\$29 700	\$51 700	\$27 000	\$14 300	\$50 900	\$40 000	\$32 100	\$16 600	\$27 200	\$52 500	\$41 600	\$26 900
For rent	258	397	73	38	266	97	124	130	239	62	108	289
Vacant less than 2 months	86	190	15	9	180	17	46	37	56	27	35	154
Median rent asked	\$168	\$218	\$146	\$117	\$204	\$156	\$157	\$150	\$174	\$212	\$158	\$135
Other vacants	1 627	622	4 606	849	1 838	479	1 500	924	1 819	300	467	5 403
Plumbing Facilities												
Year-round housing units	7 772	33 635	11 975	3 413	15 778	8 346	13 431	9 556	13 797	13 117	11 416	13 722
Complete plumbing for exclusive use	7 397	33 434	11 269	2 914	15 494	8 137	12 936	8 474	13 359	12 962	11 184	12 633
Lacking complete plumbing for exclusive use	375	201	706	499	284	209	495	1 082	438	155	232	1 089
Complete plumbing but used by another household	4	59	17	6	5	10	60	27	33	20	15	20
Some but not all plumbing facilities	185	102	381	196	190	124	241	792	212	98	156	526
No plumbing facilities	186	40	308	297	89	75	194	263	193	37	61	543
Occupied housing units	5 752	32 307	7 159	2 476	13 420	7 700	11 667	8 366	11 579	12 566	10 734	7 834
Complete plumbing for exclusive use	5 608	32 153	6 942	2 303	13 288	7 578	11 352	7 664	11 343	12 447	10 603	7 703
Lacking complete plumbing for exclusive use	144	154	217	173	132	122	315	702	236	119	131	131
Complete plumbing but used by another household	2	56	13	4	2	10	60	18	29	20	13	13
Some but not all plumbing facilities	84	89	138	121	64	84	167	572	122	82	98	73
No plumbing facilities	58	9	66	48	66	28	88	112	85	17	20	45
VALUE												
Specified owner-occupied housing units	2 782	21 741	3 495	1 335	7 378	3 299	5 415	4 760	5 827	6 572	5 026	4 653
Less than \$10,000	93	117	173	282	31	176	213	928	208	84	192	108
\$10,000 to \$19,999	286	840	649	406	316	647	1 022	1 574	1 007	377	755	818
\$20,000 to \$29,999	441	2 435	912	274	638	917	1 411	1 142	1 604	842	1 135	1 251
\$30,000 to \$49,999	940	8 833	1 275	270	3 305	1 066	1 821	792	1 994	2 208	1 898	1 737
\$50,000 to \$99,999	832	8 858	443	97	2 665	468	898	312	929	2 775	998	699
\$100,000 to \$149,999	128	527	40	3	304	3	8	12	73	233	43	40
\$150,000 to \$199,999	23	85	2	—	81	3	10	—	10	40	4	—
\$200,000 or more	19	46	1	—	38	9	2	—	2	13	1	—
Median	\$40 300	\$47 000	\$30 100	\$19 500	\$46 400	\$28 800	\$30 500	\$18 900	\$30 700	\$47 800	\$33 800	\$31 300
CONTRACT RENT												
Specified renter-occupied housing units	847	2 826	902	219	2 256	734	1 300	1 528	1 334	1 542	1 330	1 440
Median	\$182	\$208	\$146	\$122	\$219	\$151	\$154	\$143	\$144	\$213	\$152	\$138
Rooms												
Year-round housing units	7 772	33 635	11 975	3 413	15 778	8 346	13 431	9 556	13 797	13 117	11 416	13 722
1 room	93	76	104	95	109	10	82	92	65	33	29	288
2 rooms	274	222	296	147	313	43	128	257	203	121	102	675
3 rooms	478	1 084	1 692	307	983	246	535	756	865	399	445	2 191
4 rooms	1 530	3 794	3 666	747	3 374	1 051	2 109	1 496	2 482	1 599	1 721	3 603
5 rooms	1 857	8 361	2 987	940	4 239	1 783	2 872	2 450	3 365	2 746	2 454	3 381
6 rooms	1 625	9 523	1 805	673	3 255	2 134	3 065	2 504	2 976	3 023	2 684	1 924
7 rooms	850	5 649	792	291	1 781	1 472	2 191	1 160	1 930	2 413	1 814	847
8 or more rooms	1 065	4 926	633	213	1 724	1 607	2 449	841	1 911	2 783	2 167	813
Median, year-round housing units	5.3	5.8	4.6	4.9	5.2	6.0	5.8	5.4	5.5	6.0	5.9	4.5
Median, occupied housing units	5.5	5.9	5.1	5.2	5.4	6.0	5.9	5.4	5.7	6.1	5.9	5.1
Median, owner-occupied housing units	5.7	6.0	5.3	5.3	5.6	6.1	6.0	5.6	5.8	6.3	6.0	5.3
Median, renter-occupied housing units	4.4	4.4	4.3	4.6	4.4	5.5	5.1	4.3	5.1	4.8	4.9	4.0
Persons in Unit												
Occupied housing units	5 752	32 307	7 159	2 476	13 420	7 700	11 667	8 366	11 579	12 566	10 734	7 834
1 person	1 089	3 719	1 362	548	2 288	1 185	1 907	2 093	2 394	1 488	1 638	1 737
2 persons	1 846	8 605	2 681	880	4 422	2 333	3 842	2 823	3 933	3 670	3 172	2 958
3 persons	939	6 284	1 053	389	2 436	1 298	1 967	1 252	1 795	2 347	1 874	1 196
4 persons	1 009	7 604	1 057	331	2 435	1 491	2 102	1 070	1 594	2 706	2 058	1 075
5 persons	526	3 908	578	172	1 157	906	1 094	682	962	1 423	1 147	483
6 persons	207	1 521	273	99	462	298	483	211	534	273	218	238
7 persons	89	447	97	30	127	146	171	120	227	227	107	107
8 or more persons	47	219	58	27	93	43	101	115	140	135	104	40
Median, occupied housing units	2.47	3.11	2.33	2.28	2.50	2.76	2.54	2.34	2.36	2.98	2.80	2.24
Median, owner-occupied housing units	2.60	3.21	2.35	2.29	2.65	2.77	2.52	2.31	2.36	3.09	2.91	2.31
Median, renter-occupied housing units	2.10	2.37	2.14	2.21	2.16	2.70	2.63	1.90	2.25	2.48	2.34	1.81
Persons Per Room												
Occupied housing units	5 752	32 307	7 159	2 476	13 420	7 700	11 667	8 366	11 579	12 566	10 734	7 834
1.00 or less	5 535	31 525	6 875	2 380	13 120	7 476	11 315	8 047	11 178	12 217	10 458	7 624
1.01 to 1.50	175	664	215	77	249	187	297	268	348	295	244	174
1.51 or more	42	118	69	19	51	37	55	51	53	54	32	36
Complete plumbing for exclusive use	5 608	32 153	6 942	2 303	13 288	7 578	11 352	7 664	11 343	12 447	10 603	7 703
1.00 or less	5 409	31 383	6 693	2 227	12 998	7 362	11 014	7 358	10 957	12 103	10 337	7 498
1.01 to 1.50	168	652	196	62	241	179	295	265	337	290	238	172
1.51 or more	31	118	53	14	49	37	43	41	49	54	28	33

¹Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980—Con.**

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

The State Counties	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Total housing units	7 739	11 725	26 097	20 706	7 596	28 234	2 149	10 518	20 446	9 073	21 279	29 608
Vacant seasonal and migratory	1 551	791	2 066	432	2 947	1 742	981	2 797	712	1 852	211	1 642
Year-round housing units	6 188	10 934	24 031	20 274	4 649	26 492	1 168	7 721	19 734	7 221	21 068	27 966
YEAR-ROUND HOUSING UNITS												
Persons												
Total persons	13 635	30 364	70 282	57 254	10 952	80 965	1 963	7 711	63 840	14 007	55 790	87 461
Persons in occupied housing units	13 308	30 364	68 714	56 821	10 906	80 592	1 958	7 707	62 724	13 895	55 352	86 222
Per occupied housing unit	2.45	3.07	3.02	2.92	2.87	3.16	2.35	2.53	3.32	2.77	3.05	3.26
Owner-occupied housing units	11 429	25 647	59 580	49 340	9 271	74 349	1 623	6 560	55 364	11 659	46 956	77 986
Renter-occupied housing units	1 879	4 717	9 134	7 481	1 635	6 243	335	1 147	7 360	2 236	8 396	8 236
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	4 473	8 131	19 162	16 030	3 213	23 135	702	2 582	16 264	4 019	15 284	23 347
White	4 464	7 990	18 960	15 823	3 204	22 873	699	2 095	16 102	3 982	15 071	23 213
Black	—	24	79	144	—	75	—	470	22	—	5	—
Spanish origin ¹	—	58	79	73	—	87	—	15	166	11	324	97
Renter-occupied housing units	957	1 768	3 603	3 418	582	2 332	131	468	2 607	1 004	2 856	3 089
White	947	1 674	3 539	3 375	566	2 275	129	349	2 532	967	2 795	3 044
Black	—	20	29	28	—	14	—	113	7	—	5	—
Spanish origin ¹	—	34	64	15	12	37	—	5	75	3	84	18
Vacancy Status												
Vacant housing units	758	1 035	1 266	826	854	1 025	335	4 671	863	2 198	2 928	1 530
For sale only	143	132	241	160	109	200	37	78	147	125	160	408
Vacant less than 6 months	46	63	136	104	67	125	3	17	97	73	95	320
Median price asked	\$16 100	\$29 800	\$53 800	\$55 800	\$26 100	\$46 600	\$16 000	\$17 400	\$40 000	\$53 500	\$42 300	\$83 500
For rent	76	202	179	177	69	144	11	104	153	126	233	165
Vacant less than 2 months	13	42	92	62	27	56	2	4	70	38	52	72
Median rent asked	\$109	\$175	\$187	\$212	\$174	\$156	\$53	\$107	\$183	\$183	\$179	\$242
Other vacants	539	701	846	489	676	681	287	4 489	563	1 947	2 535	957
Plumbing Facilities												
Year-round housing units	6 188	10 934	24 031	20 274	4 649	26 492	1 168	7 721	19 734	7 221	21 068	27 966
Complete plumbing for exclusive use	5 981	10 637	23 711	20 082	4 468	26 276	987	7 136	19 450	7 000	20 518	27 715
Lacking complete plumbing for exclusive use	207	297	320	192	181	216	181	585	284	221	550	251
Complete plumbing but used by another household	1	34	46	51	—	16	9	—	36	17	52	72
Some but not all plumbing facilities	135	154	190	88	131	157	111	238	162	96	341	143
No plumbing facilities	71	109	84	53	50	43	61	341	86	108	157	36
Occupied housing units	5 430	9 899	22 765	19 448	3 795	25 467	833	3 050	18 871	5 023	18 140	26 436
Complete plumbing for exclusive use	5 317	9 723	22 566	19 303	3 710	25 300	758	2 917	18 683	4 956	17 839	26 239
Lacking complete plumbing for exclusive use	113	176	199	145	85	167	75	133	188	67	301	197
Complete plumbing but used by another household	—	34	31	47	—	16	5	2	32	—	46	70
Some but not all plumbing facilities	88	86	131	65	66	126	50	77	115	27	191	114
No plumbing facilities	25	56	37	33	19	25	20	54	41	40	64	13
VALUE												
Specified owner-occupied housing units	3 363	4 230	12 798	11 145	1 844	14 915	589	1 429	10 384	2 640	10 307	17 293
Less than \$10,000	346	176	258	179	75	199	167	112	25	25	109	34
\$10,000 to \$19,999	908	517	1 308	760	276	962	242	503	579	150	985	313
\$20,000 to \$29,999	922	774	2 239	1 486	431	2 156	119	367	1 444	302	1 965	981
\$30,000 to \$49,999	922	1 786	4 601	3 818	794	4 939	50	251	4 613	906	4 082	3 998
\$50,000 to \$99,999	263	931	4 136	4 163	260	5 423	11	86	3 454	1 024	2 855	9 774
\$100,000 to \$149,999	2	39	200	551	5	930	—	3	153	157	148	1 862
\$150,000 to \$199,999	—	5	53	149	—	259	—	—	26	65	10	259
\$200,000 or more	—	2	3	39	3	47	—	—	3	11	6	72
Median	\$23 700	\$35 900	\$40 500	\$46 300	\$32 600	\$46 800	\$14 100	\$19 800	\$43 200	\$48 700	\$38 700	\$62 900
CONTRACT RENT												
Specified renter-occupied housing units	887	1 440	2 984	2 975	521	1 720	92	370	2 021	785	2 046	2 572
Median	\$109	\$167	\$179	\$192	\$174	\$176	\$107	\$110	\$180	\$180	\$172	\$228
Rooms												
Year-round housing units	6 188	10 934	24 031	20 274	4 649	26 492	1 168	7 721	19 734	7 221	21 068	27 966
1 room	55	56	78	57	23	45	11	88	28	111	109	72
2 rooms	185	202	284	210	173	143	33	356	150	114	151	180
3 rooms	360	459	1 011	1 078	465	817	93	1 128	699	556	835	781
4 rooms	1 148	2 065	4 011	3 046	1 051	3 684	217	2 081	2 573	1 409	3 096	3 104
5 rooms	1 757	2 553	5 822	4 475	1 276	5 878	290	2 014	4 717	1 868	5 099	5 784
6 rooms	1 454	2 320	5 389	4 617	866	5 853	330	961	4 996	1 468	4 900	6 602
7 rooms	649	1 601	3 468	3 240	476	4 452	126	620	3 371	802	3 441	4 905
8 or more rooms	580	1 678	3 968	3 551	319	5 620	68	473	3 200	893	3 437	6 538
Median, year-round housing units	5.3	5.6	5.7	5.8	5.0	6.0	5.3	4.6	5.8	5.3	5.8	6.1
Median, occupied housing units	5.3	5.6	5.7	5.8	5.1	6.0	5.4	4.9	5.9	5.5	5.9	6.1
Median, owner-occupied housing units	5.5	5.9	5.9	6.0	5.2	6.1	5.5	5.0	6.0	5.7	6.0	6.3
Median, renter-occupied housing units	4.4	4.3	4.4	4.2	4.5	5.0	5.0	4.6	4.8	4.8	5.2	4.7
Persons in Unit												
Occupied housing units	5 430	9 899	22 765	19 448	3 795	25 467	833	3 050	18 871	5 023	18 140	26 436
1 person	1 394	1 551	3 374	3 066	678	3 086	230	769	2 141	941	2 618	2 965
2 persons	2 113	2 998	7 056	6 141	1 299	7 584	345	1 257	4 860	1 873	5 561	7 206
3 persons	785	1 680	4 037	3 579	618	4 545	116	348	3 468	793	3 270	4 833
4 persons	626	1 852	4 677	3 751	628	5 439	78	315	4 234	722	3 599	6 104
5 persons	353	1 098	2 346	1 946	345	2 969	37	177	2 511	390	1 951	3 180
6 persons	100	385	802	596	129	1 268	16	114	1 052	207	735	1 408
7 persons	45	198	287	262	52	398	7	47	374	63	276	500
8 or more persons	14	137	186	107	46	178	4	23	34	34	130	240
Median, occupied housing units	2.13	2.74	2.74	2.64	2.44	2.95	2.04	2.10	3.20	2.34	2.77	3.13
Median, owner-occupied housing units	2.20	2.83	2.88	2.87	2.43	3.02	2.02	2.12	3.32	2.39	2.82	3.23
Median, renter-occupied housing units	1.65	2.42	2.20	1.91	2.56	2.50	2.26	1.96	2.59	2.07	2.55	2.41
Persons Per Room												
Occupied housing units	5 430	9 899	22 765	19 448	3 795	25 467	833	3 050	18 871	5 023	18 140	26 436
1.00 or less	5 327	9 489	22 250	18 975	3 612	24 888	822	2 923	18 177	4 860	17 640	25 823
1.01 to 1.50	98	333	430	252	138	517	11	95	619	149	423	540
1.51 or more	5	77	85	94	45	62	—	32	75	14	77	73
Complete plumbing for exclusive use	5 317	9 723	22 566	19 303	3 710	25 300	758	2 917	18 683	4 956	17 839	26 239
1.00 or less	5 221	9 328	22 062	18 975	3 539	24 724	747	2 803	18 004	4 794	17 385	25 636
1.01 to 1.50	93	321	419	242	135	517	11	90	600	149	400	530
1.51 or more	3	74	85	86	36	59	—	24	79	13	54	73

¹Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980—Con.**

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

The State Counties	Lucas	Mockingoc	Macomb	Monistee	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Total housing units	3 574	6 496	11 337	8 988	14 933	9 407	12 157	7 307	12 668	6 116	26 825	17 638
Vacant seasonal and migratory	1 136	3 218	24	2 318	3 590	1 187	874	1 227	250	2 033	228	2 309
Year-round housing units	2 438	3 278	11 313	6 670	11 343	8 220	11 283	6 080	12 418	4 083	26 597	15 329
YEAR-ROUND HOUSING UNITS												
Persons												
Total persons	6 659	7 577	36 234	15 453	30 741	17 428	22 600	16 102	36 562	10 009	81 726	39 536
Persons in occupied housing units	6 117	7 564	35 834	15 258	30 420	17 224	22 561	15 869	36 347	9 980	81 411	39 328
Per occupied housing unit	2.79	2.78	3.37	2.80	3.00	2.82	2.87	2.97	3.15	2.91	3.23	2.93
Owner-occupied housing units	5 292	6 399	31 105	13 315	26 507	15 240	18 984	14 062	32 563	8 775	69 627	33 566
Renter-occupied housing units	825	1 165	4 729	1 943	3 913	1 984	3 577	1 807	3 784	1 205	11 784	5 762
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	1 822	2 246	8 934	4 718	8 458	5 298	6 520	4 602	10 099	2 974	20 983	11 272
White	1 767	2 122	8 699	4 677	8 388	5 246	6 428	4 598	10 029	2 967	20 593	11 166
Black	—	—	182	—	—	15	61	—	16	—	274	24
Spanish origin ¹	—	—	50	19	17	29	16	—	45	—	172	87
Renter-occupied housing units	370	476	1 711	736	1 681	819	1 350	736	1 439	453	4 222	2 173
White	345	437	1 630	709	1 634	807	1 303	682	1 405	445	4 082	2 127
Black	—	—	53	—	—	2	17	—	3	—	76	4
Spanish origin ¹	—	—	27	18	8	28	14	—	5	—	66	38
Vacancy Status												
Vacant housing units	246	556	668	1 216	1 204	2 103	3 413	742	880	656	1 392	1 884
For sale only	38	98	197	138	159	118	219	86	92	43	254	221
Vacant less than 6 months	23	37	128	23	75	38	147	23	66	20	147	82
Median price asked	\$21 700	\$19 100	\$55 600	\$25 100	\$40 000	\$27 900	\$26 600	\$13 200	\$42 500	\$29 400	\$43 800	\$26 100
For rent	29	72	164	89	321	123	122	60	150	38	296	136
Vacant less than 2 months	13	10	79	10	160	22	25	16	54	9	211	34
Median rent asked	\$139	\$153	\$281	\$155	\$181	\$156	\$157	\$130	\$179	\$126	\$213	\$153
Other vacants	179	386	307	989	724	1 862	3 072	596	638	575	842	1 527
Plumbing Facilities												
Year-round housing units	2 438	3 278	11 313	6 670	11 343	8 220	11 283	6 080	12 418	4 083	26 597	15 329
Complete plumbing for exclusive use	2 300	3 039	11 157	6 253	10 809	7 956	10 731	5 756	12 049	3 784	25 979	14 734
Lacking complete plumbing for exclusive use	138	239	156	417	534	264	552	324	369	299	618	595
Complete plumbing but used by another household	11	3	32	5	29	45	30	2	5	9	50	46
Some but not all plumbing facilities	69	103	74	269	266	146	329	170	189	134	404	353
No plumbing facilities	58	133	50	143	239	73	193	152	175	156	164	196
Occupied housing units	2 192	2 722	10 645	5 454	10 139	6 117	7 870	5 338	11 538	3 427	25 205	13 445
Complete plumbing for exclusive use	2 117	2 614	10 528	5 303	9 814	5 981	7 662	5 175	11 321	3 335	24 762	13 134
Lacking complete plumbing for exclusive use	75	108	117	151	325	136	208	163	217	92	443	311
Complete plumbing but used by another household	9	3	32	5	27	15	28	5	3	7	50	45
Some but not all plumbing facilities	47	44	45	89	196	91	135	81	143	56	322	211
No plumbing facilities	19	61	40	57	102	30	45	80	71	29	71	55
VALUE												
Specified owner-occupied housing units	1 193	1 311	6 316	2 857	5 976	2 877	3 240	2 302	6 184	1 526	15 778	6 369
Less than \$10,000	121	109	17	170	258	109	199	124	180	83	177	375
\$10,000 to \$19,999	279	280	200	432	656	543	615	393	673	308	1 005	1 438
\$20,000 to \$29,999	309	290	444	654	996	731	702	530	1 179	428	2 164	1 816
\$30,000 to \$49,999	398	419	1 514	1 012	2 529	947	1 058	808	2 425	546	5 505	1 981
\$50,000 to \$99,999	84	201	3 259	555	1 471	513	623	420	1 631	157	6 399	722
\$100,000 to \$149,999	2	7	791	28	46	30	39	25	90	2	480	33
\$150,000 to \$199,999	—	5	83	5	20	4	4	2	2	2	27	2
\$200,000 or more	—	—	8	1	—	—	—	—	—	—	21	2
Median	\$25 900	\$29 100	\$61 500	\$32 800	\$39 200	\$31 000	\$31 700	\$32 300	\$37 600	\$28 700	\$46 200	\$27 100
CONTRACT RENT												
Specified renter-occupied housing units	318	392	1 283	567	1 540	634	1 051	545	1 216	319	3 529	1 646
Median	\$139	\$147	\$231	\$151	\$183	\$150	\$157	\$136	\$180	\$151	\$197	\$147
Rooms												
Year-round housing units	2 438	3 278	11 313	6 670	11 343	8 220	11 283	6 080	12 418	4 083	26 597	15 329
1 room	22	43	53	68	115	65	96	38	63	51	181	114
2 rooms	85	92	131	185	329	169	283	112	183	119	167	203
3 rooms	190	314	291	491	846	464	1 446	357	583	290	1 108	854
4 rooms	555	726	1 358	1 332	2 391	1 728	2 581	1 181	2 170	805	3 661	2 946
5 rooms	657	929	2 378	1 816	3 478	1 983	2 516	1 666	3 040	1 052	6 687	3 751
6 rooms	463	618	2 598	1 367	2 247	1 797	1 793	1 374	2 997	829	6 596	3 214
7 rooms	258	323	2 034	728	982	1 017	1 235	730	1 832	537	4 470	2 096
8 or more rooms	208	233	2 470	683	955	997	1 333	622	1 550	400	3 727	2 151
Median, year-round housing units	5.1	5.0	6.1	5.2	5.1	5.3	5.0	5.3	5.6	5.2	5.7	5.4
Median, occupied housing units	5.2	5.1	6.1	5.4	5.2	5.5	5.3	5.4	5.6	5.4	5.8	5.6
Median, owner-occupied housing units	5.3	5.2	6.3	5.4	5.3	5.6	5.5	5.5	5.8	5.5	5.9	5.7
Median, renter-occupied housing units	4.2	4.5	5.0	4.6	4.2	4.7	4.5	4.5	4.5	4.5	4.6	4.7
Persons in Unit												
Occupied housing units	2 192	2 722	10 645	5 454	10 139	6 117	7 870	5 338	11 538	3 427	25 205	13 445
1 person	445	552	1 307	1 076	1 546	1 068	1 358	929	1 437	582	3 456	2 353
2 persons	728	978	2 676	1 878	3 005	2 194	2 742	1 680	3 357	1 169	6 643	4 461
3 persons	355	447	1 922	858	1 938	1 024	1 280	907	2 136	532	4 656	2 177
4 persons	362	365	2 252	886	2 057	1 010	1 292	909	2 498	601	5 172	2 223
5 persons	187	211	1 415	418	1 039	485	737	563	1 231	298	3 079	1 376
6 persons	65	102	707	214	351	235	306	191	631	164	1 355	541
7 persons	33	52	219	86	156	79	100	99	145	63	600	216
8 or more persons	17	15	47	17	47	22	22	55	60	103	244	98
Median, occupied housing units	2.39	2.33	3.20	2.38	2.77	2.41	2.44	2.57	2.96	2.47	3.04	2.48
Median, owner-occupied housing units	2.46	2.37	3.37	2.38	2.92	2.43	2.46	2.64	3.04	2.48	3.18	2.50
Median, renter-occupied housing units	1.99	2.06	2.35	2.38	2.22	2.22	2.31	2.23	2.42	2.35	2.31	2.33
Persons Per Room												
Occupied housing units	2 192	2 722	10 645	5 454	10 139	6 117	7 870	5 338	11 538	3 427	25 205	13 445
1.00 or less	2 107	2 610	10 312	5 290	9 785	5 954	7 615	5 108	11 050	3 317	24 343	13 015
1.01 to 1.50	74	92	293	133	292	120	231	199	436	84	707	370
1.51 or more	11	20	40	31	62	43	24	31	52	26	155	60
Complete plumbing for exclusive use	2 117	2 614	10 528	5 303	9 814	5 981	7 662	5 175	11 321	3 335	24 762	13 134
1.00 or less	2 042	2 502	10 201	5 150	9 488	5 825	7 420	4 954	10 852	3 239	23 933	12 734
1.01 to 1.50	70	92	287	129	277	120	222	196	420	77	674	353
1.51 or more	5	20	40	24	49	36	20	25	49	19	155	47

¹Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980—Con.**

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

The State Counties	Montmorency	Muskegon	Newyoigo	Oakland	Oceona	Ogemaw	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Total housing units	7 886	15 868	16 760	35 144	11 394	12 977	5 042	9 927	7 308	7 888	30 041	6 829
Vacant seasonal and migratory	2 872	491	4 472	672	3 048	184	987	1 599	2 613	2 860	986	2 525
Year-round housing units	5 014	15 377	12 288	34 472	8 346	12 793	4 055	8 328	4 695	5 028	29 055	4 304
YEAR-ROUND HOUSING UNITS												
Persons												
Total persons	7 492	45 365	31 245	106 424	22 002	16 436	9 861	18 928	6 858	11 982	89 104	10 344
Persons in occupied housing units	7 492	45 293	30 990	105 738	21 737	16 185	9 702	18 738	6 748	11 730	87 759	10 315
Per occupied housing unit	2.66	3.16	2.91	3.21	2.93	2.72	2.75	2.86	2.68	3.05	3.18	2.91
Owner-occupied housing units	6 694	39 445	26 878	97 072	18 627	13 833	8 312	15 666	5 904	10 419	76 915	9 397
Renter-occupied housing units	798	5 848	4 112	8 666	3 110	2 352	1 390	3 072	844	1 311	10 844	918
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	2 453	12 381	9 096	29 228	6 166	4 991	2 930	5 440	2 188	3 311	23 628	3 167
White	2 443	12 049	8 828	28 906	6 035	4 976	2 917	5 423	2 188	3 293	23 419	3 159
Black	—	211	176	119	13	—	—	—	—	—	47	—
Spanish origin ¹	12	101	97	189	102	4	—	19	—	—	217	—
Renter-occupied housing units	361	1 942	1 556	3 697	1 252	949	594	1 118	329	540	3 998	377
White	349	1 846	1 475	3 612	1 196	937	592	1 099	—	534	3 853	370
Black	—	65	35	20	—	—	—	—	—	—	44	—
Spanish origin ¹	—	24	43	32	83	13	—	9	—	—	149	—
Vacancy Status												
Vacant housing units	2 200	1 054	1 636	1 547	928	6 853	531	1 770	2 178	1 177	1 429	760
For sale only	113	95	245	528	116	156	73	75	75	97	260	59
Vacant less than 6 months	47	43	121	315	51	82	23	41	47	37	209	20
Median price asked	\$25 200	\$31 600	\$19 100	\$78 700	\$22 500	\$20 700	\$21 300	\$22 900	\$28 100	\$33 300	\$57 600	\$26 300
For rent	76	125	197	257	79	121	81	131	42	20	276	53
Vacant less than 2 months	36	50	38	137	12	31	18	30	19	8	130	14
Median rent asked	\$111	\$158	\$138	\$252	\$144	\$129	\$128	\$130	\$143	\$183	\$229	\$147
Other vacants	2 011	834	1 194	762	733	6 576	377	1 523	2 061	1 060	893	648
Plumbing Facilities												
Year-round housing units	5 014	15 377	12 288	34 472	8 346	12 793	4 055	8 328	4 695	5 028	29 055	4 304
Complete plumbing for exclusive use	4 627	15 111	11 774	34 238	8 099	11 102	3 710	7 812	3 985	4 816	28 774	4 076
Locking complete plumbing for exclusive use	387	266	514	234	247	1 691	345	516	710	212	281	228
Complete plumbing but used by another household	47	1	28	40	18	10	—	11	7	5	88	10
Some but not all plumbing facilities	192	181	280	144	151	886	228	275	297	85	152	101
No plumbing facilities	148	84	206	50	78	795	117	230	406	122	41	117
Occupied housing units	2 814	14 323	10 652	32 925	7 418	5 940	3 524	6 558	2 517	3 851	27 626	3 544
Complete plumbing for exclusive use	2 699	14 172	10 383	32 754	7 267	5 806	3 296	6 400	2 427	3 815	27 401	3 443
Lacking complete plumbing for exclusive use	115	151	269	171	151	134	228	158	90	36	225	101
Complete plumbing but used by another household	19	1	23	40	15	9	—	9	1	5	63	5
Some but not all plumbing facilities	52	109	168	118	97	79	163	102	56	21	109	56
No plumbing facilities	44	41	78	13	39	53	65	47	33	10	33	40
VALUE												
Specified owner-occupied housing units	1 498	8 458	4 497	20 635	3 344	3 152	1 806	2 857	1 372	2 180	17 013	1 819
Less than \$10,000	63	350	346	143	210	203	229	169	74	59	157	118
\$10,000 to \$19,999	241	1 508	992	403	699	653	621	684	291	135	782	293
\$20,000 to \$29,999	491	2 028	1 148	1 124	901	897	489	841	407	327	2 243	440
\$30,000 to \$49,999	516	3 247	1 348	4 724	1 120	980	396	904	505	1 054	6 364	628
\$50,000 to \$99,999	177	1 250	630	10 874	384	415	71	256	92	541	6 773	327
\$100,000 to \$149,999	10	60	32	2 708	28	4	—	3	3	55	528	7
\$150,000 to \$199,999	—	11	1	488	—	—	—	—	—	—	91	4
\$200,000 or more	—	4	—	171	2	—	—	—	—	—	75	2
Median	\$28 500	\$31 500	\$26 800	\$66 600	\$26 100	\$27 800	\$20 900	\$26 100	\$27 100	\$39 300	\$46 700	\$31 800
CONTRACT RENT												
Specified renter-occupied housing units	302	1 618	1 142	3 185	960	777	518	909	293	438	3 433	279
Median	\$140	\$161	\$145	\$251	\$138	\$143	\$124	\$141	\$125	\$182	\$214	\$146
Rooms												
Year-round housing units	5 014	15 377	12 288	34 472	8 346	12 793	4 055	8 328	4 695	5 028	29 055	4 304
1 room	70	63	96	74	45	41	41	83	65	65	122	21
2 rooms	191	131	202	196	107	581	58	170	300	63	304	87
3 rooms	672	568	867	1 186	420	1 493	340	618	791	364	1 048	295
4 rooms	1 505	2 886	2 923	5 343	1 756	3 701	826	1 682	1 341	1 095	4 566	890
5 rooms	1 237	4 397	3 119	7 084	1 993	3 391	1 208	1 972	994	1 425	6 623	1 190
6 rooms	761	3 570	2 291	7 677	1 765	1 851	815	1 577	578	1 060	6 751	904
7 rooms	327	1 832	1 450	5 496	1 152	849	448	999	332	504	4 714	483
8 or more rooms	251	1 930	1 340	7 416	1 108	715	319	1 227	208	452	4 927	434
Median, year-round housing units	4.6	5.4	5.2	5.9	4.6	5.1	5.3	4.3	5.2	5.2	5.8	5.2
Median, occupied housing units	5.0	5.5	5.3	6.0	5.5	5.2	5.2	5.6	4.9	5.4	5.8	5.3
Median, owner-occupied housing units	5.1	5.6	5.4	6.1	5.7	5.3	5.3	5.8	5.0	5.5	6.0	5.4
Median, renter-occupied housing units	4.1	4.6	4.6	4.4	4.7	4.4	4.4	4.6	4.4	4.4	4.3	4.9
Persons in Unit												
Occupied housing units	2 814	14 323	10 652	32 925	7 418	5 940	3 524	6 558	2 517	3 851	27 626	3 544
1 person	553	1 835	1 951	3 978	1 393	1 195	1 295	508	542	3 286	621	621
2 persons	1 139	4 095	3 560	8 900	2 398	2 195	1 195	2 140	970	1 244	8 092	1 248
3 persons	407	2 707	1 639	6 230	1 136	878	537	1 018	377	683	5 109	549
4 persons	367	2 996	1 734	7 580	1 229	870	502	1 083	351	706	5 834	521
5 persons	198	1 628	1 044	3 994	734	504	304	585	167	407	3 295	350
6 persons	69	678	461	1 472	314	192	130	285	68	172	1 412	123
7 persons	37	256	176	530	132	71	39	102	32	60	438	84
8 or more persons	24	126	87	241	82	35	40	50	24	37	160	48
Median, occupied housing units	2.25	2.95	2.45	3.08	2.47	2.31	2.32	2.43	2.27	2.70	2.98	2.42
Median, owner-occupied housing units	2.25	3.00	2.44	3.22	2.49	2.33	2.35	2.45	2.28	2.84	3.12	2.42
Median, renter-occupied housing units	2.21	2.68	2.48	2.10	2.31	2.14	2.07	2.22	2.25	2.17	2.29	2.44
Persons Per Room												
Occupied housing units	2 814	14 323	10 652	32 925	7 418	5 940	3 524	6 558	2 517	3 851	27 626	3 544
1.00 or less	2 700	13 777	10 188	32 179	7 121	5 744	3 385	6 372	2 426	3 675	26 926	3 377
1.01 to 1.50	91	471	378	672	231	174	114	156	78	155	571	134
1.51 or more	23	75	86	74	66	22	25	30	13	21	129	33
Complete plumbing for exclusive use	2 699	14 172	10 383	32 754	7 267	5 806	3 296	6 400	2 427	3 815	27 401	3 443
1.00 or less	2 597	13 635	9 944	32 011	6 986	5 631	3 171	6 229	2 358	3 639	26 740	3 290
1.01 to 1.50	88	464	360	672	225	157	110	145	59	155	570	125
1.51 or more	14	73	79	71	56	18	15	26	10	21	91	28

¹Persons of Spanish origin may be of any race

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980—Con.**

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

The State Counties	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Total housing units	17 925	23 971	23 839	15 677	18 492	3 341	15 510	17 236	24 796	20 006	12 138	7 477
Vacant seasonal and migratory	4 977	75	1 389	1 231	2 813	1 291	56	591	3 164	732	28	879
Year-round housing units	12 948	23 896	22 450	14 446	15 679	2 050	15 454	16 645	21 632	19 274	12 110	6 598
YEAR-ROUND HOUSING UNITS												
Persons	16 374	75 165	66 219	39 600	40 789	4 613	47 238	49 917	57 660	59 264	36 974	14 903
Persons in occupied housing units	16 231	74 630	65 899	39 333	40 309	4 603	47 191	48 859	57 330	56 439	36 243	14 875
Per occupied housing unit	2.49	3.23	3.16	2.92	2.89	2.92	3.18	3.13	2.93	3.07	3.11	2.88
Owner-occupied housing units	14 204	67 712	58 541	32 901	34 062	3 992	41 651	42 543	46 239	48 843	31 575	13 083
Renter-occupied housing units	2 027	6 918	7 358	6 432	6 247	611	5 540	6 316	11 091	7 596	4 668	1 792
Tenure by Race and Spanish Origin of Householder												
Owner-occupied housing units	5 577	20 273	18 040	11 108	11 597	1 375	12 722	13 436	15 608	15 557	9 998	4 443
White	5 561	19 842	17 886	10 907	11 507	1 318	12 614	13 320	14 429	15 225	9 442	4 434
Black	—	168	94	155	—	—	—	31	1 022	215	476	—
Spanish origin ¹	—	370	110	39	128	—	47	109	129	81	50	20
Renter-occupied housing units	942	2 824	2 830	2 359	2 362	199	2 102	2 173	3 973	2 804	1 652	718
White	939	2 724	2 768	2 313	2 311	188	2 083	2 125	3 435	2 773	1 464	712
Black	—	52	31	23	—	—	—	2	388	19	165	—
Spanish origin ¹	—	38	40	4	46	—	14	69	134	19	42	2
Vacancy Status												
Vacant housing units	6 429	799	1 580	979	1 720	476	630	1 036	2 051	913	460	1 437
For sale only	240	154	256	208	129	36	101	92	190	212	124	157
Vacant less than 6 months	123	85	146	101	73	13	48	27	86	161	78	83
Median price asked	\$23 900	\$40 300	\$33 800	\$36 400	\$24 000	\$31 300	\$33 400	\$26 000	\$30 800	\$84 200	\$67 100	\$29 100
For rent	144	178	276	110	186	31	90	114	304	123	117	72
Vacant less than 2 months	71	52	66	47	44	—	30	55	115	26	45	26
Median rent asked	\$155	\$166	\$210	\$170	\$155	\$124	\$202	\$166	\$241	\$199	\$153	\$153
Other vacants	6 045	467	1 048	661	1 405	409	439	830	1 557	578	219	1 208
Plumbing Facilities												
Year-round housing units	12 948	23 896	22 450	14 446	15 679	2 050	15 454	16 645	21 632	19 274	12 110	6 598
Complete plumbing for exclusive use	12 609	23 460	21 968	14 202	15 245	1 830	15 205	16 233	21 184	19 008	11 918	6 241
Lacking complete plumbing for exclusive use	339	436	482	244	434	220	249	412	448	266	192	357
Complete plumbing but used by another household	9	37	59	26	46	—	29	42	49	95	37	15
Same but not all plumbing facilities	187	240	202	145	216	90	146	211	258	132	91	221
No plumbing facilities	143	159	221	73	172	130	74	159	141	39	64	121
Occupied housing units	6 519	23 097	20 870	13 467	13 959	1 574	14 824	15 609	19 581	18 361	11 650	5 161
Complete plumbing for exclusive use	6 461	22 767	20 581	13 272	13 725	1 499	14 667	15 350	19 272	18 149	11 512	5 023
Lacking complete plumbing for exclusive use	58	330	289	195	234	75	157	259	309	212	138	138
Complete plumbing but used by another household	5	35	43	24	38	—	29	41	49	91	37	13
Same but not all plumbing facilities	44	215	150	123	153	39	111	145	183	97	62	94
No plumbing facilities	9	80	96	48	43	36	17	73	77	24	39	31
VALUE												
Specified owner-occupied housing units	4 449	13 818	11 338	7 315	6 306	728	8 148	7 686	8 718	10 624	6 907	2 407
Less than \$10,000	130	240	214	181	212	58	163	184	372	47	44	152
\$10,000 to \$19,999	887	1 001	1 031	875	1 040	151	712	852	1 383	155	338	393
\$20,000 to \$29,999	1 389	2 386	1 861	1 657	1 711	168	1 398	1 715	1 845	461	656	563
\$30,000 to \$49,999	1 451	5 515	4 268	2 922	2 324	262	3 382	3 173	3 254	2 311	2 199	801
\$50,000 to \$99,999	560	4 473	3 659	1 563	969	89	2 392	1 706	1 735	5 760	2 867	461
\$100,000 to \$149,999	28	166	234	95	42	—	101	55	124	1 484	616	30
\$150,000 to \$199,999	4	19	6	10	8	—	—	—	5	299	153	5
\$200,000 or more	—	—	8	—	—	—	—	—	—	107	34	2
Median	\$28 500	\$41 700	\$41 300	\$35 500	\$31 100	\$29 100	\$39 800	\$36 300	\$33 600	\$67 000	\$52 300	\$32 100
CONTRACT RENT												
Specified renter-occupied housing units	885	2 210	2 232	1 938	1 730	123	1 584	1 544	3 132	2 047	1 333	574
Median	\$153	\$175	\$184	\$173	\$156	\$130	\$179	\$160	\$157	\$223	\$223	\$153
Rooms												
Year-round housing units	12 948	23 896	22 450	14 446	15 679	2 050	15 454	16 645	21 632	19 274	12 110	6 598
1 room	50	53	149	53	68	53	68	62	162	44	33	79
2 rooms	436	269	167	122	154	83	121	154	291	119	69	154
3 rooms	2 020	763	750	652	554	204	458	523	1 149	616	360	505
4 rooms	3 931	3 277	3 564	2 477	2 722	414	2 116	2 554	4 378	2 042	2 189	1 500
5 rooms	3 229	6 042	5 521	3 444	3 811	538	3 666	4 001	5 432	3 587	2 989	1 749
6 rooms	1 867	6 223	5 437	3 380	3 710	405	3 790	4 105	4 405	4 341	2 840	1 222
7 rooms	769	3 883	3 514	2 129	2 332	194	2 586	2 705	2 934	3 747	1 856	687
8 or more rooms	646	3 386	3 348	2 189	2 328	159	2 649	2 541	2 881	4 778	1 774	702
Median, year-round housing units	4.5	5.7	5.7	5.6	5.6	5.0	5.8	5.4	5.4	6.2	5.6	5.1
Median, occupied housing units	4.8	5.8	5.7	5.7	5.7	5.2	5.9	5.8	5.5	6.3	5.7	5.3
Median, owner-occupied housing units	5.0	5.9	5.9	5.9	5.9	5.3	6.0	5.9	5.7	6.4	5.8	5.4
Median, renter-occupied housing units	4.1	4.5	4.7	4.7	4.9	4.6	4.8	4.7	4.5	5.0	4.7	4.4
Persons in Unit												
Occupied housing units	6 519	23 097	20 870	13 467	13 959	1 574	14 824	15 609	19 581	18 361	11 650	5 161
1 person	1 386	3 070	3 067	2 180	2 590	245	2 041	2 321	3 458	2 272	1 581	880
2 persons	2 890	6 253	5 997	4 466	4 650	569	4 085	4 511	6 292	5 497	3 311	1 779
3 persons	897	4 070	3 496	2 359	2 211	250	2 658	2 694	3 382	3 630	2 259	872
4 persons	705	4 854	4 016	2 423	2 241	266	3 081	3 066	3 378	4 018	2 435	852
5 persons	415	2 921	2 474	1 246	1 343	140	1 754	1 839	1 812	1 921	1 249	477
6 persons	139	1 214	1 148	551	592	67	743	713	813	629	523	188
7 persons	37	480	478	163	206	21	327	286	259	272	195	78
8 or more persons	50	235	194	79	126	16	135	179	187	122	97	35
Median, occupied housing units	2.15	3.05	2.89	2.54	2.44	2.45	2.98	2.86	2.51	2.89	2.91	2.46
Median, owner-occupied housing units	2.17	3.21	3.00	2.60	2.45	2.45	3.11	2.97	2.56	2.99	3.00	2.48
Median, renter-occupied housing units	1.98	2.14	2.33	2.36	2.37	2.49	2.33	2.35	2.37	2.38	2.42	2.22
Persons Per Room												
Occupied housing units	6 519	23 097	20 870	13 467	13 959	1 574	14 824	15 609	19 581	18 361	11 650	5 161
1.00 or less	6 325	22 339	20 168	13 118	13 586	1 498	14 430	15 032	18 750	18 101	11 307	4 976
1.01 to 1.50	169	685	610	289	321	67	337	497	636	212	297	128
1.51 or more	25	73	92	60	52	9	57	80	195	48	46	57
Complete plumbing for exclusive use	6 461	22 767	20 581	13 272	13 725	1 499	14 667	15 350	19 272	18 149	11 512	5 023
1.00 or less	6 269	22 027	19 897	12 942	13 364	1 432	14 291	14 787	18 492	17 893	11 190	4 855
1.01 to 1.50	169	678	597	280	312	60	321	485	613	208	284	124
1.51 or more	23	62	87	50	49	7	55	78	167	48	38	44

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm 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]

The State Counties	The State	Alcona	Alger	Allegan	Alpena	Antrim	Arenac	Baraga	Barry	Bay	Benzie	Berrien
Occupied housing units	55 460	141	50	1 680	212	151	380	32	802	1 182	97	1 636
PERSONS												
Total persons	177 591	410	215	5 616	803	494	1 238	105	2 459	3 685	272	5 001
Persons in occupied housing units	177 591	410	215	5 616	803	494	1 238	105	2 459	3 685	272	5 001
Per occupied housing unit	3.20	2.91	4.30	3.34	3.79	3.27	3.26	3.28	3.07	3.12	2.80	3.06
Owner-occupied housing units	161 440	410	211	5 235	783	467	1 178	105	2 323	3 463	261	4 415
Renter-occupied housing units	16 151	-	4	381	20	27	60	-	136	222	11	586
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER												
Owner-occupied housing units	50 013	141	47	1 544	206	136	361	32	755	1 120	92	1 409
White	49 780	141	47	1 526	206	...	...	32	...	1 120	92	...
Black	129	-	-	...	-	-	-	-	-	-	-	-
Spanish origin ¹	118	-	-	-	-	-	...	-	-	-	-	-
Renter-occupied housing units	5 447	-	3	136	6	15	19	-	47	62	5	227
White	5 377	-	3	136	6	...	...	-	...	62	5	...
Black	15	-	-	...	-	-	-	-	-	-	-	...
Spanish origin ¹	53	-	-	-	-	-	...	-	-	-	-	-
PLUMBING FACILITIES												
Owner-occupied housing units	50 013	141	47	1 544	206	136	361	32	755	1 120	92	1 409
Complete plumbing for exclusive use	49 034	139	...	1 531	...	136	352	24	748	1 092	...	1 400
Lacking complete plumbing for exclusive use	979	2	...	13	...	-	9	8	7	28	...	9
Complete plumbing but used by another household	53	-	...	-	...	-	-	-	-	-	...	-
Some but not all plumbing facilities	610	2	...	10	...	-	5	8	6	20	...	7
No plumbing facilities	316	-	...	3	...	-	4	-	1	8	...	2
Renter-occupied housing units	5 447	-	3	136	6	15	19	-	47	62	5	227
Complete plumbing for exclusive use	5 272	-	...	132	...	15	16	-	47	57	...	214
Lacking complete plumbing for exclusive use	175	-	...	4	...	3	-	-	-	5	...	13
Complete plumbing but used by another household	16	-	...	-	...	-	2	-	-	-	...	9
Some but not all plumbing facilities	117	-	...	4	...	-	1	-	-	5	...	4
No plumbing facilities	42	-	...	-	...	-	-	-	-	-	...	-
ROOMS												
1 room	101	-	-	5	-	-	-	-	-	2	3	10
2 rooms	120	2	-	-	-	-	-	-	-	12	-	-
3 rooms	698	6	-	22	-	-	3	-	12	20	-	20
4 rooms	3 384	10	4	116	5	8	22	6	49	131	7	163
5 rooms	8 338	28	11	270	39	38	96	-	110	291	6	302
6 rooms	12 820	29	16	366	69	27	115	3	122	315	19	348
7 rooms	12 122	37	13	371	60	31	64	12	187	201	23	309
8 or more rooms	17 877	29	6	528	39	47	80	11	320	210	39	484
Median, occupied housing units	6.7	6.3	6.1	6.7	6.4	6.6	6.1	7.1	7.1	5.9	7.1	6.4
Median, owner-occupied housing units	6.7	6.3	...	6.7	...	6.7	6.1	7.1	7.0	6.0	...	6.4
Median, renter-occupied housing units	6.5	-	...	6.7	...	6.3	6.4	-	8.1	5.4	...	6.3
PERSONS IN UNIT												
1 person	6 321	16	2	125	15	25	32	6	72	173	10	174
2 persons	19 041	53	12	584	60	36	121	6	295	377	37	687
3 persons	9 638	31	5	287	17	22	58	3	149	238	27	250
4 persons	9 280	20	16	279	53	31	92	2	163	165	11	270
5 persons	6 067	12	4	243	49	24	30	12	81	119	6	153
6 persons	3 119	4	5	96	9	5	32	3	34	85	3	68
7 persons	1 245	5	4	47	4	3	9	-	8	20	3	30
8 or more persons	749	-	2	19	5	5	6	-	-	5	-	4
Median, occupied housing units	2.75	2.55	3.88	2.96	3.76	3.16	3.14	4.00	2.73	2.67	2.56	2.44
Median, owner-occupied housing units	2.74	2.55	...	3.02	...	3.41	3.18	4.00	2.68	2.72	...	2.46
Median, renter-occupied housing units	2.77	-	...	2.36	...	1.58	2.89	-	3.23	2.12	...	2.32
PERSONS PER ROOM												
Owner-occupied housing units	50 013	141	47	1 544	206	136	361	32	755	1 120	92	1 409
0.50 or less	33 633	102	...	951	...	74	209	20	537	688	...	1 031
0.51 to 0.75	9 708	17	...	383	...	30	67	9	151	225	...	224
0.76 to 1.00	5 508	19	...	187	...	28	69	3	59	184	...	123
1.01 to 1.50	964	-	...	21	...	4	16	-	7	21	...	21
1.51 or more	200	3	...	2	...	-	-	-	1	2	...	10
Renter-occupied housing units	5 447	-	3	136	6	15	19	-	47	62	5	227
0.50 or less	3 493	-	...	83	...	13	10	-	28	39	...	151
0.51 to 0.75	1 192	-	...	31	...	2	6	-	19	16	...	63
0.76 to 1.00	656	-	...	18	...	3	-	-	-	5	...	10
1.01 to 1.50	81	-	...	2	...	-	-	-	-	2	...	-
1.51 or more	25	-	...	2	...	-	-	-	-	-	...	3
Complete plumbing for exclusive use	54 306	139	48	1 663	207	151	368	24	795	1 149	97	1 614
Owner-occupied housing units	49 034	139	...	1 531	...	136	352	24	748	1 092	...	1 400
1.00 or less	47 969	136	...	1 508	...	132	337	24	740	1 071	...	1 369
1.01 to 1.50	898	-	...	21	...	4	15	-	7	21	...	21
1.51 or more	167	3	...	2	...	-	-	-	1	-	...	10
Renter-occupied housing units	5 272	-	...	132	...	15	16	-	47	57	...	214
1.00 or less	5 170	-	...	130	...	15	16	-	47	55	...	211
1.01 to 1.50	79	-	...	2	...	-	-	-	-	2	...	-
1.51 or more	23	-	...	-	...	-	-	-	-	-	...	3

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980—Con.**

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

The State Counties	Branch	Colhoun	Coss	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crowford	Delta	Dickinson	Edon
Occupied housing units	1 468	1 252	1 029	81	82	167	228	1 686	4	139	38	1 501
PERSONS												
Total persons	4 765	3 957	3 055	296	291	611	751	5 946	15	486	144	4 486
Persons in occupied housing units	4 765	3 957	3 055	296	291	611	751	5 946	15	486	144	4 486
Per occupied housing unit	3.25	3.16	2.97	3.65	3.55	3.66	3.29	3.53	...	3.50	3.79	2.99
Owner-occupied housing units	4 294	3 472	2 727	272	266	601	734	5 467	...	482	126	4 089
Renter-occupied housing units	471	485	328	24	25	10	17	479	...	4	18	397
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER												
Owner-occupied housing units	1 301	1 114	894	74	80	161	222	1 528	...	136	33	1 381
White .....	...	1 099	869	74	80	161	222	1 522	...	...	33	1 372
Black .....	...	...	19	—	—	—	—	—	...	—	—	—
Spanish origin ¹ .....	...	...	—	—	—	—	—	10	—	—	—	1
Renter-occupied housing units	167	138	135	7	2	6	6	158	...	3	5	120
White .....	...	138	135	7	2	6	6	154	...	...	5	110
Black .....	...	...	—	—	—	—	—	—	...	—	—	—
Spanish origin ¹ .....	...	...	—	—	—	—	—	2	—	—	—	10
PLUMBING FACILITIES												
Owner-occupied housing units	1 301	1 114	894	74	80	161	222	1 528	...	136	33	1 381
Complete plumbing for exclusive use	1 235	1 095	875	...	...	...	...	1 484	...	...	...	1 346
Lacking complete plumbing for exclusive use	66	19	19	...	...	...	...	44	...	...	...	35
Complete plumbing but used by another household	—	2	2	...	...	...	...	7	...	...	...	—
Some but not all plumbing facilities	21	9	17	...	...	...	...	28	...	...	...	27
No plumbing facilities	45	8	—	...	...	...	...	9	...	...	...	8
Renter-occupied housing units	167	138	135	7	2	6	6	158	...	3	5	120
Complete plumbing for exclusive use	163	138	130	...	...	...	...	158	...	...	...	120
Lacking complete plumbing for exclusive use	4	—	5	...	...	...	...	—	...	...	...	—
Complete plumbing but used by another household .....	—	—	—	...	...	...	...	—	...	...	...	—
Some but not all plumbing facilities	4	—	1	...	...	...	...	—	...	...	...	—
No plumbing facilities	—	—	4	...	...	...	...	—	...	...	...	—
ROOMS												
1 room	—	—	—	—	—	—	—	2	...	—	—	—
2 rooms	7	2	2	—	—	—	—	2	...	—	—	2
3 rooms	10	16	19	—	—	—	—	12	...	—	—	12
4 rooms	98	58	91	8	10	12	11	53	...	10	4	95
5 rooms	158	179	147	16	14	43	26	187	...	22	—	202
6 rooms	338	252	205	12	27	54	73	354	...	30	6	385
7 rooms	358	263	192	20	15	35	48	392	...	38	11	341
8 or more rooms	499	482	373	25	16	23	68	684	...	39	12	464
Median, occupied housing units	6.8	7.0	6.8	6.7	6.1	6.0	6.5	7.1	...	6.7	6.9	6.7
Median, owner-occupied housing units	6.9	7.0	6.8	...	...	...	...	7.1	...	...	...	6.6
Median, renter-occupied housing units	6.4	6.4	6.6	...	...	...	...	7.0	...	...	...	6.9
PERSONS IN UNIT												
1 person	198	116	158	12	4	7	16	193	...	11	—	164
2 persons	517	481	371	22	25	45	87	535	...	33	13	590
3 persons	269	215	175	13	18	40	37	255	...	37	12	291
4 persons	195	243	172	10	16	28	38	255	...	24	2	231
5 persons	126	105	116	13	10	20	24	200	...	8	6	148
6 persons	70	76	25	7	2	22	15	129	...	16	4	51
7 persons	46	14	10	4	2	—	—	51	...	2	—	20
8 or more persons	47	2	2	—	5	5	5	68	...	8	1	6
Median, occupied housing units	2.57	2.63	2.46	3.00	3.17	3.29	2.80	2.95	...	3.19	3.00	2.49
Median, owner-occupied housing units	2.53	2.56	2.46	...	...	...	...	3.00	...	...	...	2.46
Median, renter-occupied housing units	2.80	3.36	2.48	...	...	...	...	2.46	...	...	...	3.06
PERSONS PER ROOM												
Owner-occupied housing units	1 301	1 114	894	74	80	161	222	1 528	...	136	33	1 381
0.50 or less	919	834	669	...	...	...	...	993	...	...	...	1 056
0.51 to 0.75	205	180	159	...	...	...	...	292	...	...	...	186
0.76 to 1.00	125	94	55	...	...	...	...	192	...	...	...	120
1.01 to 1.50	40	4	11	...	...	...	...	44	...	...	...	13
1.51 or more	12	2	—	...	...	...	...	7	...	...	...	6
Renter-occupied housing units	167	138	135	7	2	6	6	158	...	3	5	120
0.50 or less	108	83	95	...	...	...	...	114	...	...	...	85
0.51 to 0.75	37	25	21	...	...	...	...	29	...	...	...	29
0.76 to 1.00	19	23	17	...	...	...	...	12	...	...	...	5
1.01 to 1.50	—	7	2	...	...	...	...	3	...	...	...	1
1.51 or more	3	—	—	...	...	...	...	—	...	...	...	—
Complete plumbing for exclusive use	1 398	1 233	1 005	81	82	164	224	1 642	...	137	36	1 466
Owner-occupied housing units	1 235	1 095	875	...	...	...	...	1 484	...	...	...	1 346
1.00 or less	1 212	1 089	866	...	...	...	...	1 433	...	...	...	1 329
1.01 to 1.50	23	4	9	...	...	...	...	44	...	...	...	13
1.51 or more	—	2	—	...	...	...	...	7	...	...	...	4
Renter-occupied housing units	163	138	130	...	...	...	...	158	...	...	...	120
1.00 or less	160	131	130	...	...	...	...	155	...	...	...	119
1.01 to 1.50	—	7	—	...	...	...	...	3	...	...	...	1
1.51 or more	3	—	—	...	...	...	...	—	...	...	...	—

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980—Con.**

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

The State Counties	Emmet	Genesee	Gladwin	Gogebic	Grand Traverse	Grafiat	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Occupied housing units -----	104	865	294	23	278	1 818	1 700	84	2 252	1 167	1 367	100
PERSONS												
Total persons -----	340	2 690	1 045	95	855	5 358	5 162	268	7 330	3 659	4 455	323
Persons in occupied housing units -----	340	2 690	1 045	95	855	5 358	5 162	268	7 330	3 659	4 455	323
Per occupied housing unit -----	3.27	3.11	3.55	4.13	3.08	2.95	3.04	3.19	3.25	3.14	3.26	3.23
Owner-occupied housing units -----	340	2 360	968	95	759	4 650	4 636	248	6 527	3 294	4 097	313
Renter-occupied housing units -----	-	330	77	-	96	708	526	20	803	365	358	10
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER												
Owner-occupied housing units ----	104	769	273	23	231	1 582	1 527	80	1 966	1 036	1 226	98
White -----	104	764	...	23	231	1 582	1 516	80	1 966	1 036	1 223	98
Black -----	-	...	...	-	-	-	...	-	-	...	...	-
Spanish origin ¹ -----	-	-	...	-	-	-	-	-	...	...	...	-
Renter-occupied housing units ----	-	96	21	-	47	236	173	4	286	131	141	2
White -----	-	90	...	-	47	236	173	4	286	129	140	2
Black -----	-	...	...	-	-	-	...	-	-	...	...	-
Spanish origin ¹ -----	-	-	...	-	-	-	-	-	...	...	...	-
PLUMBING FACILITIES												
Owner-occupied housing units ----	104	769	273	23	231	1 582	1 527	80	1 966	1 036	1 226	98
Complete plumbing for exclusive use -----	103	752	273	23	231	1 548	1 481	...	1 893	1 020	1 220	...
Lacking complete plumbing for exclusive use -----	1	17	-	-	-	34	46	...	73	16	6	...
Complete plumbing but used by another household -----	-	-	-	-	-	6	-	...	6	3	-	...
Some but not all plumbing facilities -----	1	11	-	-	-	22	15	...	37	6	6	...
No plumbing facilities -----	-	6	-	-	-	6	31	...	30	7	-	...
Renter-occupied housing units ----	-	96	21	-	47	236	173	4	286	131	141	2
Complete plumbing for exclusive use -----	-	86	19	-	47	234	169	...	276	131	137	...
Lacking complete plumbing for exclusive use -----	-	10	2	-	-	2	4	...	10	-	4	...
Complete plumbing but used by another household -----	-	-	-	-	-	-	-	...	-	-	-	...
Some but not all plumbing facilities -----	-	10	2	-	-	2	4	...	2	-	4	...
No plumbing facilities -----	-	-	-	-	-	-	-	...	8	-	-	...
ROOMS												
1 room -----	-	-	-	-	-	4	-	-	5	-	4	-
2 rooms -----	-	-	2	-	-	2	-	-	9	3	2	-
3 rooms -----	-	32	-	-	10	16	18	4	43	32	27	-
4 rooms -----	15	40	13	-	9	106	95	5	156	38	57	10
5 rooms -----	17	94	62	2	42	297	192	26	398	136	147	11
6 rooms -----	27	204	101	10	83	435	371	29	576	242	277	34
7 rooms -----	28	227	65	7	37	431	428	14	472	304	336	18
8 or more rooms -----	17	268	51	4	97	527	596	6	593	412	517	27
Median, occupied housing units -----	6.2	6.8	6.2	6.4	6.4	6.6	6.9	5.7	6.4	6.9	7.0	6.4
Median, owner-occupied housing units -----	6.2	6.8	6.1	6.4	6.6	6.6	6.9	...	6.4	7.0	7.0	...
Median, renter-occupied housing units -----	-	6.7	6.9	-	5.4	6.7	6.9	...	6.4	6.3	6.7	...
PERSONS IN UNIT												
1 person -----	10	124	17	-	14	266	210	8	341	124	144	6
2 persons -----	29	267	105	7	102	663	600	28	704	390	438	39
3 persons -----	34	162	44	6	56	277	303	17	332	189	226	18
4 persons -----	15	177	52	4	55	297	263	25	361	241	222	21
5 persons -----	3	65	38	-	34	199	160	4	249	110	160	8
6 persons -----	2	54	26	-	7	65	95	-	150	69	120	4
7 persons -----	11	5	8	2	2	39	40	-	57	35	34	-
8 or more persons -----	-	11	4	4	8	12	29	2	58	9	23	4
Median, occupied housing units -----	2.88	2.76	3.07	3.25	2.91	2.47	2.63	2.85	2.74	2.87	2.95	2.78
Median, owner-occupied housing units -----	2.88	2.71	3.01	3.25	2.97	2.42	2.59	...	2.76	2.89	3.07	...
Median, renter-occupied housing units -----	-	3.04	3.63	-	2.81	3.33	3.07	...	2.62	2.59	2.17	...
PERSONS PER ROOM												
Owner-occupied housing units ----	104	769	273	23	231	1 582	1 527	80	1 966	1 036	1 226	98
0.50 or less -----	76	539	162	11	179	1 137	1 079	...	1 244	708	764	...
0.51 to 0.75 -----	11	145	44	6	21	263	263	...	320	220	274	...
0.76 to 1.00 -----	12	72	58	6	23	147	153	...	294	74	162	...
1.01 to 1.50 -----	5	13	9	-	8	31	27	...	90	26	19	...
1.51 or more -----	-	-	-	-	-	4	5	...	18	8	7	...
Renter-occupied housing units ----	-	96	21	-	47	236	173	4	286	131	141	2
0.50 or less -----	-	50	12	-	35	142	110	...	195	91	107	...
0.51 to 0.75 -----	-	26	4	-	12	58	40	...	55	19	17	...
0.76 to 1.00 -----	-	20	3	-	-	31	23	...	30	13	16	...
1.01 to 1.50 -----	-	-	2	-	-	5	-	...	4	8	1	...
1.51 or more -----	-	-	-	-	-	-	-	...	2	-	-	...
Complete plumbing for exclusive use -----	103	838	292	23	278	1 782	1 650	78	2 169	1 151	1 357	98
Owner-occupied housing units -----	103	752	273	23	231	1 548	1 481	...	1 893	1 020	1 220	...
1.00 or less -----	98	746	264	23	223	1 513	1 454	...	1 789	989	1 197	...
1.01 to 1.50 -----	5	6	9	-	8	31	27	...	86	23	16	...
1.51 or more -----	-	-	-	-	-	4	-	...	18	8	7	...
Renter-occupied housing units -----	-	86	19	-	47	234	169	...	276	131	137	...
1.00 or less -----	-	86	17	-	47	229	169	...	270	123	136	...
1.01 to 1.50 -----	-	-	2	-	-	5	-	...	4	8	1	...
1.51 or more -----	-	-	-	-	-	-	-	...	2	-	-	...

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980—Con.**

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

**The State
Counties**

	Iron	Isabella	Jackson	Kalamozoo	Kalkasko	Kent	Keweenaw	Lake	Lapeer	Leelanau	Lenowee	Livingston
Occupied housing units	32	1 058	1 252	919	34	1 278	-	63	1 009	251	2 197	721
PERSONS												
Total persons	101	3 564	3 864	2 725	77	4 317	-	221	3 721	896	6 286	2 344
Persons in occupied housing units	101	3 564	3 864	2 725	77	4 317	-	221	3 721	896	6 286	2 344
Per occupied housing unit	3.16	3.37	3.09	2.97	2.26	3.38	-	3.51	3.69	3.57	2.86	3.25
Owner-occupied housing units	93	3 360	3 510	2 447	77	3 885	-	214	3 369	811	5 419	2 071
Renter-occupied housing units	8	204	354	278	-	432	-	7	352	85	867	273
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER												
Owner-occupied housing units	30	984	1 138	819	34	1 119	-	60	910	224	1 912	646
White	30	...	...	818	34	1 108	-	60	901	224	1 907	...
Black	-	-	-	-	-	-	-	-	-	-	-	-
Spanish origin ¹ .....	-	...	...	...	-	4	-	-	...	-	...	-
Renter-occupied housing units	2	74	114	100	-	159	-	3	99	27	285	75
White	2	...	...	98	-	151	-	3	99	27	285	...
Black	-	-	-	-	-	-	-	-	-	-	-	-
Spanish origin ¹ .....	-	...	...	...	-	8	-	-	...	-	...	-
PLUMBING FACILITIES												
Owner-occupied housing units	30	984	1 138	819	34	1 119	-	60	910	224	1 912	646
Complete plumbing for exclusive use .....	...	968	1 118	817	32	1 108	-	...	898	222	1 882	644
Lacking complete plumbing for exclusive use .....	...	16	20	2	2	11	-	...	12	2	30	2
Complete plumbing but used by another household .....	...	2	2	-	-	-	-	...	-	-	3	-
Some but not all plumbing facilities .....	...	12	18	2	2	2	-	...	2	2	19	2
No plumbing facilities .....	...	2	-	-	-	9	-	...	10	-	8	-
Renter-occupied housing units	2	74	114	100	-	159	-	3	99	27	285	75
Complete plumbing for exclusive use .....	...	72	114	100	-	148	-	...	99	27	285	75
Lacking complete plumbing for exclusive use .....	...	2	-	-	-	11	-	...	-	-	-	-
Complete plumbing but used by another household .....	...	-	-	-	-	-	-	...	-	-	-	-
Some but not all plumbing facilities .....	...	2	-	-	-	11	-	...	-	-	-	-
No plumbing facilities .....	...	-	-	-	-	-	-	...	-	-	-	-
ROOMS												
1 room	-	-	2	-	-	21	-	-	-	-	2	-
2 rooms	-	2	2	6	-	9	-	-	-	2	-	-
3 rooms	-	8	16	10	-	9	-	3	17	10	20	10
4 rooms	3	61	66	75	-	50	-	...	52	13	105	32
5 rooms	3	153	178	124	24	92	-	15	168	44	272	91
6 rooms	13	218	243	226	3	299	-	13	215	36	573	106
7 rooms	2	224	230	232	2	294	-	6	168	59	500	159
8 or more rooms	11	392	515	246	5	504	-	24	389	87	725	323
Median, occupied housing units	6.3	6.9	7.0	6.6	5.2	7.0	-	6.4	6.8	6.8	6.8	7.3
Median, owner-occupied housing units .....	...	7.0	7.1	6.7	5.2	7.0	-	...	6.8	6.9	6.7	7.3
Median, renter-occupied housing units .....	...	6.0	6.4	5.3	-	7.0	-	...	6.5	6.3	6.9	7.1
PERSONS IN UNIT												
1 person	-	122	154	137	14	102	-	6	92	15	357	62
2 persons	10	359	447	322	8	352	-	17	252	78	800	256
3 persons	9	179	274	170	7	248	-	16	179	56	351	138
4 persons	10	136	180	133	2	257	-	11	203	30	346	111
5 persons	-	159	111	92	-	189	-	6	130	39	205	74
6 persons	3	51	63	45	3	103	-	3	100	15	94	42
7 persons	-	24	13	18	-	20	-	2	34	12	26	31
8 or more persons	-	28	10	2	-	7	-	2	19	6	18	7
Median, occupied housing units	3.17	2.77	2.59	2.50	1.88	3.25	-	3.03	3.40	3.08	2.48	2.81
Median, owner-occupied housing units .....	...	2.74	2.55	2.56	1.88	3.26	-	...	3.43	3.20	2.39	2.69
Median, renter-occupied housing units .....	...	2.97	2.84	2.28	-	3.13	-	...	3.20	2.55	2.99	3.63
PERSONS PER ROOM												
Owner-occupied housing units	30	984	1 138	819	34	1 119	-	60	910	224	1 912	646
0.50 or less .....	...	649	840	609	26	730	-	...	492	117	1 425	452
0.51 to 0.75 .....	...	212	207	145	5	240	-	...	223	69	306	137
0.76 to 1.00 .....	...	88	70	51	-	139	-	...	158	25	165	55
1.01 to 1.50 .....	...	29	15	6	3	10	-	...	33	13	11	2
1.51 or more .....	...	6	6	8	-	-	-	...	4	-	5	-
Renter-occupied housing units	2	74	114	100	-	159	-	3	99	27	285	75
0.50 or less .....	...	43	75	73	-	103	-	...	46	13	184	38
0.51 to 0.75 .....	...	17	22	14	-	13	-	...	44	8	68	21
0.76 to 1.00 .....	...	9	17	11	-	35	-	...	9	6	27	16
1.01 to 1.50 .....	...	5	-	2	-	-	-	...	-	-	6	-
1.51 or more .....	...	-	-	-	-	8	-	...	-	-	-	-
Complete plumbing for exclusive use	32	1 040	1 232	917	32	1 256	-	61	997	249	2 167	719
Owner-occupied housing units .....	...	968	1 118	817	32	1 108	-	...	898	222	1 882	644
1.00 or less .....	...	935	1 099	803	29	1 098	-	...	867	209	1 866	642
1.01 to 1.50 .....	...	27	13	6	3	10	-	...	27	13	11	2
1.51 or more .....	...	6	6	8	-	-	-	...	4	-	5	-
Renter-occupied housing units .....	...	72	114	100	-	148	-	...	99	27	285	75
1.00 or less .....	...	67	114	98	-	140	-	...	99	27	279	75
1.01 to 1.50 .....	...	5	-	2	-	-	-	...	-	-	6	-
1.51 or more .....	...	-	-	-	-	8	-	...	-	-	-	-

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980—Con.**

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

The State Counties	Luce	Mackinac	Macomb	Manistee	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Occupied housing units	21	43	543	207	37	423	421	285	569	288	1 609	1 103
PERSONS												
Total persons	105	166	1 876	633	141	1 393	1 384	1 009	1 919	1 003	4 822	3 445
Persons in occupied housing units	105	166	1 876	633	141	1 393	1 384	1 009	1 919	1 003	4 822	3 445
Per occupied housing unit	5.00	3.86	3.45	3.06	3.81	3.29	3.29	3.54	3.37	3.48	3.00	3.12
Owner-occupied housing units	105	162	1 592	586	128	1 362	1 284	988	1 834	986	4 357	3 078
Renter-occupied housing units	—	4	284	47	13	31	100	21	85	17	465	367
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER												
Owner-occupied housing units	21	40	478	196	35	412	392	278	540	283	1 451	976
White	21	40	...	196	35	412	388	278	540	283	...	976
Black	—	—	—	—	—	—	—	—	—	—	—	—
Spanish origin ¹	—	—	9	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	—	3	65	11	2	11	29	7	29	5	158	127
White	—	3	...	11	2	11	29	7	29	5	...	127
Black	—	—	—	—	—	—	—	—	—	—	—	—
Spanish origin ¹	—	—	5	—	—	—	—	—	—	—	—	—
PLUMBING FACILITIES												
Owner-occupied housing units	21	40	478	196	35	412	392	278	540	283	1 451	976
Complete plumbing for exclusive use	21	...	466	189	...	401	384	...	532	...	1 411	941
Lacking complete plumbing for exclusive use	—	...	12	7	...	11	8	...	8	...	40	35
Complete plumbing but used by another household	—	...	—	—	...	3	—	...	—	...	—	—
Some but not all plumbing facilities	—	...	7	2	...	8	—	...	5	...	40	31
No plumbing facilities	—	...	5	5	...	2	—	...	3	...	—	4
Renter-occupied housing units	—	3	65	11	2	11	29	7	29	5	158	127
Complete plumbing for exclusive use	—	...	59	11	...	9	29	...	29	...	142	117
Lacking complete plumbing for exclusive use	—	...	6	—	...	2	—	...	—	...	16	10
Complete plumbing but used by another household	—	...	—	—	...	—	—	...	—	...	—	—
Some but not all plumbing facilities	—	...	—	—	...	2	—	...	—	...	9	4
No plumbing facilities	—	...	6	—	...	—	—	...	—	...	7	6
ROOMS												
1 room	—	—	—	—	—	2	—	2	—	4	5	3
2 rooms	—	—	—	—	—	7	—	—	—	3	—	2
3 rooms	—	4	7	6	—	2	7	4	11	6	8	12
4 rooms	1	2	30	12	—	28	29	38	39	11	88	61
5 rooms	3	4	61	41	11	57	57	55	131	51	235	156
6 rooms	5	15	161	47	6	117	89	60	153	67	364	261
7 rooms	6	5	143	35	8	98	83	47	105	65	399	259
8 or more rooms	6	13	141	66	12	112	156	79	130	81	510	349
Median, occupied housing units	6.8	6.3	6.6	6.4	6.7	6.5	6.8	6.2	6.2	6.5	6.8	6.7
Median, owner-occupied housing units	6.8	...	6.6	6.4	...	6.5	6.9	...	6.1	...	6.8	6.7
Median, renter-occupied housing units	—	...	6.5	8.5+	...	6.0	6.4	...	8.5+	...	6.5	6.8
PERSONS IN UNIT												
1 person	—	—	70	26	—	37	38	20	57	20	260	119
2 persons	6	16	159	78	10	159	145	92	199	92	600	447
3 persons	1	5	81	33	5	83	62	38	88	47	264	144
4 persons	2	7	114	21	13	58	71	57	73	50	227	179
5 persons	2	7	60	9	—	49	63	48	96	39	141	132
6 persons	8	4	32	27	4	21	37	21	38	24	57	47
7 persons	2	4	15	9	3	14	5	8	13	12	43	22
8 or more persons	—	—	12	4	2	2	—	1	5	4	17	13
Median, occupied housing units	5.25	3.57	3.02	2.49	3.77	2.69	2.94	3.30	2.82	3.18	2.41	2.47
Median, owner-occupied housing units	5.25	...	2.90	2.45	...	2.68	2.97	...	2.84	...	2.41	2.45
Median, renter-occupied housing units	—	...	3.69	6.00	...	2.75	2.46	...	2.38	...	2.39	2.92
PERSONS PER ROOM												
Owner-occupied housing units	21	40	478	196	35	412	392	278	540	283	1 451	976
0.50 or less	8	...	306	125	...	271	248	...	315	...	1 090	667
0.51 to 0.75	5	...	119	39	...	78	92	...	137	...	220	203
0.76 to 1.00	8	...	42	29	...	45	43	...	84	...	112	96
1.01 to 1.50	—	...	11	3	...	16	9	...	4	...	24	7
1.51 or more	—	...	—	—	...	2	—	...	—	...	5	3
Renter-occupied housing units	—	3	65	11	2	11	29	7	29	5	158	127
0.50 or less	—	...	32	4	...	10	17	...	21	...	108	86
0.51 to 0.75	—	...	17	4	...	1	7	...	5	...	33	34
0.76 to 1.00	—	...	11	—	...	—	5	...	—	...	13	3
1.01 to 1.50	—	...	5	—	...	—	—	...	3	...	4	4
1.51 or more	—	...	—	—	...	—	—	...	—	...	—	—
Complete plumbing for exclusive use	21	43	525	200	34	410	413	283	561	281	1 553	1 058
Owner-occupied housing units	21	...	466	189	...	401	384	...	532	...	1 411	941
1.00 or less	21	...	455	186	...	385	375	...	528	...	1 382	936
1.01 to 1.50	—	...	11	3	...	16	9	...	4	...	24	2
1.51 or more	—	...	—	—	...	—	—	...	—	...	5	3
Renter-occupied housing units	—	...	59	11	...	9	29	...	29	...	142	117
1.00 or less	—	...	54	11	...	9	29	...	26	...	138	113
1.01 to 1.50	—	...	—	—	...	—	—	...	3	...	4	4
1.51 or more	—	...	—	—	...	—	—	...	—	...	—	—

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980—Con.**

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

The State Counties	Montmorency	Muskegon	Newaygo	Oakland	Oceano	Ogemaw	Ontonogon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Occupied housing units -----	66	384	520	339	643	177	74	391	51	61	1 329	157
PERSONS												
Total persons -----	298	1 293	1 890	1 198	2 151	593	258	1 255	268	231	4 854	618
Persons in occupied housing units -----	298	1 293	1 890	1 198	2 151	593	258	1 255	268	231	4 854	618
Per occupied housing unit -----	4.52	3.37	3.63	3.53	3.35	3.35	3.49	3.21	5.25	3.79	3.65	3.94
Owner-occupied housing units -----	298	1 188	1 812	1 065	2 000	576	258	1 161	262	224	4 449	588
Renter-occupied housing units -----	—	105	78	133	151	17	—	94	6	7	405	30
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER												
Owner-occupied housing units ----	66	348	494	285	588	170	74	366	50	58	1 225	145
White -----	66	348	494	...	581	170	74	366	50	58	...	145
Black -----	—	—	—	—	—	—	—	—	—	—	—	—
Spanish origin ¹ -----	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units ----	—	36	26	54	55	7	—	25	1	3	104	12
White -----	—	36	26	...	48	7	—	25	1	3	...	12
Black -----	—	—	—	—	—	—	—	—	—	—	—	—
Spanish origin ¹ -----	—	—	—	—	—	—	—	—	—	—	—	—
PLUMBING FACILITIES												
Owner-occupied housing units ----	66	348	494	285	588	170	74	366	50	58	1 225	145
Complete plumbing for exclusive use -----	64	344	486	278	576	...	63	359	...	...	1 204	145
Lacking complete plumbing for exclusive use -----	2	4	8	7	12	...	11	7	...	...	21	—
Complete plumbing but used by another household -----	—	—	2	—	3	...	—	—	...	...	—	—
Some but not all plumbing facilities -----	2	4	2	7	9	...	9	5	...	...	21	—
No plumbing facilities -----	—	—	4	—	—	...	2	2	...	...	—	—
Renter-occupied housing units ----	—	36	26	54	55	7	—	25	1	3	104	12
Complete plumbing for exclusive use -----	—	36	23	47	53	...	—	23	...	...	100	12
Lacking complete plumbing for exclusive use -----	—	—	3	7	2	...	—	2	...	...	4	—
Complete plumbing but used by another household -----	—	—	—	—	—	...	—	—	...	...	—	—
Some but not all plumbing facilities -----	—	—	3	7	2	...	—	—	...	...	4	—
No plumbing facilities -----	—	—	—	—	—	...	—	2	...	...	—	—
ROOMS												
1 room -----	—	—	2	—	2	—	2	—	—	—	6	—
2 rooms -----	—	2	3	—	—	—	—	—	—	—	—	—
3 rooms -----	—	3	11	—	12	8	2	—	—	1	16	5
4 rooms -----	3	21	18	11	57	6	13	29	2	2	59	14
5 rooms -----	11	64	67	40	100	30	12	39	3	12	210	36
6 rooms -----	14	93	126	82	126	47	24	73	2	21	357	48
7 rooms -----	16	75	135	54	162	36	15	97	17	11	259	22
8 or more rooms -----	22	126	158	152	184	50	6	153	27	14	422	32
Median, occupied housing units -----	6.8	6.6	6.7	7.2	6.7	6.4	5.8	7.1	7.6	6.2	6.6	6.0
Median, owner-occupied housing units -----	6.8	6.6	6.7	7.3	6.7	...	5.8	7.1	...	...	6.6	6.0
Median, renter-occupied housing units -----	—	6.8	7.0	5.7	5.9	...	—	6.7	...	...	6.1	6.3
PERSONS IN UNIT												
1 person -----	—	39	40	27	59	21	10	34	2	7	67	2
2 persons -----	20	102	149	105	233	45	14	137	3	15	311	47
3 persons -----	4	89	77	73	103	26	10	67	4	11	301	27
4 persons -----	11	75	93	67	101	41	19	73	9	13	279	26
5 persons -----	10	49	100	44	79	33	9	33	13	7	208	17
6 persons -----	14	2	40	10	40	9	8	35	6	2	88	10
7 persons -----	4	18	12	7	14	2	—	7	—	2	40	17
8 or more persons -----	3	10	9	6	14	—	—	5	14	4	35	11
Median, occupied housing units -----	4.32	3.07	3.42	3.01	2.79	3.37	3.66	2.87	5.08	3.27	3.45	3.60
Median, owner-occupied housing units -----	4.32	3.03	3.47	3.31	2.79	...	3.66	2.78	...	...	3.44	3.44
Median, renter-occupied housing units -----	—	3.40	2.83	1.97	2.71	...	—	3.56	...	...	3.59	3.90
PERSONS PER ROOM												
Owner-occupied housing units ----	66	348	494	285	588	170	74	366	50	58	1 225	145
0.50 or less -----	28	220	281	177	375	...	25	268	...	...	712	71
0.51 to 0.75 -----	20	71	138	62	122	...	33	59	...	...	281	25
0.76 to 1.00 -----	14	42	56	39	70	...	10	35	...	...	204	23
1.01 to 1.50 -----	4	15	13	7	18	...	2	4	...	...	20	18
1.51 or more -----	—	—	6	—	3	...	4	—	...	...	8	8
Renter-occupied housing units ----	—	36	26	54	55	7	—	25	1	3	104	12
0.50 or less -----	—	19	13	44	33	...	—	12	...	...	46	7
0.51 to 0.75 -----	—	11	11	10	10	...	—	5	...	...	22	5
0.76 to 1.00 -----	—	6	2	—	5	...	—	8	...	...	31	—
1.01 to 1.50 -----	—	—	—	—	3	...	—	—	...	...	5	—
1.51 or more -----	—	—	—	—	4	...	—	—	...	...	—	—
Complete plumbing for exclusive use -----	64	380	509	325	629	175	63	382	48	61	1 304	157
Owner-occupied housing units -----	64	344	486	278	576	...	63	359	...	...	1 204	145
1.00 or less -----	60	329	467	271	555	...	59	355	...	...	1 176	119
1.01 to 1.50 -----	4	15	13	7	18	...	2	4	...	...	20	18
1.51 or more -----	—	—	6	—	3	...	2	—	...	...	8	8
Renter-occupied housing units -----	—	36	23	47	53	...	—	23	...	...	100	12
1.00 or less -----	—	36	23	47	46	...	—	23	...	...	95	12
1.01 to 1.50 -----	—	—	—	—	3	...	—	—	...	...	5	—
1.51 or more -----	—	—	—	—	4	...	—	—	...	...	—	—

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980—Con.**

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

The State Counties	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Occupied housing units -----	4	2 055	1 030	1 253	2 202	18	1 410	1 808	1 294	1 379	223	139
PERSONS												
Total persons -----	7	6 383	3 506	4 022	7 063	60	4 461	5 412	4 049	4 028	568	432
Persons in occupied housing units -----	...	6 383	3 506	4 022	7 063	60	4 461	5 412	4 049	4 028	568	432
Per occupied housing unit -----	...	3.11	3.40	3.21	3.21	3.33	3.16	2.99	3.13	2.92	2.55	3.11
Owner-occupied housing units -----	...	6 053	3 287	3 382	6 505	60	4 025	4 962	3 510	3 467	495	405
Renter-occupied housing units -----	...	330	219	640	558	—	436	450	539	561	73	27
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER												
Owner-occupied housing units -----	...	1 918	965	1 055	2 014	18	1 268	1 652	1 091	1 169	192	134
White -----	950	1 055	2 010	18	1 266	...	1 048	1 169	192	134
Black -----	38	...	...	...
Spanish origin ¹ -----
Renter-occupied housing units -----	...	137	65	198	188	—	142	156	203	210	31	5
White -----	65	198	186	—	135	...	192	210	31	5
Black -----	9	...	...	...
Spanish origin ¹ -----
PLUMBING FACILITIES												
Owner-occupied housing units -----	...	1 918	965	1 055	2 014	18	1 268	1 652	1 091	1 169	192	134
Complete plumbing for exclusive use -----	...	1 898	947	1 002	1 986	18	1 254	1 647	1 081	1 141	179	...
Lacking complete plumbing for exclusive use -----	...	20	18	53	28	—	14	5	10	28	13	...
Complete plumbing but used by another household -----	...	—	—	—	—	—	—	—	—	9	—	...
Some but not all plumbing facilities -----	...	14	16	21	20	—	13	4	4	7	5	...
No plumbing facilities -----	...	6	2	32	8	—	1	1	6	12	8	...
Renter-occupied housing units -----	...	137	65	198	188	—	142	156	203	210	31	5
Complete plumbing for exclusive use -----	...	128	62	196	180	—	142	152	197	201	31	...
Lacking complete plumbing for exclusive use -----	...	9	3	2	8	—	—	4	6	9	—	...
Complete plumbing but used by another household -----	...	—	2	—	3	—	—	—	—	—	—	...
Some but not all plumbing facilities -----	...	3	—	2	5	—	—	2	6	9	—	...
No plumbing facilities -----	...	6	1	—	—	—	—	2	—	—	—	...
ROOMS												
1 room -----	...	—	—	—	2	—	—	—	11	—	—	—
2 rooms -----	...	3	2	—	8	—	4	—	3	7	—	2
3 rooms -----	...	16	7	8	22	—	29	16	15	13	—	3
4 rooms -----	...	175	65	85	137	2	75	82	105	82	23	5
5 rooms -----	...	367	157	185	385	—	189	307	218	176	64	27
6 rooms -----	...	538	258	231	559	5	295	444	307	220	71	35
7 rooms -----	...	412	224	261	468	3	327	414	249	275	40	31
8 or more rooms -----	...	544	317	483	621	8	491	545	386	606	25	36
Median, occupied housing units -----	...	6.4	6.6	7.0	6.5	7.2	6.8	6.6	6.5	7.2	5.8	6.4
Median, owner-occupied housing units -----	...	6.4	6.6	7.0	6.5	7.2	6.9	6.6	6.5	7.4	5.9	...
Median, renter-occupied housing units -----	...	6.1	6.3	6.6	6.0	—	6.2	6.8	6.1	6.6	5.4	...
PERSONS IN UNIT												
1 person -----	...	265	112	135	260	—	161	201	136	193	36	11
2 persons -----	...	762	310	485	740	7	486	697	498	461	98	49
3 persons -----	...	325	182	207	393	4	247	292	285	285	48	23
4 persons -----	...	320	197	193	353	3	238	329	208	228	31	33
5 persons -----	...	179	115	110	274	2	159	145	109	154	10	16
6 persons -----	...	122	69	78	124	—	79	87	54	40	—	7
7 persons -----	...	70	32	26	40	—	31	43	15	12	—	—
8 or more persons -----	...	12	13	19	18	2	7	14	27	6	—	—
Median, occupied housing units -----	...	2.50	3.01	2.53	2.76	3.00	2.73	2.52	2.55	2.62	2.27	2.91
Median, owner-occupied housing units -----	...	2.60	3.01	2.47	2.76	3.00	2.68	2.49	2.51	2.62	2.38	...
Median, renter-occupied housing units -----	...	2.02	3.05	3.02	2.73	—	3.01	2.83	2.86	2.65	1.81	...
PERSONS PER ROOM												
Owner-occupied housing units -----	...	1 918	965	1 055	2 014	18	1 268	1 652	1 091	1 169	192	134
0.50 or less -----	...	1 276	590	756	1 340	13	825	1 169	762	907	137	...
0.51 to 0.75 -----	...	379	208	187	400	3	293	284	222	179	42	...
0.76 to 1.00 -----	...	228	149	93	226	2	133	175	83	68	13	...
1.01 to 1.50 -----	...	31	18	13	22	—	15	24	15	11	—	...
1.51 or more -----	...	4	—	6	4	—	2	—	9	4	—	...
Renter-occupied housing units -----	...	137	65	198	188	—	142	156	203	210	31	5
0.50 or less -----	...	105	34	113	121	—	82	105	130	147	28	...
0.51 to 0.75 -----	...	16	20	52	31	—	35	34	51	41	3	...
0.76 to 1.00 -----	...	14	11	33	34	—	22	17	22	22	—	...
1.01 to 1.50 -----	...	2	—	—	2	—	3	—	—	—	—	...
1.51 or more -----	...	—	—	—	—	—	—	—	—	—	—	...
Complete plumbing for exclusive use -----	...	2 026	1 009	1 198	2 166	18	1 396	1 799	1 278	1 342	210	135
Owner-occupied housing units -----	...	1 898	947	1 002	1 986	18	1 254	1 647	1 081	1 141	179	...
1.00 or less -----	...	1 863	929	998	1 940	18	1 239	1 623	1 057	1 126	179	...
1.01 to 1.50 -----	...	31	18	4	42	—	13	24	15	11	—	...
1.51 or more -----	...	4	—	—	4	—	2	—	9	4	—	...
Renter-occupied housing units -----	...	128	62	196	180	—	142	152	197	201	31	...
1.00 or less -----	...	126	62	196	178	—	139	152	197	201	31	...
1.01 to 1.50 -----	...	2	—	—	2	—	3	—	—	—	—	...
1.51 or more -----	...	—	—	—	—	—	—	—	—	—	—	...

¹Persons of Spanish origin may be of any race.

Table 100. Selected Characteristics of Rural 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.]

The State Counties	The State	Alcona	Alger	Allegan	Alpena	Antrim	Arenac	Benoni	Berrien	Benzie	Berrien	
Year-round housing units	1 018 410	6 650	2 650	22 604	7 639	8 430	7 466	2 484	15 235	13 721	4 896	29 162
Complete kitchen facilities	991 503	5 987	2 428	22 180	7 353	8 198	7 140	2 223	14 861	13 434	4 748	28 733
UNITS IN STRUCTURE												
1	849 370	5 336	2 170	18 569	5 998	7 089	6 117	1 911	13 139	11 814	3 972	23 576
2 or more	67 934	492	199	1 284	741	613	402	290	667	791	293	4 293
Mobile home or trailer, etc.	101 106	822	281	2 751	900	728	947	283	1 429	1 116	631	1 293
HEATING EQUIPMENT												
Central heating system	830 392	4 279	1 488	18 850	6 143	5 780	5 448	1 423	11 983	11 809	3 798	25 131
Room heaters with flue	82 827	549	279	1 921	500	673	797	227	1 494	919	281	2 222
Room heaters without flue	16 502	178	79	223	118	339	254	166	241	199	51	445
Fireplaces, stoves, or portable room heaters	84 815	1 544	764	1 547	801	1 612	949	604	1 435	718	741	1 271
None	3 874	100	40	63	77	26	18	64	82	76	25	93
YEAR STRUCTURE BUILT												
1979 to March 1980	38 578	251	66	647	334	291	291	85	423	358	161	681
1975 to 1978	118 292	801	365	2 229	864	925	764	235	1 247	1 912	618	2 090
1970 to 1974	169 507	1 366	454	3 659	1 392	1 754	1 374	371	2 082	2 127	832	3 736
1960 to 1969	183 358	1 387	367	3 803	1 922	1 250	1 395	306	3 013	2 591	693	5 697
1940 to 1959	226 910	1 755	568	4 636	1 987	1 486	1 956	391	3 499	3 673	884	8 408
1939 or earlier	281 765	1 090	830	7 630	1 140	2 724	1 686	1 096	4 971	3 060	1 708	8 550
SOURCE OF WATER												
Public system or private company	224 632	516	326	3 330	1 449	2 506	1 695	713	1 717	6 450	1 505	10 112
Individual drilled well	737 282	5 573	2 060	18 293	5 668	5 741	5 311	1 261	13 036	6 472	3 250	18 084
Individual dug well	44 362	141	199	893	336	71	341	231	398	581	78	848
Some other source	12 134	420	65	88	186	112	119	279	84	218	63	118
SEWAGE DISPOSAL												
Public sewer	199 442	487	98	2 759	1 440	1 278	1 048	604	1 594	2 772	1 264	9 491
Septic tank or cesspool	793 678	5 466	2 353	19 468	5 912	6 979	6 127	1 662	13 290	10 668	3 501	19 369
Other means	25 290	697	199	377	287	173	291	218	351	281	131	302
AIR CONDITIONING												
None	852 261	6 480	2 603	18 658	7 390	8 077	6 827	2 292	13 020	11 232	4 707	17 723
Central system	55 103	36	9	1 107	48	70	108	46	456	893	46	4 010
1 or more individual room units	111 046	134	38	2 839	201	283	531	146	1 759	1 596	143	7 429
Occupied housing units	885 144	3 715	2 110	21 219	6 573	5 723	5 099	2 048	13 046	13 061	4 008	26 162
No telephone	42 079	251	194	1 115	316	369	582	131	507	502	298	1 222
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	154 276	623	343	3 611	1 123	1 116	833	240	2 086	1 959	731	4 930
1975 to 1978	256 031	969	614	6 155	1 830	1 565	1 396	517	3 698	3 640	1 168	6 869
1970 to 1974	166 770	852	433	3 914	1 255	1 161	1 033	459	2 408	2 274	749	4 331
1960 to 1969	149 182	660	277	3 501	1 306	858	843	303	2 603	2 224	607	4 836
1959 or earlier	158 885	611	443	4 038	1 063	1 023	994	529	2 251	2 964	753	5 196
HOUSE HEATING FUEL												
Utility gas	360 270	979	621	8 227	2 562	1 816	1 597	468	4 001	6 923	1 301	9 287
Bottled, tank, or LP gas	111 640	681	355	2 134	709	962	726	402	1 831	1 194	607	937
Electricity	54 278	174	84	596	157	433	221	86	592	534	223	5 876
Fuel oil, kerosene, etc.	293 810	1 292	560	8 849	2 476	1 557	1 947	625	5 375	3 722	1 305	9 004
Coal or coke	1 815	-	-	63	-	-	6	-	31	37	-	72
Wood	62 153	585	490	1 311	669	951	594	459	1 203	629	563	918
Other fuel	715	2	-	30	-	-	5	8	12	14	5	36
No fuel used	463	2	-	9	-	4	3	-	1	8	4	32
VEHICLES AVAILABLE												
Total:												
None	36 186	157	145	916	303	247	316	152	420	540	190	1 611
1	259 425	1 440	689	6 054	2 097	2 214	1 830	571	3 666	3 694	1 415	8 265
2	374 463	1 466	957	8 865	2 979	2 193	1 990	990	5 515	5 505	1 653	10 257
3 or more	215 070	652	319	5 384	1 198	1 069	963	335	3 445	3 322	750	6 029
Trucks or vans:												
None	484 280	1 983	820	11 470	3 213	3 245	2 906	912	6 508	7 269	2 211	15 498
1	357 109	1 507	1 145	8 750	3 074	2 187	1 978	1 025	5 908	5 170	1 586	9 399
2	38 701	206	128	837	236	244	193	107	543	577	180	1 129
3 or more	5 054	19	17	162	54	47	22	4	87	45	31	136
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	168 801	1 354	486	4 153	1 238	1 544	1 330	622	2 515	2 073	1 060	5 361
Owner-occupied housing units	150 756	1 263	437	3 679	1 104	1 415	1 184	520	2 309	1 880	966	4 491
Lacking complete plumbing for exclusive use	6 023	34	84	150	55	38	69	67	75	53	27	150
No complete kitchen facilities	3 441	20	28	73	36	24	47	16	48	42	18	78
No vehicle available	23 180	131	90	615	139	151	196	107	283	316	129	994
No telephone	6 871	51	44	140	58	55	100	39	69	106	38	169
Lacking central heating system	32 654	365	192	728	252	392	337	239	476	399	158	714
Lacking air conditioning	143 222	1 288	473	3 487	1 200	1 472	1 232	584	2 102	1 780	998	3 474
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	483 352	1 948	1 010	10 221	3 525	3 104	2 562	814	6 915	7 787	2 002	13 771
With a mortgage	290 950	654	502	5 900	2 044	1 523	1 134	336	4 143	4 765	951	7 728
Less than \$100	568	2	2	31	-	14	2	-	1	-	2	15
\$100 to \$199	12 083	88	36	254	152	113	79	49	216	98	113	274
\$200 to \$299	67 801	235	174	1 460	768	491	396	116	1 376	940	287	2 033
\$300 to \$399	90 844	199	155	2 001	670	517	394	115	1 424	1 771	321	2 648
\$400 to \$599	90 222	113	101	1 594	373	325	241	51	880	1 606	195	2 223
\$600 or more	29 432	17	14	360	81	63	22	3	246	350	33	535
Median	\$370	\$301	\$313	\$343	\$312	\$323	\$320	\$301	\$331	\$377	\$320	\$353
Not mortgaged	192 402	1 294	508	4 321	1 481	1 581	1 428	478	2 772	3 022	1 051	6 043
Median	\$150	\$130	\$127	\$140	\$143	\$141	\$133	\$137	\$141	\$169	\$139	\$147
GROSS RENT												
Specified renter-occupied housing units	106 628	373	221	2 426	753	783	563	266	1 350	1 354	582	5 326
Less than \$80	1 691	4	8	10	16	22	12	31	3	16	3	108
\$80 to \$99	1 225	7	9	15	10	3	17	7	12	15	8	49
\$100 to \$149	7 092	40	28	200	55	34	76	64	64	94	61	328
\$150 to \$199	17 241	112	41	470	188	145	125	64	233	217	127	874
\$200 to \$299	44 471	99	74	1 064	348	339	196	63	629	490	245	2 582
\$300 to \$399	16 717	17	14	345	38	100	46	4	176	285	43	798
\$400 or more	5 767	8	-	48	16	20	4	-	45	74	7	178
No cash rent	12 424	86	47	274	82	120	87	33	188	163	88	409
Median	\$242	\$189	\$201	\$230	\$214	\$231	\$204	\$163	\$237	\$247	\$212	\$240
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$18 542	\$10 582	\$12 309	\$17 988	\$15 587	\$13 945	\$13 187	\$12 639	\$18 969	\$20 908	\$13 388	\$17 299
Owner-occupied housing units	\$20 027	\$11 045	\$13 595	\$19 342	\$16 661	\$14 729	\$14 194</					

Table 100. Selected Characteristics of Rural Housing Units: 1980—Con.

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

The State
Counties

	Branch	Calhoun	Cass	Charlevoix	Cheboygon	Chippewo	Clare	Clinton	Crowford	Delta	Oickinson	Eaton
Year-round housing units	12 138	16 389	15 209	5 781	7 718	6 825	10 059	12 984	5 835	7 291	3 331	14 520
Complete kitchen facilities	11 822	16 080	14 903	5 657	7 503	6 378	9 489	12 793	5 460	6 876	3 187	14 307
UNITS IN STRUCTURE												
1	9 863	13 590	12 685	4 633	6 369	5 558	8 302	11 522	4 592	5 981	2 942	12 601
2 or more	740	1 229	846	397	411	431	376	798	492	413	68	995
Mobile home or trailer, etc.	1 535	1 570	1 678	751	938	836	1 381	664	751	897	321	924
HEATING EQUIPMENT												
Central heating system	9 823	14 241	12 280	4 524	5 501	4 954	6 773	11 463	4 018	5 140	2 647	12 867
Room heaters with flue	1 108	1 152	1 390	265	744	595	740	755	439	853	428	688
Room heaters without flue	230	187	282	57	76	214	252	136	134	178	64	148
Fireplaces, stoves, or portable room heaters	935	769	1 206	923	1 380	1 020	1 516	625	892	1 076	187	801
None	42	40	51	12	17	42	79	20	36	44	5	16
YEAR STRUCTURE BUILT												
1979 to March 1980	264	647	350	178	263	128	294	353	172	235	191	710
1975 to 1978	840	1 410	1 290	807	978	756	1 012	1 277	1 907	981	479	1 699
1970 to 1974	1 557	2 250	2 102	1 259	1 559	949	2 089	1 909	1 339	1 208	378	2 355
1960 to 1969	2 239	2 798	2 978	1 001	1 625	1 798	2 836	2 385	1 531	1 537	453	2 469
1940 to 1959	2 282	3 845	3 866	968	1 635	1 630	2 470	2 243	1 211	1 547	570	2 128
1939 or earlier	4 956	5 439	4 623	1 568	1 658	1 564	1 358	4 817	763	2 163	1 260	5 159
SOURCE OF WATER												
Public system or private company	2 376	2 119	1 951	1 505	477	1 443	961	2 510	908	527	1 237	2 784
Individual drilled well	8 831	13 594	12 562	4 150	7 089	4 848	8 496	10 046	4 655	5 643	1 777	11 250
Individual dug well	859	623	658	51	42	162	356	398	143	649	174	439
Some other source	72	53	38	75	110	372	246	30	129	472	143	47
SEWAGE DISPOSAL												
Public sewer	2 029	2 204	1 574	905	392	1 080	1 169	3 814	944	211	408	3 168
Septic tank or cesspool	9 819	13 872	13 396	4 772	7 138	5 251	8 307	8 941	4 539	6 703	2 768	11 140
Other means	290	313	239	104	188	494	583	229	352	377	155	212
AIR CONDITIONING												
None	9 966	12 421	10 371	5 598	7 509	6 738	9 398	10 248	5 562	7 050	3 007	11 698
Central system	579	1 566	1 788	42	37	21	77	733	72	85	81	1 037
1 or more individual room units	1 593	2 402	3 050	141	172	66	584	2 003	201	156	243	1 785
Occupied housing units	10 433	15 487	13 991	4 497	5 474	4 765	7 399	12 474	3 315	6 407	3 006	13 955
No telephone	751	554	471	284	339	500	563	336	871	253	73	415
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 846	2 621	2 182	872	979	893	1 427	1 699	749	931	493	2 498
1975 to 1978	2 793	4 124	4 032	1 304	1 589	1 414	2 350	3 345	1 107	1 998	777	4 163
1970 to 1974	2 014	2 750	2 446	877	1 185	786	1 677	2 390	689	1 154	495	2 617
1960 to 1969	1 839	2 778	2 791	729	899	800	1 126	2 498	462	953	440	2 374
1959 or earlier	1 941	3 214	2 540	715	822	872	819	2 542	308	1 371	801	2 303
HOUSE HEATING FUEL												
Utility gas	3 563	5 520	4 716	1 385	1 549	475	1 802	5 175	1 233	1 950	1 331	5 555
Bottled, tank, or LP gas	1 617	1 420	1 753	886	1 256	868	2 285	832	1 014	1 140	382	1 090
Electricity	565	847	2 109	180	351	414	563	580	225	353	206	696
Fuel oil, kerosene, etc.	3 906	6 992	4 299	1 245	1 245	2 285	1 812	5 308	400	2 204	946	5 851
Cool or coke, etc.	35	34	26	—	—	2	10	21	—	6	—	36
Wood	723	664	1 066	720	1 061	704	924	550	440	747	141	713
Other fuel	21	8	4	—	3	7	—	4	3	2	—	6
No fuel used	3	2	18	—	—	10	—	4	—	5	—	8
VEHICLES AVAILABLE												
Total:												
None	532	521	702	262	234	248	409	309	234	228	134	351
1	3 251	4 477	4 278	1 360	1 794	1 556	2 978	2 869	1 229	1 641	969	3 369
2	4 346	6 712	5 751	2 001	2 442	2 180	2 750	5 516	1 297	3 048	1 405	6 253
3 or more	2 304	3 777	3 260	874	1 004	781	1 262	3 780	555	1 490	498	3 982
Trucks or vans:												
None	5 578	8 334	7 482	2 198	2 632	1 979	4 194	6 093	1 906	2 544	1 431	6 672
1	4 363	6 290	5 772	2 012	2 508	2 510	2 905	5 662	1 294	3 457	1 443	6 428
2	451	788	642	256	304	233	265	620	94	343	115	735
3 or more	41	75	95	31	30	43	35	99	21	63	17	120
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	2 283	2 770	2 896	918	1 389	1 094	2 149	1 980	868	1 282	728	2 154
Owner-occupied housing units	2 057	2 533	2 598	816	1 286	1 006	1 973	1 797	756	1 171	690	1 980
Lacking complete plumbing for exclusive use	49	90	78	38	36	91	65	51	14	92	42	61
No complete kitchen facilities	58	54	29	23	17	59	34	41	10	57	24	42
No vehicle available	295	309	382	174	167	137	242	230	148	171	100	243
No telephone	103	79	135	39	36	120	91	42	44	67	16	68
Lacking central heating system	337	401	595	201	343	379	587	259	228	428	169	300
Lacking air conditioning	1 864	2 163	2 004	900	1 343	1 073	1 957	1 578	817	1 238	684	1 731
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	5 133	8 104	7 495	2 111	2 853	1 977	4 129	6 922	2 004	3 404	1 813	7 524
With a mortgage	2 840	4 721	4 094	1 164	1 296	854	2 040	4 579	1 041	1 831	841	5 413
Less than \$100	7	8	4	3	6	4	17	1	13	10	—	13
\$100 to \$199	123	156	201	52	110	86	382	143	131	109	36	150
\$200 to \$299	857	1 299	1 098	319	418	368	709	922	345	478	293	985
\$300 to \$399	1 009	1 473	1 442	381	442	244	547	1 443	361	686	261	1 694
\$400 to \$599	703	1 389	1 117	306	251	122	344	1 673	184	441	200	2 071
\$600 or more	141	396	232	103	69	30	41	397	7	107	51	500
Median	\$339	\$356	\$348	\$348	\$320	\$293	\$289	\$384	\$310	\$346	\$330	\$392
Not mortgaged	2 293	3 383	3 401	947	1 557	1 123	2 089	2 343	963	1 573	972	2 111
Median	\$146	\$159	\$149	\$151	\$133	\$119	\$130	\$166	\$143	\$141	\$127	\$164
GROSS RENT												
Specified renter-occupied housing units	1 488	1 805	1 880	609	620	656	869	1 187	506	561	227	1 326
Less than \$80	17	18	30	19	4	12	38	—	30	—	6	15
\$80 to \$99	18	1	4	8	7	7	15	2	9	7	—	8
\$100 to \$149	150	110	142	35	49	44	46	64	64	62	9	65
\$150 to \$199	293	198	322	106	118	103	149	232	124	162	24	197
\$200 to \$299	567	848	855	238	263	295	393	511	178	176	116	559
\$300 to \$399	244	354	235	85	59	53	92	132	73	51	33	266
\$400 or more	51	97	63	23	12	13	11	98	4	6	2	89
No cash rent	148	179	191	95	108	129	125	148	70	97	37	127
Median	\$226	\$263	\$232	\$229	\$217	\$229	\$226	\$240	\$221	\$200	\$248	\$257
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$16 534	\$20 061	\$16 586	\$14 886	\$13 463	\$13 041	\$11 285					

Table 100. Selected Characteristics of Rural Housing Units: 1980—Con.

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

The State Counties	Emmet	Genesee	Gladwin	Gogebic	Grand T Traverse	Grotriot	Hillsdale	Houghton	Huron	Ingham	Ionia	Iosco
Year-round housing units	7 772	33 635	11 975	3 413	15 778	8 346	13 431	9 556	13 797	13 117	11 416	13 722
Complete kitchen facilities	7 452	33 291	11 459	3 033	15 519	8 138	13 046	9 079	13 348	12 979	11 185	12 890
UNITS IN STRUCTURE												
1	6 155	29 128	9 536	2 955	11 894	7 316	11 044	7 705	12 002	11 021	9 323	11 248
2 or more	791	2 211	522	239	1 489	233	647	1 180	750	1 055	629	1 020
Mobile home or trailer, etc.	826	2 296	1 917	219	2 395	797	1 740	671	1 045	1 041	1 464	1 454
HEATING EQUIPMENT												
Central heating system	5 904	31 561	7 818	2 280	13 462	6 488	11 393	6 962	11 020	11 602	9 407	8 923
Room heaters with flue	707	1 342	1 818	297	622	918	861	1 026	1 693	752	864	2 716
Room heaters without flue	80	171	374	87	229	143	124	281	308	78	125	232
Fireplaces, stoves, or portable room heaters	999	530	1 895	698	1 437	751	1 009	1 230	710	674	986	1 776
None	82	31	70	51	28	46	44	57	66	11	34	75
YEAR STRUCTURE BUILT												
1979 to March 1980	423	1 519	399	90	1 506	104	317	120	299	606	307	467
1975 to 1978	903	4 709	1 351	306	3 629	535	1 119	541	872	1 364	1 041	1 179
1970 to 1974	1 611	6 360	2 440	324	3 229	937	1 937	618	1 569	2 279	1 577	1 946
1960 to 1969	1 208	7 449	3 168	288	2 559	1 993	2 141	694	2 015	2 201	1 816	3 411
1940 to 1959	1 364	8 085	2 998	710	2 586	1 614	1 782	873	3 577	2 522	1 674	4 911
1939 or earlier	2 263	5 513	1 619	1 695	2 269	3 963	6 135	6 710	5 465	4 145	5 001	1 808
SOURCE OF WATER												
Public system or private company	2 213	5 248	1 557	1 557	2 560	1 082	2 490	6 105	4 343	2 621	2 478	3 441
Individual drilled well	5 251	27 124	9 876	1 028	12 912	6 989	10 421	2 323	7 845	9 960	8 568	9 633
Individual dug well	113	1 161	382	535	223	247	387	749	1 474	465	333	482
Some other source	195	102	160	293	83	28	133	379	135	71	37	166
SEWAGE DISPOSAL												
Public sewer	2 069	13 186	1 498	1 073	2 323	1 353	2 384	4 376	3 155	2 790	2 438	2 431
Septic tank or cesspool	5 452	20 204	9 989	1 978	13 229	6 816	10 704	4 602	10 209	10 152	8 763	10 464
Other means	251	245	488	362	226	177	343	578	433	175	215	827
AIR CONDITIONING												
None	7 574	26 068	10 867	3 288	14 769	7 275	11 536	9 282	12 218	10 144	9 367	13 197
Central system	96	3 013	194	17	364	222	570	48	261	1 373	486	120
1 or more individual room units	102	4 554	914	108	645	849	1 325	226	1 318	1 600	1 563	405
Occupied housing units	5 752	32 307	7 159	2 476	13 420	7 700	11 667	8 366	11 579	12 566	10 734	7 834
No telephone	348	863	496	154	497	505	679	466	751	519	543	601
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 164	5 291	1 385	304	3 777	1 043	1 962	1 196	1 588	2 415	1 866	1 714
1975 to 1978	1 552	9 698	2 171	450	4 703	1 810	3 160	1 721	2 634	3 641	2 778	2 260
1970 to 1974	1 211	6 095	1 565	432	2 215	1 362	2 166	1 177	1 963	2 535	1 897	1 668
1960 to 1969	782	6 498	1 142	369	1 416	1 433	1 977	1 358	2 056	1 957	1 885	1 229
1959 or earlier	1 043	4 725	896	921	1 309	2 052	2 402	2 914	3 338	2 018	2 308	963
HOUSE HEATING FUEL												
Utility gas	2 019	21 384	1 966	361	6 938	2 567	3 471	2 445	4 838	4 334	3 612	4 217
Bottled, tank, or LP gas	1 046	1 852	1 668	337	1 164	1 220	2 547	839	1 444	1 265	1 390	983
Electricity	235	819	467	101	590	409	575	469	706	810	356	354
Fuel oil, kerosene, etc.	1 709	7 728	1 990	1 405	3 639	2 852	4 195	3 653	4 102	5 533	4 444	1 440
Cool or coke	0	30	0	0	0	0	0	0	0	0	0	0
Wood	720	471	1 062	261	1 067	626	795	944	453	608	880	833
Other fuel	13	25	0	0	3	1	13	3	9	3	17	0
No fuel used	10	18	6	0	15	8	2	2	2	0	4	4
VEHICLES AVAILABLE												
Total:												
None	300	731	439	232	381	296	553	1 125	708	344	458	395
1	1 788	7 649	2 716	830	4 451	2 207	3 628	3 273	4 460	2 812	3 223	3 301
2	2 506	14 490	2 747	1 025	5 945	3 289	5 013	2 895	4 439	5 720	4 406	2 931
3 or more	1 158	9 437	1 257	389	2 643	1 908	2 473	1 073	1 972	3 690	2 647	1 207
Trucks or vans:												
None	3 089	17 955	4 044	1 190	8 292	3 880	6 271	5 371	6 999	6 585	5 512	4 722
1	2 311	13 083	2 878	1 192	4 524	3 328	4 906	2 668	4 146	5 168	4 676	2 837
2	316	1 140	225	77	554	404	424	297	389	714	491	239
3 or more	36	129	12	17	50	88	66	30	45	99	55	36
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	1 278	3 698	1 992	822	2 162	1 594	2 625	2 777	3 375	1 761	2 095	2 093
Owner-occupied housing units	1 133	3 381	1 766	775	2 015	1 445	2 356	2 365	3 029	1 568	1 802	1 809
Lacking complete plumbing for exclusive use	45	42	74	95	67	67	109	322	127	34	50	70
No complete kitchen facilities	26	27	50	33	35	33	73	114	95	12	30	48
No vehicle available	207	404	266	168	200	209	374	771	522	220	277	233
No telephone	48	71	86	49	61	111	102	164	227	38	51	99
Lacking central heating system	295	334	543	208	257	397	396	683	589	234	358	382
Lacking air conditioning	1 261	2 815	1 749	796	1 990	1 426	2 277	2 670	3 015	1 420	1 628	1 970
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	2 782	21 741	3 495	1 335	7 378	3 299	5 415	4 760	5 827	6 572	5 026	4 653
With a mortgage	1 548	15 117	1 579	375	5 129	1 913	3 022	1 323	2 349	4 739	2 873	2 382
Less than \$100	9	34	2	2	4	8	5	3	18	4	6	6
\$100 to \$199	93	166	166	43	146	131	150	187	229	65	206	283
\$200 to \$299	354	2 530	565	139	920	577	946	532	765	716	838	823
\$300 to \$399	434	5 747	434	125	1 498	679	1 004	317	742	1 279	1 069	701
\$400 to \$599	450	5 522	322	54	1 959	417	759	241	491	1 942	659	472
\$600 or more	208	1 118	90	12	602	101	158	43	104	733	95	97
Median	\$369	\$384	\$311	\$302	\$400	\$337	\$337	\$290	\$321	\$425	\$332	\$312
Not mortgaged	1 234	6 624	1 916	960	2 249	1 386	2 393	3 437	3 478	1 833	2 153	2 271
Median	\$149	\$182	\$134	\$128	\$148	\$139	\$148	\$125	\$134	\$179	\$143	\$119
GROSS RENT												
Specified renter-occupied housing units	847	2 826	902	219	2 256	734	1 300	1 528	1 334	1 542	1 330	1 440
Less than \$80	12	10	107	13	36	3	14	83	3	6	62	74
\$80 to \$99	14	13	33	2	46	4	9	38	27	2	37	39
\$100 to \$149	65	45	66	30	59	52	133	240	129	55	124	249
\$150 to \$199	115	286	123	39	178	130	292	374	332	144	210	408
\$200 to \$299	325	1 418	362	64	878	335	464	451	471	632	561	451
\$300 to \$399	142	550	79	16	616	106	163	102	102	420	147	81
\$400 or more	69	312	11	0	272	9	49	58	31	117	30	10
No cash rent	105	192	121	55	171	95	176	182	239	166	159	128
Median	\$256	\$268	\$215	\$190	\$281	\$228	\$222	\$192	\$208	\$277	\$221	\$186
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$15 627	\$25 265	\$12 209	\$12 077	\$17 219	\$16 833	\$15 837	\$11 425	\$13 964	\$22 142	\$18 328	\$12 178
Owner-occupied housing units	\$16 620	\$26 428	\$13 180	\$12 325	\$							

Table 100. Selected Characteristics of Rural Housing Units: 1980—Con.

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

**The State
Counties**

	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Year-round housing units	6 188	10 934	24 031	20 274	4 649	26 492	1 168	7 721	19 734	7 221	21 068	27 966
Complete kitchen facilities	6 054	10 650	23 762	20 064	4 516	26 246	1 048	7 135	19 452	7 006	20 639	27 727
UNITS IN STRUCTURE												
1	5 235	8 381	19 735	16 751	3 462	23 002	1 041	6 185	17 124	5 852	18 671	24 891
2 or more	743	693	1 778	2 212	922	962	90	171	1 192	853	1 104	1 589
Mobile home or trailer, etc.	210	1 860	2 518	1 311	965	2 528	37	1 365	1 418	516	1 293	1 486
HEATING EQUIPMENT												
Central heating system	5 463	8 915	21 532	18 254	3 316	23 519	520	4 630	16 707	5 529	18 247	25 511
Room heaters with flue	254	900	1 223	939	495	1 307	321	1 255	1 245	343	1 717	1 471
Room heaters without flue	185	184	305	155	62	196	129	305	283	116	267	241
Fireplaces, stoves, or portable room heaters	281	895	1 054	885	750	1 451	181	1 481	1 478	1 187	711	1 012
None	5	40	28	41	26	19	17	49	21	46	126	25
YEAR STRUCTURE BUILT												
1979 to March 1980	133	381	863	879	181	1 546	12	166	833	339	422	1 778
1975 to 1978	428	1 502	2 703	2 851	773	3 913	55	721	2 845	1 042	1 610	5 028
1970 to 1974	472	2 162	4 010	3 027	1 157	4 710	49	1 232	3 749	1 265	2 648	6 228
1960 to 1969	342	2 093	4 558	3 849	922	5 034	56	1 756	3 298	1 268	3 114	4 996
1940 to 1959	1 250	1 706	5 471	4 524	831	5 188	140	2 107	3 470	1 333	5 158	4 963
1939 or earlier	3 563	3 090	6 426	5 144	785	6 101	856	1 739	5 539	1 974	8 116	4 973
SOURCE OF WATER												
Public system or private company	5 662	1 420	3 529	4 825	611	2 957	942	482	3 598	1 164	3 527	2 877
Individual drilled well	402	9 081	19 284	14 791	3 929	22 558	63	6 828	15 404	5 893	15 675	24 165
Individual dug well	77	386	1 017	635	70	896	71	274	695	106	1 700	818
Some other source	47	47	201	23	39	81	92	137	37	58	166	106
SEWAGE DISPOSAL												
Public sewer	3 709	1 526	5 102	3 350	638	4 221	356	179	3 123	1 288	4 795	2 473
Septic tank or cesspool	2 383	9 129	18 681	16 770	3 901	22 007	699	7 064	16 418	5 794	15 912	25 446
Other means	96	279	248	154	110	264	113	478	193	139	361	247
AIR CONDITIONING												
None	5 924	9 383	18 739	14 198	4 440	21 329	1 161	7 300	16 807	6 937	16 422	21 728
Central system	34	1 952	2 419	52	52	2 014	3	69	692	161	1 585	2 675
1 or more individual room units	230	1 205	3 340	3 657	157	3 149	4	352	2 235	123	3 061	3 563
Occupied housing units	5 430	9 899	22 765	19 448	3 795	25 467	833	3 050	18 871	5 023	18 140	26 436
No telephone	250	553	847	456	333	548	39	300	926	154	705	835
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	669	2 040	3 969	3 931	851	4 297	98	462	3 227	1 021	2 898	4 565
1975 to 1978	1 188	2 976	6 750	5 588	1 294	7 871	167	816	6 203	1 421	5 069	9 895
1970 to 1974	780	1 682	4 295	3 399	798	4 880	123	733	3 722	895	3 205	5 706
1960 to 1969	753	1 536	4 078	3 452	437	4 398	87	511	2 991	762	3 113	3 802
1959 or earlier	2 040	1 665	3 673	3 078	415	4 021	358	528	2 728	924	3 855	2 468
HOUSE HEATING FUEL												
Utility gas	3 405	3 966	11 293	9 419	853	9 556	—	85	6 869	1 014	6 690	14 410
Bottled, tank, or LP gas	376	2 090	2 511	702	1 237	2 743	89	1 027	2 076	664	3 135	2 106
Electricity	309	535	1 236	1 172	187	587	43	100	1 502	392	661	2 175
Fuel oil, kerosene, etc.	1 107	2 526	6 774	7 248	927	11 239	610	1 163	7 039	2 143	7 058	6 824
Coal or coke	2	8	32	33	3	48	—	6	21	—	74	27
Wood	229	762	909	837	585	1 283	91	658	1 341	804	510	883
Other fuel	—	8	6	15	—	11	—	6	12	—	7	9
No fuel used	2	4	4	22	3	—	—	5	11	6	5	2
VEHICLES AVAILABLE												
Total:												
None	705	380	795	773	179	583	90	328	590	164	626	583
1	1 945	3 081	6 462	5 150	1 339	6 187	379	1 294	4 764	1 550	5 190	6 073
2	2 098	4 199	9 609	8 322	1 675	11 088	290	997	8 061	2 202	7 864	11 878
3 or more	682	2 239	5 899	5 203	602	7 609	74	431	5 456	1 107	4 460	7 902
Trucks or vans:												
None	2 852	5 462	13 177	11 627	1 855	14 106	494	1 855	9 719	2 815	9 631	15 301
1	2 356	3 977	8 465	7 039	1 765	10 035	308	1 066	8 127	1 908	7 533	9 698
2	209	408	1 033	694	142	1 170	31	116	903	244	856	1 283
3 or more	13	52	90	88	33	156	—	13	122	56	120	154
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	1 997	1 675	3 811	3 214	875	3 868	376	1 198	2 740	1 254	3 393	3 277
Owner-occupied housing units	1 639	1 536	3 183	2 639	809	3 627	362	1 079	2 430	1 111	3 025	2 938
Lacking complete plumbing for exclusive use	67	62	83	58	31	85	36	47	109	30	109	36
No complete kitchen facilities	32	42	62	55	—	36	13	41	29	22	49	28
No vehicle available	506	225	480	596	120	393	71	203	363	105	440	383
No telephone	87	67	106	50	47	116	16	51	155	31	108	74
Lacking central heating system	230	424	421	378	260	512	184	503	546	246	498	382
Lacking air conditioning	1 925	1 473	2 872	2 217	846	3 227	373	1 109	2 345	1 209	2 685	2 479
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	3 363	4 230	12 798	11 145	1 844	14 915	589	1 429	10 384	2 640	10 307	17 293
With a mortgage	1 049	2 561	8 063	7 391	992	10 097	77	469	7 392	1 243	6 521	13 055
Less than \$100	2	6	18	7	5	10	—	15	2	4	15	14
\$100 to \$199	132	114	204	179	31	367	20	71	175	72	166	207
\$200 to \$299	447	694	1 851	1 371	343	2 098	32	198	1 543	265	1 182	1 368
\$300 to \$399	282	819	2 555	2 192	350	2 901	15	120	2 631	349	2 252	3 049
\$400 to \$599	163	772	2 719	2 519	219	3 109	10	51	2 517	406	2 411	5 565
\$600 or more	23	156	716	1 123	44	1 612	—	14	524	147	495	2 852
Median	\$287	\$355	\$374	\$397	\$331	\$389	\$252	\$280	\$375	\$383	\$385	\$456
Not mortgaged	2 314	1 669	4 735	3 754	852	4 818	512	960	2 992	1 397	3 786	4 238
Median	\$129	\$145	\$161	\$164	\$143	\$154	\$118	\$134	\$157	\$145	\$164	\$172
GROSS RENT												
Specified renter-occupied housing units	887	1 440	2 984	2 975	521	1 720	92	370	2 021	785	2 046	2 573
Less than \$80	119	7	78	49	37	11	5	15	8	11	4	13
\$80 to \$99	64	11	53	59	3	23	6	7	24	—	1	16
\$100 to \$149	128	108	219	285	21	71	9	18	100	29	76	104
\$150 to \$199	259	276	406	391	55	250	11	84	237	105	327	209
\$200 to \$299	190	697	1 238	1 386	224	671	26	134	890	289	899	853
\$300 to \$399	15	144	536	426	100	241	5	23	373	151	391	760
\$400 or more	—	79	148	154	18	121	—	9	142	55	93	322
No cash rent	112	118	306	225	63	332	30	80	247	145	255	295
Median	\$165	\$237	\$246	\$240	\$250	\$241	\$195	\$212	\$256	\$258	\$251	\$295
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$11											

Table 100. Selected Characteristics of Rural Housing Units: 1980—Con.

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

The State Counties	Luce	MacKinnac	Macomb	Manistee	Marquette	Mason	Mecosta	Menominee	Midland	Missaukee	Monroe	Montcalm
Year-round housing units	2 438	3 278	11 313	6 670	11 343	8 220	11 283	6 080	12 418	4 083	26 597	15 329
Complete kitchen facilities	2 351	3 067	11 178	6 354	10 910	7 987	10 871	5 811	12 051	3 864	26 024	14 842
UNITS IN STRUCTURE												
1	1 911	2 660	9 643	5 641	8 683	6 977	8 873	5 205	10 355	3 355	22 881	12 726
2 or more	193	296	1 087	290	1 126	368	387	310	403	119	2 339	839
Mobile home or trailer, etc.	334	322	583	739	1 534	875	2 023	565	1 660	609	1 377	1 764
HEATING EQUIPMENT												
Central heating system	1 604	1 792	10 317	4 780	8 639	6 289	8 049	4 765	9 934	2 951	23 484	11 641
Room heaters with flue	323	444	541	705	1 116	734	1 345	693	994	351	1 871	1 592
Room heaters without flue	103	106	75	93	324	140	299	67	229	90	315	253
Fireplaces, stoves, or portable room heaters	393	912	375	1 044	1 229	1 029	1 459	533	1 181	663	823	1 717
None	15	24	5	48	35	28	131	22	80	28	104	126
YEAR STRUCTURE BUILT												
1979 to March 1980	81	94	977	180	430	188	409	267	429	143	869	350
1975 to 1978	228	380	1 431	606	2 145	855	1 318	691	1 676	480	2 730	1 338
1970 to 1974	413	395	2 029	1 021	1 896	1 295	2 465	745	2 114	668	3 886	2 160
1960 to 1969	350	609	1 916	1 168	1 830	1 344	2 602	732	2 881	597	3 516	2 497
1940 to 1959	628	904	2 207	1 591	2 308	1 974	2 016	1 385	3 145	735	8 039	3 114
1939 or earlier	738	896	2 753	2 104	2 734	2 564	2 473	2 260	2 173	1 460	7 557	5 870
SOURCE OF WATER												
Public system or private company	1 163	565	3 692	817	4 271	1 286	1 361	565	1 779	576	11 310	2 647
Individual drilled well	1 199	2 446	6 352	5 425	5 928	6 645	10 445	5 046	9 240	3 382	12 964	12 061
Individual dug well	30	110	1 233	324	902	259	351	368	1 213	61	1 615	513
Some other source	46	157	36	104	242	30	126	101	186	64	708	108
SEWAGE DISPOSAL												
Public sewer	1 120	415	2 996	360	3 069	1 057	493	680	862	33	9 727	2 389
Septic tank or cesspool	1 229	2 679	8 164	5 995	7 930	7 004	10 420	5 143	11 256	3 790	16 421	12 551
Other means	89	184	153	315	344	159	370	257	300	260	449	389
AIR CONDITIONING												
None	2 386	3 251	8 465	6 328	10 782	7 728	10 516	5 629	10 445	3 932	18 045	13 517
Central system	11	2	1 174	74	89	175	205	85	365	14	3 037	337
1 or more individual room units	41	25	1 674	268	472	317	562	366	1 608	137	5 515	1 475
Occupied housing units	2 192	2 722	10 645	5 454	10 139	6 117	7 870	5 338	11 538	3 427	25 205	13 445
No telephone	199	230	341	338	459	354	476	351	530	186	1 020	1 190
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	446	427	2 011	784	2 028	1 041	1 685	765	1 992	601	3 843	2 292
1975 to 1978	491	776	3 262	1 412	3 283	1 675	2 302	1 335	3 603	1 009	7 261	3 543
1970 to 1974	409	483	2 024	1 049	1 544	1 117	1 478	939	2 005	714	4 329	2 528
1960 to 1969	389	471	1 689	1 008	1 462	975	1 217	760	1 988	455	4 483	2 263
1959 or earlier	457	565	1 659	1 201	1 822	1 309	1 188	1 539	1 950	648	5 289	2 819
HOUSE HEATING FUEL												
Utility gas	722	188	5 194	1 084	3 076	1 707	2 397	1 941	4 274	896	12 622	5 384
Bottled, tank, or LP gas	405	545	783	797	1 343	1 386	1 930	1 013	1 749	552	4 273	2 210
Electricity	90	378	994	303	1 241	223	391	225	400	199	1 443	545
Fuel oil, kerosene, etc.	655	933	3 309	2 494	3 478	2 012	2 190	1 788	4 005	1 270	6 125	3 819
Cool or coke	—	—	29	16	3	17	—	13	30	2	121	43
Wood	316	673	318	753	995	751	952	346	1 046	507	577	1 424
Other fuel	2	5	18	—	3	14	8	12	15	1	31	9
No fuel used	2	—	—	7	—	7	2	—	19	—	13	11
VEHICLES AVAILABLE												
Total:												
None	155	262	342	278	478	261	353	221	410	193	812	710
1	788	941	2 447	1 831	2 929	1 935	2 684	1 666	3 028	1 130	6 686	4 630
2	916	1 069	4 628	2 199	4 603	2 585	3 187	2 376	5 000	1 548	10 525	5 287
3 or more	333	450	3 228	1 146	2 129	1 336	1 646	1 075	3 100	556	7 182	2 818
Trucks or vans:												
None	1 091	1 341	6 056	3 028	4 536	3 193	4 349	2 410	6 119	1 650	14 264	7 533
1	1 005	1 219	4 010	2 170	5 010	2 610	3 145	2 646	4 856	1 622	9 670	5 326
2	76	142	495	212	538	286	333	242	532	141	1 128	525
3 or more	20	20	84	44	55	28	43	40	31	14	143	61
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	491	794	1 504	1 516	1 469	1 452	1 687	1 409	1 616	887	3 632	3 102
Owner-occupied housing units	418	730	1 324	1 393	1 332	1 311	1 561	1 281	1 497	813	3 098	2 789
Lacking complete plumbing for exclusive use	13	34	52	83	126	44	81	87	86	37	190	97
No complete kitchen facilities	6	31	41	52	69	19	39	66	68	28	115	48
No vehicle available	70	148	233	202	250	182	211	167	247	131	533	423
No telephone	16	46	63	77	74	47	62	98	77	24	143	176
Lacking central heating system	178	324	220	383	404	363	509	318	427	211	489	679
Lacking air conditioning	482	787	1 236	1 423	1 393	1 370	1 544	1 330	1 369	850	2 598	2 696
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	1 193	1 311	6 316	2 857	5 976	2 877	3 240	2 302	6 184	1 526	15 778	6 369
With a mortgage	527	470	4 545	1 257	3 600	1 516	1 736	1 026	3 898	716	10 171	3 101
Less than \$100	—	3	—	5	9	—	9	—	2	6	15	17
\$100 to \$199	76	79	22	69	114	122	147	53	147	71	250	250
\$200 to \$299	209	159	486	405	814	563	486	328	1 086	310	1 771	1 177
\$300 to \$399	146	132	1 006	440	1 179	492	570	347	1 252	201	3 181	1 000
\$400 to \$599	88	84	1 888	290	1 286	268	435	273	1 121	113	3 853	558
\$600 or more	8	13	1 143	48	198	71	89	25	290	15	1 101	99
Median	\$291	\$294	\$468	\$332	\$377	\$312	\$335	\$333	\$351	\$292	\$396	\$309
Not mortgaged	666	841	1 771	1 600	2 376	1 361	1 504	1 276	2 286	810	5 607	3 268
Median	\$125	\$116	\$202	\$137	\$145	\$136	\$135	\$128	\$148	\$122	\$175	\$128
GROSS RENT												
Specified renter-occupied housing units	318	392	1 283	567	1 540	634	1 051	545	1 216	319	3 529	1 646
Less than \$80	18	8	—	3	28	12	15	28	6	2	45	14
\$80 to \$99	15	2	5	5	31	4	7	4	6	—	5	37
\$100 to \$149	29	36	42	30	81	65	53	68	32	18	145	159
\$150 to \$199	80	111	66	116	251	129	172	140	142	101	497	352
\$200 to \$299	119	122	552	220	636	233	475	164	577	119	1 566	668
\$300 to \$399	13	17	330	59	233	63	161	23	257	16	667	170
\$400 or more	—	8	146	20	96	8	33	14	49	—	331	18
No cash rent	44	88	142	114	184	120	135	104	147	63	273	228
Median	\$195	\$198	\$286	\$225	\$248	\$220	\$237	\$193	\$255	\$205	\$264	\$216
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$13 462	\$12 137	\$25 745	\$14 447	\$19 369	\$15 100	\$13 730	\$13 662	\$19 708	\$12 396	\$22 170	\$14 916
Owner-occupied housing units	\$14 523	\$12 928	\$27 613	\$15 395	\$20 815	\$15 965	\$15 176	\$14 161	\$20 765	\$12 950	\$23 723	\$15 918
Renter-occupied housing units	\$8 542	\$9 466	\$16 312	\$10 39								

Table 100. Selected Characteristics of Rural Housing Units: 1980—Con.

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

The State Counties	Montmorency	Muskegon	Newaygo	Oakland	Oceana	Ogemow	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Year-round housing units	5 014	15 377	12 288	34 472	8 346	12 793	4 055	8 328	4 695	5 028	29 055	4 304
Complete kitchen facilities	4 745	15 179	11 902	34 145	8 155	11 509	3 860	7 886	4 109	4 803	28 859	4 087
UNITS IN STRUCTURE												
1	4 222	13 730	9 703	27 253	6 751	10 543	3 381	6 673	3 670	4 226	24 777	3 731
2 or more	290	639	458	2 622	483	423	366	601	311	229	2 462	190
Mobile home or trailer, etc.	502	1 008	2 127	4 597	1 112	1 827	308	1 054	714	573	1 816	383
HEATING EQUIPMENT												
Central heating system	2 628	12 458	8 540	32 289	6 312	8 090	3 180	5 954	1 925	3 847	26 575	3 056
Room heaters with flue	734	1 399	1 517	1 108	887	2 325	409	898	1 101	377	1 124	431
Room heaters without flue	453	255	278	179	173	320	38	114	174	43	192	71
Fireplaces, stoves, or portable room heaters	1 191	1 228	1 897	839	933	1 932	426	1 315	1 469	721	1 127	713
None	8	37	56	57	41	126	2	47	26	40	37	33
YEAR STRUCTURE BUILT												
1979 to March 1980	221	518	341	2 495	179	271	55	224	113	218	1 529	177
1975 to 1978	678	1 537	1 279	6 719	735	1 345	199	922	455	881	4 025	414
1970 to 1974	964	2 256	1 946	8 062	1 271	2 328	439	1 316	948	1 247	5 204	736
1960 to 1969	1 145	2 646	2 382	6 507	1 346	3 162	533	1 408	880	1 157	5 722	861
1940 to 1959	1 311	4 972	2 702	6 594	1 571	3 736	862	1 428	1 645	946	6 631	909
1939 or earlier	695	3 448	3 638	4 095	3 244	1 951	1 967	3 030	654	579	5 944	1 207
SOURCE OF WATER												
Public system or private company	283	2 202	1 260	8 062	2 159	900	1 977	2 080	137	193	7 255	532
Individual drilled well	4 436	12 125	10 273	25 355	5 816	10 943	1 694	5 871	4 125	4 564	19 805	3 581
Individual dug well	176	1 007	624	901	298	263	187	234	166	182	1 887	107
Some other source	119	43	131	154	73	687	197	143	267	89	108	84
SEWAGE DISPOSAL												
Public sewer	346	1 669	1 316	9 066	1 903	1 102	1 707	1 986	133	158	2 953	88
Septic tank or cesspool	4 341	13 529	10 602	24 984	6 206	10 341	2 167	5 929	3 908	4 684	25 754	4 038
Other means	327	179	370	422	237	1 350	181	413	654	186	348	178
AIR CONDITIONING												
None	4 839	14 074	11 281	25 375	7 816	12 285	3 830	7 832	4 468	4 852	24 272	4 214
Central system	45	278	198	3 976	88	66	20	71	38	28	1 822	12
1 or more individual room units	130	1 025	809	5 121	442	442	205	425	189	148	2 961	78
Occupied housing units	2 814	14 323	10 652	32 925	7 418	5 940	3 524	6 558	2 517	3 851	27 626	3 544
No telephone	304	596	845	686	555	595	223	406	285	225	555	240
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	516	2 367	1 767	6 398	1 193	1 072	522	1 130	435	764	5 326	496
1975 to 1978	840	3 740	3 018	11 985	1 965	1 749	642	1 738	816	1 350	8 181	815
1970 to 1974	608	2 657	2 107	6 786	1 416	1 299	599	1 197	609	916	4 948	757
1960 to 1969	411	2 604	1 835	4 902	1 308	938	681	1 108	363	466	4 727	660
1959 or earlier	439	2 955	1 925	2 854	1 536	882	1 080	1 385	294	355	4 444	816
HOUSE HEATING FUEL												
Utility gas	36	6 879	2 053	20 509	2 360	1 191	777	2 257	19	1 057	17 252	166
Bottled, tank, or LP gas	921	1 579	2 547	1 801	1 278	1 636	323	1 066	763	828	1 163	1 050
Electricity	131	484	354	1 771	311	458	214	291	191	335	819	76
Fuel oil, kerosene, etc.	1 036	4 409	4 160	8 054	2 678	1 841	1 876	2 051	762	1 136	7 233	1 694
Cool or coke	—	5	28	28	4	10	4	16	—	3	84	2
Wood	690	953	1 494	747	774	781	330	864	773	490	1 001	554
Other fuel	—	3	10	—	2	18	—	7	2	2	51	—
No fuel used	—	11	6	15	11	5	—	6	7	—	23	2
VEHICLES AVAILABLE												
Total:												
None	152	413	620	505	507	306	260	453	176	111	656	153
1	1 082	3 927	3 542	7 841	2 552	2 258	1 149	2 487	798	1 296	6 472	1 182
2	1 172	6 092	4 140	14 856	2 806	2 391	1 579	2 461	1 132	1 650	12 764	1 530
3 or more	408	3 891	2 350	9 723	1 553	985	536	1 157	411	794	7 734	679
Trucks or vans:												
None	1 381	7 922	5 614	19 309	4 186	2 996	1 654	3 670	1 110	1 981	16 642	1 681
1	1 272	5 683	4 533	12 128	2 888	2 629	1 674	2 681	1 274	1 640	9 819	1 649
2	143	648	457	1 295	293	278	184	178	123	175	1 047	187
3 or more	18	70	48	193	51	37	12	29	10	55	118	27
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	917	2 165	2 672	3 446	1 823	1 689	1 048	1 707	792	799	3 731	1 022
Owner-occupied housing units	847	1 970	2 396	3 027	1 628	1 524	926	1 478	725	737	3 362	959
Lacking complete plumbing for exclusive use	37	73	127	57	65	54	130	72	12	16	59	45
No complete kitchen facilities	13	34	71	61	44	48	52	47	11	5	24	29
No vehicle available	90	222	428	325	339	190	177	314	95	74	400	112
No telephone	70	91	119	63	111	102	75	84	56	21	60	57
Lacking central heating system	378	464	829	227	430	407	280	413	303	172	346	279
Lacking air conditioning	886	2 002	2 420	2 520	1 730	1 560	991	1 615	725	770	3 130	997
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	1 498	8 458	4 497	20 635	3 344	3 152	1 806	2 857	1 372	2 180	17 013	1 819
With a mortgage	655	4 919	2 090	16 260	1 514	1 370	749	1 294	582	1 298	11 549	761
Less than \$100	7	8	6	—	18	7	—	2	4	6	11	2
\$100 to \$199	78	436	215	212	118	135	71	92	84	78	379	71
\$200 to \$299	251	1 561	795	1 692	634	541	378	502	273	462	2 859	222
\$300 to \$399	233	1 726	592	3 487	456	383	186	424	186	368	3 831	262
\$400 to \$599	72	1 021	418	6 711	246	280	97	259	66	304	3 417	172
\$600 or more	14	167	64	4 158	42	24	17	15	9	80	1 052	32
Median	\$297	\$324	\$304	\$472	\$298	\$300	\$279	\$310	\$274	\$328	\$362	\$327
Not mortgaged	843	3 539	2 407	4 375	1 830	1 782	1 057	1 563	790	882	5 464	1 058
Median	\$138	\$146	\$134	\$191	\$136	\$135	\$132	\$133	\$123	\$143	\$150	\$153
GROSS RENT												
Specified renter-occupied housing units	302	1 618	1 142	3 185	960	777	518	909	293	438	3 433	279
Less than \$80	9	11	6	8	3	6	36	65	7	2	14	—
\$80 to \$99	6	22	12	—	15	13	—	18	3	—	35	—
\$100 to \$149	43	114	78	96	77	65	94	117	28	12	149	26
\$150 to \$199	68	276	224	194	238	201	128	218	67	44	385	71
\$200 to \$299	96	736	509	1 375	358	303	142	315	112	191	1 569	87
\$300 to \$399	24	217	116	770	93	68	27	50	20	114	775	26
\$400 or more	6	55	19	525	7	6	3	7	6	38	165	3
No cash rent	50	187	178	217	169	115	79	119	50	37	341	66
Median	\$200	\$231	\$226	\$290	\$213	\$213	\$181	\$191	\$207	\$266	\$260	\$208
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$10 152	\$17 842	\$13 929	\$26 349	\$14 158	\$10 528	\$12 978	\$12 977	\$10 984	\$15 731	\$20 800	\$11 548
Owner-occupied housing units	\$10 681	\$18 949	\$14 990	\$27 663	\$15 321	\$11 168	\$14 187	\$13 944	\$11 310	\$16 560	\$21 946	\$11 984
Renter-occupied housing units	\$7 352	\$11 200	\$9 365	\$16 481								

Table 100. Selected Characteristics of Rural Housing Units: 1980—Con.

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

The State Counties	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schoolcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Year-round housing units	12 948	23 896	22 450	14 446	15 679	2 050	15 454	16 645	21 632	19 274	12 110	6 598
Complete kitchen facilities	12 694	23 469	21 932	14 194	15 310	1 883	15 213	16 197	21 228	19 106	11 969	6 301
UNITS IN STRUCTURE												
1	11 131	20 806	19 206	11 847	13 203	1 717	13 033	14 080	16 805	17 219	9 376	5 391
2 or more	662	1 160	1 213	885	1 019	85	1 082	846	1 906	1 503	871	235
Mobile home or trailer, etc.	1 155	1 930	2 031	1 714	1 457	248	1 339	1 719	2 921	552	1 863	972
HEATING EQUIPMENT												
Central heating system	9 025	20 814	18 369	12 048	12 232	1 187	13 681	13 764	17 160	17 970	11 079	4 638
Room heaters with flue	1 891	1 522	2 059	1 009	1 770	203	846	1 306	2 448	624	715	603
Room heaters without flue	466	355	438	234	439	105	151	279	495	118	104	134
Fireplaces, stoves, or portable room heaters	1 507	1 164	1 480	1 119	1 134	543	727	1 236	1 456	536	192	1 195
None	59	41	104	36	104	12	49	60	73	26	20	28
YEAR STRUCTURE BUILT												
1979 to March 1980	409	910	812	546	348	64	404	337	620	1 155	915	237
1975 to 1978	1 115	2 697	2 243	1 435	1 163	241	1 496	1 857	2 236	2 260	1 716	970
1970 to 1974	2 686	4 355	3 501	2 206	2 293	235	2 926	2 705	3 276	2 622	1 905	1 356
1960 to 1969	3 659	4 650	3 154	2 262	1 960	370	2 664	2 661	3 480	2 997	1 744	1 221
1940 to 1959	3 795	5 733	6 130	2 963	3 392	653	3 032	3 175	4 738	4 566	3 798	1 107
1939 or earlier	1 284	5 551	6 610	5 034	6 523	487	4 932	5 910	7 282	5 674	2 032	1 707
SOURCE OF WATER												
Public system or private company	854	9 855	7 718	3 360	4 731	116	2 831	3 441	5 463	3 172	9 802	811
Individual drilled well	11 582	12 492	12 331	10 421	9 244	1 667	12 034	12 091	15 396	15 184	1 947	5 479
Individual dug well	473	1 228	1 763	622	1 599	158	529	847	735	866	343	221
Some other source	39	321	638	43	105	109	60	266	38	52	18	87
SEWAGE DISPOSAL												
Public sewer	3 598	6 162	6 153	2 126	4 216	56	3 141	2 963	4 864	3 312	5 498	1 156
Septic tank or cesspool	9 128	17 299	15 853	12 136	11 115	1 789	12 096	13 364	16 432	15 712	6 478	5 204
Other means	222	435	444	184	348	205	217	318	336	250	134	238
AIR CONDITIONING												
None	12 462	18 568	19 322	10 375	13 901	2 030	12 307	13 989	16 356	14 094	7 853	6 314
Central system	103	1 432	686	1 431	296	2	937	525	1 502	2 286	1 934	46
1 or more individual room units	383	3 896	2 442	2 640	1 482	18	2 210	2 131	3 774	2 894	2 323	238
Occupied housing units	6 519	23 097	20 870	13 467	13 959	1 574	14 824	15 609	19 581	18 361	11 650	5 161
No telephone	410	704	960	1 001	797	117	556	767	1 443	298	344	428
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 337	3 257	3 699	2 558	2 160	201	2 377	2 241	3 609	3 216	2 239	963
1975 to 1978	2 135	6 332	5 528	3 772	3 565	441	4 067	4 201	5 614	5 375	3 419	1 558
1970 to 1974	1 474	4 373	4 110	2 425	2 790	275	3 164	2 993	3 725	3 394	2 004	1 072
1960 to 1969	979	4 468	3 394	2 323	2 322	292	2 597	2 810	3 292	3 081	1 952	770
1959 or earlier	594	4 667	4 139	2 389	3 112	365	2 619	3 364	3 341	3 295	2 036	798
HOUSE HEATING FUEL												
Utility gas	3 292	11 432	8 898	5 186	4 872	42	5 955	4 896	6 739	6 875	8 768	1 526
Bottled, tank, or LP gas	1 101	2 127	2 571	1 967	2 055	403	1 273	3 005	2 539	1 713	716	717
Electricity	653	936	1 469	1 335	1 089	239	858	883	2 166	1 226	372	290
Fuel oil, kerosene, etc.	713	7 470	6 546	3 953	4 970	515	6 031	5 707	6 851	8 059	1 648	1 705
Cool or coke	—	79	90	32	—	—	37	69	30	20	39	4
Wood	749	1 027	1 252	987	901	375	650	1 030	1 183	463	97	913
Other fuel	11	18	38	7	5	—	18	13	46	5	4	6
No fuel used	—	8	6	—	10	—	2	6	27	—	6	—
VEHICLES AVAILABLE												
Total:												
None	316	681	764	574	829	76	524	647	1 108	300	412	249
1	2 776	6 150	6 104	4 242	5 141	493	3 876	4 583	6 532	3 864	3 176	1 749
2	2 430	9 817	8 880	5 646	5 408	762	6 304	6 307	7 592	8 083	4 869	2 109
3 or more	997	6 449	5 122	3 005	2 581	243	4 120	4 072	4 349	6 114	3 193	1 054
Trucks or vans:												
None	3 787	12 859	11 479	7 470	8 254	716	7 727	8 000	11 029	9 706	6 791	2 864
1	2 397	9 190	8 431	5 397	5 090	761	6 262	6 759	7 486	7 479	4 272	2 059
2	319	933	860	546	559	92	756	752	903	997	530	211
3 or more	16	115	100	54	56	5	79	98	163	179	57	27
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	2 192	3 485	3 899	2 727	3 735	413	2 250	2 961	4 377	2 580	1 454	1 159
Owner-occupied housing units	2 042	3 070	3 585	2 467	3 345	367	1 936	2 641	3 771	2 364	1 255	1 054
Lacking complete plumbing for exclusive use	10	126	108	85	114	32	56	98	111	103	90	54
No complete kitchen facilities	9	68	72	37	67	23	34	70	87	27	38	25
No vehicle available	205	429	468	299	563	48	334	458	662	244	265	157
No telephone	64	135	162	188	167	46	79	131	217	22	51	73
Lacking central heating system	558	582	761	416	812	165	300	561	960	218	201	348
Lacking air conditioning	2 092	2 709	3 378	1 948	3 327	410	1 750	2 498	3 287	1 999	1 085	1 096
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	4 449	13 818	11 338	7 315	6 306	728	8 148	7 686	8 718	10 624	6 907	2 407
With a mortgage	1 810	9 028	6 802	4 236	3 145	309	5 439	4 610	4 968	7 411	4 535	1 400
Less than \$100	8	2	16	—	12	—	3	12	18	—	—	4
\$100 to \$199	218	216	243	168	189	37	149	234	255	45	77	109
\$200 to \$299	689	1 931	1 454	1 328	975	90	1 428	1 267	1 508	388	654	461
\$300 to \$399	560	3 211	2 208	1 523	1 119	91	1 969	1 590	1 709	1 436	1 235	411
\$400 to \$599	295	2 976	2 256	1 003	712	81	1 548	1 287	1 242	3 163	1 736	351
\$600 or more	40	692	625	214	138	10	342	220	236	2 379	833	64
Median	\$299	\$374	\$376	\$336	\$330	\$325	\$360	\$347	\$334	\$512	\$424	\$332
Not mortgaged	2 639	4 790	4 536	3 079	3 161	419	2 709	3 076	3 750	3 213	2 372	1 007
Median	\$120	\$169	\$162	\$145	\$146	\$127	\$162	\$148	\$139	\$206	\$187	\$138
GROSS RENT												
Specified renter-occupied housing units	885	2 210	2 232	1 938	1 730	123	1 584	1 544	3 132	2 047	1 333	574
Less than \$80	23	32	9	3	13	3	4	4	38	—	14	—
\$80 to \$99	24	8	7	3	25	6	—	21	52	2	—	16
\$100 to \$149	109	175	66	107	157	17	72	82	228	94	31	44
\$150 to \$199	251	388	314	295	310	25	225	273	648	190	78	108
\$200 to \$299	301	915	1 005	996	710	45	726	668	1 408	627	538	251
\$300 to \$399	61	329	391	263	219	2	333	224	392	517	385	60
\$400 or more	19	135	163	76	48	3	68	34	53	445	166	16
No cash rent	97	228	277	195	248	22	156	238	313	172	121	79
Median	\$198	\$249	\$260	\$237	\$231	\$199	\$259	\$236	\$22			

Table 101. Selected Characteristics of Rural Farm 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]

The State Counties	The State	Alcona	Alger	Allegan	Alpena	Antrim	Arenac	Boraga	Barry	Bay	Benzie	Berrien
Occupied housing units	55 460	141	50	1 680	212	151	380	32	802	1 182	97	1 636
Complete kitchen facilities.....	54 634	141	50	1 669	212	149	376	32	797	1 155	97	1 621
No telephone.....	1 464	10	2	9	2	—	8	—	10	48	3	46
UNITS IN STRUCTURE												
1.....	52 851	138	50	1 581	204	138	359	25	784	1 134	91	1 537
2 or more.....	1 324	—	—	32	5	11	10	7	5	27	2	86
Mobile home or trailer, etc.....	1 285	3	—	67	3	2	11	—	13	21	4	13
HEATING EQUIPMENT												
Central heating system.....	46 018	97	33	1 445	144	94	280	17	646	1 012	76	1 463
Room heaters with flue.....	3 003	6	6	98	9	5	20	—	18	45	2	55
Room heaters without flue.....	612	2	—	9	7	10	8	—	6	21	—	9
Fireplaces, stoves, or portable room heaters.....	5 811	36	11	128	52	42	72	15	132	104	19	106
None.....	16	—	—	—	—	—	—	—	—	—	—	3
YEAR STRUCTURE BUILT												
1979 to March 1980.....	635	2	—	25	—	3	10	—	6	10	—	18
1975 to 1978.....	2 459	7	2	56	9	7	22	—	35	88	6	47
1970 to 1974.....	3 433	17	—	113	17	10	34	—	59	72	7	70
1960 to 1969.....	4 686	11	4	121	32	14	40	7	51	159	10	156
1940 to 1959.....	7 081	18	18	248	51	31	69	6	54	275	11	268
1939 or earlier.....	37 166	86	26	1 117	103	86	205	19	597	578	63	1 077
SOURCE OF WATER												
Public system or private company.....	1 080	—	—	6	—	2	6	—	—	229	—	81
Individual drilled well.....	50 758	138	48	1 641	189	149	346	20	792	796	94	1 485
Individual dug well.....	3 258	3	2	29	20	—	22	12	10	123	—	65
Some other source.....	364	—	—	4	3	—	6	—	—	34	3	5
SEWAGE DISPOSAL												
Public sewer.....	481	—	—	4	—	—	2	—	1	21	—	30
Septic tank or cesspool.....	53 752	139	48	1 649	210	151	362	32	786	1 148	94	1 591
Other means.....	1 227	2	2	27	2	—	16	—	15	13	3	15
AIR CONDITIONING												
None.....	48 024	136	50	1 424	210	149	349	27	694	1 035	90	1 191
Central system.....	1 857	—	—	70	—	—	4	—	21	62	—	126
1 or more individual room units.....	5 579	5	—	186	2	2	27	5	87	85	7	319
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	3 079	5	3	92	5	11	18	—	62	59	6	79
1975 to 1978.....	8 087	13	11	261	25	19	62	—	119	144	9	253
1970 to 1974.....	7 731	21	6	235	43	18	63	—	114	122	17	161
1960 to 1969.....	11 010	34	11	339	42	24	73	15	180	202	18	358
1959 or earlier.....	25 553	68	19	753	97	79	164	17	327	655	47	785
HOUSE HEATING FUEL												
Utility gas.....	6 569	18	8	307	4	7	14	—	49	264	5	164
Bottled, tank, or LP gas.....	7 969	35	6	138	14	29	55	5	122	148	12	58
Electricity.....	2 628	—	—	37	—	10	9	7	32	42	2	307
Fuel oil, kerosene, etc.....	32 178	54	25	1 039	140	63	228	5	466	618	59	966
Coal or coke.....	569	—	—	28	2	—	2	—	6	18	—	30
Wood.....	5 479	34	11	123	52	42	70	15	127	92	19	100
Other fuel.....	52	—	—	8	—	—	2	—	—	—	—	8
No fuel used.....	16	—	—	—	—	—	—	—	—	—	—	3
VEHICLES AVAILABLE												
Total:												
None.....	1 214	3	—	16	2	—	—	—	17	47	—	49
1.....	9 410	24	8	194	32	31	72	—	115	249	22	237
2.....	24 192	80	25	770	110	39	163	12	406	498	32	718
3 or more.....	20 644	34	17	700	68	81	145	20	264	388	43	632
Trucks or vans:												
None.....	14 727	22	6	323	30	34	77	—	174	394	35	320
1.....	33 159	98	25	1 111	151	87	238	21	533	679	40	974
2.....	6 321	21	18	211	27	20	52	11	83	84	12	285
3 or more.....	1 253	—	1	35	4	10	13	—	12	25	10	57
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units.....	14 077	48	6	363	36	46	86	12	207	344	29	483
Owner-occupied housing units.....	13 248	48	6	346	32	40	82	12	206	335	29	435
Lacking complete plumbing for exclusive use.....	527	—	—	6	2	—	5	6	3	15	—	13
No complete kitchen facilities.....	330	—	—	3	—	2	2	—	3	8	—	6
No vehicle available.....	917	3	—	16	—	—	—	—	17	44	—	35
No telephone.....	500	4	—	4	—	—	2	—	—	23	3	23
Lacking central heating system.....	2 437	16	4	51	9	27	31	12	33	40	10	28
Lacking air conditioning.....	12 352	48	6	320	36	46	82	12	172	309	27	368
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units.....	1 740	5	—	90	2	4	12	—	12	11	3	58
With a mortgage.....	952	5	—	41	2	—	2	—	6	9	—	20
Less than \$100.....	2	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199.....	32	3	—	—	—	—	—	—	—	—	—	—
\$200 to \$299.....	172	—	—	21	—	—	—	—	—	2	—	6
\$300 to \$399.....	223	2	—	4	—	—	2	—	—	2	—	2
\$400 to \$599.....	389	—	—	8	2	—	—	—	3	5	—	12
\$600 or more.....	134	—	—	8	—	—	—	—	3	—	—	—
Median.....	\$418	\$121	—	\$288	\$425	—	\$325	—	\$575	\$455	—	\$458
Not mortgaged.....	788	—	—	49	—	4	10	—	6	2	3	38
Median.....	\$170	—	—	\$133	—	\$200	\$137	—	\$156	\$163	\$88	\$138
GROSS RENT												
Specified renter-occupied housing units.....	670	—	...	13	...	—	3	—	—	8	...	45
Less than \$80.....	2	—	...	—	...	—	1	—	—	—	...	—
\$80 to \$99.....	15	—	...	—	...	—	—	—	—	—	...	—
\$100 to \$149.....	34	—	...	—	...	—	—	—	—	—	...	10
\$150 to \$199.....	59	—	...	2	...	—	—	—	—	—	...	—
\$200 to \$299.....	189	—	...	4	...	—	—	—	—	7	...	13
\$300 to \$399.....	54	—	...	—	...	—	—	—	—	1	...	5
\$400 or more.....	7	—	...	—	...	—	—	—	—	—	...	—
No cash rent.....	310	—	...	7	...	—	2	—	—	—	...	17
Median.....	\$232	—	...	\$231	...	—	\$50—	—	—	\$220	...	\$231
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units.....	\$18 745	\$12 788	\$16 875	\$18 944	\$17 083	\$18 958	\$14 817	\$38 333	\$17 888	\$16 901	\$19 792	\$16 773
Owner-occupied housing units.....	\$19 212	\$12 788	...	\$19 167	...	\$20 714	\$15 057	\$38 333	\$18 237	\$17 077	...	\$17 131
Renter-occupied housing units.....	\$15 673	—	...	\$16 316	...	\$11 458	\$13 250	—	\$10 417	\$15 000	...	\$15 729

Table 101. Selected Characteristics of Rural Farm Housing Units: 1980—Con.

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

The State
Counties

	Branch	Calhoun	Cass	Charlevoix	Cheboygan	Chippewa	Clare	Clinton	Crawford	Delta	Dickinson	Eaton
Occupied housing units -----												
Complete kitchen facilities	1 468	1 252	1 029	81	82	167	228	1 686	4	139	38	1 501
No telephone	1 397	1 229	1 012	81	82	167	226	1 669	...	139	36	1 485
	94	31	48	2	-	-	2	31	...	2	2	37
UNITS IN STRUCTURE												
1	1 382	1 202	975	70	75	151	223	1 656	...	139	38	1 439
2 or more	50	22	16	4	2	2	-	19	...	-	-	22
Mobile home or trailer, etc.	36	28	38	7	5	14	5	11	...	-	-	40
HEATING EQUIPMENT												
Central heating system	1 185	1 065	796	54	40	138	157	1 503	...	100	29	1 297
Room heaters with flue	89	81	43	4	6	3	18	41	...	8	2	62
Room heaters without flue	18	5	23	-	-	-	2	27	...	3	-	9
Fireplaces, stoves, or portable room heaters	176	101	167	23	36	26	51	113	...	28	7	133
None	-	-	-	-	-	-	-	2	...	-	-	-
YEAR STRUCTURE BUILT												
1979 to March 1980	9	16	7	2	3	2	2	14	...	2	-	20
1975 to 1978	36	49	68	-	-	24	5	74	...	11	3	51
1970 to 1974	82	49	38	4	8	12	23	104	...	4	2	84
1960 to 1969	62	101	99	10	8	23	30	117	...	16	-	111
1940 to 1959	95	117	121	9	4	36	40	97	...	27	11	130
1939 or earlier	1 184	920	696	56	59	70	128	1 280	...	79	22	1 105
SOURCE OF WATER												
Public system or private company	6	4	-	-	-	-	-	16	...	3	-	5
Individual drilled well	1 341	1 203	1 006	79	82	163	223	1 578	...	118	34	1 456
Individual dug well	113	43	23	2	-	4	5	90	...	18	4	36
Some other source	8	2	-	-	-	-	-	2	...	-	-	4
SEWAGE DISPOSAL												
Public sewer	11	4	-	-	-	-	-	21	...	-	-	3
Septic tank or cesspool	1 368	1 225	1 001	79	80	167	224	1 624	...	139	36	1 471
Other means	89	23	28	2	2	-	4	41	...	-	2	27
AIR CONDITIONING												
None	1 329	1 081	775	80	76	165	220	1 437	...	139	38	1 327
Central system	25	33	64	-	-	2	-	80	...	-	-	48
1 or more individual room units	114	138	190	1	6	-	8	169	...	-	-	126
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	70	69	56	5	6	5	13	83	...	8	9	81
1975 to 1978	171	184	177	6	7	43	36	248	...	31	8	217
1970 to 1974	281	197	168	14	13	26	37	218	...	15	2	232
1960 to 1969	291	267	246	21	13	32	51	393	...	17	7	275
1959 or earlier	655	535	382	35	43	61	91	744	...	68	12	696
HOUSE HEATING FUEL												
Utility gas	90	132	85	6	13	-	25	179	...	16	-	179
Bottled, tank, or LP gas	190	109	109	9	8	33	41	165	...	32	7	136
Electricity	50	46	139	2	-	5	20	51	...	6	-	48
Fuel oil, kerosene, etc.	945	859	536	41	25	103	95	1 193	...	57	24	994
Coal or coke	23	14	2	-	-	-	-	6	...	-	-	16
Wood	168	92	157	23	36	26	47	90	...	28	7	126
Other fuel	2	-	1	-	-	-	-	-	...	-	-	2
No fuel used	-	-	-	-	-	-	-	2	...	-	-	-
VEHICLES AVAILABLE												
Total:												
None	70	20	25	3	-	-	7	23	...	-	-	34
1	295	157	150	6	2	28	44	246	...	5	4	258
2	639	602	453	48	36	63	86	731	...	72	15	673
3 or more	464	473	401	24	44	76	91	686	...	62	19	536
Trucks or vans:												
None	426	278	231	13	4	15	60	434	...	11	2	399
1	889	806	628	56	50	112	141	1 092	...	90	28	894
2	134	155	134	10	22	38	25	130	...	35	6	162
3 or more	19	13	36	2	6	2	2	30	...	3	2	46
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units												
Owner-occupied housing units	395	303	253	23	18	27	36	380	...	33	2	415
Lacking complete plumbing for exclusive use	367	289	221	20	18	27	33	355	...	30	2	395
No complete kitchen facilities	19	15	6	-	-	-	2	23	...	-	-	12
No vehicle available	19	12	4	-	-	-	-	13	...	-	-	8
No telephone	25	20	21	3	-	-	5	21	...	-	-	24
Lacking central heating system	22	6	7	2	-	-	-	15	...	-	-	23
Lacking air conditioning	57	62	36	8	10	8	21	43	...	13	-	64
	358	270	202	23	18	27	36	325	...	33	2	372
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units												
With a mortgage	30	24	20	5	5	-	2	50	...	3	-	28
Less than \$100	14	7	12	-	3	-	2	36	...	-	-	8
\$100 to \$199	-	-	2	-	-	-	-	5	...	-	-	-
\$200 to \$299	-	-	2	-	-	-	2	-	...	-	-	-
\$300 to \$399	2	5	3	-	1	-	-	15	...	-	-	7
\$400 to \$599	12	-	5	-	2	-	-	10	...	-	-	7
\$600 or more	-	2	-	-	-	-	-	6	...	-	-	1
Median	\$450	\$385	\$333	-	\$413	-	\$275	\$380	...	-	-	\$483
Not mortgaged	16	17	8	5	2	-	-	14	...	3	-	20
Median	\$217	\$94	\$162	\$154	\$113	-	-	\$238	...	\$113	-	\$221
GROSS RENT												
Specified renter-occupied housing units												
Less than \$80	32	21	10	...	...	...	...	11	...	...	...	2
\$80 to \$99	-	-	-	...	...	...	...	-	...	...	...	-
\$100 to \$149	2	-	-	...	...	...	...	-	...	...	...	-
\$150 to \$199	6	-	-	...	...	...	...	-	...	...	...	-
\$200 to \$299	8	6	6	...	...	...	...	-	...	...	...	-
\$300 to \$399	2	7	-	...	...	...	...	-	...	...	...	-
\$400 or more	-	3	-	...	...	...	...	-	...	...	...	-
No cash rent	-	1	-	...	...	...	...	-	...	...	...	-
Median	14	5	3	...	...	...	...	11	...	...	...	2
	\$163	\$262	\$194	...	...	...	...	-	...	...	...	-
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units												
Owner-occupied housing units	\$17 237	\$19 833	\$16 624	\$15 179	\$15 000	\$15 625	\$15 500	\$21 142	...	\$16 875	\$13 125	\$20 739
Renter-occupied housing units	\$18 036	\$20 374	\$16 866	...	...	...	...	\$21 308	...	...	...	\$20 953
	\$15 208	\$15 294	\$15 812	...	...	...	...	\$19 375	...	...	...	\$18 125

Table 101. Selected Characteristics of Rural Farm Housing Units: 1980—Con.

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

The State Counties	Emmet	Genesee	Glodwin	Gogebic	Grand Traverse	Grofiot	Hillsdale	Houghton	Huron	Ingham	Ionio	Iosco
Occupied housing units	104	865	294	23	278	1 818	1 700	84	2 252	1 167	1 367	100
Complete kitchen facilities	104	839	292	23	278	1 804	1 652	82	2 191	1 148	1 340	100
No telephone	—	7	6	—	—	60	55	—	116	25	35	—
UNITS IN STRUCTURE												
1	102	830	286	23	262	1 747	1 606	77	2 121	1 103	1 306	96
2 or more	—	29	—	—	14	24	29	5	42	40	21	2
Mobile home or trailer, etc.	2	6	8	—	2	47	65	2	89	24	40	2
HEATING EQUIPMENT												
Central heating system	82	789	196	21	233	1 443	1 415	43	1 839	1 025	1 138	79
Room heaters with flue	2	39	25	—	24	186	79	10	188	24	67	2
Room heaters without flue	—	10	4	—	—	25	12	—	49	2	17	—
Fireplaces, stoves, or portable room heaters	20	27	69	2	21	161	194	31	174	116	145	19
None	—	—	—	—	—	3	—	—	2	—	—	—
YEAR STRUCTURE BUILT												
1979 to March 1980	7	18	4	—	7	12	13	—	23	11	12	—
1975 to 1978	2	69	24	—	8	57	76	2	97	58	53	10
1970 to 1974	6	74	11	2	6	90	89	2	164	61	80	7
1960 to 1969	20	102	29	—	31	139	72	8	180	77	68	8
1940 to 1959	10	96	73	2	51	241	100	8	329	129	121	22
1939 or earlier	59	506	153	19	175	1 279	1 350	64	1 459	831	1 033	53
SOURCE OF WATER												
Public system or private company	—	—	—	2	—	3	15	2	24	2	18	—
Individual drilled well	104	779	282	6	269	1 733	1 628	58	1 879	1 146	1 302	91
Individual dug well	—	86	12	9	9	78	51	16	344	19	47	2
Some other source	—	—	—	6	—	4	6	8	5	—	—	7
SEWAGE DISPOSAL												
Public sewer	—	75	—	—	—	6	13	—	23	—	2	—
Septic tank or cesspool	104	771	290	23	278	1 774	1 622	80	2 142	1 155	1 345	100
Other means	—	19	4	—	—	38	65	4	87	12	20	—
AIR CONDITIONING												
None	102	666	273	21	269	1 597	1 540	82	2 050	987	1 189	100
Central system	—	69	2	—	7	52	39	—	26	66	33	—
1 or more individual room units	2	130	19	2	2	169	121	2	176	114	145	—
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	8	84	13	—	34	112	97	6	121	65	80	—
1975 to 1978	5	173	48	4	48	244	292	6	290	195	226	16
1970 to 1974	8	104	32	4	16	227	286	4	260	182	180	22
1960 to 1969	37	170	79	4	64	390	304	16	384	220	275	26
1959 or earlier	46	334	122	11	116	845	721	52	1 197	505	606	36
HOUSE HEATING FUEL												
Utility gas	8	256	31	—	18	199	89	4	236	65	137	15
Bottled, tank, or LP gas	36	142	39	—	25	307	461	18	393	110	137	12
Electricity	1	6	10	—	9	82	60	2	132	41	19	5
Fuel oil, kerosene, etc.	39	414	147	19	205	1 074	876	29	1 301	831	925	49
Cool or coke	—	13	—	2	—	7	25	2	31	10	14	—
Wood	20	27	67	2	21	145	185	29	154	110	135	19
Other fuel	—	7	—	—	—	1	4	—	3	—	—	—
No fuel used	—	—	—	—	—	3	—	—	2	—	—	—
VEHICLES AVAILABLE												
Total:												
None	—	20	—	—	—	52	43	6	68	12	2	2
1	19	109	19	2	33	352	346	14	501	178	248	19
2	58	389	162	11	135	857	729	34	1 011	439	639	36
3 or more	27	347	109	10	110	557	582	30	672	538	478	43
Trucks or vans:												
None	23	249	49	2	84	594	490	10	735	286	359	21
1	68	525	216	19	132	1 016	1 037	55	1 313	642	858	61
2	13	68	26	2	54	163	148	15	181	208	116	18
3 or more	—	23	3	—	8	45	25	4	23	31	34	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	27	227	69	7	51	478	460	25	650	284	317	16
Owner-occupied housing units	27	227	67	7	51	447	433	25	602	279	294	16
Locking complete plumbing for exclusive use	—	6	—	—	—	22	21	2	43	4	—	—
No complete kitchen facilities	—	16	—	—	—	12	14	2	12	2	6	—
No vehicle available	—	4	—	—	—	48	23	6	61	9	2	—
No telephone	—	—	2	—	—	25	16	—	51	10	3	—
Locking central heating system	2	28	23	—	2	116	57	12	164	24	58	4
Locking air conditioning	27	176	62	7	51	434	416	25	609	244	255	16
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	2	44	7	4	8	42	38	2	77	24	21	2
With a mortgage	—	24	2	—	4	25	23	—	34	22	13	2
Less than \$100	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199	—	—	—	—	—	2	—	—	3	—	—	—
\$200 to \$299	—	—	—	—	—	7	5	—	6	2	2	—
\$300 to \$399	—	6	2	—	—	14	6	—	7	—	10	—
\$400 to \$599	—	18	—	—	4	—	8	—	13	18	1	2
\$600 or more	—	—	—	—	—	2	4	—	5	2	—	—
Median	—	\$425	\$325	—	\$525	\$363	\$405	—	\$410	\$563	\$354	\$475
Not mortgaged	2	20	5	4	4	17	15	2	43	2	8	—
Median	\$163	\$229	\$208	\$87	\$350	\$142	\$211	\$350	\$189	\$138	\$287	—
GROSS RENT												
Specified renter-occupied housing units	—	15	2	—	6	28	31	—	19	19	15	—
Less than \$80	—	—	—	—	—	—	—	—	—	—	—	—
\$80 to \$99	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$149	—	—	—	—	—	—	2	—	—	—	2	—
\$150 to \$199	—	—	—	—	—	—	—	—	5	—	—	—
\$200 to \$299	—	7	2	—	—	26	9	—	3	1	10	—
\$300 to \$399	—	—	—	—	—	—	5	—	—	2	—	—
\$400 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	—	8	—	—	6	2	15	—	11	16	3	—
Median	—	\$288	\$263	—	—	\$237	\$275	—	\$178	\$363	\$220	—
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$12 361	\$23 694	\$17 692	\$15 313	\$19 091	\$17 270	\$17 500	\$22 500	\$14 868	\$24 924	\$18 986	\$18 333
Owner-occupied housing units	\$12 361	\$23 814	\$18 068	\$15 313	\$20 580	\$17 521	\$18 028	—	\$15 450	\$25 729	\$19 722	—
Renter-occupied housing units	—	\$22 917	\$15 625	—	\$15 536	\$15 833	\$15 231	—	\$12 054	\$20 069	\$14 792	—

Table 101. Selected Characteristics of Rural Farm Housing Units: 1980—Con.

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

The State Counties	Iron	Isabella	Jackson	Kalamazoo	Kalkaska	Kent	Keweenaw	Lake	Lapeer	Leelanau	Lenawee	Livingston
Occupied housing units	32	1 058	1 252	919	34	1 278	—	63	1 009	251	2 197	721
Complete kitchen facilities.....	32	1 036	1 243	917	34	1 266	—	63	999	251	2 177	719
No telephone.....	—	14	34	—	—	31	—	2	23	2	31	11
UNITS IN STRUCTURE												
1.....	30	1 024	1 150	871	34	1 219	—	57	942	238	2 102	688
2 or more.....	2	10	63	35	—	47	—	—	50	7	70	23
Mobile home or trailer, etc.....	—	24	39	13	—	12	—	6	17	6	25	10
HEATING EQUIPMENT												
Central heating system.....	23	802	1 077	791	24	1 093	—	29	806	180	1 990	590
Room heaters with flue.....	4	93	47	42	—	64	—	4	56	18	108	25
Room heaters without flue.....	3	25	2	4	—	5	—	—	11	12	12	2
Fireplaces, stoves, or portable room heaters.....	2	138	126	76	10	116	—	30	136	41	87	104
None.....	—	—	—	6	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT												
1979 to March 1980.....	3	7	10	25	—	17	—	—	15	7	13	8
1975 to 1978.....	—	48	47	60	11	51	—	6	27	28	44	32
1970 to 1974.....	5	60	71	89	2	86	—	4	83	11	114	68
1960 to 1969.....	—	80	106	84	3	86	—	16	98	16	137	108
1940 to 1959.....	3	163	126	106	9	141	—	3	108	49	208	76
1939 or earlier.....	21	700	892	555	9	897	—	34	678	140	1 681	429
SOURCE OF WATER												
Public system or private company.....	24	11	16	6	—	16	—	3	5	—	36	—
Individual drilled well.....	4	1 005	1 190	891	34	1 253	—	60	934	239	1 804	692
Individual dug well.....	4	40	46	22	—	9	—	—	70	8	346	29
Some other source.....	—	2	—	—	—	—	—	—	—	4	11	—
SEWAGE DISPOSAL												
Public sewer.....	—	5	6	—	—	32	—	—	5	—	17	—
Septic tank or cesspool.....	32	1 032	1 224	907	34	1 226	—	63	974	247	2 142	719
Other means.....	—	21	22	12	—	20	—	—	30	4	38	2
AIR CONDITIONING												
None.....	28	1 001	1 083	700	31	1 116	—	63	885	249	1 772	646
Central system.....	—	15	42	66	—	42	—	—	22	—	120	17
1 or more individual room units.....	4	42	127	153	3	120	—	—	102	2	305	58
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	8	42	96	64	11	110	—	6	47	17	107	36
1975 to 1978.....	—	129	181	164	2	164	—	7	153	42	322	121
1970 to 1974.....	5	165	101	162	2	179	—	8	122	42	275	127
1960 to 1969.....	4	201	300	169	3	280	—	21	220	31	426	165
1959 or earlier.....	15	521	574	360	16	545	—	21	467	119	1 067	272
HOUSE HEATING FUEL												
Utility gas.....	3	121	251	112	—	121	—	6	132	15	184	102
Bottled, tank, or LP gas.....	5	154	164	84	—	150	—	8	94	26	548	83
Electricity.....	6	52	52	65	2	39	—	2	70	2	66	68
Fuel oil, kerosene, etc.....	16	604	657	563	22	859	—	17	577	168	1 277	356
Coal or coke.....	—	—	12	13	—	6	—	—	2	—	44	8
Wood.....	2	126	114	76	10	103	—	30	134	40	78	104
Other fuel.....	—	1	2	—	—	—	—	—	—	—	—	—
No fuel used.....	—	—	—	6	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
Total.....	—	28	17	29	—	41	—	—	26	—	51	13
1.....	3	188	241	170	2	154	—	14	93	21	495	88
2.....	17	472	518	315	16	531	—	31	366	104	963	312
3 or more.....	12	370	476	405	16	552	—	18	524	126	688	308
Trucks or vans.....												
None.....	3	314	372	283	—	347	—	16	213	29	756	165
1.....	17	625	657	529	26	722	—	43	604	155	1 191	423
2.....	10	104	192	89	3	175	—	4	157	57	217	112
3 or more.....	2	15	31	18	5	34	—	—	35	10	33	21
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units.....	3	250	388	225	5	277	—	10	197	50	661	180
Owner-occupied housing units.....	3	245	382	210	5	249	—	10	193	48	631	169
Lacking complete plumbing for exclusive use.....	—	4	11	—	2	9	—	—	—	2	17	2
No complete kitchen facilities.....	—	2	2	—	—	11	—	—	—	—	12	—
No vehicle available.....	—	24	14	29	—	22	—	—	18	—	13	13
No telephone.....	—	—	12	—	—	11	—	—	—	—	15	—
Lacking central heating system.....	—	69	63	16	2	32	—	6	58	24	65	24
Lacking air conditioning.....	3	238	342	169	5	239	—	10	186	48	545	168
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units.....	3	29	53	41	—	23	—	2	22	14	80	46
With a mortgage.....	—	18	35	16	—	18	—	—	11	11	50	37
Less than \$100.....	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199.....	—	—	—	—	—	6	—	—	—	—	—	—
\$200 to \$299.....	—	8	9	—	—	—	—	—	—	—	5	10
\$300 to \$399.....	—	4	5	—	—	—	—	—	3	—	15	13
\$400 to \$599.....	—	2	19	10	—	3	—	—	2	9	20	14
\$600 or more.....	—	4	2	6	—	9	—	—	6	2	10	—
Median.....	—	\$313	\$425	\$525	—	\$600	—	—	\$704	\$581	\$442	\$375
Not mortgaged.....	3	11	18	25	—	5	—	2	11	3	30	9
Median.....	—	\$163	\$187	\$139	—	\$179	—	—	\$204	\$213	\$205	\$116
GROSS RENT												
Specified renter-occupied housing units.....	...	2	22	17	—	34	—	...	28	6	24	5
Less than \$80.....	...	—	—	—	—	—	—	...	—	—	—	—
\$80 to \$99.....	...	—	—	—	—	11	—	...	—	—	—	—
\$100 to \$149.....	...	—	—	8	—	—	—	...	—	—	—	—
\$150 to \$199.....	...	2	—	2	—	—	—	...	5	—	—	—
\$200 to \$299.....	...	—	—	4	—	—	—	...	8	2	16	—
\$300 to \$399.....	...	—	—	—	—	—	—	...	12	—	2	—
\$400 or more.....	...	—	4	—	—	—	—	...	—	4	—	—
No cash rent.....	...	—	18	3	—	23	—	...	3	4	6	5
Median.....	...	\$165	\$450	\$109	—	\$95	—	...	\$248	\$238	\$233	—
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units.....	\$17 500	\$16 538	\$20 112	\$22 870	\$20 909	\$23 476	—	\$13 295	\$22 439	\$22 554	\$19 851	\$21 292
Owner-occupied housing units.....	...	\$16 589	\$20 437	\$23 192	\$20 909	\$24 394	—	...	\$23 295	\$22 500	\$19 983	\$22 037
Renter-occupied housing units.....	...	\$15 938	\$17 292	\$21 364	—	\$16 250	—	...	\$17 917	\$22 708	\$19 258	\$17 969

Table 101. Selected Characteristics of Rural Farm Housing Units: 1980—Con.

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

The State Counties	Luce	Mackinac	Mocomb	Manistee	Morquette	Mason	Mecosta	Menominee	Midland	Missoukee	Monroe	Montcalm
Occupied housing units	21	43	543	207	37	423	421	285	569	288	1 609	1 103
Complete kitchen facilities.....	21	43	522	202	37	421	420	283	546	282	1 584	1 068
No telephone.....	—	—	20	8	2	8	8	4	15	5	45	48
UNITS IN STRUCTURE												
1.....	19	43	540	190	30	401	396	279	536	271	1 573	1 063
2 or more.....	2	—	—	4	7	11	10	2	8	11	36	19
Mobile home or trailer, etc.....	—	—	3	13	—	11	15	4	25	6	—	21
HEATING EQUIPMENT												
Central heating system.....	21	27	463	160	21	304	295	245	457	238	1 467	834
Room heaters with flue.....	—	—	29	4	6	35	39	16	62	7	86	50
Room heaters without flue.....	—	—	5	—	—	13	—	6	4	6	4	14
Fireplaces, stoves, or portable room heaters.....	—	16	46	43	10	71	87	18	46	37	52	205
None.....	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT												
1979 to March 1980.....	—	—	2	—	—	5	4	10	5	4	9	14
1975 to 1978.....	—	—	18	12	2	11	31	19	36	12	54	24
1970 to 1974.....	2	3	26	19	—	26	26	16	35	12	128	51
1960 to 1969.....	2	2	38	26	5	32	27	16	83	27	150	71
1940 to 1959.....	7	9	116	20	6	54	50	65	98	35	169	97
1939 or earlier.....	10	29	343	130	24	295	283	159	312	198	1 099	846
SOURCE OF WATER												
Public system or private company.....	—	—	22	—	—	—	—	4	2	—	73	4
Individual drilled well.....	21	43	419	202	34	407	405	262	528	283	1 241	1 072
Individual dug well.....	—	—	102	5	3	14	16	17	37	5	208	25
Some other source.....	—	—	—	—	—	2	—	2	2	—	87	2
SEWAGE DISPOSAL												
Public sewer.....	—	—	5	—	—	—	2	4	—	—	23	4
Septic tank or cesspool.....	21	43	519	193	37	410	413	279	559	283	1 534	1 069
Other means.....	—	—	19	14	—	13	6	2	10	5	52	30
AIR CONDITIONING												
None.....	21	43	501	207	37	406	405	276	499	283	1 248	983
Central system.....	—	—	14	—	—	5	8	—	15	—	90	28
1 or more individual room units.....	—	—	28	—	—	12	8	9	55	5	271	92
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	—	3	21	12	—	11	24	18	31	16	37	65
1975 to 1978.....	4	7	55	33	5	35	77	64	74	43	192	135
1970 to 1974.....	4	10	39	25	2	59	54	36	86	39	211	188
1960 to 1969.....	2	10	104	56	5	90	60	50	119	53	266	200
1959 or earlier.....	11	13	324	81	25	228	206	117	259	137	903	515
HOUSE HEATING FUEL												
Utility gas.....	—	6	91	6	3	7	91	41	52	27	252	175
Bottled, tank, or LP gas.....	10	4	56	34	7	81	72	57	99	45	545	179
Electricity.....	2	—	45	7	—	12	6	15	12	77	77	26
Fuel oil, kerosene, etc.....	9	17	299	117	17	246	164	163	358	169	658	514
Coal or coke.....	—	—	14	—	—	7	—	—	—	—	32	16
Wood.....	—	16	38	43	10	70	85	18	43	35	45	193
Other fuel.....	—	—	—	—	—	—	—	—	2	—	—	—
No fuel used.....	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
Total:												
None.....	—	—	2	—	—	8	9	—	9	2	74	43
1.....	—	7	102	32	6	74	89	31	114	36	283	216
2.....	5	31	229	100	18	183	171	134	229	156	706	526
3 or more.....	16	5	210	75	13	158	152	120	217	94	546	318
Trucks or vans:												
None.....	—	9	143	52	12	109	78	22	164	45	516	312
1.....	13	31	280	121	16	260	291	223	345	213	907	679
2.....	4	2	90	23	9	42	41	33	58	26	159	87
3 or more.....	4	1	30	11	—	12	11	7	2	4	27	25
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	—	6	155	46	4	110	76	41	156	35	600	268
Owner-occupied housing units.....	—	6	135	44	4	108	70	41	153	35	565	238
Lacking complete plumbing for exclusive use.....	—	—	13	7	—	2	4	—	8	5	44	10
No complete kitchen facilities.....	—	—	17	5	—	—	—	—	10	4	19	5
No vehicle available.....	—	—	2	—	—	6	9	—	9	2	74	18
No telephone.....	—	—	6	6	—	—	—	—	6	—	37	6
Lacking central heating system.....	2	—	15	13	2	39	25	9	46	13	53	77
Lacking air conditioning.....	6	—	139	46	4	104	76	39	134	35	503	242
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	—	—	42	3	—	17	9	3	31	7	95	26
With a mortgage.....	—	—	14	3	—	7	4	2	12	2	38	10
Less than \$100.....	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199.....	—	—	—	—	—	—	—	—	—	—	—	—
\$200 to \$299.....	—	—	—	—	—	6	—	—	4	—	—	2
\$300 to \$399.....	—	—	1	—	—	1	2	2	2	2	—	6
\$400 to \$599.....	—	—	11	3	—	—	2	—	4	—	31	2
\$600 or more.....	—	—	2	—	—	—	—	—	2	—	7	—
Median.....	—	—	\$464	\$475	—	\$244	\$400	\$325	\$400	\$325	\$550	\$338
Not mortgaged.....	—	—	28	—	—	10	5	—	19	5	57	16
Median.....	—	—	\$241	—	—	\$163	\$163	\$225	\$207	\$144	\$174	\$135
GROSS RENT												
Specified renter-occupied housing units	—	—	—	—	—	2	2	—	2	—	11	9
Less than \$80.....	—	—	—	—	—	—	—	—	—	—	—	—
\$80 to \$99.....	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$149.....	—	—	—	—	—	—	—	—	—	—	—	—
\$150 to \$199.....	—	—	—	—	—	—	—	—	—	—	—	—
\$200 to \$299.....	—	—	—	—	—	—	—	—	—	—	—	—
\$300 to \$399.....	—	—	—	—	—	—	2	—	—	—	—	2
\$400 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent.....	—	—	—	—	—	—	—	—	—	—	—	—
Median.....	—	—	—	—	—	2	—	—	2	—	3	5
Median.....	—	—	—	—	—	—	\$263	—	—	—	\$239	\$197
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$23 594	\$16 125	\$19 826	\$16 736	\$15 750	\$18 717	\$16 949	\$14 792	\$19 429	\$15 259	\$20 923	\$14 227
Owner-occupied housing units.....	\$23 594	...	\$20 256	\$16 563	...	\$18 684	\$17 426	...	\$19 620	...	\$21 828	\$14 914
Renter-occupied housing units.....	—	...	\$17 159	\$17 813	...	\$23 125	\$9 432	...	\$16 625	...	\$16 765	\$11 625

Table 101. Selected Characteristics of Rural Farm Housing Units: 1980—Con.

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

The State Counties	Montmorency	Muskegan	Newaygo	Oakland	Oceano	Ogemaw	Ontonagon	Osceola	Oscoda	Otsego	Ottawa	Presque Isle
Occupied housing units	66	384	520	339	643	177	74	391	51	61	1 329	157
Complete kitchen facilities.....	66	382	514	320	637	175	72	387	49	59	1 329	157
No telephone.....	5	5	10	—	11	10	10	5	14	—	17	12
UNITS IN STRUCTURE												
1.....	60	374	495	327	595	165	69	363	48	55	1 310	144
2 or more.....	3	6	10	12	19	5	1	6	—	6	14	8
Mobile home or trailer, etc.....	3	4	15	—	29	7	4	22	3	—	5	5
HEATING EQUIPMENT												
Central heating system.....	44	320	402	297	494	124	58	291	25	50	1 201	119
Room heaters with flue.....	4	31	20	6	24	20	4	29	—	—	58	13
Room heaters without flue.....	—	10	5	—	9	—	2	4	2	—	16	4
Fireplaces, stoves, or portable room heaters.....	18	23	93	36	116	33	10	67	24	11	54	21
None.....	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT												
1979 to March 1980.....	—	3	10	12	5	3	2	14	5	—	32	3
1975 to 1978.....	—	9	21	5	21	18	2	16	—	8	68	2
1970 to 1974.....	4	34	22	55	48	11	3	23	3	9	53	3
1960 to 1969.....	7	45	36	42	68	13	—	23	—	6	123	29
1940 to 1959.....	17	91	78	90	85	32	14	27	9	15	154	39
1939 or earlier.....	38	202	353	135	416	100	53	288	34	23	899	81
SOURCE OF WATER												
Public system or private company.....	—	—	—	—	7	—	—	—	—	—	19	—
Individual drilled well.....	66	375	508	322	618	163	65	377	46	61	1 218	157
Individual dug well.....	—	9	10	17	13	8	2	12	5	—	76	—
Some other source.....	—	—	2	—	5	6	7	2	—	—	16	—
SEWAGE DISPOSAL												
Public sewer.....	—	2	7	—	3	—	4	—	5	—	—	—
Septic tank or cesspool.....	61	381	507	325	620	175	64	373	44	61	1 313	157
Other means.....	5	1	11	7	20	2	6	18	2	—	16	—
AIR CONDITIONING												
None.....	66	356	490	233	609	166	72	372	48	61	1 177	150
Central system.....	—	3	4	29	11	—	—	—	3	—	38	4
1 or more individual room units.....	—	25	26	77	23	11	2	19	—	—	114	3
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	—	23	35	18	28	13	5	29	6	5	89	12
1975 to 1978.....	6	40	80	40	111	31	7	51	16	12	216	17
1970 to 1974.....	13	88	96	89	104	31	12	51	12	15	178	19
1960 to 1969.....	20	86	96	64	123	36	7	72	8	10	255	42
1959 or earlier.....	27	147	213	128	277	66	43	188	9	19	591	67
HOUSE HEATING FUEL												
Utility gas.....	4	46	26	54	29	30	7	27	—	3	285	7
Bottled, tank, or LP gas.....	9	31	101	29	78	30	8	83	8	17	97	24
Electricity.....	—	10	7	12	20	6	—	16	—	—	14	—
Fuel oil, kerosene, etc.....	35	272	289	208	400	84	49	198	19	30	871	105
Coal or coke.....	—	—	4	—	2	—	—	—	—	—	10	—
Wood.....	18	23	91	36	114	27	10	67	24	11	52	21
Other fuel.....	—	2	2	—	—	—	—	—	—	—	—	—
No fuel used.....	—	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
Total:												
None.....	2	6	9	6	3	—	—	7	16	—	4	—
1.....	8	57	51	48	112	32	14	69	5	10	133	9
2.....	41	154	250	141	264	79	25	182	12	21	535	80
3 or more.....	15	167	210	144	264	66	35	133	18	30	657	68
Trucks or vans:												
None.....	17	115	89	98	119	30	11	105	19	10	264	25
1.....	42	216	348	182	412	106	42	254	24	31	859	110
2.....	5	53	64	48	86	41	20	29	6	7	172	15
3 or more.....	2	—	19	11	26	—	1	3	2	13	34	7
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	8	77	92	102	141	25	15	82	—	11	209	25
Owner-occupied housing units.....	8	75	90	83	132	25	15	78	—	11	189	25
Lacking complete plumbing for exclusive use.....	—	2	6	7	3	2	5	7	—	—	16	—
No complete kitchen facilities.....	—	—	4	12	4	2	—	2	—	—	—	—
No vehicle available.....	2	2	8	6	—	—	—	4	—	—	4	—
No telephone.....	—	—	—	—	—	5	2	—	—	—	9	2
Lacking central heating system.....	5	12	32	7	37	10	8	29	—	5	32	4
Lacking air conditioning.....	8	71	88	72	141	25	15	80	—	11	207	23
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	4	8	11	20	13	2	5	9	4	2	81	4
With a mortgage.....	2	4	8	19	6	2	—	2	2	—	56	—
Less than \$100.....	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199.....	—	—	—	—	—	—	—	—	—	—	7	—
\$200 to \$299.....	—	—	2	7	—	2	—	—	—	—	10	—
\$300 to \$399.....	—	2	2	6	6	—	—	—	—	—	7	—
\$400 to \$599.....	—	2	4	6	—	—	—	2	—	—	28	—
\$600 or more.....	2	—	—	—	—	—	—	—	—	—	4	—
Median.....	\$625	\$425	\$400	\$371	\$325	\$275	—	\$475	\$425	—	\$413	—
Not mortgaged.....	2	4	3	1	7	—	5	7	2	2	25	4
Median.....	\$163	\$175	\$144	\$225	\$163	—	\$50—	\$157	\$138	\$275	\$202	\$275
GROSS RENT												
Specified renter-occupied housing units	—	7	2	7	8	...	—	6	...	...	17	—
Less than \$80.....	—	—	—	—	—	...	—	—	...	...	—	—
\$80 to \$99.....	—	—	—	—	—	...	—	—	...	...	—	—
\$100 to \$149.....	—	—	—	—	—	...	—	—	...	...	2	—
\$150 to \$199.....	—	4	—	—	—	...	—	—	...	...	—	—
\$200 to \$299.....	—	1	—	—	3	...	—	—	...	...	7	—
\$300 to \$399.....	—	—	2	7	—	...	—	—	...	...	—	—
\$400 or more.....	—	—	—	—	—	...	—	—	...	...	—	—
No cash rent.....	—	2	—	—	5	...	—	—	...	...	8	—
Median.....	—	\$186	\$325	\$375	\$238	...	—	—	...	...	\$259	—
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$11 500	\$18 375	\$17 500	\$21 648	\$16 228	\$21 875	\$14 444	\$14 402	\$16 563	\$20 208	\$20 536	\$12 431
Owner-occupied housing units.....	\$11 500	\$19 408	\$17 895	\$26 607	\$16 638	...	\$14 444	\$14 674	...	...	\$21 369	\$12 614
Renter-occupied housing units.....	—	\$12 250	\$16 000	\$10 769	\$10 250	...	—	\$11 458	...	...	\$13 684	\$2500—

Table 101. Selected Characteristics of Rural Farm Housing Units: 1980—Con.

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

The State Counties	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Schaalcraft	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Wexford
Occupied housing units	4	2 055	1 030	1 253	2 202	18	1 410	1 808	1 294	1 379	223	139
Complete kitchen facilities.....	...	2 038	1 013	1 196	2 183	18	1 401	1 794	1 284	1 361	215	137
No telephone.....	...	33	23	84	64	—	43	31	31	32	14	8
UNITS IN STRUCTURE												
1.....	...	2 013	976	1 178	2 071	18	1 347	1 760	1 209	1 280	207	133
2 or more.....	...	12	28	23	40	—	23	27	29	94	11	2
Mobile home or trailer, etc.....	...	30	26	52	91	—	40	21	56	5	5	4
HEATING EQUIPMENT												
Central heating system.....	...	1 740	819	1 014	1 757	9	1 224	1 551	1 010	1 237	223	94
Room heaters with flue.....	...	111	84	47	180	—	60	103	77	62	—	6
Room heaters without flue.....	...	28	8	4	54	—	14	22	16	6	—	2
Fireplaces, stoves, or portable room heaters.....	...	176	119	188	211	9	112	132	191	74	—	37
None.....	...	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT												
1979 to March 1980.....	...	22	13	20	28	—	3	22	11	8	—	3
1975 to 1978.....	...	125	36	65	110	—	78	88	79	50	17	12
1970 to 1974.....	...	129	71	104	181	2	81	90	90	59	11	7
1960 to 1969.....	...	244	108	62	209	4	121	190	103	86	19	19
1940 to 1959.....	...	327	207	89	334	5	164	284	186	126	54	16
1939 or earlier.....	...	1 208	595	913	1 340	7	963	1 134	825	1 050	122	82
SOURCE OF WATER												
Public system or private company.....	...	195	9	2	10	—	7	17	5	2	156	5
Individual drilled well.....	...	1 621	923	1 187	1 996	18	1 330	1 685	1 255	1 290	55	133
Individual dug well.....	...	176	95	64	192	—	70	81	34	85	6	—
Same other source.....	...	63	3	—	4	—	3	25	—	2	6	1
SEWAGE DISPOSAL												
Public sewer.....	...	48	5	—	13	—	19	4	10	11	27	2
Septic tank or cesspool.....	...	1 972	1 013	1 201	2 137	18	1 376	1 773	1 262	1 322	188	135
Other means.....	...	35	12	52	52	—	15	31	22	46	8	2
AIR CONDITIONING												
None.....	...	1 781	945	969	1 997	18	1 150	1 595	967	1 131	152	134
Central system.....	...	64	17	64	23	—	54	32	91	78	29	—
1 or more individual room units.....	...	210	68	220	182	—	206	181	236	170	42	5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	...	71	51	93	104	—	75	102	88	52	20	11
1975 to 1978.....	...	261	136	243	318	—	189	188	271	188	40	22
1970 to 1974.....	...	233	151	185	378	2	216	197	213	147	20	12
1960 to 1969.....	...	391	194	218	421	6	285	373	262	280	19	29
1959 or earlier.....	...	1 099	498	514	981	10	645	948	460	712	124	65
HOUSE HEATING FUEL												
Utility gas.....	...	496	99	162	150	—	132	203	152	121	105	10
Bottled, tank, or LP gas.....	...	241	192	223	384	5	109	331	150	117	36	14
Electricity.....	...	49	63	109	167	2	55	96	140	27	6	14
Fuel oil, kerosene, etc.....	...	1 078	556	562	1 274	2	987	1 038	661	1 037	70	62
Coal or coke.....	...	28	17	20	34	—	20	12	4	5	6	2
Wood.....	...	162	103	177	193	9	105	128	185	72	—	37
Other fuel.....	...	1	—	—	—	—	2	—	2	—	—	—
No fuel used.....	...	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE												
Total:												
None.....	...	45	22	80	34	—	24	28	5	36	8	2
1.....	...	407	166	215	487	2	255	342	199	229	60	20
2.....	...	893	434	563	1 009	8	582	766	534	541	93	79
3 or more.....	...	710	408	395	672	8	549	672	556	573	62	38
Trucks or vans:												
None.....	...	733	229	368	670	—	398	557	238	381	73	28
1.....	...	1 109	645	737	1 304	16	849	1 028	788	783	117	97
2.....	...	165	130	141	208	2	147	188	198	174	25	14
3 or more.....	...	48	26	7	20	—	16	35	70	41	8	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	633	219	320	536	2	366	497	302	427	59	28
Owner-occupied housing units.....	...	590	211	305	508	2	350	466	272	388	48	28
Lacking complete plumbing for exclusive use.....	...	18	4	17	15	—	7	4	6	30	13	—
No complete kitchen facilities.....	...	10	4	15	10	—	4	6	6	18	8	—
No vehicle available.....	...	42	18	24	30	—	24	19	2	34	8	2
No telephone.....	...	13	11	22	15	—	17	15	4	11	14	—
Lacking central heating system.....	...	117	46	35	123	2	52	63	37	48	—	5
Lacking air conditioning.....	...	575	204	264	509	2	293	428	199	369	47	26
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	72	32	47	30	—	39	61	44	47	24	—
With a mortgage.....	...	41	22	39	22	—	19	36	21	29	18	—
Less than \$100.....	...	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$199.....	...	—	—	—	2	—	2	—	—	—	—	—
\$200 to \$299.....	...	14	—	18	2	—	2	2	12	2	—	—
\$300 to \$399.....	...	12	10	6	2	—	3	15	5	2	6	—
\$400 to \$599.....	...	9	12	15	10	—	7	14	—	10	6	—
\$600 or more.....	...	6	—	—	4	—	5	5	4	15	6	—
Median.....	...	\$332	\$417	\$319	\$438	—	\$568	\$405	\$292	\$604	\$475	—
Not mortgaged.....	...	31	10	8	8	—	20	25	23	18	6	—
Median.....	...	\$127	\$225	\$117	\$163	—	\$188	\$216	\$147	\$272	\$275	—
GROSS RENT												
Specified renter-occupied housing units	12	5	34	40	—	12	4	23	26	11	...
Less than \$80.....	...	—	—	—	—	—	—	—	1	—	—	...
\$80 to \$99.....	...	—	—	—	—	—	—	—	—	2	—	...
\$100 to \$149.....	...	2	—	—	2	—	—	—	—	—	—	...
\$150 to \$199.....	...	4	—	9	2	—	—	—	—	—	—	...
\$200 to \$299.....	...	—	4	14	5	—	10	2	3	6	—	...
\$300 to \$399.....	...	2	—	—	8	—	2	—	—	—	—	...
\$400 or more.....	...	—	—	—	—	—	—	—	—	2	—	...
No cash rent.....	...	—	1	11	23	—	—	2	19	14	11	...
Median.....	...	\$163	\$225	\$231	\$296	—	\$221	\$213	\$250	\$217	—	...
MEDIAN HOUSEHOLD INCOME IN 1979												
Occupied housing units	\$20 218	\$19 893	\$16 729	\$16 311	\$25 000	\$19 966	\$19 022	\$16 843	\$21 662	\$25 037	\$15 729
Owner-occupied housing units.....	...	\$20 643	\$20 515	\$17 367	\$16 484	\$25 000	\$20 385	\$19 375	\$18 105	\$22 044	\$25 109	...
Renter-occupied housing units.....	...	\$15 461	\$17 188	\$13 966	\$14 732	—	\$17 833	\$16 638	\$12 260	\$20 435	\$19 821	...

Table 102. Selected Characteristics of American Indian Reservations: 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]

Reservations

	Year-round housing units								Occupied housing units with American Indian householder								
	Total	Percent with—							Total	Percent with—			With householder or spouse 65 years and over	Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied	
		Year structure built		5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning		Complete kitchen facilities	Householder moved into unit 1979 to March 1980	1 or more vehicles available		Telephone	With a mortgage		Not mortgaged
		1970 to March 1980	1989 or earlier														
Bay Mills Reservation, Mich.	81	37.0	9.9	—	28.4	2.5	25.9	2.5	91.4	64	6.3	82.8	64.1	3	—	94	99
Chippewa County (pt.)	81	37.0	9.9	—	28.4	2.5	25.9	2.5	91.4	64	6.3	82.8	64.1	3	—	94	99
Hannohville Community, Mich.	46	32.6	21.7	—	—	—	41.3	—	91.3	45	35.6	75.6	20.0	4	—	—	—
Menominee County (pt.)	46	32.6	21.7	—	—	—	41.3	—	91.3	45	35.6	75.6	20.0	4	—	—	—
Isabella Reservation, Mich.	8 434	27.0	32.1	4.6	44.3	45.7	85.7	18.5	97.8	101	27.7	83.2	72.3	24	610	109	174
Isabella County (pt.)	8 434	27.0	32.1	4.6	44.3	45.7	85.7	18.5	97.8	101	27.7	83.2	72.3	24	610	109	174
L'Anse Reservation, Mich.	1 213	30.3	40.1	9.2	66.9	60.7	76.3	11.2	94.6	163	22.7	90.8	81.6	18	325	119	145
Baraga County (pt.)	1 213	30.3	40.1	9.2	66.9	60.7	76.3	11.2	94.6	163	22.7	90.8	81.6	18	325	119	145
Ontonagon Reservation, Mich.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ontonagon County (pt.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pine Creek Reservation, Mich.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Calhoun County (pt.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sault Ste. Marie Reservation, Mich.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chippewa County (pt.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B-1. Computer Allocation Rates for Nonresponse or Inconsistency: 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]

The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's

	Urban						Rural			Rural form	Inside SMSA's	Outside SMSA's
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500			
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Year-round housing units (number) -----	3 450 696	2 432 286	2 143 266	840 630	1 302 636	103 165	185 855	1 018 410	96 147	55 460	2 785 106	665 590
Year structure built -----	6.9	6.5	6.6	9.8	4.5	5.2	5.9	8.0	6.9	1.5	6.3	9.7
1979 to March 1980 -----	0.1	0.1	0.1	—	0.1	0.1	0.1	0.2	0.1	—	0.1	0.2
1975 to 1978 -----	0.4	0.2	0.2	0.1	0.3	0.3	0.4	0.8	0.3	0.1	0.3	0.9
1970 to 1974 -----	0.8	0.6	0.6	0.3	0.7	0.5	0.7	1.4	0.7	0.1	0.6	1.5
1960 to 1969 -----	1.1	1.0	1.0	0.8	1.1	0.8	0.8	1.6	0.8	0.2	0.9	2.0
1950 to 1959 -----	1.1	1.0	1.1	1.3	0.9	0.7	0.8	1.1	1.0	0.1	1.0	1.4
1940 to 1949 -----	1.1	1.2	1.2	2.3	0.6	0.7	0.7	0.8	1.0	0.2	1.1	0.9
1939 or earlier -----	2.3	2.5	2.5	5.0	0.8	2.2	2.6	2.1	3.0	0.8	2.2	2.7
Heating equipment -----	6.8	5.8	5.8	8.0	4.4	5.0	5.7	9.3	7.0	5.8	6.0	10.2
Steam or hot water system -----	1.1	1.2	1.2	2.2	0.6	0.9	0.8	0.8	0.8	0.5	1.1	1.0
Central warm-air furnace -----	4.2	3.8	3.9	4.6	3.4	3.2	3.7	5.0	4.3	2.8	4.0	5.1
Electric heat pump -----	0.1	—	—	0.1	—	—	0.1	0.1	—	—	—	0.1
Other built-in electric units -----	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.5	0.4	0.2	0.2	0.5
Floor, wall, or pipeless furnace -----	0.2	0.2	0.2	0.3	0.1	0.2	0.2	0.4	0.4	0.1	0.2	0.6
Room heaters with flue -----	0.4	0.3	0.3	0.5	0.1	0.3	0.4	0.8	0.6	0.4	0.3	1.0
Room heaters without flue -----	0.1	0.1	—	0.1	—	0.1	0.1	0.2	0.1	—	0.1	0.2
Fireplaces, stoves, or portable room heaters -----	0.5	0.1	0.1	0.1	—	0.1	0.2	1.4	0.3	1.8	0.2	1.6
None -----	—	—	—	—	—	—	—	—	—	—	—	—
Bedrooms -----	5.2	4.7	4.8	7.4	3.1	4.1	4.0	6.3	4.4	1.5	4.6	7.8
None -----	0.7	0.8	0.8	1.3	0.4	0.8	0.7	0.4	0.5	0.2	0.7	0.6
1 -----	1.2	1.2	1.3	2.1	0.8	1.0	0.8	1.0	0.8	0.2	1.1	1.3
2 -----	1.7	1.4	1.4	2.2	0.9	1.0	1.2	2.4	1.5	0.5	1.3	3.1
3 -----	1.2	1.0	1.0	1.4	0.7	0.9	1.0	1.8	1.1	0.4	1.0	2.1
4 -----	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.5	0.4	0.2	0.3	0.5
5 or more -----	0.1	0.1	0.1	0.1	—	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Units in structure -----	5.6	5.1	5.1	7.1	3.8	5.9	5.1	6.9	5.4	3.1	5.1	7.7
1, detached -----	2.5	1.7	1.7	1.9	1.5	1.8	1.9	4.2	2.6	1.9	2.0	4.4
1, attached -----	0.1	0.1	0.1	0.1	0.1	0.1	—	0.1	—	—	0.1	0.1
2 -----	0.7	0.7	0.7	1.4	0.2	0.8	0.5	0.6	0.6	0.8	0.6	0.7
3 and 4 -----	0.5	0.5	0.4	0.7	0.2	0.9	0.7	0.5	0.6	0.3	0.4	0.6
5 to 9 -----	0.5	0.5	0.5	0.6	0.5	0.9	0.6	0.5	0.5	—	0.5	0.6
10 to 49 -----	1.0	1.1	1.1	1.6	0.9	1.0	1.1	0.6	0.9	—	1.0	0.7
50 or more -----	0.3	0.4	0.4	0.6	0.3	0.3	0.2	0.1	0.1	—	0.3	0.1
Mobile home or trailer, etc. -----	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.4
Bathrooms -----	4.5	4.0	4.0	6.4	2.5	3.5	3.8	5.7	4.0	1.2	3.9	7.0
No bathroom or only a half bath -----	1.0	0.9	0.9	1.6	0.5	1.1	1.1	1.3	1.0	0.6	0.9	1.6
1 complete bathroom -----	2.5	2.3	2.3	4.0	1.2	3.1	2.0	3.1	2.3	0.4	2.2	3.9
1 complete bathroom plus half bath(s) -----	0.5	0.4	0.5	0.5	0.4	0.3	0.4	0.7	0.4	0.1	0.5	0.8
2 or more complete bathrooms -----	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.6	0.3	0.1	0.4	0.7
Kitchen facilities -----	4.1	3.6	3.7	5.7	2.3	3.0	3.1	5.4	3.7	1.0	3.5	6.7
Complete kitchen facilities -----	3.9	3.4	3.5	5.4	2.3	2.9	3.0	4.9	3.5	0.8	3.3	6.0
No complete kitchen facilities -----	0.3	0.2	0.2	0.4	0.1	0.1	0.1	0.5	0.2	0.2	0.2	0.7
Air conditioning -----	4.0	3.5	3.5	5.4	2.3	2.7	3.1	5.1	3.6	0.8	3.4	6.1
None -----	3.0	2.3	2.3	4.1	1.2	2.0	2.3	4.5	3.1	0.6	2.3	5.6
Central system -----	0.4	0.4	0.4	0.3	0.5	0.2	0.3	0.2	0.1	—	0.4	0.1
1 or more individual room units -----	0.6	0.7	0.8	1.0	0.6	0.5	0.5	0.4	0.4	0.1	0.7	0.4
Source of water -----	3.1	2.7	2.8	4.1	2.0	2.2	2.2	4.0	2.9	0.8	2.8	4.3
Public system or private company -----	2.4	2.6	2.7	4.1	1.8	2.2	2.0	1.8	2.2	0.1	2.4	2.1
Individual drilled well -----	0.7	0.1	0.1	—	0.2	—	0.1	2.0	0.7	0.5	0.4	2.1
Individual dug well -----	—	—	—	—	—	—	—	0.1	—	0.1	—	0.1
Some other source -----	—	—	—	—	—	—	—	0.1	—	—	—	—
Sewage disposal -----	3.3	2.9	3.0	4.5	2.0	2.4	2.2	4.2	2.8	0.6	3.0	4.5
Public sewer -----	2.4	2.7	2.7	4.3	1.8	2.3	2.0	1.7	2.3	—	2.5	1.9
Septic tank or cesspool -----	0.7	0.1	0.1	—	0.2	—	0.1	2.0	0.4	0.4	0.3	2.0
Other means -----	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.4	0.2	0.1	0.1	0.6
Stories in structure -----	3.7	3.8	4.0	5.9	2.7	3.2	2.6	3.5	2.8	1.5	3.7	3.9
1 to 3 -----	3.5	3.5	3.6	5.2	2.7	3.1	2.5	3.5	2.8	1.5	3.4	3.8
4 to 6 -----	0.1	0.2	0.2	0.4	—	—	—	—	—	—	0.1	—
7 to 12 -----	—	0.1	0.1	0.1	—	—	—	—	—	—	0.1	—
13 or more -----	—	—	—	0.1	—	—	—	—	—	—	—	—
Passenger elevator in structures with 4 or more stories -----	0.3	0.4	0.5	1.0	0.1	0.2	0.1	—	—	—	0.4	—
With elevator -----	0.2	0.3	0.3	0.7	0.1	0.2	0.1	—	—	—	0.3	—
No elevator -----	0.1	0.1	0.1	0.3	—	—	—	—	—	—	0.1	—
Occupied housing units (number) -----	3 195 213	2 310 069	2 038 096	783 228	1 254 868	97 394	174 579	885 144	87 357	55 460	2 644 165	551 048
Vehicles available -----	7.8	7.3	7.3	7.9	6.8	7.2	8.0	9.0	8.0	5.5	7.5	9.3
None -----	3.1	3.3	3.3	4.2	2.8	3.4	3.3	2.4	2.9	1.1	3.1	3.0
1 -----	3.3	2.7	2.6	2.6	2.7	2.9	3.5	4.8	3.9	3.2	3.0	4.8
2 -----	1.1	1.0	1.0	0.9	1.1	0.8	1.0	1.4	1.0	0.9	1.1	1.2
3 or more -----	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.4	0.2	0.3	0.3	0.3
Telephone in housing unit -----	1.9	2.0	2.0	2.5	1.7	1.7	1.6	1.8	1.4	1.1	2.0	1.8
With telephone -----	1.8	1.8	1.9	2.3	1.6	1.6	1.5	1.7	1.3	1.1	1.8	1.7
No telephone -----	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	—	0.1	0.1
House heating fuel -----	5.5	4.0	3.9	5.1	3.2	4.6	4.2	9.5	4.6	18.9	4.5	10.3
Utility gas -----	2.6	2.8	2.8	3.6	2.3	3.1	2.7	2.2	2.9	2.5	2.6	2.5
Bottled, tank, or LP gas -----	0.5	—	—	—	—	—	0.1	1.8	0.1	4.2	0.2	2.1
Electricity -----	0.9	0.9	0.9	1.2	0.7	1.0	0.8	0.9	0.8	0.8	0.9	1.0
Fuel oil, kerosene, etc. -----	1.3	0.2	0.1	0.1	0.1	0.4	0.6	4.2	0.7	10.9	0.7	4.2
Cool or coke -----	—	—	—	0.1	—	—	—	—	—	0.1	—	—
Wood -----	0.1	—	—	—	—	—	—	0.3	0.1	0.5	—	0.4
Other fuel -----	—	—	—	0.1	—	—	—	—	—	—	—	—
No fuel used -----	—	—	—	—	—	—	—	—	—	—	—	—
Water heating fuel -----	2.6	2.6	2.7	3.5	2.1	2.5	2.3	2.6	2.1	2.0	2.6	2.7
Cooking fuel -----	1.9	1.8	1.9	2.4	1.6	1.7	1.6	2.1	1.6	1.4	1.9	1.9
Year householder moved into unit -----	4.3	3.9	3.9	4.9	3.3	3.9	3.8	5.3	4.0	13.4	4.1	5.4
1979 to March 1980 -----	0.7	0.7	0.7	0.9	0.6	0.7	0.7	0.7	0.5	0.3	0.7	0.7
1975 to 1978 -----	0.8	0.8	0.8	0.9	0.7	0.6	0.6	1.0	0.7	0.7	0.8	0.9
1970 to 1974 -----	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.6	0.4	0.4	0.4	

Table B-2. Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More, and Counties: 1980

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

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

	Year-round housing units											Occupied housing units							
	Percent allocations											Percent allocations							
	Total (number)	Year structure built	Heat- ing equip- ment	Units in struc- ture	Bed- rooms	Kit- chen facil- ities	Bath- rooms	Source of water	Sewage dis- posal	Stor- ies in struc- ture	Pos- senger ele- vator	Air condi- tioning	Total (number)	House heat- ing fuel	Water heat- ing fuel	Cook- ing fuel	Year house- holder moved into unit	Ve- hicles avail- able	Tele- phone in housing unit
The State	3 450 696	6.9	6.8	5.6	5.2	4.1	4.5	3.1	3.3	3.7	0.4	4.0	3 195 213	5.5	2.6	1.9	4.3	7.8	1.9
URBAN AND RURAL AND SIZE OF PLACE																			
Urban	2 432 286	6.5	5.8	5.1	4.7	3.6	4.0	2.7	2.9	3.8	0.6	3.5	2 310 069	4.0	2.6	1.8	3.9	7.3	2.0
Inside urbanized areas	2 143 266	6.6	5.8	5.1	4.8	3.7	4.0	2.8	3.0	4.0	0.7	3.5	2 038 096	3.9	2.7	1.9	3.9	7.3	2.0
Central cities	840 630	9.8	8.0	7.1	7.4	5.7	6.4	4.1	4.5	5.9	1.4	5.4	783 228	5.1	3.5	2.4	4.9	7.9	2.5
Urban fringe	1 302 636	4.5	4.4	3.8	3.1	2.3	2.5	2.0	2.0	2.7	0.2	2.3	1 254 868	3.2	2.1	1.6	3.3	6.8	1.7
Outside urbanized areas	289 020	5.7	5.4	5.4	4.0	3.1	3.7	2.2	2.3	2.8	0.2	3.0	271 973	4.3	2.4	1.6	3.8	7.7	1.6
Places of 10,000 or more	103 165	5.2	5.0	5.9	4.1	3.0	3.5	2.2	2.4	3.2	0.3	2.7	97 394	4.6	2.5	1.7	3.9	7.2	1.7
Places of 2,500 to 10,000	185 855	5.9	5.7	5.1	4.0	3.1	3.8	2.2	2.2	2.6	0.1	3.1	174 579	4.2	2.3	1.6	3.8	8.0	1.6
Rural	1 018 410	8.0	9.3	6.9	6.3	5.4	5.7	4.0	4.2	3.5	-	5.1	885 044	9.5	2.6	2.1	5.3	9.0	1.8
Places of 1,000 to 2,500	96 147	6.9	7.0	5.4	4.4	3.7	4.0	2.9	2.8	2.8	-	3.6	87 357	4.6	2.1	1.6	4.0	8.0	1.4
Other rural	922 263	8.1	9.6	7.0	6.5	5.6	5.8	4.2	4.3	3.5	-	5.3	797 787	10.0	2.7	2.1	5.4	9.2	1.9
Farm	55 460	1.5	5.8	3.1	1.5	1.0	1.2	0.8	0.6	1.5	-	0.8	55 460	18.9	2.0	1.4	13.4	5.5	1.1
INSIDE AND OUTSIDE SMSA'S																			
Inside SMSA's	2 785 106	6.3	6.0	5.1	4.6	3.5	3.9	2.8	3.0	3.7	0.5	3.4	2 644 165	4.5	2.6	1.9	4.1	7.5	2.0
Urban	2 266 454	6.5	5.8	5.1	4.7	3.6	4.0	2.7	2.9	3.9	0.6	3.5	2 154 861	3.9	2.6	1.9	3.9	7.3	2.0
Central cities	861 988	9.6	7.9	7.0	7.3	5.6	6.3	4.1	4.5	5.8	1.3	5.3	804 024	5.2	3.5	2.4	4.9	8.0	2.5
Not in central cities	1 404 466	4.6	4.5	3.9	3.2	2.4	2.6	1.9	1.9	2.7	0.2	2.4	1 350 837	3.1	2.1	1.6	3.3	6.9	1.7
Rural	518 652	5.1	7.0	5.5	3.8	3.1	3.4	3.2	3.2	2.8	-	3.1	489 304	7.2	2.4	2.1	4.8	8.4	1.9
Outside SMSA's	665 590	9.7	10.2	7.7	7.8	6.7	7.0	4.3	4.5	3.9	0.1	6.1	551 048	10.3	2.7	1.9	5.4	9.3	1.8
Urban	165 832	5.9	5.4	5.8	4.3	3.3	3.9	2.5	2.7	3.1	0.3	3.1	155 208	5.0	2.4	1.5	4.1	7.9	1.6
Rural	499 758	10.9	11.8	8.4	8.9	7.8	8.0	4.9	5.2	4.1	-	7.1	395 840	12.3	2.9	2.1	5.9	9.8	1.8
SCSA's																			
Detroit-Ann Arbor, Mich.	1 685 862	6.6	6.2	5.3	5.0	4.0	4.3	3.2	3.4	4.3	0.8	3.9	1 601 967	3.9	2.5	1.9	3.8	7.2	2.0
Urban	1 538 543	6.8	6.1	5.3	5.2	4.1	4.4	3.2	3.4	4.4	0.9	3.9	1 462 209	3.8	2.6	1.8	3.8	7.1	2.0
Rural	147 319	4.9	7.0	5.1	3.7	3.1	3.5	3.2	3.3	3.1	-	3.3	139 758	5.6	2.2	1.9	4.0	8.0	1.7
SMSA's																			
Ann Arbor, Mich.	97 397	5.8	4.9	4.8	4.6	2.7	3.5	1.7	2.0	2.7	0.3	2.7	92 937	6.0	3.6	2.0	3.5	7.7	2.2
Urban	78 123	6.1	4.4	5.0	4.9	2.6	3.5	1.6	1.9	2.7	0.3	2.5	74 576	5.9	4.1	2.0	3.2	7.5	2.2
Rural	19 274	4.5	6.8	4.2	3.8	3.2	3.6	2.2	2.2	2.5	-	3.5	18 361	6.1	2.0	1.9	5.0	8.4	2.0
Battle Creek, Mich.	71 710	5.7	6.0	5.1	3.5	2.5	3.1	1.9	2.1	2.4	0.1	2.4	66 556	6.6	3.1	2.6	5.1	9.3	2.5
Urban	40 086	5.3	5.0	4.5	3.3	2.4	3.2	1.5	1.8	2.5	0.2	2.4	38 023	4.1	3.5	3.0	4.9	9.9	2.9
Rural	31 624	6.2	7.2	6.0	3.7	2.7	2.9	2.4	2.6	2.3	-	2.5	28 533	9.8	2.6	2.1	5.3	8.4	1.9
Bay City, Mich.	43 116	4.8	6.3	5.2	3.6	2.8	3.5	1.8	2.1	2.1	0.1	2.9	41 348	5.1	2.6	2.0	6.8	7.5	1.7
Urban	29 395	5.1	6.5	5.1	3.8	3.1	3.8	1.5	2.0	2.4	0.1	3.2	28 287	4.0	2.6	2.0	6.5	7.2	1.8
Rural	13 721	4.0	6.0	5.3	3.2	2.3	2.8	2.3	2.3	1.6	-	2.1	13 061	7.7	2.5	2.0	7.6	8.0	1.4
Benton Harbor, Mich.	65 635	5.6	7.0	6.7	4.7	3.3	3.6	3.5	3.6	2.9	-	3.3	60 276	4.6	2.4	1.8	4.4	7.7	1.9
Urban	36 473	5.7	5.9	5.4	4.9	3.1	3.5	2.5	2.4	2.6	0.1	2.8	34 114	3.5	2.4	1.8	3.9	7.3	2.0
Rural	29 162	5.5	8.4	8.2	4.5	3.6	3.8	4.8	5.1	3.2	-	4.0	26 162	5.9	2.5	1.8	5.1	8.2	1.9
Detroit, Mich.	1 588 465	6.7	6.2	5.3	5.1	4.1	4.3	3.3	3.5	4.4	0.8	3.9	1 509 030	3.8	2.5	1.8	3.9	7.1	2.0
Urban	1 460 420	6.8	6.2	5.3	5.2	4.1	4.4	3.3	3.5	4.5	0.9	4.0	1 387 633	3.8	2.5	1.8	3.9	7.1	2.0
Rural	128 045	4.9	7.0	5.3	3.6	3.1	3.4	3.4	3.5	3.2	-	3.3	121 397	5.6	2.2	1.9	3.8	7.9	1.7
Flint, Mich.	186 991	7.1	6.0	5.3	4.2	3.3	3.7	2.6	2.5	3.4	-	3.1	178 000	5.2	2.9	2.2	4.3	8.6	2.2
Urban	137 902	8.1	6.1	5.4	4.6	3.5	4.0	2.5	2.4	3.5	0.1	3.4	130 869	4.9	3.1	2.3	4.2	8.7	2.2
Rural	49 089	4.4	5.8	5.1	2.9	2.5	2.6	3.0	2.8	3.0	-	2.3	47 131	6.0	2.4	2.0	4.5	8.3	2.0
Grand Rapids, Mich.	216 278	4.5	4.8	4.3	3.2	2.3	2.7	2.0	1.9	2.8	0.1	2.2	206 047	4.2	2.1	1.5	3.7	7.0	1.4
Urban	160 731	4.7	4.6	4.0	3.2	2.4	2.8	1.7	1.6	2.9	0.1	2.2	152 954	3.0	2.1	1.4	3.4	6.8	1.4
Rural	55 547	4.0	5.4	5.2	3.1	2.2	2.5	2.7	2.7	2.4	-	2.3	53 093	7.4	1.9	1.8	4.6	7.4	1.5
Jackson, Mich.	53 629	6.2	6.4	4.5	3.9	2.9	3.4	2.1	2.0	2.4	0.2	2.9	50 974	5.7	2.6	1.9	4.1	8.0	1.6
Urban	29 598	6.7	5.3	3.3	4.1	2.9	3.5	1.5	1.7	2.2	0.4	2.7	28 209	4.0	2.5	1.5	3.7	7.4	1.5
Rural	24 031	5.5	7.8	5.9	3.6	2.7	3.3	2.8	2.5	2.6	-	3.2	22 765	7.7	2.7	2.5	4.5	8.6	1.9
Kalamazoo-Portage, Mich.	104 801	5.8	6.3	5.2	4.1	3.1	3.7	2.5	3.0	2.5	0.1	3.0	98 526	6.0	3.4	2.4	4.2	8.7	2.1
Urban	62 895	5.4	4.7	4.2	3.3	2.2	2.9	1.3	1.8	2.1	0.1	2.0	59 497	5.0	3.6	2.1	3.8	8.1	1.9
Rural	41 906	6.3	8.7	6.6	5.3	4.5	4.8	4.3	4.8	3.0	0.1	4.4	39 029	7.5	3.2	2.8	4.8	9.6	2.3
Lansing-East Lansing, Mich.	166 484	5.6	5.2	4.6	3.4	2.4	2.8	1.7	1.7	2.3	0.1	2.3							

Table B-2. Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More, and Counties: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Year-round housing units											Occupied housing units							
	Percent allocations											Percent allocations							
	Total (number)	Year struc- ture built	Heat- ing equip- ment	Units in struc- ture	Bed- rooms	Kit- chen facil- ities	Bath- rooms	Source of water	Sewage dis- posal	Star- ies in struc- ture	Pass- enger ele- vator	Air con- dition- ing	Total (number)	House heat- ing fuel	Water heat- ing fuel	Cook- ing fuel	Year house- holder moved into unit	Ve- hicles avail- able	Tele- phone in- house unit
URBANIZED AREAS—Con.																			
Muskegon—Muskegon Heights, Mich.	39 799	7.0	6.7	5.8	5.2	3.5	4.2	3.0	2.9	3.8	0.2	4.0	37 825	3.9	3.3	2.4	5.1	8.5	2.4
Part Huron, Mich.	22 692	6.0	6.2	3.6	3.1	2.3	2.8	1.0	1.0	1.8	0.1	2.0	21 668	2.8	2.0	1.3	3.6	6.5	1.4
Saginaw, Mich.	53 227	5.2	4.8	4.0	3.9	2.5	2.3	1.0	1.4	2.4	0.2	2.3	50 781	4.8	2.7	1.9	4.8	6.6	1.6
South Bend, Ind.—Mich.	87 044	5.8	6.7	5.2	4.4	3.6	3.9	2.8	2.9	3.9	0.1	3.6	82 268	3.0	2.2	1.7	4.8	7.8	2.0
Indiana (pt.)	77 745	5.8	6.8	5.2	4.4	3.7	3.9	2.9	2.9	4.1	0.1	3.7	73 388	3.0	2.3	1.8	4.9	7.9	2.0
Michigan (pt.)	9 299	6.2	6.1	4.8	3.7	2.1	3.2	2.3	2.6	2.3	0.2	2.7	8 880	3.0	1.8	1.7	4.2	7.1	1.8
Tolado, Ohio—Mich.	190 364	6.2	4.9	5.2	3.8	3.2	3.6	2.8	2.9	3.8	0.2	3.0	177 867	2.9	1.9	1.4	3.7	6.1	1.6
Michigan (pt.)	4 517	4.8	4.3	4.4	2.0	2.0	1.9	3.6	3.6	2.5	—	2.1	4 382	2.4	2.6	2.2	3.5	8.0	2.1
Ohio (pt.)	185 847	6.2	4.9	5.2	3.9	3.2	3.6	2.7	2.9	3.9	0.2	3.0	173 485	2.9	1.8	1.4	3.7	6.0	1.6
PLACES OF 2,500 OR MORE																			
Adrian city	7 642	7.6	7.8	9.4	5.8	4.6	5.6	3.5	4.0	4.9	—	4.1	7 241	2.7	2.3	1.4	3.9	9.0	2.1
Albion city	3 789	5.6	5.5	7.8	4.0	1.5	2.6	1.5	1.5	2.7	—	2.6	3 527	4.9	4.1	3.2	6.4	8.8	3.9
Algonac city	1 657	2.8	5.7	1.4	1.8	2.0	1.4	0.7	1.4	2.3	—	2.5	1 584	2.6	0.6	0.9	2.3	8.3	1.1
Allegan city	1 708	3.3	6.1	4.0	3.7	1.5	2.2	0.6	0.8	3.0	—	1.3	1 612	2.2	1.4	0.4	3.6	5.3	0.4
Allen Park city	12 135	1.6	3.4	1.1	1.9	1.6	1.5	0.9	0.6	1.6	—	1.7	11 994	1.5	1.4	1.2	3.4	5.2	1.4
Alma city	3 241	6.7	5.2	6.8	4.3	3.5	3.8	2.8	2.5	4.5	0.4	3.3	3 090	4.1	3.9	3.3	6.2	10.9	2.8
Alpena city	4 840	3.7	3.3	3.7	3.3	2.2	2.6	1.4	1.5	2.4	—	1.9	4 574	2.6	1.0	1.0	5.7	4.8	0.9
Ann Arbor city	40 133	5.1	3.8	4.8	4.8	2.2	3.2	1.5	1.6	2.6	0.2	2.1	38 934	6.8	4.9	2.3	3.3	7.8	2.3
Bad Axe city	1 263	3.0	5.9	7.0	0.7	0.4	0.7	1.0	1.0	2.5	—	0.4	1 185	3.0	1.3	1.3	2.8	8.3	2.1
Battle Creek city	15 101	6.3	6.1	5.2	4.9	3.7	4.5	1.5	1.8	3.6	0.4	3.5	14 124	4.8	4.4	3.7	5.6	12.4	4.0
Bay City city	16 314	5.8	7.3	4.3	4.5	3.5	4.7	1.3	1.5	2.4	0.3	3.9	15 545	4.1	2.6	2.1	7.8	7.0	1.8
Beaucher (CDP)	5 524	17.3	12.9	7.5	11.4	9.1	8.7	2.8	4.2	4.3	—	9.8	5 045	6.4	4.7	4.3	6.3	11.2	3.0
Belding city	2 010	6.2	7.1	5.5	3.0	4.3	4.0	1.2	1.8	1.7	—	2.3	1 952	5.6	4.6	2.1	3.8	9.6	1.6
Belleville city	1 496	7.1	4.1	7.8	2.7	3.6	2.8	2.5	2.5	4.7	—	4.1	1 430	2.9	2.3	1.7	6.5	11.9	3.2
Bentley Harbor city	5 182	7.4	4.7	5.3	10.8	4.3	4.9	2.4	3.8	4.5	0.2	3.0	4 597	6.8	3.8	2.0	3.6	7.1	2.4
Bentley Heights (CDP)	2 464	6.9	6.9	8.8	6.9	4.8	5.6	5.1	4.1	4.3	—	3.2	2 204	3.6	3.2	2.3	3.6	6.8	2.4
Berkley city	6 747	2.0	2.5	1.8	0.9	1.0	0.8	0.5	0.6	1.2	0.4	1.1	6 670	1.1	0.9	0.3	2.3	3.8	0.5
Bessemer city	1 099	6.3	4.4	6.4	4.5	5.3	6.2	3.1	4.3	5.5	—	3.9	993	8.8	4.1	2.8	9.3	8.5	3.3
Beverly Hills village	4 092	1.6	2.6	2.1	1.1	1.0	1.3	1.1	1.0	2.7	—	1.1	3 970	1.5	0.9	0.8	2.6	5.8	0.9
Big Rapids city	3 359	4.8	3.9	7.7	2.6	1.4	2.5	1.1	1.9	1.5	—	0.8	3 264	6.6	2.0	1.7	2.5	4.9	1.1
Birmingham city	9 301	3.2	4.3	3.0	1.4	1.0	1.4	0.8	0.7	1.5	0.4	1.8	8 979	2.3	1.2	1.0	2.2	5.8	0.8
Blissfield village	1 170	3.2	4.7	3.2	1.3	0.9	1.5	1.3	0.9	2.3	—	3.7	1 127	2.9	1.5	1.5	1.6	7.2	1.2
Bloomfield Hills city	1 360	3.1	0.7	7.7	1.0	0.3	0.3	3.5	0.6	5.7	—	0.8	1 273	1.2	1.8	1.7	3.0	8.0	0.5
Bozette city	1 456	7.1	9.4	5.2	6.5	5.2	5.5	4.1	4.1	4.3	—	5.1	1 257	3.3	1.0	1.0	4.3	9.1	1.0
Brighton city	1 869	10.3	6.7	1.8	11.5	8.9	10.2	1.9	3.4	3.4	—	10.8	1 675	4.2	2.4	2.0	2.1	8.5	1.7
Brownlee Park (CDP)	1 199	6.2	8.2	10.8	1.8	2.5	3.2	0.8	0.8	2.3	—	1.4	1 152	3.0	3.2	3.0	7.6	8.7	3.2
Buchanan city	2 080	11.5	10.8	8.8	8.9	7.5	8.4	0.4	0.8	1.7	—	7.2	1 915	4.1	3.6	2.0	4.4	9.2	2.1
Burton city	10 626	5.2	4.6	3.6	3.1	2.4	2.7	1.9	1.6	2.7	0.1	2.5	10 299	4.5	2.4	1.8	4.1	7.9	2.0
Cadillac city	4 084	7.0	9.0	5.9	4.7	3.0	3.7	3.1	3.0	3.1	0.3	3.1	3 822	5.3	2.6	1.9	5.0	8.5	2.4
Carleton village	9 967	14.0	13.1	10.8	11.7	11.2	11.1	10.4	8.5	3.5	—	11.2	944	10.5	9.1	8.8	12.0	22.9	8.6
Cara village	1 777	6.7	7.1	5.1	5.5	2.8	5.0	1.3	1.7	4.8	—	3.0	1 678	5.8	3.2	1.0	3.3	4.1	3.0
Cedar Springs city	940	4.4	5.0	5.1	1.3	1.3	2.3	1.1	1.6	1.7	—	0.9	859	3.5	0.7	0.8	1.4	7.3	1.0
Center Line city	3 642	3.3	4.7	4.3	3.3	3.8	2.5	1.6	1.6	3.0	0.4	2.1	3 581	3.0	2.1	1.3	4.6	5.6	1.8
Charlevoix city	1 598	16.1	22.6	16.9	16.1	15.5	14.6	12.8	13.1	13.3	3.3	15.4	1 302	4.8	1.9	2.0	3.3	41.6	1.3
Charlotte city	3 170	8.7	7.4	6.3	5.9	4.4	5.9	1.6	1.8	1.9	—	4.6	3 007	5.2	4.1	2.9	4.6	9.8	2.7
Cheboygan city	2 018	10.3	10.1	11.4	10.0	8.5	10.9	8.3	9.2	8.5	—	8.7	1 803	2.9	0.9	0.9	3.3	3.3	1.2
Chelsea village	1 386	6.0	7.3	5.7	3.6	2.7	3.8	0.5	0.5	3.0	—	3.8	1 342	3.5	1.4	1.9	3.7	5.2	0.7
Chesaning village	959	3.2	4.3	3.1	3.1	2.6	2.6	3.2	2.6	1.6	—	2.6	915	2.2	0.7	0.7	5.0	6.0	1.3
Clare city	1 416	8.5	6.1	6.2	3.7	2.5	3.2	1.6	1.2	3.5	—	1.1	1 287	5.3	1.9	1.9	4.6	6.7	1.6
Clawson city	5 509	3.1	3.4	1.7	1.7	1.7	1.3	1.1	0.8	1.8	0.2	1.3	5 420	3.6	2.2	0.8	2.2	6.3	1.2
Clio city	1 096	0.6	4.7	1.8	—	0.5	3.0	1.9	1.2	0.6	—	1.1	1 030	4.2	3.5	2.3	2.5	16.2	6.1
Caldwell city	3 809	6.5	7.3	5.3	6.0	3.0	6.0	2.2	1.7	1.3	0.8	3.9	3 581	3.6	3.7	2.5	4.2	12.0	1.9
Camstock Park (CDP)	1 947	2.1	2.9	3.1	1.1	0.6	1.5	1.2	1.2	2.2	—	0.3	1 817	0.6	0.2	—	1.2	4.7	0.7
Caopersville city	1 000	2.3	2.0	6.7	2.3	1.1	1.4	0.8	0.6	1.8	—	0.5	963	4.0	1.8	1.0	4.6	7.4	1.0
Caruncho city	1 107	5.0	4.3	6.6	4.3	2.9	3.3	4.3	6.1	3.9	—	3.5	1 064	6.4	5.0	4.2	5.1	12.5	3.5
Cutlerville (CDP)	3 114	6.7	3.6	16.1	2.7	1.9	1.6	2.5	2.1	4.8	—	1.9	3 024	2.9	2.0	2.0	4.6	8.3	1.7
Davison city	2 507	6.5	4.7	5.8	2.7	2.2	4.4	2.6	1.6	2.3	—	2.2	2 389	6.1	4.9	2.8	4.9	15.2	3.0
Dearborn city	35 692	3.3	4.2	3.1	3.3	2.2	2.6	1.7	1.8	2.6	0.3	2.0	34 890	1.4	1.3	1.0	4.6	5.6	0.9
Dearborn Heights city	23 483	3.6	3.6	2.1	2.4	1.7	1.5	1.5	1.4	2.2	—	1.8	23 197	1.6	1.0	1.2	3.3	6.4	1.3
Detroit city	471 228	12.1	10.1	9.0	9.6	7.9	8.5	6.2	6.7	8.2	2.3	7.5	433 488	5.4	3.7	2.7	5.3	8.3	3.0
De Witt city	1 029	3.8	7.3	4.6	4.1	3.2	2.1	7.1	4.2	1.4	—								

Table B-2. Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More, and Counties: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

PLACES OF 2,500 OR MORE—Con.

	Year-round housing units											Occupied housing units							
	Percent allocations											Percent allocations							
	Total (number)	Year structure built	Heating equipment	Units in structure	Bed-rooms	Kitchen facilities	Bath-rooms	Source of water	Sewage disposal	Stories in structure	Pos-senger elevator	Air conditioning	Total (number)	House heating fuel	Water heating fuel	Cook-ing fuel	Year house-holder moved into unit	Ve-hicles avail-able	Tele-phone in hous-ing unit
Gibraltar city	1 617	5.5	3.3	1.4	2.2	1.9	0.8	0.2	0.7	1.7	—	0.8	1 488	1.5	1.5	0.9	2.3	4.6	1.6
Gladstone city	1 778	6.5	3.5	5.4	3.3	4.5	3.5	3.4	3.8	2.0	—	2.2	1 628	6.2	3.4	2.0	6.4	14.0	1.9
Grand Blanc city	2 761	9.0	7.4	8.6	6.9	6.2	7.2	7.2	6.5	6.7	—	6.6	2 576	3.4	2.0	1.6	1.5	7.4	1.2
Grand Haven city	4 770	3.7	5.1	4.8	2.5	1.7	2.2	1.4	1.4	2.0	—	1.6	4 484	2.1	2.8	1.4	3.9	7.3	2.3
Grand Ledge city	2 786	7.8	6.5	7.6	4.5	2.2	3.6	0.6	0.8	1.8	—	3.1	2 647	5.0	2.4	2.2	1.3	9.4	1.8
Grand Rapids city	69 847	5.8	5.0	3.8	4.1	3.1	3.8	1.6	1.7	3.2	0.2	2.9	65 535	3.0	2.3	1.3	3.9	6.7	1.5
Grandville city	4 273	2.9	3.6	3.3	2.0	1.6	1.5	1.7	1.2	3.1	—	1.2	4 154	3.0	1.3	1.4	1.8	6.6	1.4
Greenville city	3 235	4.9	2.5	4.4	1.9	1.7	2.3	1.3	0.8	1.5	—	1.7	3 098	2.4	1.7	0.8	2.1	8.7	1.2
Grosse Pointe city	2 463	1.9	2.4	1.5	1.5	2.1	1.4	0.2	0.6	4.0	—	1.6	2 384	1.4	1.3	1.1	3.5	3.8	2.5
Grosse Pointe Farms city	3 869	1.0	2.7	1.3	0.9	0.8	1.0	0.6	0.6	4.0	—	1.4	3 791	1.1	1.6	2.0	4.0	5.6	1.1
Grosse Pointe Park city	4 990	2.7	4.0	3.2	2.6	2.2	1.5	0.6	0.7	5.7	—	2.3	4 834	1.8	2.4	2.0	3.8	4.5	2.1
Grosse Pointe Shores village	1 050	2.7	2.9	1.4	1.4	1.0	0.6	0.4	0.4	0.6	—	1.3	1 013	0.9	1.4	1.6	4.4	3.8	1.8
Grosse Pointe Woods city	6 658	1.2	2.7	1.2	2.1	0.6	1.6	0.3	0.7	1.1	—	2.1	6 589	1.9	2.0	2.3	4.9	7.8	1.5
Hamtramck city	10 300	10.1	6.9	9.0	6.5	5.4	6.8	4.5	4.8	6.5	—	5.1	9 202	1.6	1.2	0.8	10.2	4.5	1.5
Hancock city	1 983	5.4	4.8	5.8	7.8	4.9	5.6	4.5	5.8	4.8	0.7	4.5	1 857	9.5	5.6	4.1	6.6	10.3	4.8
Harper Woods city	6 595	1.8	2.6	0.8	1.4	0.8	0.6	0.8	0.7	0.9	—	0.7	6 529	0.9	1.2	1.3	2.7	4.0	1.7
Hoslett (CDP)	3 325	4.4	5.0	4.4	2.2	1.6	2.5	3.5	2.4	2.5	—	2.2	3 063	5.2	3.1	2.0	2.4	6.8	1.6
Hastings city	2 508	3.0	3.7	3.2	2.4	1.0	3.5	1.3	1.2	2.8	—	1.5	2 387	3.4	2.1	1.5	1.3	3.0	0.6
Hazel Park city	7 693	4.6	4.3	4.8	3.5	2.3	2.9	2.2	2.2	3.5	0.6	2.3	7 289	2.9	2.1	1.9	4.1	8.1	2.0
Highland Park city	11 727	17.5	14.5	13.6	15.2	12.6	13.1	12.1	12.6	14.4	7.5	11.5	10 304	6.4	4.2	3.0	4.2	6.5	3.8
Hillsdale city	2 893	7.1	8.4	4.3	6.9	4.9	6.8	0.7	1.1	1.6	—	6.7	2 716	4.0	3.7	2.8	4.9	9.6	3.1
Holland city	9 627	4.9	4.4	5.1	5.0	3.0	2.9	2.2	1.8	2.8	—	2.9	9 188	3.1	1.9	1.2	4.1	5.8	1.0
Holly village	1 712	4.4	5.7	3.8	3.2	3.4	3.3	3.7	2.5	3.2	—	2.7	1 606	1.8	1.6	1.1	2.0	7.6	1.7
Holt (CDP)	3 794	4.7	2.9	6.6	1.9	2.1	1.8	2.2	2.3	2.3	—	1.8	3 682	4.3	3.0	2.0	3.9	11.6	2.0
Houghton city	1 818	5.0	2.3	5.9	8.0	2.4	5.8	2.1	2.4	3.0	—	2.3	1 748	10.0	4.3	1.2	6.8	13.1	1.9
Howell city	2 844	10.1	8.5	8.1	7.0	6.2	6.8	0.7	2.0	3.1	—	5.7	2 664	2.6	2.4	2.1	3.3	7.8	2.1
Hudson city	9 930	3.1	5.4	5.7	3.5	1.4	2.3	1.4	2.0	2.7	—	1.4	886	3.2	3.5	1.8	6.7	11.6	2.4
Hudsonville city	1 637	2.3	4.8	6.2	1.3	0.8	0.7	1.2	1.2	1.1	1.0	0.4	1 583	2.5	1.2	0.8	3.9	5.7	0.4
Huntington Woods city	2 469	1.3	3.7	1.9	1.3	1.0	1.0	0.9	0.9	2.9	—	1.5	2 451	0.8	0.4	0.7	1.6	3.3	1.1
Inkster city	12 247	6.8	5.4	4.4	6.3	4.2	3.4	2.5	2.2	3.3	0.4	3.5	11 753	4.0	2.0	1.8	3.7	7.4	2.4
Ionia city	2 347	8.6	8.6	6.0	6.6	5.8	7.0	2.6	2.7	2.8	0.3	5.7	2 186	5.5	3.8	3.8	4.5	10.2	3.0
Iron Mountain city	3 637	8.7	8.3	7.3	9.1	9.1	7.3	5.3	5.4	6.6	—	6.9	3 371	4.0	2.0	0.2	4.4	7.1	2.0
Ironwood city	3 424	0.8	0.8	2.3	2.3	1.1	1.7	0.7	0.7	1.2	0.3	0.9	3 185	11.3	1.4	1.5	5.0	6.8	1.6
Ishpeming city	3 298	5.8	4.5	4.5	4.2	3.2	3.4	2.9	3.8	5.0	—	2.9	2 987	3.0	2.2	1.1	3.6	4.1	—
Ithaca city	1 112	4.6	5.7	4.0	2.8	2.4	2.9	1.1	1.1	2.6	—	1.4	1 064	5.0	1.0	0.5	0.7	4.2	0.5
Jackson city	15 937	8.0	5.5	3.7	5.1	3.3	4.3	1.1	1.7	2.4	0.7	3.1	15 005	4.5	3.0	1.5	3.8	6.7	1.4
Jenison (CDP)	4 673	2.3	3.9	2.6	1.5	1.3	1.6	2.2	1.4	2.7	—	1.6	4 588	2.0	1.1	1.4	1.6	6.2	1.2
Kalamazoo city	30 199	7.1	5.8	5.6	4.5	2.8	4.0	1.4	1.9	2.6	0.1	2.6	28 375	5.8	4.9	2.8	4.5	9.1	2.5
Keego Harbor city	1 324	11.6	15.4	6.9	5.7	4.8	6.3	5.9	4.8	4.9	—	6.0	1 250	8.7	4.2	4.2	5.8	11.8	2.6
Kentwood city	12 110	4.1	3.9	3.4	2.6	1.6	1.9	1.2	1.3	2.4	0.1	1.4	11 453	4.3	3.0	2.0	3.4	7.8	1.4
Kingsford city	2 090	3.5	9.3	3.3	1.4	2.4	1.1	2.9	2.9	2.7	—	2.2	1 987	7.7	1.4	1.3	4.5	6.1	3.1
K. I. Sawyer AFB (CDP)	1 886	0.5	0.8	2.1	1.4	1.2	0.5	0.3	0.3	0.3	—	0.5	1 867	1.2	0.3	0.3	—	5.8	1.2
Lake Fenton (CDP)	1 123	5.5	9.5	6.1	3.8	4.5	3.8	3.8	3.8	4.7	—	3.8	1 026	0.8	3.0	0.8	0.6	3.8	0.8
Lake Orion village	1 156	5.0	6.8	3.9	2.6	2.0	2.1	0.3	1.0	0.9	—	3.0	1 090	1.9	1.9	1.1	0.4	7.3	—
Lake Orion Heights (CDP)	1 361	5.0	4.7	3.1	2.7	2.0	2.7	2.5	1.8	2.1	—	2.2	1 297	—	—	—	2.1	5.7	1.2
Lakeview (CDP)	4 919	2.5	3.7	1.6	1.4	1.0	1.2	0.8	1.2	0.9	—	1.0	4 781	0.8	0.8	1.0	1.2	4.6	0.4
Lambertville (CDP)	1 895	4.5	5.2	3.2	2.6	2.3	2.9	2.8	3.0	3.2	—	2.6	1 856	3.5	3.9	3.7	3.8	8.5	2.9
L'Anse village	967	6.5	3.5	6.3	5.3	3.6	4.9	2.8	3.5	2.8	0.4	2.8	881	8.4	2.3	0.9	3.4	10.6	2.5
Lansing city	51 938	6.0	4.5	4.1	3.2	2.0	2.4	0.8	1.1	2.2	0.2	1.9	49 516	4.5	2.8	1.6	3.4	7.1	2.0
Lapeer city	2 580	5.7	5.2	3.3	3.7	2.9	4.0	1.8	3.3	1.6	—	3.1	2 331	3.0	3.4	1.9	2.0	8.0	2.2
Lothrop Village city	1 494	3.3	5.2	4.0	4.0	2.9	3.6	2.9	4.2	4.8	—	2.5	1 494	3.3	2.9	2.5	4.7	7.7	2.5
Lourium village	1 144	5.9	5.9	2.6	6.6	4.2	6.0	1.2	1.2	1.2	—	5.4	1 004	9.3	4.7	2.4	5.4	6.4	1.4
Level Park—Oak Park (CDP)	1 164	5.1	3.4	1.0	1.0	2.1	1.9	2.2	1.0	0.6	—	1.5	1 140	1.1	0.4	0.4	5.4	5.9	0.4
Lincoln Park city	16 854	5.2	5.1	4.0	3.1	2.3	2.4	1.8	1.7	2.5	0.1	2.8	16 583	3.3	2.5	2.2	4.7	8.1	2.1
Lowell city	33 009	2.0	2.6	1.3	1.7	1.2	1.1	0.8	0.6	1.8	0.1	1.2	32 545	1.7	1.1	1.2	2.3	5.2	1.2
Ludington city	1 297	3.0	5.2	7.1	2.1	2.1	2.1	2.0	1.5	4.4	—	1.5	1 260	6.8	1.4	1.4	4.6	8.5	1.4
Ludington city	3 806	6.4	6.5	3.2	3.0	2.5	4.2	1.3	1.3	2.0	—	2.7	3 576	4.0	1.7	0.6	2.9	6.4	0.8
Madison Heights city	13 018	4.7	4.4	3.6	2.6	1.8	1.7	1.5	1.4	2.3	0.1	2.1	12 719	5.7	2.9	2.4	3.6	8.8	2.5
Manistee city	3 231	8.9	6.8	5.1	4.2	2.8	3.7	2.4	2.5	3.6	—	3.4	3 036	4.3	2.7	2.6	8.4	8.4	1.2
Manistique city	1 626	1.0	0.7	2.6	1.7	0.5	1.2	0.2	0.2	0.2	—	0.2	1 471	7.8	1.0	0.3	1.8	4.5	0.3
Marquette city	1 667	4.5	6.5	3.8	2.0	1.0	3.1	1.4	1.4	2.2	—	1.7	1 575	2.9	1.0	—	4.6	6.7	0.3
Marquette city	8 235	7.8	6.8	9.0	7.5	6.3	5.8	4.7	4.7	5.3	1.6	4.8	7 555	6.7	2.8	1.9	2.7	9.8	1.9
Marshall city	2 870	4.8	3.8	4.9	2.9	1.6	2.2	1.1	1.1	1.7	0.5	1.8	2 707	3.6	2.3	2.5	4.8	9.2	1.3
Marysville city	2 641	1.6	3.0	4.3	0.4	0.3	1.0	—	—	1.5	—	0.7	2 580	1.6	1.2	1.2	2.1	5.5	1.7
Mason city	2 153	5.4	5.6	3.4	2.8	2.8	2.6	0.8	0.9	1.4	—	2.1	2 073	2.6	1.6	0.7	0.7	4.8	1.4
Melvindale city	4 756	7.7	6.7	4.1	4.2	2.8	2.9	1.9	1.8	3.1	—	3.5	4 625	4.3	2.2	2.1	5.0	8.5	2.4
Menominee city	4 230	2.9	2.7	2.7	2.9	2.4	2.6	2.3	2.5	2.5	—	2.3	3 945	5.8	1.0	0.5	3.5	8.1	0.9
Michigan Center (CDP)	1 931	7.8	7.1	2.0	4.1	4.4	3.5	2.0	2.0	3.3	—	3.2	1 868	6.0	2.5	2.8	4.3	10.8	2.1
Midland city	13 772	3.9	4.4	4.5	2.9	2.0	2.1	1.0	1.0	2.7	0.2	2.0	13 068	4.4	2.7	1.8	3.4	7.4	1.8
Milan city	1 554	6.3	8.0	1.2	3.5	3.3	3.8	1.5	1.2	1.2	0.6	2.8	1 497	2.9	1.9	1.9	3.8	7.1	1.8
Milford																			

Table B-2. Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More, and Counties: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Year-round housing units											Occupied housing units							
	Total (number)	Percent allocations										Total (number)	Percent allocations						
		Year struc- ture built	Heat- ing equip- ment	Units in struc- ture	Bed- rooms	Kit- chen facil- ities	Bath- rooms	Source of water	Sewage dis- posal	Stor- ies in struc- ture	Pos- senger ele- vator		Air con- dition- ing	House heat- ing fuel	Water heat- ing fuel	Cook- ing fuel	Year house- holder moved into unit	Ve- hicles avail- able	Tele- phone in hous- ing unit
PLACES OF 2,500 OR MORE—Con.																			
Oak Park city	11 296	2.3	3.0	2.4	2.9	1.4	1.2	0.8	1.0	1.4	0.4	1.4	11 140	1.8	1.9	1.3	1.8	5.7	1.7
Okemos (CDP)	3 394	5.4	3.6	4.5	2.9	2.2	2.0	3.0	2.1	2.8	—	1.6	3 263	7.5	4.3	1.9	3.1	6.5	1.5
Oshtemo city	1 489	5.5	3.1	5.1	2.9	1.7	4.4	1.2	2.8	2.3	—	2.1	1 401	1.1	2.9	0.8	2.9	3.0	0.8
Owosso city	6 382	4.2	3.4	3.5	1.9	1.6	2.2	1.1	1.5	2.9	—	1.3	6 078	3.6	2.5	1.4	2.4	7.2	1.1
Oxford village	1 099	4.0	2.6	4.5	2.5	1.2	3.0	0.5	1.5	0.9	—	1.7	1 040	3.3	2.9	1.3	2.2	9.1	2.2
Patterson Gardens (CDP)	1 160	5.6	3.5	8.5	2.8	1.8	2.8	0.7	1.1	4.3	—	4.3	1 130	2.6	3.6	2.7	4.0	15.5	3.3
Paw Paw village	1 341	4.5	6.4	6.1	5.1	5.4	6.0	2.0	2.2	1.7	—	5.4	1 268	6.2	4.1	4.1	5.8	11.8	2.8
Paw Paw Lake (CDP)	1 680	7.9	6.3	9.5	5.3	4.8	4.5	8.0	3.6	1.3	—	4.7	1 514	2.5	0.9	0.5	3.6	10.4	0.9
Pearl Beach (CDP)	1 370	6.1	9.1	10.5	8.4	3.0	4.2	0.9	0.9	3.6	—	2.3	1 240	3.9	1.9	3.8	4.4	6.4	1.5
Petoskey city	2 582	4.6	3.7	7.2	4.5	3.4	3.8	2.9	2.9	2.9	—	3.2	2 355	7.7	2.0	1.8	3.5	9.6	1.4
Plainwell city	1 411	5.0	4.1	3.7	2.1	1.7	1.9	1.1	1.6	0.3	—	2.1	1 347	0.9	0.3	0.8	2.2	9.4	1.8
Pleasant Ridge city	1 191	0.5	5.4	2.3	2.2	1.9	2.6	—	—	4.8	—	0.5	1 164	0.5	2.0	1.9	2.1	3.6	0.3
Plymouth city	4 099	3.7	4.2	6.2	3.1	2.0	2.9	2.1	1.9	2.8	—	2.0	3 912	4.5	2.2	1.3	2.9	5.8	0.4
Pontiac city	27 740	7.3	6.3	6.6	6.8	5.0	4.8	2.3	2.8	4.2	0.4	3.8	25 702	5.9	3.9	2.6	4.2	8.0	2.8
Portage city	13 629	2.5	2.7	3.0	1.2	0.9	1.0	1.1	1.6	1.6	—	0.6	13 152	2.7	1.5	0.8	2.4	6.0	0.7
Port Huron city	13 374	7.3	6.1	3.5	4.0	2.6	3.6	0.9	1.0	2.0	0.2	2.5	12 782	2.9	2.3	1.4	3.8	6.2	1.4
Portland city	1 402	5.4	5.8	5.1	4.4	2.9	3.0	2.4	2.4	3.9	—	3.1	1 358	3.3	1.6	1.5	3.5	9.6	2.0
Richmond city	1 279	5.3	4.7	4.4	2.9	1.6	2.3	2.7	1.6	2.3	—	1.3	1 225	4.1	2.6	1.0	4.1	8.6	1.0
River Rouge city	5 045	6.8	5.5	8.4	5.9	4.6	4.7	4.4	3.9	4.8	—	4.2	4 673	3.5	2.4	2.4	5.3	7.4	2.8
Riverview city	4 733	3.5	3.0	1.5	2.0	1.5	1.9	0.7	0.5	2.0	0.3	2.0	4 618	2.9	1.9	1.1	2.3	5.4	0.8
Rochester city	3 436	5.6	3.6	3.8	2.2	1.3	2.4	2.9	2.7	2.0	—	1.6	3 226	10.9	4.0	1.5	4.2	7.0	1.2
Rockford city	1 219	4.4	5.7	3.3	0.5	1.6	1.6	1.2	0.5	2.2	—	1.5	1 188	2.7	1.5	1.5	2.9	5.6	1.5
Rockwood city	1 076	6.2	5.9	1.0	1.7	2.5	2.0	1.8	1.3	2.2	—	2.1	1 060	1.6	0.3	1.4	4.4	10.2	0.6
Rogers City city	1 518	3.4	3.6	4.5	4.3	1.8	2.8	0.9	0.9	1.5	—	2.2	1 464	2.8	1.4	0.3	5.6	6.3	1.4
Romeo village	1 377	2.3	3.7	2.3	1.7	2.7	0.7	0.7	0.7	1.1	—	0.6	1 206	2.1	2.0	1.6	2.4	5.7	0.5
Romulus city	8 160	7.9	6.3	4.7	5.5	3.8	3.7	3.0	3.3	3.5	—	4.5	7 836	5.4	3.3	2.9	5.9	10.5	2.9
Roosevelt Park city	1 695	7.3	8.4	5.5	6.3	1.9	5.4	1.7	2.2	6.5	—	5.4	1 597	2.9	3.4	1.3	2.7	8.3	2.1
Roseville city	18 480	4.7	4.6	3.3	3.0	2.7	2.5	1.8	2.1	2.3	—	2.3	18 183	3.6	2.5	2.1	5.0	8.2	2.5
Royal Oak city	28 785	4.0	4.1	3.1	2.7	1.7	2.3	1.4	1.3	1.9	—	0.3	28 177	4.7	2.9	1.8	2.7	5.8	1.5
Saginaw city	28 732	5.8	5.0	4.0	4.8	2.8	2.7	1.2	1.4	2.4	0.2	2.3	27 369	6.1	3.0	2.0	5.3	6.1	1.6
St. Clair city	1 826	4.5	6.0	2.8	2.4	2.6	2.5	2.3	1.5	2.4	—	1.8	1 764	3.1	2.1	1.8	4.9	6.2	2.4
St. Clair Shores city	27 147	2.7	2.9	2.0	2.0	1.4	1.3	0.8	1.1	1.6	0.1	1.3	26 799	2.0	1.6	1.5	3.0	6.5	1.4
St. Ignace city	1 104	2.6	2.6	8.8	4.1	0.8	3.6	0.8	2.8	0.6	—	0.3	958	2.7	0.6	0.8	2.0	13.0	—
St. Johns city	2 637	2.0	2.7	4.1	1.0	0.3	1.3	0.7	0.5	0.6	—	1.1	2 558	4.7	1.2	0.2	2.9	4.0	0.2
St. Joseph city	4 558	4.1	4.7	3.7	2.4	2.3	2.6	1.0	1.0	1.1	0.2	1.6	4 296	2.6	1.7	1.7	5.2	7.0	2.1
St. Louis city	1 515	5.1	7.6	7.9	3.1	3.4	4.2	3.5	4.7	6.0	—	3.1	1 465	5.0	2.8	1.9	3.5	5.3	2.4
Saline city	2 314	6.4	2.2	1.6	1.0	0.6	1.7	0.2	—	0.6	—	0.4	2 189	1.1	0.8	0.3	2.7	5.4	0.9
Sault Ste. Marie city	5 692	3.9	5.0	5.3	4.3	4.0	3.8	2.9	3.2	3.4	0.5	3.1	5 166	5.0	2.3	1.5	4.4	6.8	1.8
Southfield city	31 289	3.0	4.0	3.6	2.7	1.7	2.0	1.3	1.5	1.9	0.9	1.3	29 670	3.2	2.3	1.0	2.2	4.8	1.1
Southgate city	11 321	4.2	4.0	3.1	2.5	2.1	1.9	1.8	1.6	3.1	0.4	2.1	11 032	2.8	1.8	1.5	2.5	7.0	1.5
South Haven city	2 495	6.5	4.6	3.0	1.2	0.9	2.7	—	1.0	0.2	—	0.8	2 272	2.9	1.7	0.8	2.2	5.5	0.7
South Lyon city	2 123	9.7	5.7	5.7	5.1	4.5	4.7	2.8	2.8	1.8	—	7.5	1 999	3.3	2.4	1.5	4.1	10.6	1.8
South Monroe (CDP)	1 607	4.0	7.3	2.2	3.4	2.2	1.8	0.4	0.4	2.1	—	2.2	1 569	5.0	1.5	2.2	5.0	7.2	1.5
Sparto village	1 252	2.4	6.8	4.1	0.8	1.0	1.2	0.6	1.5	1.8	—	1.4	1 226	2.4	1.0	1.0	2.4	6.8	—
Springfield city	2 410	8.1	5.9	5.9	4.9	4.4	5.0	3.0	4.3	1.3	—	4.6	2 317	8.9	8.4	6.6	9.5	16.0	6.7
Springfield Place (CDP)	1 725	3.4	5.6	0.9	1.1	1.5	1.7	1.2	0.9	0.7	—	1.1	1 684	0.8	1.5	0.8	2.9	8.9	0.8
Spring Lake village	1 075	7.1	5.4	1.4	2.3	1.4	2.5	1.3	0.8	3.1	—	1.3	1 023	0.5	1.7	1.1	3.8	3.5	1.1
Sterling Heights city	34 506	3.0	2.9	3.0	2.1	1.9	1.8	1.4	1.5	3.1	—	2.1	33 911	2.3	2.1	1.5	2.5	6.1	2.1
Sturgis city	3 934	7.0	5.2	4.1	2.4	1.0	2.6	1.1	2.0	2.0	—	1.5	3 668	4.1	1.9	0.2	2.0	6.0	0.7
Swartz Creek city	1 747	4.5	3.2	3.5	0.9	0.9	1.2	0.4	0.9	1.8	—	1.2	1 671	4.7	1.4	1.2	1.9	4.5	0.9
Taylor city	25 355	4.4	2.8	2.5	2.0	1.7	1.2	1.0	1.0	2.0	0.1	1.4	24 534	2.8	1.2	0.8	2.6	5.4	1.0
Tecumseh city	2 723	2.7	4.4	3.9	2.1	2.5	1.3	0.6	0.7	1.2	—	1.3	2 650	3.9	4.6	2.8	3.9	9.5	1.0
Three Rivers city	2 868	8.0	8.8	5.6	4.3	3.4	4.0	0.9	1.9	3.6	—	4.3	2 659	4.1	3.1	0.6	3.6	5.0	1.8
Troverse City city	6 068	4.8	4.4	6.7	3.8	3.5	4.9	3.0	2.9	3.0	0.3	3.0	5 747	4.1	2.5	2.2	3.5	8.4	2.2
Trenton city	7 945	4.9	3.9	2.2	2.2	1.7	1.9	0.6	0.7	2.6	0.2	1.9	7 691	2.0	1.6	1.0	2.2	6.3	1.1
Troy city	23 750	3.2	3.8	3.3	2.4	1.6	1.9	1.5	1.5	2.6	0.1	1.8	22 945	3.0	1.9	1.1	2.5	5.6	1.0
Utica city	1 952	8.5	4.9	3.7	3.8	3.4	3.1	3.0	3.1	2.2	—	3.3	1 897	3.3	2.3	1.3	2.1	6.3	1.2
Vandercook Lake (CDP)	1 762	6.1	6.2	3.1	1.6	2.2	2.8	1.2	1.2	1.7	—	1.9	1 698	1.6	1.5	1.9	2.7	3.9	0.9
Vossor city	1 039	4.7	4.9	5.2	3.1	2.4	2.4	1.8	1.8	3.8	—	3.0	1 003	5.0	2.6	1.9	5.2	6.8	3.1
Wokefield city	1 024	1.7	4.6	2.6	1.7	1.0	1.0	0.5	0.5	2.6	—	1.0	924	13.4	1.2	1.2	11.0	6.0	1.2
Walker city	5 629	6.7	6.4	4.5	4.5	3.9	4.0	3.6	3.5	3.2	—	3.5	5 419	5.3	2.0	1.1	4.1	8.6	1.2
Walled Lake city	1 906	5.2	6																

Table B-2. Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More, and Counties: 1980—Con.

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

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Year-round housing units											Occupied housing units							
	Total (number)	Percent allocations										Total (number)	Percent allocations						
		Year struc- ture built	Heat- ing equip- ment	Units in struc- ture	Bed- rooms	Kit- chen facil- ities	Bath- rooms	Source of water	Sewage dis- posal	Stor- ies in struc- ture	Pas- senger ele- vator		Air con- dition- ing	House heat- ing fuel	Water heat- ing fuel	Cook- ing fuel	Year house- holder moved into unit	Ve- hicles avail- able	Tele- phone in hous- ing unit
COUNTIES—Con.																			
Baraga	3 451	6.4	4.3	9.3	5.2	3.2	5.0	4.3	5.0	2.5	0.1	1.9	2 929	15.3	2.8	1.3	7.6	9.3	1.4
Barry	17 743	7.1	7.7	6.4	4.2	2.7	3.0	2.4	2.7	2.4	—	2.3	15 433	9.9	2.2	1.6	4.3	7.3	1.4
Bay	43 116	4.8	6.3	5.2	3.6	2.8	3.5	1.8	2.1	2.1	0.1	2.9	41 348	5.1	2.6	2.0	6.8	7.5	1.7
Benzie	4 896	11.6	10.1	11.8	9.3	9.7	8.8	7.8	8.1	7.1	—	8.2	4 008	15.9	2.0	1.4	5.0	11.6	1.4
Berrien	65 635	5.6	7.0	6.7	4.7	3.3	3.6	3.5	3.6	2.9	—	3.3	60 276	4.6	2.4	1.8	4.4	7.7	1.9
Branch	15 947	5.9	6.9	5.3	4.1	2.8	3.8	1.8	2.0	2.2	0.2	3.0	14 014	8.4	3.7	2.9	5.4	11.0	2.0
Calhoun	53 967	5.2	5.4	4.7	3.3	2.5	3.1	1.7	1.9	2.4	0.2	2.5	51 123	5.5	3.4	2.9	5.3	9.8	2.8
Cass	18 657	6.2	7.7	6.3	4.2	3.5	3.8	2.9	3.1	3.1	0.1	3.6	17 236	6.7	1.8	1.7	4.4	8.4	1.9
Charlevoix	8 835	11.3	13.9	10.0	10.3	10.4	9.7	7.1	7.3	6.6	0.6	9.3	7 056	11.0	1.8	1.4	4.0	18.0	1.7
Cheboygan	9 736	12.3	10.9	12.9	10.1	9.7	10.3	9.4	9.6	8.2	—	9.3	7 277	8.3	1.2	0.9	3.4	10.0	1.2
Chippewa	12 517	14.3	14.2	16.1	13.3	13.4	13.3	12.4	12.5	11.9	0.2	12.3	9 931	12.7	2.9	1.8	5.7	10.4	2.0
Clare	11 475	11.9	13.8	9.1	11.0	8.8	9.1	4.4	4.8	4.7	—	7.8	8 686	12.2	4.2	3.3	6.2	11.6	3.1
Clinton	18 427	4.5	5.6	4.7	2.9	2.4	2.5	3.1	2.9	2.4	—	2.3	17 755	7.9	2.1	1.5	5.4	8.7	1.7
Crawford	5 835	36.7	35.5	13.8	31.4	32.2	30.4	9.2	10.1	5.9	—	29.7	3 315	13.2	6.9	6.6	10.6	24.3	8.7
Delta	14 910	5.6	5.3	7.5	4.6	4.2	4.5	4.4	4.5	3.2	0.3	3.4	13 568	14.6	3.0	2.3	5.5	10.2	2.3
Dickinson	10 307	6.5	6.9	6.1	5.7	5.8	4.9	4.0	4.2	4.5	—	4.7	9 536	11.1	1.7	0.5	5.9	8.5	1.6
Eaton	31 429	5.9	6.0	5.2	3.5	2.6	3.1	1.8	1.8	2.2	0.2	2.9	30 137	7.5	3.0	2.0	3.7	9.4	2.2
Emmet	10 354	8.5	6.8	9.3	5.7	4.8	4.8	5.0	5.3	3.1	—	3.4	8 107	14.8	3.0	2.2	5.7	11.9	1.8
Genesee	162 593	7.5	6.1	5.3	4.4	3.4	3.8	2.7	2.5	3.4	—	3.2	154 641	4.9	2.9	2.2	4.3	8.6	2.2
Gladwin	11 975	19.2	20.7	6.3	16.8	14.0	14.4	1.8	2.3	3.1	0.2	12.7	7 159	10.6	3.2	2.2	5.8	8.8	1.8
Gogebic	8 960	2.3	3.0	5.0	3.4	2.4	2.9	2.2	2.9	2.4	0.1	1.8	7 578	15.7	2.3	1.8	6.7	7.7	1.8
Grand Traverse	21 846	6.9	6.6	8.3	5.1	5.4	4.8	5.4	4.9	3.6	0.1	4.5	19 167	8.3	1.9	1.4	3.0	10.2	1.3
Graziot	14 214	5.7	7.0	5.5	3.8	3.6	3.7	2.4	2.7	3.2	0.1	3.1	13 319	7.3	2.3	1.8	5.3	7.1	1.7
Hillsdale	16 324	9.1	11.8	6.3	7.8	7.6	7.7	2.6	2.9	3.2	—	7.1	14 383	9.2	3.8	3.0	5.1	10.6	2.9
Houghton	14 501	4.6	4.0	5.8	5.8	4.1	5.4	3.4	4.4	2.9	0.1	3.2	12 975	11.8	3.9	2.0	6.5	9.2	2.0
Huron	15 060	4.8	7.0	6.6	4.2	3.5	3.4	2.5	2.9	2.4	—	3.0	12 764	7.7	2.6	2.1	9.4	8.2	1.7
Ingham	99 453	5.5	4.5	4.2	3.1	2.0	2.3	1.2	1.3	2.1	0.1	1.8	95 179	5.7	3.1	1.8	3.3	7.3	1.8
Ionia	17 175	6.7	7.9	6.2	5.2	4.7	5.1	2.7	3.0	3.2	—	4.4	16 230	10.4	3.4	2.8	5.4	10.5	2.6
Iasco	16 296	11.1	7.0	9.3	7.7	6.8	6.3	8.0	7.6	4.8	0.2	5.9	10 162	6.7	2.4	1.8	5.4	8.7	1.6
Iron	6 188	8.6	10.2	7.6	10.2	9.2	9.0	4.3	4.8	4.5	—	8.3	5 430	15.1	2.8	2.2	8.8	9.4	2.2
Isabella	17 376	7.8	7.8	6.6	5.3	4.5	5.1	3.5	3.8	2.7	0.3	4.0	16 044	8.8	3.1	1.7	4.5	6.8	1.2
Jackson	53 629	6.2	6.4	4.5	3.9	2.9	3.4	2.1	2.0	2.4	0.2	2.9	50 974	5.7	2.6	1.9	4.1	8.0	1.6
Kalamazoo	79 333	5.4	5.3	4.4	3.4	2.4	3.0	2.0	2.5	2.4	0.1	2.3	75 405	5.6	3.5	2.3	3.9	8.6	2.1
Kalkaska	4 649	8.4	8.4	7.8	6.5	6.5	6.3	5.2	5.5	3.8	—	7.0	3 795	12.9	2.5	1.8	4.8	11.1	1.4
Kent	163 461	4.7	4.8	4.2	3.2	2.4	2.8	1.9	1.8	2.9	0.1	2.2	155 598	4.1	2.1	1.4	3.5	6.9	1.4
Keweenaw	1 168	4.3	7.6	6.6	4.1	7.5	4.5	2.3	3.5	2.2	—	2.7	833	11.2	2.6	1.6	7.8	6.0	1.8
Lake	7 721	60.0	59.0	8.0	52.0	44.8	45.1	2.9	5.0	2.9	—	44.9	3 050	14.2	2.9	1.7	5.3	7.2	1.6
Lapeer	22 314	4.9	7.0	5.4	3.3	2.8	3.3	2.8	2.8	3.2	—	2.9	21 202	6.9	2.5	2.1	4.2	8.3	1.8
Leelanau	7 221	13.2	12.4	10.6	11.8	7.6	10.3	7.8	7.9	3.9	—	6.3	5 023	16.7	2.3	1.9	5.0	9.7	1.4
Lenawee	33 533	8.6	9.6	5.3	5.4	5.1	5.0	3.3	2.5	3.0	—	4.8	30 044	5.1	2.7	2.0	4.9	8.3	1.6
Livingston	33 261	6.9	8.7	4.6	6.0	5.5	5.6	3.4	3.6	3.1	—	5.5	31 344	6.1	2.8	2.5	3.9	8.8	2.2
Luce	2 438	6.2	2.1	6.0	1.5	1.7	3.3	2.3	1.9	1.0	—	0.8	2 192	17.1	2.2	1.0	3.8	7.2	0.6
Mackinac	4 382	7.8	8.2	12.7	7.7	6.6	6.8	7.3	7.9	5.4	—	5.4	3 680	11.9	2.4	1.4	5.5	10.9	2.0
Macomb	236 435	4.1	4.0	3.5	2.8	2.2	2.2	1.7	1.9	2.6	0.1	2.2	229 820	2.8	1.9	1.5	3.3	6.9	2.0
Manistee	9 901	10.4	10.0	6.8	6.2	4.5	4.8	3.6	3.7	4.4	—	4.0	8 490	11.1	3.4	2.8	7.8	8.9	1.8
Marquette	26 900	6.4	5.5	7.6	5.5	4.7	4.8	4.5	4.6	4.4	0.5	3.7	24 514	9.1	2.3	1.2	3.4	8.0	1.2
Mason	12 026	14.6	14.3	7.9	11.7	8.8	11.0	3.3	3.6	2.8	—	8.1	9 693	8.4	2.4	1.6	5.0	7.7	1.2
Meosta	14 642	3.9	5.8	7.7	3.1	3.1	3.1	2.6	2.8	2.8	—	1.9	11 134	11.3	2.5	1.9	4.5	6.6	1.6
Menominee	10 310	7.2	7.5	6.9	6.7	6.4	6.4	5.1	5.2	4.5	—	6.0	9 283	18.1	2.2	1.5	5.4	8.4	1.2
Midland	26 075	4.6	5.3	5.3	3.0	2.4	2.5	1.6	1.7	2.6	0.1	2.1	24 498	6.8	2.5	1.7	4.4	7.5	1.5
Missaukee	4 083	2.7	4.8	4.2	3.2	2.5	2.9	1.2	2.2	1.2	—	1.8	3 427	18.1	2.0	1.4	5.5	8.4	1.4
Manroe	45 124	5.8	7.0	4.3	4.5	3.8	4.0	3.3	3.3	2.9	0.1	3.7	43 110	4.5	2.6	2.4	5.1	9.0	2.2
Mantcalm	18 564	6.1	7.7	5.7	4.1	3.4	3.7	1.9	2.2	2.5	—	3.1	16 543	10.8	3.3	2.6	6.1	9.8	1.8
Mantmorency	5 014	30.5	33.4	16.6	27.8	25.6	28.5	21.3	20.9	11.4	—	25.8	2 814	21.7	4.3	2.1	6.7	13.9	1.5
Muskegon	57 694	6.6	6.4	5.3	4.7	3.4	3.9	2.9	2.8	3.4	0.1	3.7	54 526	5.3	3.1	2.3	5.2	8.6	2.3
Newaygo	13 834	9.4	11.2	8.0	6.8	6.2	5.8	4.3	4.5	4.8	—	5.9	12 134	11.7	3.1	2.3	5.8	9.4	1.9
Oakland	371 516	3.9	4.4	3.9	3.0	2.2	2.4	2.2	2.2	2.6	0.2	2.2	355 187	3.3	2.1	1.4	2.7	6.4	1.5
Oceona	8 346	9.9	11.6	8.7	7.2	6.8	7.2	5.1	5.4	4.8	—	6.2	7 418	12.8	2.2	1.7	5.8	8.2	2.0
Ogemaw	12 793	2.8	2.8	5.1	2.1	3.2	2.2	1.9	2.0	1.4	—	1.2	5 940	12.8	2.2	1.4	5.6	14.1	1.3
Ontonagon	4 055	10.2	9.5	11.7	9.1	8.7	9.9	7.5	8.4	7.2	—	7.8	3 524	34.8	4.4	3.2	8.9	12.2	1.8
Osceola	8 328	12.2	14.0	7.5	7														

Table B-2a. Computer Allocation Rates for Nonresponse or Inconsistency for Towns/Townships of 2,500 or More: 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]

Towns/Townships of 2,500 or More

	Year-round housing units										Occupied housing units								
	Total (number)	Percent allocations									Total (number)	Percent allocations							
		Year structure built	Heating equipment	Units in structure	Bed-rooms	Kitchen facilities	Bath-rooms	Source of water	Sewage disposal	Stories in structure		Pos-senger elevator	Air conditioning	House heating fuel	Water heating fuel	Cooking fuel	Year householder moved into unit	Ve-hicles avail-able	Tele- phone in hous- ing unit
Acme township	1 242	1.4	3.1	8.9	2.2	6.9	0.9	9.9	4.4	1.5	-	0.9	966	4.7	1.4	0.6	3.1	11.2	0.7
Ada township	2 033	5.1	7.2	7.7	5.1	5.0	5.4	7.2	6.3	4.6	-	4.3	1 950	7.0	1.8	1.1	1.5	6.6	1.7
Addison township	1 500	3.3	6.4	9.3	4.7	1.1	2.6	3.7	3.9	2.2	-	3.0	1 420	6.3	2.0	1.5	1.7	7.0	0.5
Adrian township	1 474	4.4	4.5	2.9	2.5	2.0	3.1	2.0	1.9	2.1	-	2.4	1 435	3.1	2.2	2.5	4.8	10.7	2.6
Alaiedan township	935	3.9	4.3	3.7	1.8	1.8	0.9	1.7	0.9	3.0	-	2.4	908	7.5	2.4	2.0	5.4	9.1	4.0
Alamo township	956	4.0	6.2	5.1	1.9	1.9	1.8	0.5	1.7	1.4	-	1.4	915	3.8	2.0	2.0	3.6	6.4	-
Albee township	789	10.5	9.1	8.7	1.5	3.2	5.2	2.3	2.9	2.0	-	1.4	752	9.8	2.7	0.9	9.4	4.5	1.7
Algoma township	1 409	3.3	7.0	7.7	2.5	0.9	1.7	2.3	2.3	2.2	-	1.3	1 353	8.3	2.4	2.7	3.7	7.8	2.2
Allegan township	1 254	7.7	6.3	10.7	4.2	4.9	3.4	2.3	2.3	2.8	-	3.6	1 195	6.2	2.5	1.8	4.6	9.3	2.3
Allendale township	1 720	2.4	4.0	11.1	1.3	2.0	1.6	3.9	4.4	1.2	-	1.2	1 661	9.7	2.1	1.4	3.4	7.0	1.1
Almena township	1 015	4.4	7.1	4.3	2.4	3.5	2.8	2.4	3.0	2.7	-	2.4	975	8.9	2.1	2.2	3.9	8.8	1.8
Almer township	935	4.6	10.5	4.6	4.4	1.3	1.8	1.8	1.3	2.4	-	1.3	887	4.3	0.6	-	4.5	4.3	-
Almont township	1 298	4.9	4.8	4.6	3.3	1.9	2.5	4.2	3.5	3.6	-	2.0	1 242	7.4	3.8	3.5	4.7	10.3	1.9
Alpena township	3 763	3.6	2.5	4.2	2.2	1.6	2.5	4.2	4.8	1.1	-	0.9	3 362	13.6	2.4	2.7	3.5	5.2	0.9
Alpine township	3 111	1.9	3.4	5.3	1.6	0.8	1.4	2.0	1.9	2.3	-	0.6	2 947	2.4	0.3	0.1	3.8	6.0	0.7
Ann Arbor township	1 015	6.2	3.6	5.3	3.4	3.5	3.7	3.4	3.1	4.1	-	3.9	985	3.4	1.5	1.5	3.2	5.7	2.5
Antwerp township	2 725	5.3	9.1	5.6	5.2	4.1	4.3	3.6	4.3	3.1	-	4.1	2 568	6.3	2.0	2.3	5.3	9.1	1.4
Arbela township	969	2.8	3.8	5.4	2.7	1.9	2.5	1.4	1.4	2.6	-	1.5	929	12.2	1.7	1.4	6.2	5.4	1.2
Argentine township	1 458	7.3	9.5	6.0	4.9	3.6	4.0	8.0	8.2	4.2	-	3.6	1 337	8.1	1.9	0.5	3.7	6.2	1.6
Armada township	1 207	3.9	6.7	2.0	2.2	1.7	2.5	1.2	1.3	2.0	-	3.3	1 153	6.9	1.4	1.0	3.6	8.8	0.8
Ash township	2 556	9.2	12.2	7.8	9.7	7.5	7.2	8.4	7.1	3.2	-	6.8	2 471	8.3	5.9	5.3	8.5	15.1	5.5
Atlas township	1 477	3.4	3.5	2.7	2.4	2.5	2.8	4.2	4.5	3.5	-	2.2	1 432	6.1	2.6	1.8	3.0	5.7	1.8
Attica township	1 087	1.5	4.9	5.3	2.2	1.3	1.2	2.9	4.4	2.4	-	0.7	1 047	9.1	2.7	2.1	3.4	7.0	0.8
Augusta township	1 452	7.6	9.6	3.8	6.9	7.2	8.0	3.4	4.5	6.7	-	7.7	1 412	6.8	4.2	4.2	6.7	17.8	5.5
Avon township	14 598	3.5	4.3	4.8	2.4	2.0	2.3	1.8	1.9	2.8	-	2.3	13 761	2.5	2.0	1.5	2.3	7.7	1.1
Bagley township	1 595	8.4	13.1	13.5	7.5	5.0	4.8	5.6	6.0	4.1	-	6.6	1 372	5.1	2.3	2.2	3.1	11.6	1.2
Bainbridge township	1 074	7.3	6.6	9.0	0.6	0.6	0.7	1.2	0.7	1.2	-	0.7	1 015	2.6	1.2	-	9.3	7.9	1.5
Bangor township, Bay County	6 063	6.1	7.4	6.7	3.7	2.9	3.4	2.2	3.4	3.2	-	3.2	5 903	3.6	2.5	1.5	4.8	8.1	1.4
Borago township	1 118	4.6	3.1	12.3	5.8	3.5	5.7	5.5	6.4	3.2	-	2.1	955	15.7	1.7	0.6	11.1	7.6	1.6
Boroda township	963	4.7	6.1	8.0	6.5	4.0	4.0	4.4	5.2	3.6	-	4.2	908	7.9	3.7	3.7	7.5	13.1	3.1
Barry township	1 196	3.8	4.7	5.2	3.2	0.6	1.3	2.1	2.1	1.6	-	0.6	1 068	8.9	1.7	1.7	3.8	6.6	2.4
Bath township	1 911	3.8	6.0	6.5	2.6	2.2	2.6	3.5	4.0	2.3	-	1.8	1 849	7.0	1.5	0.9	4.3	11.4	2.8
Battle Creek township	7 868	2.7	3.9	1.8	1.6	1.3	2.0	1.6	1.4	1.1	-	1.2	7 582	1.5	1.5	1.5	2.2	6.4	0.9
Bear Creek township	1 209	13.2	10.9	13.2	8.2	7.1	9.1	10.8	11.7	6.7	-	7.1	1 059	19.2	5.2	4.2	5.1	16.3	3.8
Beaver township, Bay County	876	3.0	6.1	4.7	3.1	2.1	3.1	1.4	1.6	3.2	-	1.0	840	10.0	1.5	1.3	8.7	8.3	1.5
Bedford township, Calhoun County	3 350	7.5	6.9	1.9	3.0	3.0	2.5	2.2	2.1	2.1	-	3.1	3 246	2.8	1.2	1.0	3.6	7.1	1.0
Bedford township, Monroe County	7 204	3.8	4.5	4.3	2.3	2.3	2.3	3.0	2.2	2.5	-	2.2	6 939	2.5	2.2	1.7	3.1	6.7	1.4
Bellevue township	965	3.8	4.8	5.1	3.0	0.9	2.1	2.3	3.3	3.2	-	0.9	914	6.7	0.8	0.3	2.0	6.7	0.8
Bennington township	848	2.8	6.6	4.7	3.1	2.8	3.3	2.5	2.4	2.9	-	2.6	809	12.4	3.2	1.2	2.7	7.7	1.9
Benton township, Berrien County	7 386	6.9	8.3	7.4	5.9	4.6	4.4	4.0	3.4	3.5	-	3.8	6 830	3.7	2.2	1.8	3.9	6.7	2.0
Berlin township, Ionia County	683	5.3	9.4	3.8	7.9	6.6	8.2	1.8	3.1	2.8	-	7.5	651	12.1	4.8	3.5	7.7	12.9	3.1
Berlin township, Monroe County	2 143	7.0	7.0	3.3	4.4	4.2	4.3	3.7	4.1	4.8	-	3.9	2 041	3.7	2.9	3.2	6.6	7.3	1.7
Berrien township	1 440	4.4	8.3	8.0	2.8	2.4	3.5	1.8	2.1	1.9	-	1.9	1 284	8.6	0.7	1.4	9.7	5.7	0.7
Birch Run township	1 755	3.1	4.6	3.0	2.3	1.0	2.0	2.7	2.6	2.2	-	1.2	1 709	7.9	2.1	1.8	6.1	5.1	1.1
Blackman township	5 540	4.3	5.3	4.8	3.7	1.9	1.7	3.2	2.3	1.9	-	0.3	5 325	5.1	1.7	1.0	3.9	8.3	1.9
Blair township	1 633	7.7	5.3	9.4	4.4	5.1	4.5	3.4	3.8	3.7	-	4.4	1 517	6.7	1.3	0.8	1.3	6.8	0.4
Blenden township	1 115	2.8	1.2	1.3	2.0	1.1	1.8	3.4	3.0	1.3	-	0.5	1 080	4.0	-	-	3.4	4.6	0.6
Blissfield township	1 398	3.2	4.2	2.7	1.1	0.8	1.3	1.1	0.7	2.2	-	3.1	1 355	3.2	1.6	1.6	2.9	6.3	1.0
Blountfield township, Oakland County	14 711	1.2	2.6	2.6	1.4	1.1	1.0	1.3	1.0	2.9	-	1.0	14 081	1.6	1.5	1.5	2.0	5.1	1.5
Boston township	1 248	6.5	5.2	4.2	3.1	2.9	3.5	2.2	2.4	2.2	-	1.6	1 233	9.7	3.7	3.8	4.0	11.3	4.2
Brady township, Kalamazoo County	1 314	3.4	4.6	2.1	1.9	1.4	0.5	0.5	0.5	1.0	-	0.5	1 283	6.2	3.4	1.9	2.5	7.7	1.9
Brandon township	2 985	3.4	7.0	5.7	2.7	2.4	2.6	3.6	2.8	2.2	-	3.1	2 896	4.6	1.5	1.8	3.1	6.1	1.8
Breitung township	1 735	8.8	5.1	7.7	6.1	6.2	6.1	4.9	4.9	5.9	-	6.5	1 587	19.2	2.1	0.8	7.2	9.0	0.8
Bridgeport township	4 507	4.5	3.9	3.2	3.2	2.0	2.5	1.4	2.4	2.6	-	2.1	4 358	3.8	2.1	1.4	3.8	6.0	2.0
Brighton township	3 585	5.5	7.5	4.4	5.1	4.7	4.9	4.9	5.2	2.6	-	4.9	3 349	3.3	1.5	1.5	3.5	7.3	2.4
Brownstown township	6 356	6.1	4.8	5.8	3.2	2.9	3.6	2.2	2.3	3.7	-	3.1	6 070	2.6	1.8	1.3	2.6	6.5	1.1
Bruce township, Macomb County	1 849	2.9	5.4	4.3	1.0	1.4	1.8	1.0	1.9	1.1	-	1.5	1 780	3.9	1.6	1.0	0.9	6.0	0.7
Buchanan township	1 265	5.4	11.5	7.0	4.9	4.6	4.6	6.9	5.6	6.1	-	4.5	1 204	7.5	2.0	1.6	3.6	8.6	2.2
Buena Vista township	4 470	6.8	4.9	8.4	3.9	2.2	2.5	2.6	1.9	3.8	-	2.7	4 280	3.4	2.5	1.5	8.0	6.1	0.9
Burns township	977	3.5	4.8	5.7	0.6	1.0	0.8	0.8	0.6	3.5	-	1.0	948	5.2	1.1	0.9	0.9	5.0	-
Burr Oak township	907	4.3	4.5	5.3	1.9	0.8	1.2	1.4	2.2	1.9	-	2.0	879	8.9	1.0	1.3	6.7	7.2	2.7
Burtchville township	1 277	10.4	6.6	6.0	1.8	1.3	1.6	2.0	2.1	2.3	-	1.1	1 097	3.3	1.4	0.8	2.3	6.6	1.1
Byran township	3 551	4.7	4.2	11.5	2.6	2.6	1.9	3.4	2.3	3.1	-	1.7	3 433	5.7	2.1	1.3	4.0	6.4	1.0
Caledonia township, Kent County	1 642	1.8	4.7	2.2	1.6	0.9	1.8	3.5	2.1	1.8	-	2.0	1 572	8.4	2.1	0.8	1.5	10.2	1.2
Caledonia township, Shiawassee County	1 618	5.9	6.8	4.7	5.3	3.2	4.0	3.0	4.3	4.1	-	3.1	1 556	7.5	2.6	1.7	3.9	8.7	1.9
Calumet township	3 572	4.4	5.5	3.6	5.4	5.1	5.2	2.2	3.6	2.5	-	4.5	3 115	9.0	2.9	1.8	4.8	7.8	1.3
Cambridge township	2 041	22.9	25.0	2.9	18.5	21.0	18.9	2.4	2.6	2.9	-	18.1	1 243	8.0	4.7	2.8	5.7	7.1	1.3
Cannon township	1 639	1.2	4.7	2.8	1.8	1.7	1.6	1.2	0.5	2.4	-	1.6	1 578	9.6	2.0	2.1	3.4	7.8	0.4
Canton township	16 685	3.5	3.7	3.9	3.0	2.5	2.3	2.0	1.9	4.1	-	2.6	15 938	1.7	1.6	1.5	2.9	6.5	2.3
Carrlattan township	2 501	5.2	4.0	4.6	2.8	2.2	2.1	0.9	1.6	2.0	-	1.3	2 450	3.6	2.8	2.4	5.1	7.2	1.9
Cascade township	3 305	3.2	4.3	3.4	2.9	1.8	2.7	3.0	2.6	2.8	-	2.5	3 194	3.0	1.0	0.8	2.6	5.0	1.2
Casca township, Allegan County	1 110	7.7	11.0	10.2	6.0	7.1	6.1	5.8											

Table B-2a. Computer Allocation Rates for Nonresponse or Inconsistency for Towns/Townships of 2,500 or More: 1980—Con.

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

Towns/Townships of 2,500 or More	Year-round housing units											Occupied housing units							
	Total (number)	Percent allocations										Total (number)	Percent allocations						Telephone in housing unit
		Year structure built	Heating equipment	Units in structure	Bed-rooms	Kitchen facilities	Bath-rooms	Source of water	Sewage disposal	Stories in structure	Pos-senger elevator		Air conditioning	House heating fuel	Water heating fuel	Cooking fuel	Year house-holder moved into unit	Ve-hicles ovcil-able	
Coloma township	1 996	5.5	4.1	8.4	2.5	2.0	2.7	5.6	2.1	3.7	—	1.9	1 847	3.7	0.3	—	2.3	8.2	1.0
Colon township	1 288	7.0	7.4	7.5	2.4	1.8	2.2	1.7	2.2	2.7	—	5.7	1 070	9.2	2.6	0.2	5.9	5.4	0.2
Columbia township, Jackson County	2 299	8.1	10.0	4.5	5.0	4.1	5.5	2.7	2.6	2.6	—	2.5	2 125	4.7	3.6	2.4	5.2	10.0	3.7
Columbus township, St. Clair County	964	3.6	7.2	6.5	3.7	4.0	3.8	2.9	3.5	3.3	—	3.3	901	8.7	3.7	3.0	4.3	11.9	3.9
Commerce township	7 779	3.9	4.4	3.9	2.3	2.0	2.0	3.7	3.7	3.0	—	2.5	7 556	2.8	1.9	1.5	2.5	6.8	1.5
Comstock township	3 787	5.4	7.7	4.0	3.7	3.6	3.3	4.0	3.6	4.0	—	3.3	3 674	6.8	2.6	2.4	5.1	10.3	2.3
Constance township	1 309	4.0	6.1	5.9	3.7	2.8	3.8	3.3	2.4	2.2	—	3.5	1 250	5.0	2.5	0.8	2.6	13.4	1.4
Cooper township	2 756	5.4	6.9	4.2	3.4	4.3	3.4	3.7	3.3	4.4	—	3.7	2 691	4.9	3.5	3.9	6.5	12.0	4.1
Cottrellville township	1 156	5.0	11.3	6.1	5.9	5.0	4.6	1.9	2.3	4.1	—	6.0	1 054	6.2	4.8	3.6	8.1	11.8	3.0
Courtland township	1 063	1.5	4.9	0.8	0.2	0.8	0.2	0.8	0.8	1.1	—	0.2	1 022	18.1	3.3	3.3	5.2	11.5	2.5
Covert township	1 117	12.1	12.1	14.5	8.6	9.2	10.0	8.6	9.7	7.3	—	7.8	958	3.7	5.6	5.1	8.8	4.8	2.6
Crocket township	1 207	3.6	10.4	7.2	5.1	4.2	3.2	4.1	3.7	3.8	—	2.8	1 149	10.9	1.8	2.8	5.9	11.1	2.4
Dalton township	2 053	7.1	7.6	4.0	6.1	5.4	5.9	3.4	3.8	3.0	—	5.1	1 912	9.0	4.2	3.7	6.0	13.8	3.0
Davison township	5 022	4.7	3.9	4.2	1.7	2.3	1.8	2.1	2.0	2.4	—	1.6	4 746	3.2	1.5	1.6	2.6	8.6	1.5
Decatur township	1 323	5.7	10.6	5.0	7.6	5.5	7.8	5.1	4.6	2.1	—	5.0	1 197	8.9	5.3	4.5	7.9	16.7	2.5
Deerfield township, Lapeer County	1 457	9.2	9.1	8.6	4.9	5.7	4.4	4.1	3.6	3.9	—	3.6	1 389	7.0	2.0	2.6	5.1	10.4	3.0
Deerfield township, Livingston County	835	8.6	12.7	7.3	10.5	10.4	10.1	5.9	5.9	7.3	—	10.5	789	10.9	6.1	6.2	6.6	16.1	5.2
Delhi township	6 213	4.4	4.0	5.5	2.1	2.1	1.7	1.9	1.8	2.4	—	1.8	6 053	4.7	2.8	2.3	3.2	10.3	2.5
Delta township	8 691	3.9	4.6	3.1	1.9	1.9	2.3	1.8	1.2	1.5	—	1.9	8 347	3.9	2.3	1.0	2.4	6.9	1.6
Denmark township	1 265	3.6	4.6	7.6	2.1	1.7	2.4	2.5	3.5	2.8	—	2.1	1 232	4.6	2.8	1.9	6.7	9.9	2.6
Denton township	1 797	13.9	16.2	14.8	11.3	12.2	11.1	15.9	10.1	10.7	—	11.4	1 436	8.6	2.4	1.1	3.5	18.4	1.5
De Witt township	3 595	6.6	5.0	6.0	4.8	3.6	3.7	6.0	5.4	3.8	—	3.6	3 440	4.1	2.1	2.0	4.2	10.7	2.5
Dexter township	1 311	3.1	7.6	2.4	3.4	3.3	2.5	3.0	1.1	0.7	—	2.5	1 256	4.9	0.5	0.9	2.6	3.6	—
Dorr township	1 414	2.1	4.5	2.1	0.7	1.5	1.6	0.4	2.0	0.4	—	0.4	1 380	1.4	1.4	0.4	0.9	7.2	0.8
Dryden township	949	2.8	9.3	4.0	0.9	1.5	1.8	1.7	1.4	2.2	—	1.5	908	8.3	3.3	2.3	4.8	4.8	0.6
Dundee township	1 877	5.0	9.1	4.8	6.5	3.4	3.7	1.7	4.1	1.3	—	3.7	1 794	5.1	1.8	2.6	1.7	8.9	0.6
East Bay township	2 417	9.8	11.0	13.5	8.3	7.8	7.4	10.6	11.4	7.1	—	7.2	2 143	10.8	2.3	2.0	4.4	14.5	0.8
East China township	1 106	2.7	5.1	4.3	2.9	2.1	1.7	1.9	2.4	3.8	—	1.9	1 061	1.9	0.2	0.2	1.5	9.1	0.8
Easton township	776	7.9	11.2	6.2	8.5	9.3	8.5	5.9	5.7	4.6	—	8.1	743	10.2	3.8	5.1	7.7	21.4	5.4
Eaton township	1 048	5.0	7.7	3.2	4.2	1.2	3.9	2.1	0.5	1.5	—	2.8	1 008	14.3	2.6	3.1	3.8	12.5	3.2
Eaton Rapids township	886	6.4	9.4	4.6	5.3	4.6	4.9	2.3	2.3	2.9	—	4.7	849	11.5	2.9	2.5	4.6	10.7	2.6
Egelston township	2 480	3.7	3.1	2.7	—	0.4	0.5	1.3	0.3	1.5	—	0.8	2 370	3.3	0.9	0.5	2.8	4.0	0.4
Ela township, Lapeer County	1 332	2.9	4.6	4.0	1.8	1.3	2.3	1.9	1.1	2.8	—	1.7	1 268	5.6	1.5	0.9	3.4	3.6	1.1
Elkland township	1 256	2.9	2.9	3.7	0.7	0.7	0.8	0.2	0.4	1.0	—	0.2	1 206	3.7	0.9	—	3.8	3.9	0.6
Elmwood township, Leelanau County	1 233	1.6	1.5	2.0	1.6	0.3	0.3	5.8	4.3	1.1	—	—	1 061	12.7	—	0.8	1.8	5.5	1.0
Emmett township, Calhoun County	4 276	5.6	6.5	5.0	2.8	1.7	3.2	2.8	2.9	1.7	—	2.0	4 111	4.4	3.5	3.2	6.7	9.3	2.2
Erie township	1 510	3.8	7.4	2.1	3.9	3.4	3.2	3.1	3.4	2.4	—	2.6	1 451	3.7	2.2	1.5	3.6	11.6	1.8
Esconaba township	1 054	3.2	3.3	7.9	3.7	3.3	3.0	5.4	5.4	2.3	—	2.3	934	26.4	3.9	2.7	3.3	7.0	2.8
Exeter township	1 021	10.3	16.1	6.2	11.6	11.5	12.4	9.2	8.2	2.9	—	11.3	958	9.9	5.1	5.4	13.2	14.0	5.5
Fabius township	1 190	4.7	9.3	6.1	4.1	4.4	4.1	3.7	2.6	2.3	—	4.1	1 112	7.7	0.5	—	2.6	6.1	—
Fayette township	1 211	5.2	4.6	9.8	5.4	2.9	4.6	2.7	2.7	3.6	—	2.4	1 109	7.0	2.7	1.7	4.1	8.5	1.5
Fenton township	4 013	4.4	5.9	4.4	3.0	2.9	2.5	2.5	2.4	3.1	—	2.2	3 813	3.1	1.8	1.0	2.6	6.1	2.2
Flint township	13 857	5.2	4.6	5.3	2.4	1.5	1.7	2.1	1.6	3.0	0.2	1.4	13 202	3.5	2.0	1.3	3.4	6.5	1.6
Flushing township	2 889	3.5	3.8	5.9	1.8	0.6	1.7	1.2	1.7	2.2	—	1.2	2 804	4.0	1.9	1.6	3.5	8.0	1.9
Forest township, Genesee County	1 304	3.8	5.7	3.0	1.9	3.4	3.5	1.6	2.7	2.8	—	2.1	1 259	7.5	2.4	3.5	5.3	12.1	2.1
Forsyth township	3 264	5.9	3.7	5.8	4.4	3.8	3.6	3.6	3.9	3.2	—	3.4	3 088	6.8	0.8	0.6	1.5	6.7	1.2
Fort Gratiot township	3 002	4.9	9.2	2.7	2.6	2.4	2.3	1.6	1.4	1.3	—	2.5	2 820	4.3	2.7	2.1	4.1	10.4	1.1
Frankenlust township	991	2.3	3.7	4.6	4.5	3.5	2.1	1.8	1.7	2.1	—	1.5	893	5.6	3.9	3.6	10.3	9.9	3.4
Fraser township	1 267	3.9	9.2	5.9	2.1	1.7	2.2	2.6	3.2	2.4	—	0.7	1 214	9.7	1.8	1.3	6.3	5.6	1.5
Fremont township, Tuscola County	962	1.6	6.4	5.2	1.2	0.5	2.5	1.0	1.2	2.2	—	0.5	915	12.1	1.4	1.3	5.1	8.0	1.7
Frenchtown township	6 313	6.6	7.0	3.9	3.7	3.0	3.8	2.3	2.5	2.8	—	3.2	5 965	4.9	2.7	2.3	4.7	8.1	2.6
Fruitland township	1 474	6.6	9.9	4.7	7.5	6.4	6.0	3.4	2.4	3.6	—	6.3	1 327	10.6	5.3	4.8	5.7	14.2	3.9
Fruitport township	3 418	5.5	7.2	3.0	4.1	3.7	3.7	2.6	3.3	—	—	5.0	3 317	7.1	4.3	3.8	6.0	9.9	1.7
Gaines township, Genesee County	1 544	9.6	11.1	10.0	9.1	8.8	9.3	9.5	9.5	8.5	—	8.8	1 486	10.9	7.6	7.2	9.7	20.5	7.7
Gaines township, Kent County	3 417	5.6	2.9	7.6	1.9	1.3	1.6	2.4	1.6	3.4	—	1.2	3 330	5.8	2.3	2.9	4.8	8.9	2.0
Garfield township, Grand Traverse County	3 442	5.3	2.7	4.2	3.1	2.2	2.2	4.7	2.4	1.7	—	2.7	3 181	5.4	0.8	0.4	0.6	7.5	0.5
Genesee township	8 727	10.1	10.3	6.7	6.7	6.2	5.7	4.2	3.3	4.3	—	5.9	8 305	5.0	3.3	3.3	5.8	11.0	2.8
Genoa township, Van Buren County	1 105	4.5	6.8	13.0	7.0	3.5	4.4	10.6	10.5	1.3	—	2.3	981	8.2	3.3	2.5	6.3	8.9	3.0
Genoa township	3 193	7.9	8.6	6.1	6.0	5.2	5.3	2.9	5.2	2.2	—	4.8	2 996	4.0	2.5	2.0	4.5	7.9	2.4
Georgetown township	7 615	2.2	3.4	2.2	2.0	1.2	1.6	2.1	1.4	2.4	—	1.6	7 448	2.6	1.8	1.9	3.2	7.5	1.7
Grand Blanc township	8 600	4.3	4.4	4.7	3.4	2.7	2.7	4.1	2.7	3.1	0.1	2.2	8 156	3.7	1.8	1.4	2.4	5.2	1.2
Grand Haven township	2 352	3.1	5.6	2.0	3.0	3.0	2.5	2.6	2.3	1.9	—	3.3	2 281	4.6	2.6	2.1	4.1	11.1	0.9
Grand Rapids township	2 979	1.4	3.7	2.5	2.0	1.3	0.9	1.7	1.5	2.4	—	1.5	2 898	2.6	1.2	0.9	3.8	5.6	0.8
Gross Lake township	1 204	3.7	7.6	1.8	3.2	3.1	3.9	0.7	1.0	1.7	—	3.1	1 155	6.7	—	—	2.1	6.5	0.6
Grattan township	865	5.5	7.4	2.5	3.1	3.1	2.9	2.1	1.3	1.0	—	2.5	829	11.2	1.3	1.3	4.9	10.5	1.2
Groveland township	2 347	37.1	38.9	15.5	34.7	38.9	32.5	11.7	13.7	8.4	—	32.6	1 384	17.1	12.9	13.2	19.5	41.7	16.5
Green township, Mecosta County	1 051	3.2	7.2	9.0	4.3	2.9	2.9	3.1	3.0	4.7	—	2.4	959	11.9	1.8	1.0	3.5	5.1	0.7
Green Lake township	1 387	4.0	2.4	8.9	2.4	2.9	2.5	3.5	4.2	1.9	—	1.7	966	6.4	1.3	0.6	1.6	9.9	1.0
Green Oak township	3 324	4.9	7.6	4.5	3.9	3.5	3.2	5.3	4.5	3.0	—	3.4	3 193	3.8	2.3	1.4	3.0	7.9	1.3
Grosse Ile township	3 111	3.8	6.0	3.5	4.2	3.9	4.2	3.4	3.7	4.4	—	4.0	2 976	2.4	1.7	1.8	2.1	4.7	2.4
Grosse Pointe township	1 007	2.3	2.5	1.0	0.9	0.5	—	—	—	—	—	0.9	974	0.8	1.3	1.5	4		

Table B-2a. Computer Allocation Rates for Nonresponse or Inconsistency for Towns/Townships of 2,500 or More: 1980—Con.

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

Towns/Townships of 2,500 or More

	Year-round housing units											Occupied housing units							
	Total (number)	Percent allocations										Total (number)	Percent allocations					Telephone in housing unit	
		Year structure built	Heating equipment	Units in structure	Bed-rooms	Kitchen facilities	Bath-rooms	Source of water	Sewage disposal	Stories in structure	Passenger elevator		Air conditioning	House heating fuel	Water heating fuel	Cooking fuel	Year householder moved into unit		Vehicles available
Henrietta township	1 321	7.4	8.2	4.8	1.6	0.4	3.1	1.7	1.3	0.5	—	4.2	1 250	6.5	2.7	4.7	5.0	10.3	1.7
Highland township, Oakland County	5 468	3.2	3.6	4.7	1.3	0.6	1.2	2.3	2.9	2.7	—	0.7	5 264	2.4	1.0	0.7	2.1	4.7	1.4
Holland township, Ottawa County	4 729	5.5	4.5	4.6	3.2	2.1	2.8	2.9	5.1	2.0	—	2.4	4 569	2.8	2.0	1.2	4.2	6.5	1.3
Holly township	2 958	5.2	6.5	3.7	4.2	3.1	3.8	3.3	2.6	3.6	—	2.8	2 784	2.9	1.8	1.4	2.2	8.9	1.8
Home township, Montcalm County	966	10.5	12.9	5.3	7.8	3.2	4.9	1.6	2.1	3.3	—	5.2	899	10.5	6.0	4.6	10.1	17.1	4.0
Homer township, Calhoun County	1 063	4.2	6.4	6.4	3.2	3.9	4.0	0.8	1.0	2.3	—	3.2	1 002	6.0	2.2	2.0	3.5	7.2	1.7
Homer township, Midland County	1 471	4.6	3.4	4.8	1.0	1.3	1.7	2.5	2.0	2.2	—	1.6	1 419	7.0	1.2	0.8	5.1	8.0	—
Hope township, Barry County	1 251	12.5	8.9	7.4	4.6	6.2	2.8	2.6	3.4	3.2	—	2.2	908	11.7	3.6	2.1	3.9	8.6	1.5
Howard township	2 343	6.3	8.1	5.3	3.5	4.4	4.9	3.2	3.5	2.7	—	3.5	2 242	6.6	1.6	2.1	6.8	8.2	2.2
Howell township	1 188	3.5	11.0	4.4	5.2	5.0	5.1	3.0	2.1	2.8	—	5.1	1 148	11.3	3.9	4.0	4.5	10.8	3.0
Huron township, Wayne County	3 276	4.9	5.4	6.4	3.2	3.3	3.5	2.0	2.8	2.1	—	2.9	3 167	2.4	1.5	1.5	4.1	8.4	0.7
Ida township	1 355	2.1	4.8	1.5	1.3	1.6	2.3	1.4	1.3	1.5	—	1.8	1 304	3.3	3.6	2.8	8.7	8.9	1.8
Indianpende township	6 848	4.3	5.3	3.2	2.5	2.7	2.5	5.4	4.1	3.7	—	2.5	6 652	2.8	1.8	1.6	2.6	8.2	1.6
Indianfields township	2 502	6.9	7.0	8.0	5.9	4.0	5.5	2.6	3.6	5.8	—	3.8	2 344	7.0	3.9	2.5	4.9	8.2	4.2
Ingersoll township	943	5.5	7.4	6.3	2.8	2.3	1.9	2.4	1.9	3.7	—	3.2	914	9.8	1.0	1.4	7.3	4.6	1.0
Ionia township	1 014	6.4	8.0	6.9	7.0	4.6	5.2	2.5	2.4	2.7	—	5.5	965	9.3	2.2	2.6	4.9	8.7	2.1
Ira township	1 685	6.4	3.5	9.9	3.1	1.7	2.9	2.6	3.3	2.8	—	1.7	1 602	3.4	0.3	0.6	4.6	4.1	0.2
Ishpeming township	1 190	3.1	3.5	0.4	1.3	2.0	1.8	0.4	1.6	1.5	—	0.9	1 135	10.2	1.2	0.5	3.1	11.1	1.1
Jamestown township	1 013	1.3	3.2	1.1	1.5	0.8	0.8	0.5	0.4	1.5	—	0.8	989	6.7	2.9	2.2	11.1	7.0	0.7
Jefferson township, Hillsdale County	1 136	7.9	11.1	6.6	7.3	6.3	5.5	6.3	6.9	5.1	—	6.1	1 021	6.0	5.1	3.0	2.4	12.2	2.3
Jerome township	1 561	6.8	5.1	8.3	5.8	4.4	3.8	4.2	4.4	2.9	—	2.5	1 420	10.8	4.4	2.0	4.1	8.4	3.2
Johntown township	1 138	1.6	9.1	6.1	5.3	4.3	6.2	1.1	1.1	1.1	—	5.4	1 006	6.1	2.2	2.2	4.7	7.2	2.2
Kalamazoo township	8 622	4.2	4.0	3.0	2.9	2.4	2.2	1.7	2.4	2.2	—	2.2	8 146	5.4	3.1	2.1	4.0	8.5	2.5
Kalkaska township	1 340	9.8	9.3	7.2	8.0	7.6	6.9	4.9	4.9	3.8	—	10.1	1 166	10.6	3.6	3.6	4.2	15.3	3.2
Kawkwawin township	1 696	5.0	6.5	3.9	6.0	6.0	4.7	2.5	4.1	1.5	—	5.7	1 581	6.1	3.6	3.2	7.1	8.3	2.3
Keeler township	1 079	10.5	12.1	7.8	5.4	7.0	5.2	4.3	4.1	3.4	—	7.6	887	8.0	4.4	3.0	7.3	12.7	2.1
Kimball township	2 317	5.4	9.2	4.9	3.1	3.3	3.7	3.5	3.6	1.9	—	2.3	2 209	3.8	2.7	2.6	4.1	6.1	0.3
Kochville township	850	3.2	4.2	5.3	2.0	1.5	2.1	1.3	1.5	2.9	—	1.6	824	3.5	1.1	1.1	7.5	10.2	1.3
La Grange township	1 377	6.5	6.9	6.2	3.1	2.7	3.7	2.8	3.6	2.6	—	3.2	1 270	4.8	0.5	0.6	2.8	5.7	0.6
Laketown township	2 123	5.4	3.4	3.4	2.2	1.9	1.8	3.1	3.2	2.7	—	1.3	2 057	4.3	0.9	0.9	2.7	3.8	0.6
Laketown township	1 290	14.4	18.4	15.5	13.5	13.5	15.0	13.9	13.4	15.1	—	14.2	1 256	16.6	12.8	12.8	15.0	31.3	12.8
L'Anse township	1 651	5.6	4.3	5.3	4.1	3.0	5.3	2.7	4.0	2.7	—	1.9	1 456	14.8	2.6	1.7	4.1	8.7	1.5
Lansing township	4 437	6.4	4.4	2.4	1.6	1.4	0.8	0.8	0.5	1.7	—	0.9	4 316	6.0	4.3	3.4	3.1	8.7	2.0
Lapeer township	1 324	3.8	7.2	5.0	3.0	2.2	2.5	6.0	5.4	4.5	—	2.2	1 271	7.2	1.9	1.3	3.6	6.8	1.8
Larkin township	1 013	2.7	5.3	3.0	2.3	0.8	1.1	0.9	0.8	1.3	—	0.8	979	9.7	1.1	1.2	4.8	4.5	0.4
La Salle township	1 570	3.4	4.5	2.3	4.0	1.3	2.0	2.4	1.3	1.7	—	1.5	1 485	3.3	2.1	1.0	6.7	10.8	1.6
Lawrence township	1 216	7.3	13.7	4.7	9.4	7.8	8.8	4.3	4.7	3.0	—	8.3	1 133	8.1	2.7	1.8	2.1	6.8	1.8
Lee township, Midland County	1 088	4.9	8.8	8.0	4.4	3.3	3.0	2.3	2.1	4.0	—	3.0	1 005	10.3	2.7	1.8	6.2	7.1	1.4
Leighton township	971	2.0	3.9	4.1	2.9	0.8	1.4	2.2	3.0	1.5	—	1.5	879	9.2	1.6	1.1	4.0	7.2	1.3
Lenox township	1 532	5.8	9.6	6.5	5.5	4.7	4.9	2.2	2.4	4.9	—	4.2	1 432	7.3	2.5	1.2	4.3	10.3	2.1
Leoni township	4 958	6.3	6.6	4.6	3.2	2.7	2.3	1.8	1.6	2.4	—	2.2	4 798	5.5	2.0	2.0	3.7	9.4	1.2
Le Roy township	993	2.7	5.9	1.8	2.3	1.4	0.8	1.0	0.9	1.1	—	2.1	958	9.7	0.8	0.8	2.9	6.9	0.6
Leroy township	1 094	2.6	6.2	5.9	2.7	2.2	2.6	2.2	1.8	3.6	—	2.4	1 055	7.3	2.7	2.5	4.4	11.8	1.9
Lexington township	1 171	2.8	10.6	9.1	3.4	3.5	2.6	2.6	1.8	2.8	—	3.3	1 073	5.8	0.8	0.6	2.0	8.1	0.8
Lima township	839	2.6	3.7	2.6	4.3	4.2	4.2	1.4	1.0	3.7	—	4.3	808	5.9	1.7	1.2	4.7	8.7	0.7
Lincoln township, Berrien County	5 000	3.8	3.6	5.6	2.2	1.1	0.9	5.2	4.8	2.2	—	1.4	4 777	1.3	1.4	0.9	1.5	5.4	0.6
Lockport township	1 153	6.2	8.9	3.8	4.4	3.7	4.3	1.7	1.6	2.2	—	4.5	1 051	6.5	3.6	2.6	3.5	10.8	3.6
Lodi township	928	6.8	6.4	4.1	5.3	2.9	3.1	2.0	2.4	0.6	—	5.9	880	7.3	2.6	2.5	9.3	6.8	0.6
London township	939	8.3	14.1	0.6	7.5	8.5	8.1	5.6	5.1	0.6	—	8.1	908	13.3	4.3	5.4	5.3	14.1	5.6
Long Lake township	1 535	9.6	10.1	7.4	7.7	9.6	7.0	3.6	4.0	2.3	—	6.7	1 249	16.6	2.4	1.5	3.6	16.8	1.4
Lawell township	1 212	4.1	6.8	8.1	6.5	3.4	3.2	2.6	2.6	3.1	—	2.6	1 182	10.1	0.7	1.3	5.2	4.6	2.6
Lyon township, Oakland County	2 564	4.3	7.4	7.0	3.3	3.0	3.9	12.1	10.7	3.2	—	4.0	2 443	5.2	0.7	0.7	3.7	4.6	1.1
Lyons township	1 027	7.2	13.0	8.6	6.4	5.4	6.2	1.9	2.9	1.5	—	5.6	960	7.8	3.2	2.9	5.0	7.6	2.7
McMillan township, Luce County	1 367	6.4	1.6	6.4	1.8	2.0	3.1	1.8	2.2	1.2	—	1.0	1 224	12.7	2.6	1.1	4.2	7.5	0.8
Macamb township	4 951	3.8	5.2	2.8	3.5	2.4	2.9	2.8	2.3	4.2	—	3.0	4 628	2.8	2.5	2.3	4.3	8.0	2.1
Madison township	1 686	4.2	5.9	2.4	4.4	2.1	2.4	1.4	2.6	1.1	—	2.7	1 615	5.3	2.1	2.2	4.3	7.6	1.4
Manclana township	1 159	17.4	16.7	11.2	17.4	16.7	16.3	3.0	4.2	3.8	—	15.8	939	11.4	5.0	4.2	8.0	16.7	5.1
Manchester township	1 141	2.1	7.8	3.6	1.7	1.7	2.6	1.1	1.2	2.6	—	1.2	1 097	7.6	1.6	2.5	4.4	8.8	0.7
Manistee township	1 160	5.3	10.3	4.0	3.6	3.0	4.4	2.9	3.1	3.0	—	3.0	1 053	12.6	2.4	2.4	5.7	10.8	1.6
Maple Grove township, Saginaw County	800	1.5	3.5	1.4	3.3	2.4	1.9	—	1.4	2.0	—	—	789	9.5	1.4	0.5	8.6	6.0	0.5
Marathon township	1 370	5.9	5.0	7.2	3.1	3.0	3.7	3.4	2.3	4.3	—	3.3	1 310	6.3	2.0	1.9	3.8	6.6	1.3
Marion township, Livingston County	1 322	8.5	10.7	2.6	10.1	9.8	9.2	3.9	4.2	2.8	—	9.6	1 262	15.1	7.1	8.2	8.8	17.3	5.1
Marlette township	1 388	6.7	9.7	6.3	6.3	5.3	5.5	2.8	2.6	3.8	—	5.3	1 301	9.4	3.5	3.0	6.6	11.6	2.9
Marquette township, Marquette County	964	6.9	3.0	6.0	3.9	2.8	3.2	2.3	1.6	1.6	—	1.1	879	9.1	1.8	1.7	2.2	9.9	1.9
Marshall township	887	3.4	3.5	4.8	3.0	2.3	1.9	1.9	2.0	2.0	—	1.7	855	9.4	5.5	3.6	6.3	10.2	3.0
Mayfield township, Lapeer County	2 143	7.2	7.0	7.4	4.8	5.1	5.1	4.3	4.7	3.5	—	4.8	2 085	5.7	4.1	3.5	6.3	12.2	3.4
Mendon township	1 038	3.5	4.6	5.3	1.8	0.9	1.4	2.5	2.1	2.7	—	1.4	947	8.7	0.7	0.6	2.1	5.5	0.3
Menominee township	1 438	12.2	7.9	9.2	7.0	7.4	6.1	6.1	6.1	6.0	—	6.7	1 327	16.5	1.6	0.5	2.0	7.8	—
Meridian township	11 615	5.3	3.9	4.3	3.2	1.9	2.3	3.0	2.2	2.1	—	1.7	10 952	5.4	3.3	1.9	3.0	6.4	1.4
Metamora township	1 067	4.7	9.5	6.5	2.8	2.9	3.9	1.6	2.1	3.0	—	6.0	1 001	3.3	2.9	3.7	3.8	9.1	2.8
Milford township	3 406	5.2	5.8	5.0	3.4	3.5	3.0	2.2	2.4	3.4	—	3.1	3 260	3.0					

Table B-2a. Computer Allocation Rates for Nonresponse or Inconsistency for Towns/Townships of 2,500 or More: 1980—Con.

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

Towns/Townships of 2,500 or More

	Year-round housing units											Occupied housing units							
	Total (number)	Percent allocations										Total (number)	Percent allocations					Telephone in housing unit	
		Year structure built	Heating equipment	Units in structure	Bed-rooms	Kitchen facilities	Bath-rooms	Source of water	Sewage disposal	Stor-ies in structure	Passenger elevator		Air conditioning	House heating fuel	Water heating fuel	Cooking fuel	Year house-holder moved into unit		Ve-hicles available
Northfield township	1 561	3.6	6.3	5.5	2.6	1.7	2.9	3.9	3.1	2.0	—	1.7	1 517	4.5	1.8	1.3	3.1	7.3	0.8
Northville township	4 054	2.2	3.3	3.2	1.8	1.6	2.0	1.7	2.1	2.4	0.3	1.6	3 923	1.1	1.1	1.1	1.8	4.1	1.5
Nottawa township, St. Joseph County	1 140	6.1	5.9	4.3	2.5	2.1	1.6	2.0	3.7	2.5	—	1.8	1 073	5.2	3.4	1.3	4.0	6.6	0.5
Oakfield township	1 028	4.1	7.6	7.9	2.6	2.4	2.8	2.7	2.5	3.5	—	2.2	969	13.5	1.5	1.5	3.2	8.3	1.1
Oakland township	2 347	2.3	4.2	4.1	1.4	0.5	2.0	2.6	2.4	2.9	—	1.7	2 243	3.4	1.0	1.1	2.0	3.4	1.5
Oceola township	1 316	8.6	10.7	3.0	5.6	4.8	4.7	2.3	2.0	3.8	—	4.2	1 270	11.1	2.8	2.8	4.3	13.1	2.7
Odessa township	1 353	5.7	4.8	3.8	2.7	2.7	2.2	1.0	1.3	3.3	—	3.2	1 228	9.5	2.6	2.0	5.5	11.2	1.5
Oneida township	1 149	7.2	6.4	6.3	6.2	5.0	5.5	1.7	2.3	7.2	—	6.2	1 074	2.4	1.6	0.9	3.3	9.1	0.6
Ontonagon township	1 391	7.6	6.0	7.5	5.5	5.3	7.0	3.3	4.4	3.2	—	4.1	1 259	30.8	4.3	2.4	7.4	14.4	2.4
Ontwo township	2 201	7.6	5.1	4.6	4.1	3.6	2.4	2.8	2.1	1.6	—	4.2	2 076	4.2	1.8	1.7	2.3	7.0	1.7
Orangeville township	1 160	13.9	9.7	13.4	5.5	1.5	1.8	2.3	3.2	2.5	—	2.7	842	10.1	2.3	1.4	4.9	12.6	1.2
Oregon township	1 646	3.5	7.4	4.0	1.9	1.7	3.2	2.7	2.2	5.6	—	2.5	1 602	6.1	1.5	1.5	3.4	10.2	1.7
Orion township	7 830	3.5	5.2	4.0	1.9	1.4	2.1	2.2	2.2	2.2	—	1.7	7 467	1.7	0.8	0.9	2.0	6.1	0.9
Oronoko township	3 423	3.9	7.4	9.6	4.4	3.0	2.8	5.7	6.9	2.3	—	2.1	3 253	8.5	3.4	1.8	2.2	4.8	2.7
Oscoda township	5 005	16.7	3.3	7.6	3.3	3.0	2.7	8.3	6.8	2.0	—	2.8	3 657	4.6	3.3	2.1	7.4	7.2	1.6
Oshkema township	5 017	7.1	5.8	4.4	4.3	2.6	3.4	2.6	3.5	2.6	0.5	2.3	4 726	9.0	4.3	2.1	2.5	8.3	2.5
Osego township	1 514	5.2	7.9	5.4	3.6	2.8	2.8	2.0	2.2	3.8	—	3.0	1 473	7.6	2.4	1.6	3.3	9.4	1.8
Ovid township, Clinton County	1 098	7.6	3.6	2.1	2.8	1.8	2.5	1.2	1.2	0.8	—	1.9	1 036	9.5	1.7	1.7	6.7	7.9	1.3
Owosso township	1 655	3.8	7.0	8.5	2.4	2.4	2.8	4.2	4.3	2.9	—	4.4	1 603	7.9	5.1	4.3	7.6	13.9	4.9
Oxford township	3 677	5.2	4.6	5.4	2.1	1.7	2.1	4.1	3.5	3.0	—	1.6	3 515	3.5	1.8	2.0	2.3	7.4	1.6
Park township, Ottawa County	3 655	8.8	6.6	3.0	6.2	3.7	5.0	3.7	2.5	1.3	—	5.1	3 299	3.0	2.0	2.7	3.2	5.8	1.9
Park township, St. Joseph County	939	6.4	12.4	4.5	3.4	3.4	5.1	2.2	4.8	1.3	—	3.4	901	13.9	1.2	2.0	3.6	7.1	2.0
Parma township	885	5.1	7.8	6.2	3.2	2.0	2.7	2.3	1.2	2.0	—	2.3	842	9.1	3.4	3.3	5.5	11.5	2.9
Pavilion township	1 791	2.8	3.2	3.7	1.7	1.5	1.8	1.0	0.7	2.1	—	1.1	1 690	5.9	1.9	1.9	4.6	8.5	2.6
Paw Paw township	2 486	4.0	8.6	6.3	5.6	5.1	5.3	3.9	4.0	1.6	—	4.9	2 328	6.8	3.4	3.3	4.2	9.6	2.4
Peninsula township	1 540	4.9	9.4	5.3	1.3	1.9	0.4	4.0	4.4	0.7	—	0.4	1 360	5.3	2.1	1.0	4.5	6.6	0.8
Pennfield township	3 282	4.3	3.7	2.5	2.1	2.2	2.7	1.1	1.6	2.0	—	1.3	3 096	7.6	4.1	4.0	5.4	12.9	4.4
Perry township	1 138	4.7	3.6	6.0	3.5	3.1	2.5	2.2	1.7	3.3	—	1.7	1 093	9.1	2.1	3.6	2.5	9.0	2.7
Pinconning township	1 002	3.3	8.5	9.4	2.4	1.8	4.1	3.2	3.3	0.6	—	1.2	931	11.4	2.3	0.6	8.6	6.3	0.6
Pittsfield township	5 792	8.7	4.8	6.1	3.7	2.3	3.8	2.4	2.9	2.6	0.3	3.2	5 368	5.0	3.2	2.0	3.4	9.2	2.9
Plainfield township, Iosco County	3 704	7.6	8.8	10.7	11.0	9.6	8.0	10.0	8.8	5.5	—	7.5	1 306	8.9	2.7	2.2	3.1	6.6	2.8
Plainfield township, Kent County	7 098	3.9	4.0	4.5	2.8	2.0	2.2	1.4	1.7	3.0	0.1	1.6	6 808	3.7	2.0	1.9	2.8	6.0	1.7
Plymouth township	7 774	2.5	3.2	2.8	1.4	1.2	1.2	1.0	1.0	2.3	—	1.1	7 581	3.7	1.2	0.5	1.3	4.5	0.9
Pontiac township	5 463	6.2	4.4	4.6	3.5	2.3	2.9	2.7	2.9	2.0	—	3.4	5 224	3.9	1.9	1.7	4.0	7.8	2.2
Portage township, Houghton County	1 279	3.0	3.7	9.9	6.9	3.3	6.0	7.7	9.0	1.6	—	2.0	1 142	8.0	3.3	1.7	4.6	7.9	1.2
Porter township, Cass County	1 517	2.6	9.3	5.7	6.6	4.9	4.8	1.6	2.2	3.2	—	5.5	1 358	9.4	1.8	0.9	2.9	13.0	0.4
Port Huron township	2 685	7.2	6.3	3.4	2.0	1.9	2.2	1.5	1.4	2.6	—	0.9	2 591	3.4	2.8	1.2	4.1	7.0	1.5
Portsmouth township	1 409	4.3	7.3	5.9	3.8	2.5	3.5	3.4	2.6	1.5	—	3.8	1 374	5.3	3.1	2.3	8.7	7.2	0.4
Prairieville township	1 057	6.2	4.2	8.2	1.5	1.6	0.4	2.8	1.9	0.9	—	0.4	986	7.0	1.1	0.4	1.4	9.5	—
Putnam township	1 872	5.9	8.1	4.4	4.2	3.8	3.6	4.7	3.2	4.6	—	3.7	1 769	6.7	2.5	2.6	3.7	4.9	1.8
Quincy township, Branch County	1 511	3.9	7.5	3.3	4.5	1.9	1.9	0.8	1.7	0.9	—	2.2	1 442	5.9	4.2	3.0	4.0	11.9	2.4
Raisin township	1 715	3.8	3.4	2.7	2.3	2.4	2.9	2.0	1.5	2.2	—	1.5	1 668	2.3	1.1	0.7	5.2	3.8	0.3
Raisinville township	1 453	4.6	9.2	0.5	4.6	5.0	4.9	5.4	3.7	1.5	—	5.0	1 387	3.8	2.5	1.5	4.9	8.2	1.5
Ray township	954	2.5	4.4	2.5	4.0	2.8	3.1	1.7	2.5	1.8	—	3.9	919	5.7	4.6	2.7	7.9	12.8	2.7
Redford township	20 909	3.8	4.0	3.4	2.4	2.5	2.4	2.2	2.0	2.8	—	2.4	20 025	2.1	1.8	1.6	2.8	6.9	2.1
Richfield township, Genesee County	2 155	4.7	4.7	2.7	2.1	2.1	1.3	2.2	1.9	4.3	—	1.4	2 102	4.9	2.9	2.2	5.1	8.6	1.3
Richfield township, Roscommon County	3 239	46.4	49.3	11.5	45.1	46.8	45.1	11.2	11.4	11.2	—	44.6	1 164	11.3	4.0	2.0	4.4	11.9	2.0
Richland township, Kalamazoo County	1 665	7.0	9.6	4.0	7.3	4.4	7.0	12.4	13.6	5.2	—	7.2	1 596	7.0	4.4	4.2	4.3	11.4	2.8
Richland township, Saginaw County	1 399	4.7	4.6	4.4	3.4	3.1	3.5	2.4	3.8	0.5	—	2.8	1 368	8.2	1.7	1.0	6.1	4.4	0.8
Rives township	1 388	4.9	8.7	6.8	5.0	3.5	3.3	1.4	2.0	4.7	—	2.5	1 318	8.3	2.9	2.0	2.7	6.3	0.9
Robinson township	943	5.4	9.4	4.6	5.0	5.7	4.0	2.1	1.9	4.0	—	5.0	905	15.5	4.3	5.1	7.8	14.1	2.2
Rollin township	1 848	35.6	34.3	4.2	13.9	12.5	13.9	12.7	4.2	6.0	—	20.1	1 147	9.4	3.2	2.0	4.7	8.4	0.5
Roscommon township	1 450	18.8	18.6	20.8	19.3	18.4	19.0	21.4	17.9	17.9	—	17.9	1 011	5.1	1.3	2.2	3.2	6.9	0.7
Rose township, Oakland County	1 376	4.1	8.4	6.8	5.6	5.7	5.7	4.2	4.2	4.4	—	5.9	1 307	8.1	2.4	2.4	4.7	14.5	3.0
Ross township	1 810	6.3	12.2	4.4	7.2	5.6	7.7	2.9	4.3	4.0	—	7.0	1 714	9.7	3.1	3.6	4.4	14.2	2.6
Royal Oak township	2 938	7.1	9.1	7.1	9.6	4.8	5.9	4.1	5.6	4.4	2.2	4.5	2 767	7.1	5.3	1.4	5.5	5.5	1.9
Royalton township	995	—	4.7	3.9	—	—	1.0	1.5	1.5	—	—	1.1	955	2.8	0.6	0.7	0.6	4.8	—
Saginaw township	14 537	2.7	4.1	3.8	2.2	1.7	1.4	0.6	0.8	2.0	0.1	1.9	13 777	3.4	2.1	1.7	3.4	8.0	1.6
St. Charles township	1 281	3.4	4.7	3.5	2.3	2.1	2.7	1.9	1.6	2.1	—	2.0	1 245	6.9	1.9	1.4	5.8	5.5	1.0
St. Clair township	1 404	2.8	6.7	9.0	1.6	1.6	1.4	4.3	4.3	2.5	—	0.9	1 283	7.4	0.5	1.6	3.9	6.3	1.3
St. Joseph township	3 532	1.6	4.8	2.3	1.4	2.0	1.6	1.4	0.4	1.3	—	1.2	3 470	4.1	3.7	3.4	4.3	10.3	3.2
Salem township, Washtenaw County	1 025	1.9	8.4	2.7	1.1	1.0	1.0	0.3	0.3	0.3	—	0.3	1 007	6.5	2.5	2.5	3.8	10.9	4.0
Sandstone township	1 096	10.7	9.2	2.3	7.3	4.2	5.2	2.3	4.0	2.1	—	6.3	1 044	12.3	3.7	3.5	6.4	12.4	2.5
Saugatuck township	1 709	9.0	8.8	9.6	7.4	6.4	6.0	4.4	5.9	5.6	—	5.9	1 575	5.0	3.4	2.0	4.6	11.9	2.0
Schoolcraft township, Kalamazoo County	2 352	3.1	2.9	4.6	1.5	1.2	1.5	2.7	3.6	1.4	—	1.3	2 247	4.7	2.0	2.2	3.3	7.0	1.3
Sao township	2 829	3.7	4.6	4.6	3.5	3.8	2.6	1.5	1.4	2.0	—	2.5	2 718	2.4	1.6	1.3	3.1	7.2	1.7
Sebewaing township	1 248	4.6	3.6	2.2	4.2	1.8	1.6	1.4	2.6	1.9	—	1.3	1 197	6.5	1.5	1.5	7.9	7.4	0.7
Shelby township, Macomb County	12 310	4.3	4.6	4.0	3.5	2.8	2.7	4.1	6.0	3.4	—	2.8	11 373	1.9	1.5	1.2	2.8	7.6	1.4
Shelby township, Oceano County	1 289	8.8	8.6	6.1	4.5	4.5	5.0	2.7	2.8	3.4	—	5.7	1 196	8.6	1.8	1.2	5.7	10.7	2.4
Sherman township, St. Joseph County	938	5.0	5.9	2.0	3.5	2.7	1.7	1.3	1.3	1.7	—	1.7	905	3.1	—	—	4.5	4.6	—
Shiawassee township	847	3.4	5.9	2.4	0.8	1.1	1.7	0.9</											

Table B-2a. Computer Allocation Rates for Nonresponse or Inconsistency for Towns/Townships of 2,500 or More: 1980—Con.

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

Towns/Townships of 2,500 or More

	Year-round housing units										Occupied housing units								
	Total (number)	Percent allocations									Total (number)	Percent allocations							
		Year structure built	Heat-ing equip-ment	Units in struc-ture	Bed-rooms	Kit-chen facili-ties	Bath-rooms	Source of water	Sewage dis-pasal	Stor-ies in struc-ture		Pas-senger ele-vator	Air condi-tioning	House heat-ing fuel	Water heat-ing fuel	Cook-ing fuel	Year house-holder moved into unit	Ve-hicles avail-able	Tele-phone in hous-ing unit
Surrey township.....	1 342	19.7	23.5	6.8	15.4	13.1	15.1	3.9	4.6	4.8	—	14.8	1 091	11.2	4.5	4.5	5.1	10.9	4.9
Swan Creek township.....	761	1.8	4.1	0.3	1.4	—	2.2	1.2	—	2.2	—	—	748	5.2	0.8	—	5.2	6.7	1.1
Sylvan township, Washtenaw County.....	1 933	5.8	6.5	4.8	3.3	2.6	3.7	1.2	1.0	2.2	—	3.6	1 870	5.1	2.4	1.8	4.3	6.3	1.9
Tallmadge township.....	1 830	3.3	6.2	6.2	2.1	2.3	2.4	3.7	1.7	3.4	—	2.1	1 770	8.0	2.1	1.6	4.5	6.6	1.2
Taymouth township.....	1 368	3.7	4.2	2.3	0.7	1.8	1.4	0.9	0.4	1.8	—	0.6	1 330	15.7	3.4	2.0	5.4	10.2	2.0
Texas township.....	1 873	1.5	4.3	0.8	0.5	0.4	0.3	0.7	0.7	0.3	—	0.5	1 765	4.0	0.7	0.3	0.4	1.1	1.1
Theftard township.....	2 817	6.7	6.0	5.3	4.6	3.7	5.3	4.9	3.2	2.3	—	4.5	2 715	7.8	4.2	3.5	6.3	13.9	2.0
Thomas township.....	3 550	5.3	5.5	3.7	3.7	3.5	3.4	1.8	2.6	3.0	—	3.7	3 445	4.7	1.5	1.1	3.4	5.8	0.6
Thornapple township.....	1 377	4.0	4.6	3.5	3.3	2.1	4.4	2.8	3.8	3.5	—	2.5	1 322	10.3	2.4	1.3	5.7	8.7	1.3
Three Oaks township.....	1 101	6.8	7.7	4.1	5.3	4.5	3.9	2.8	3.2	4.5	—	4.3	1 047	4.8	2.8	2.0	6.1	7.9	2.2
Tittabawassee township.....	1 655	3.9	4.7	2.4	3.1	3.6	2.7	2.5	2.2	0.4	—	3.1	1 590	4.6	1.1	0.7	4.3	7.2	0.3
Tyrone township, Kent County.....	1 058	3.2	5.1	6.4	2.6	0.6	1.3	3.2	3.4	1.0	—	0.6	992	9.3	1.7	1.6	3.2	7.1	1.6
Tyrone township, Livingston County.....	1 849	3.3	4.6	1.6	2.5	2.7	2.3	0.6	1.1	3.1	—	2.1	1 756	4.2	1.4	0.3	2.3	6.8	1.0
Unadillo township.....	931	5.6	7.6	6.7	4.0	4.3	2.9	2.5	2.1	2.0	—	3.7	905	10.2	3.3	3.2	4.3	10.2	2.1
Union township, Branch County.....	1 067	5.4	9.8	4.1	3.5	3.5	4.9	2.0	3.6	5.8	—	4.9	1 010	6.5	2.2	1.3	5.4	6.9	1.1
Union township, Isabella County.....	1 953	7.4	7.4	6.9	6.1	4.5	6.1	11.5	11.8	2.6	1.1	3.5	1 818	9.7	4.2	3.4	5.6	11.6	3.2
Van Buren township.....	7 041	6.6	5.2	4.5	4.3	3.3	3.5	2.3	2.1	3.2	0.1	3.7	6 701	4.2	4.1	2.9	5.6	13.4	4.1
Vassar township.....	1 118	2.4	6.4	5.8	1.2	1.8	1.2	1.2	2.1	2.2	—	1.2	1 100	9.5	2.6	2.3	2.2	8.3	1.2
Venice township.....	982	5.6	6.1	10.2	3.5	2.1	3.6	4.0	4.0	5.0	—	2.1	932	8.0	3.9	3.6	11.5	9.9	3.3
Vernon township, Shiawassee County.....	1 701	3.9	4.4	7.9	1.7	0.9	1.1	2.9	2.2	1.7	—	2.7	1 652	4.4	1.6	0.4	5.0	5.4	2.4
Vevay township.....	1 004	3.6	3.3	1.7	—	—	0.5	1.9	2.0	0.4	—	—	957	4.3	0.6	—	5.5	3.2	0.5
Vienna township, Genesee County.....	4 237	4.5	6.1	5.2	2.9	2.5	2.5	3.6	3.0	3.8	—	2.1	4 001	6.7	5.0	4.4	6.5	11.4	4.5
Washington township, Macomb County.....	3 305	3.2	5.1	3.1	2.3	2.5	3.0	7.0	6.7	2.8	—	2.5	3 078	4.1	2.2	2.6	4.0	7.8	1.8
Waterford township.....	23 706	5.4	6.6	4.0	5.2	4.8	4.7	3.7	3.9	2.6	0.1	4.3	22 542	3.2	2.7	1.9	3.0	9.0	2.1
Watertown township, Clinton County.....	1 180	7.0	8.2	5.6	4.3	5.4	4.0	4.0	4.7	6.1	—	3.6	1 145	6.6	4.5	3.1	6.2	15.9	3.1
Watervliet township.....	1 286	6.5	8.2	10.7	7.4	3.9	4.7	6.1	5.3	3.0	—	6.5	1 152	4.3	3.7	2.3	5.3	13.3	2.3
Wayne township.....	1 003	11.9	14.7	3.3	11.1	4.2	9.3	2.1	2.1	6.5	—	8.5	874	11.4	—	—	5.7	5.8	1.3
Webster township.....	918	4.1	7.8	4.1	4.1	4.1	4.2	1.4	1.3	2.1	—	4.2	878	7.3	0.2	0.8	4.2	6.0	0.2
Wells township, Delta County.....	1 660	8.7	6.9	6.4	5.5	5.1	5.9	5.4	5.4	5.4	—	5.1	1 580	14.2	2.7	2.3	5.8	17.6	3.5
West Bloomfield township.....	13 533	2.3	3.5	3.0	2.3	1.9	1.9	1.8	1.8	2.9	—	1.8	12 877	1.6	0.9	0.7	1.3	4.6	0.7
Wheeler township.....	1 172	5.7	8.3	4.6	3.6	2.2	2.8	3.2	3.1	1.6	—	2.9	1 095	5.8	1.6	1.3	7.5	6.4	1.5
Whiteford township.....	1 515	7.0	7.5	4.0	3.6	2.5	3.7	6.1	7.9	3.1	—	3.1	1 466	6.5	2.0	2.5	6.0	14.1	1.9
White Lake township.....	7 293	4.9	4.9	3.3	2.8	2.3	1.8	4.2	4.5	3.8	—	2.3	7 037	2.4	1.2	1.3	3.4	6.9	1.0
White Pigeon township.....	1 339	1.9	3.7	3.1	2.6	0.4	1.8	1.6	2.6	0.4	—	1.3	1 267	2.8	0.9	0.9	2.9	6.2	1.7
Williams township.....	1 394	2.7	3.2	2.7	1.1	—	1.6	0.8	2.0	0.5	—	0.4	1 362	6.4	2.6	2.6	5.6	9.0	0.5
Williamston township.....	1 239	3.0	6.2	3.1	1.8	2.7	1.4	0.9	0.9	0.4	—	0.9	1 210	7.7	2.0	2.8	4.3	6.9	1.4
Windsor township.....	2 068	8.6	6.0	6.8	2.3	2.2	2.1	2.2	2.0	1.9	—	3.3	2 029	10.5	7.0	6.4	7.0	16.0	5.3
Woodhull township.....	1 070	4.8	5.4	8.6	3.3	2.7	3.6	3.2	3.2	3.6	—	3.5	1 031	8.7	2.4	1.9	3.1	5.7	0.7
Woodstock township.....	1 515	22.6	18.0	5.6	9.0	14.5	4.4	7.3	1.7	1.7	—	1.3	1 058	6.4	2.1	2.8	5.3	10.3	1.3
Worth township.....	1 245	4.4	8.4	4.9	3.3	2.7	3.1	2.3	2.6	2.7	—	2.7	1 134	3.4	2.5	1.8	3.6	5.2	0.8
Wright township, Ottawa County.....	950	2.4	5.6	3.5	1.7	1.1	1.6	3.2	2.0	—	—	1.1	913	8.3	2.2	1.8	6.9	5.8	0.5
Yark township.....	1 218	3.6	5.3	2.9	2.3	2.2	2.0	3.0	4.0	2.2	—	2.3	1 177	6.2	1.9	2.4	4.7	6.8	1.9
Ypsilanti township.....	17 256	7.9	6.1	5.6	5.3	3.8	4.0	2.0	2.9	3.6	0.8	4.0	16 162	4.2	2.7	1.5	2.5	7.2	1.9
Zeeland township.....	1 224	2.7	4.5	6.5	3.5	2.4	2.3	1.5	1.1	2.3	—	2.3	1 189	2.3	1.4	0.8	7.8	5.1	0.8

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STATES

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

COUNTIES

In most States, the primary divisions are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the county equivalents are the organized boroughs together with the "census areas" which were developed for general statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Mis-

souri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States. That part of Yellowstone National Park in Montana is treated as a county equivalent. The District of Columbia has no primary divisions, and the entire area is considered equivalent to a county for census purposes.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below.

In this report, central cities of standard metropolitan statistical areas, regardless of population, are shown only in the tables designated "... for Areas and Places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000. Places with a 1980 population below 2,500 are not shown in this report.

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. The towns in the New England States, New York, and Wisconsin, and the boroughs in New York are recognized as Minor Civil Divisions (MCD's) for census purposes; the boroughs in Alaska are county equivalents.

Some incorporated places include narrow strips of land (frequently only the rights-of-way of streets) which typically have no population or housing units. These areas, termed "corporate corri-

dors," are generally not shown on the maps or in the tables of 1980 census reports. The existence of these areas is indicated in the footnotes to table 4 in the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants, PC80-1-A*.

In Connecticut, a unique situation exists in which one incorporated place (Woodmont borough) is subordinate to another (Milford city). The city of Milford is coextensive with the town of Milford. In the tables for the Connecticut report in this series and other series of 1980 census reports, data shown for Milford city exclude those for Woodmont borough, and the user must therefore refer to data for Milford town (which include those for the borough) for data for Milford city.

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." To be recognized for the 1980 census, CDP's must have a minimum 1980 population as follows:

Area	Minimum CDP population
Alaska	25
Hawaii	300
All other States:	
Inside urbanized areas:	
With one or more cities of 50,000 or more	5,000
With no city of 50,000 or more	1,000
Outside urbanized areas	1,000

Hawaii is the only State with no incorporated places recognized by the

Bureau of the Census. All places shown for Hawaii in the 1980 census reports are CDP's. Honolulu CDP essentially represents the Honolulu Judicial District. The city of Honolulu, coextensive with the county of Honolulu, is not recognized for census purposes.

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 map in the HC80-1-A, *General Housing Characteristics*, report for this State. Detailed maps are available for purchase from the Census Bureau.

Towns/Townships

For 11 States, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin), a series of tables paralleling those for places and identified with an "a" suffix present data for towns/townships of 2,500 or more inhabitants. In these States, towns/townships with coextensive census designated places (CDP's) are shown only as towns or townships in this report.

URBAN AND RURAL RESIDENCE

As defined for the 1980 census, urban housing comprises all housing units in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, urban housing consists of all housing units in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those housing units in the rural portions of extended cities; (2) census designated places of 2,500 or more inhabitants; and (3) other territory, incorporated or unincorporated, included in urbanized areas. Housing units not classified as urban constitute rural housing. Information on the historical development of the urban-rural residence definition appears in the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A.

Farm-Nonfarm Residence

In rural areas, occupied housing units are subdivided into rural-farm housing, which comprises all rural units on farms, and rural-nonfarm housing, which comprises the remaining rural units. Occupied housing units are classified as farm units if the place is of one acre or more and sales of farm products amounted to \$1,000 or more in 1979. (See facsimiles of questionnaire items H15a and H15b and respondent instructions in appendix E.)

Occupied units in rural territory which do not meet the definition for farm housing are classified as nonfarm. All vacant units in rural areas also are classified as nonfarm. Information on nonfarm housing units is not shown separately in this report. It may, however, be obtained by subtracting rural farm from rural.

The definition of farm has changed since the 1970 census. In 1970, a farm was defined as a place of 10 or more acres with sales of farm products of \$50 or more or a place on less than 10 acres with sales of \$250 or more. A report in the 1980 Census of Population Supplementary Report, Series PC80-S1, is planned which will provide 1980 counts of the farm population using the 1970 definition of farm.

Extended Cities

Since 1960 there has been an increasing trend toward the extension of city boundaries to include territory essentially rural in character. The classification of all housing units of such cities as urban would include in the urban category housing units in areas which are primarily rural in character. For the 1970 and 1980 census, in order to separate these housing units from those in the closely settled portions of such cities, the Bureau of the Census classified as rural a portion or portions of each such city that was located in an urbanized area. To be treated as an extended city, a city must contain one or more areas that are each at least 5 square miles in extent and have a population density of less than 100 persons per square mile. The area or areas must constitute at least 25 percent of the land area of the legal city or include at least 25 square miles. These areas are excluded from the urbanized area.

Those cities designated as extended cities thus consist of an urban part and a

rural part. In the tables of this report, data for the urban part are shown separately following the data for the entire city. Only the urban part is considered to be the central city of an urbanized area. However, the term "central city" as used for SMSA's refers to the entire population and housing units within the legal boundaries of the city.

URBANIZED AREAS

Definition

The major objective of the Census Bureau in delineating urbanized areas is to provide a better separation of urban and rural housing in the vicinity of large cities. An urbanized area consists of a central city or cities, and surrounding closely settled territory or "urban fringe."

The following criteria are used in determining the eligibility and definition of the 1980 urbanized areas:¹

An urbanized area comprises an incorporated place² and adjacent densely settled surrounding area that together have a minimum population of 50,000.³ The densely settled surrounding area consists of:

1. Contiguous incorporated places or census designated places having:
 - a. A population of 2,500 or more; or,
 - b. A population of fewer than 2,500 but having a population density of 1,000 persons per square mile, a closely settled area containing a minimum of 50 percent of the population, or a cluster of at least 100 housing units.
2. Contiguous unincorporated area which is connected by road and has a population density of at least 1,000 persons per square mile.⁴

¹All references to population counts and densities relate to data from the 1980 census.

²In Hawaii, incorporated places do not exist in the sense of functioning local governmental units. Instead, census designated places are used in defining a central city and for applying urbanized area criteria.

³The rural portions of extended cities, as defined in the Census Bureau's extended city criteria, are excluded from the urbanized area. In addition, for an urbanized area to be recognized, it must include a population of at least 25,000 that does not reside on a military base.

⁴Any area of extensive nonresidential urban land use, such as railroad yards, airports, factories, parks, golf courses, and cemeteries, is excluded in computing the population density.

3. Other contiguous unincorporated area with a density of less than 1,000 persons per square mile, provided that it:

- a. Eliminates an enclave of less than 5 square miles which is surrounded by built-up area.
- b. Closes an indentation in the boundary of the densely settled area that is no more than 1 mile across the open end and encompasses no more than 5 square miles.
- c. Links an outlying area of qualifying density, provided that the outlying area is:

- (1) Connected by road to, and is not more than 1½ miles from, the main body of the urbanized area.
- (2) Separated from the main body of the urbanized area by water or other undevelopable area, is connected by road to the main body of the urbanized area, and is not more than 5 miles from the main body of the urbanized area.

4. Large concentrations of nonresidential urban area (such as industrial parks, office areas, and major airports), which have at least one-quarter of their boundary contiguous to an urbanized area.

A map of each urbanized area in this State appears in the 1980 Census of Housing report for this State, HC80-1-A, *General Housing Characteristics*.

Urbanized Area Titles

1. The titles of urbanized areas existing prior to the 1980 Census of Population and Housing are retained unchanged except for mergers and for those areas meeting items 4 and/or 5 of the titling criteria.
2. The titles of new urbanized areas qualifying as the result of the 1980 census are determined as follows:
 - a. The name of the incorporated place with the largest population in the urbanized area is always listed.
 - b. The names of up to two additional incorporated places may be listed, with eligibility determined as follows:
 - (1) Those with a population of at least 250,000.

(2) Those with a population of 15,000 to 250,000, provided that they are at least one-third the population of the largest place in the urbanized area.

3. Area titles that include the names of more than one incorporated place start with the name of the largest and list the others in descending order of their population.
4. In addition to incorporated place names, the titles contain the name of each State into which the urbanized area extends.
5. Regional titles may be used to identify urbanized areas with populations over 1 million, in which case only the largest city of the urbanized area is included in the title.

Urbanized Area Central Cities

The central cities of urbanized areas are those named in the titles except where regional titles are used. In such cases, the central cities are those that have qualified under items 1 or 2 of the titling criteria.

Counts and data for central cities of urbanized areas refer to the urban portion of these cities, thus excluding the rural portions of extended cities, as discussed above.

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 inter-agency 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. The housing in SMSA's is subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the nonmetropolitan housing.

SMSA Titles

Most SMSA's have at least one central city. The titles of SMSA's include up to three city names, as well as the names 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.

In this report, central cities of SMSA's, regardless of population, are shown only in the tables designated "... for Areas and Places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000.

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.

The new standards will not be applied to the areas existing on January 1, 1980, until after data on commuting flows become available from 1980 census tabulations. At that time, 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.

STANDARD CONSOLIDATED STATISTICAL AREAS

In some parts of the country, metropolitan development has progressed to the point that adjoining SMSA's are themselves socially and economically interrelated. These areas are designated standard consolidated statistical areas (SCSA's) by the Office of Management and Budget, and are defined using standards included as part of the new SMSA standards described above.

RELATIONSHIP BETWEEN URBANIZED AREAS AND METROPOLITAN AREAS

Although the urbanized area and the metropolitan area are closely related in concept, there are important differences. The urbanized area has a more limited territorial extent. The urbanized area consists of the physically continuously built-up territory around each larger city and thus corresponds generally to the core of high and medium population density at the heart of the metropolitan area. In concept, a metropolitan area is always larger than its core urbanized area, even if the metropolitan area is defined in terms of small building blocks, because it includes discontinuous urban and suburban development beyond the periphery of the continuously built-up area. The metropolitan area may also include some rural territory whose residents commute to work in the city or its immediate environs, while the urbanized area does not include such territory. In practice, because the SMSA definitions use

counties as building blocks, considerable amounts of rural territory with few commuters are often included. However, even in New England, where cities and towns are used as building blocks, SMSA's are generally much larger in extent than their core urbanized areas.

It sometimes occurs, because of boundary anomalies, that a portion of the urbanized area extends across the SMSA boundary into a nonmetropolitan county or another SMSA. However, such portions are usually quite small in area and population.

The new standards provide that each SMSA be associated with an urbanized area. However, the reverse is not true—there are some urbanized areas that are not in any SMSA. This situation occurs when an urbanized area does not qualify as an SMSA of at least 100,000 population (75,000 in New England), and the urbanized area has no city with at least 50,000 population.

In addition, some SMSA's contain more than one urbanized area. This occurs when:

1. Two or more urban concentrations not far apart and of generally similar size have separate urbanized areas but qualify as a single SMSA (e.g., Greensboro, High Point, and Winston-Salem, North Carolina). Often the SMSA title includes the name of the largest city or each of the component urbanized areas.
2. A very large SMSA includes a large urbanized area and one or more smaller separate urbanized areas within its boundaries. Examples are the separate urbanized areas around Joliet, Aurora, and Elgin within the Chicago SMSA.

AMERICAN INDIAN RESERVATIONS

American Indian reservations are areas with boundaries established by treaty, statute, and/or executive or court order. The reservations and their boundaries were identified for the 1980 census by the Bureau of Indian Affairs and State governments. Federal and State reservations are located in 33 States and may cross State, county, minor civil division/census county division, and place bound-

aries. In this report, tribal trust lands outside the boundaries of reservations (off reservation) are not included as part of the reservations.

Preliminary evaluation of the 1980 census data suggest that counts for a few reservations may be subject to certain limitations or nonsampling errors. Although the various field and computer operations undergo a number of quality control checks to ensure accuracy of the data, available evidence indicates that nonsampling errors are substantial for a small number of reservations. Additional evaluation of the counts for reservations will be done when more information is available and a fuller explanation will be presented in 1980 census subject reports on the American Indian population.

Data on 115 American Indian reservations were published in the 1970 census subject report, *American Indians*, PC(2)-1F. However, 1980 data may not be comparable to 1970 data because of boundary changes, improvements in geographic identification, enumeration techniques, etc., made for the 1980 census. Names and boundaries of American Indian reservations are shown on the county subdivision map in the HC80-1-A, *General Housing Characteristics* reports.

ALASKA NATIVE VILLAGES

Alaska Native villages constitute tribes, bands, clans, groups, villages, communities, or associations in Alaska which were listed in sections 11 and 16 of the Alaska Native Claims Settlement Act, Public Law 92-203, or which met the requirements of the act, and which the Secretary of Interior determined were, on the 1970 census enumeration date (April 1), composed of 25 or more Alaska Natives. This list was reviewed and updated for the Census Bureau by the State of Alaska prior to the 1980 census, to identify specifically only those entities that were recognized legally as Alaska Native villages.

Data on certain Alaska Native villages are not available from previous censuses. Some cities and "unincorporated places" (referred to as "census designated places" in 1980) which were identified in the 1970 census may, however, correspond to 1980 Alaska Native villages, but may not have identical boundaries. Names and

locations of Alaska Native villages may be found on the county subdivision map in the HC80-1-A, *General Housing Characteristics*, report for Alaska.

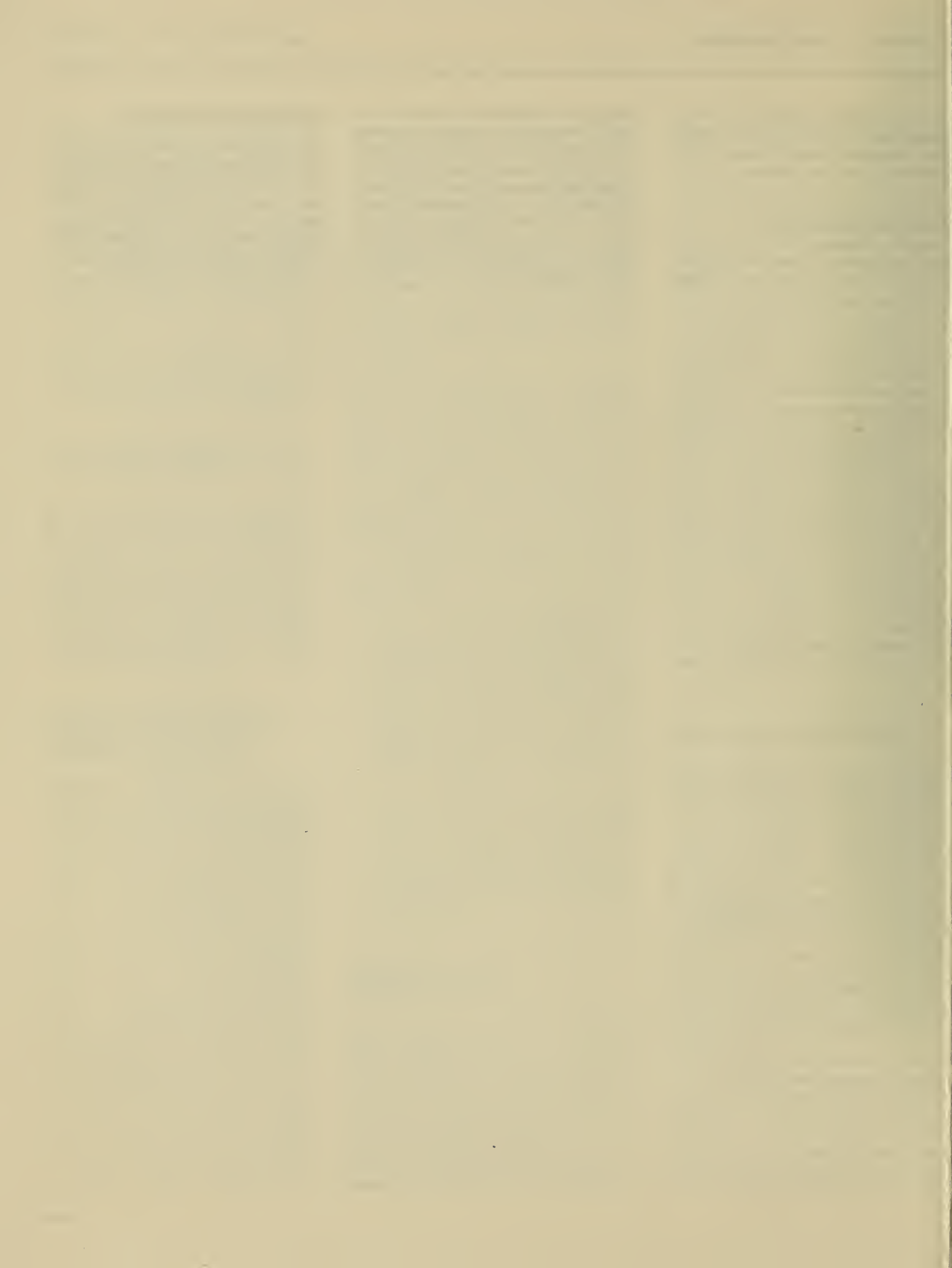
BOUNDARY CHANGES

The boundaries of some of the areas shown in this report have changed

between an earlier census and January 1, 1980. Information on boundary changes for counties, county subdivisions, and 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 MEASUREMENTS

Area measurement figures for counties and county equivalents are available in table 2 of the PC80-1-A State reports. Area figures for standard metropolitan statistical areas, urbanized areas, places of 2,500 or more, and, in 11 States, MCD's of 2,500 or more, can be found in PC80-1-A, United States Summary.



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telephone and personal-visit interviews, to read the questions directly from the questionnaire. 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 one-family 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 guard 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 quarters, 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 person listed in column 1 of the census ques-

naire, or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 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 in the number shown for 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."

Persons in Occupied Housing Units—"Persons in occupied housing units" is the total population less those persons living in group quarters. "Persons per occupied housing unit" is computed by dividing the population living in housing units by the number of occupied housing units. Data are also presented separately for the population in owner-occupied and in renter-occupied housing units.

Year Householder Moved Into Unit—Data presented for this item are based on the information 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

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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, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

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.

Type of Vacant Unit—Vacant housing units are classified in this report as either "Seasonal and migratory" or "Year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins; units offered to vacationers in the summer for summer sports or in the winter for winter sports; and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered as year-round. A unit used only occasionally throughout the year is also considered as year-round.

Vacancy Status—The data on vacancy status were tabulated from responses to

questionnaire item C (see item C in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages"). Year-round vacant units are subdivided according to their vacancy status as follows:

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.

Other vacants. If a vacant year-round unit is not "For sale only" or "For rent," it is classified in the category "Other vacants" in this report. This category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner, as well as units rented or sold, awaiting occupancy, and units held for occasional use.

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, "Facsimiles of Respondent Instructions and Questionnaire Pages.") 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, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Race of Householder—The data on race of householder were derived from answers to question 4, for the person listed in column 1. (See Appendix E, "Facsimiles

of Respondent Instructions and Questionnaire Pages.")

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 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 on the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The categories "American Indian," "Eskimo," and "Aleut" include 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 and Pacific Islander" in this report includes persons who indicated their race as Japanese, Chinese, Filipino, Korean, Vietnamese,

Asian Indian, Hawaiian, Guamanian, Samoan, as well as persons who answered the "Other" race category and provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fiji Islander 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.

The category, "Race, n.e.c." (Race, not elsewhere classified) includes all other persons not included in the categories (White, Black, American Indian, Eskimo, Aleut, and Asian and Pacific Islander) mentioned above. For example, householders reporting 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." During sample coding operations each of the subgroups comprising "Race, n.e.c." was identified separately. Plans were to provide figures for the component groups in subsequent 1980 Census of Population reports.

If the race entry was missing on the questionnaire for the householder, 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 Householder—

The data for race of householder shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, non-sampling error, and an additional edit and review performed 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."

During the sample processing, the responses in the race question underwent more extensive review and edit than performed during the previous processing stages. Additional efforts were made to assign write-in entries to specific race categories and to resolve inconsistent and incomplete responses. The impact of this further work varies substantially by racial group and by geographic area, but is generally negligible. Most affected is the "Other" race category since a number of householders originally counted therein in the 100-percent tabulations were shifted into specific race categories in the sample tabulations. For instance, a number of householders who marked the "Other" race category supplied a write-in entry (e.g., Canadian, Polish, Lebanese, Black Puerto Rican, or Jamaican) which indicated that they belonged in one of the specific race categories. Furthermore, householders in the "Other" category reported as Cambodian, Laotian, Thai, etc., were combined into a "Other Asian and Pacific Islander" category which, together with the specific Asian and Pacific Islander categories (e.g., Japanese, Chinese, Filipino, etc.), covers the entire Asian and Pacific Islander population. This total is obtainable only from the sample tabulations, not from the 100-percent tabulations.

Information now available indicates that, since the effects of the additional review and edit were generally limited and rather varied, the 100-percent tabulations are usually the preferable source for comparable data for racial groups. That is, in the case of figures available for racial groups, both in this report and the corresponding HC80-1-A report for this State, 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.) and data for the entire Asian and Pacific Islander population, 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 Race of Householder—Differences

between 1980 and 1970 census counts by race 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 population (shown as "All other races" in most 1970 census 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 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 count 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: Vietna-

mese, 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 Fiji Islander 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 the Hawaiian 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 (see Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages").

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 origins 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 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 Report, 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 the corresponding 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/Hispanic Origin—The 1980 figures on Spanish origin are not directly comparable with those of 1970 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 improvement explain, in part, the large increase in the number of Hispanic over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of 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 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respond-

ents misinterpreted the category; furthermore, the designations "Mexican-Amer." 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.

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.

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, "Facsimiles of Respondent Instructions and Questionnaire Pages.") 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, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

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, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

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. Structures containing only one housing unit are further classified as detached or attached. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (See question H13 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

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, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. Housing units in structures with an elevator used only for

freight are not included in the category "With elevator." (See question H14b in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

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, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

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.

Bathrooms—A complete bathroom is a room with a flush toilet, bathtub or shower, and a wash basin with piped hot and cold water for the exclusive use of the occupants of the housing unit. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and complete plumbing facilities for the exclusive use of the household.) A half-bathroom has at least a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom. The equipment must be inside the unit being enumerated. The category "No bathroom or only a half bath" consists of units with no bathroom facilities, units with only a half-bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units. (See question H25 in Appendix E, "Facsimiles

of Respondent Instructions and Questionnaire Pages.”)

Source of Water—Housing units may receive their water supply from a number of sources. A common source supplying water to six or more units is classified as a “Public system or private company.” The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to six or more housing units. If the water is supplied from a well serving five or fewer housing units, the units are classified as having water supplied by either an individual drilled well or an individual dug well. The category, “Some other source,” includes water obtained from springs, creeks, rivers, lakes, cisterns, etc. (See question H16 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Sewage Disposal—Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are also classified as public sewers. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, “Other means,” includes housing units which dispose of sewage in some other way. (See question H17 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

EQUIPMENT AND FUELS

Kitchen Facilities—A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator. All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An ice box is not considered to be a mechanical refrigerator. (See question H23 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Heating Equipment—Housing units use specific types of heating equipment as their primary source of heat. The categories for types used are: (1) a steam or hot water system; (2) a central warm-air furnace with ducts to the individual rooms; (3) an electric heat pump; (4) other built-in electric units which are permanently installed in the floors, walls, ceilings, or baseboards, and are a part of the electrical installation of the building; (5) a floor, wall, or pipeless furnace; (6) room heaters with flue or vent that burn gas, oil, or kerosene; (7) nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and (8) fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. 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, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

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 into one category “Electric heat pump.”

Air-Conditioning—“Air-conditioning” is defined as the cooling of air by 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, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

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 1-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 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, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

In this report, selected tables present the number of households with automobiles available separately from the number of households with trucks or vans. The figures do not add to the total number of vehicles available because a household may be counted in both categories. For example, a household may have an automobile as well as a truck or van available for use by household members and, thus, be included in the count of households with automobiles and in the count of households with trucks or vans available.

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 excludes pickups or larger trucks. Separate data were obtained in 1980 on the number of households with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Telephone in Housing Unit—A unit is classified as having a telephone if there is a telephone in the living quarters. Units where the respondent uses a telephone

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located inside the building but not in the respondent's living quarters are classified as having no telephone. (See question H26 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Comparability With 1970 Census Telephone Available Data—In 1970, the question on telephone availability was collected on a 100-percent basis. A housing unit was classified as having a telephone if the household had a telephone on which it could be called, whether it was in another unit, in a common hall, in another building, or shared by another household. For 1980, for a housing unit to be classified as having a telephone, the telephone had to be inside the respondent's living quarters.

Fuels Used for House Heating, Water Heating, and Cooking—"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 fuel" 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. For data on cooking fuel, the category "Other" includes fuel oil, kerosene, coal or coke, wood, as well as coal dust, briquettes, etc. (See question H21 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

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. For vacant units, value is the price asked for the property. (See question H11 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") Value and price asked are tabulated separately for certain kinds of housing units. Value statistics are presented for specified owner-occupied hous-

ing units and specified vacant for sale only 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 owner-occupied" universe is the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

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 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, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Rent—This report presents statistics on rent for "Specified renter-occupied" housing units which include renter-occupied units except one-family 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.

Contract Rent—In this report, only median contract rent for specified renter-occupied housing units and median rent asked for specified vacant for rent housing units in rural areas are shown. Contract rent is the monthly, rent agreed to, or contracted for, regardless of any furnishings, utilities,

or services that may be included. For vacant units, it is the rent asked for the unit at the time of enumeration. (See question H12 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

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. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the tabulations. (See questions H12 and H22 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Income in 1979—In this report, only median household income is presented. The median income is the amount which divides the distribution into two equal groups, one having incomes above the median and the other having incomes below the median. The median income is based on the distribution of the total number of households including those with no income. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through Pareto interpolation. For a detailed description of these interpolation procedures, see appendix B to the Current Population Reports, Series P-60, No. 129, *Money Income of Families and Persons in the United States: 1979*.

The data on income in 1979 were derived from answers to questions 32 and 33. Information on money income received in the calendar year 1979 was requested from persons 15 years old and over. "Total 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 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, employees' 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 characteristics of persons and the composition of households and families refer to the time of enumeration (April 1, 1980). However, the composition of most families 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

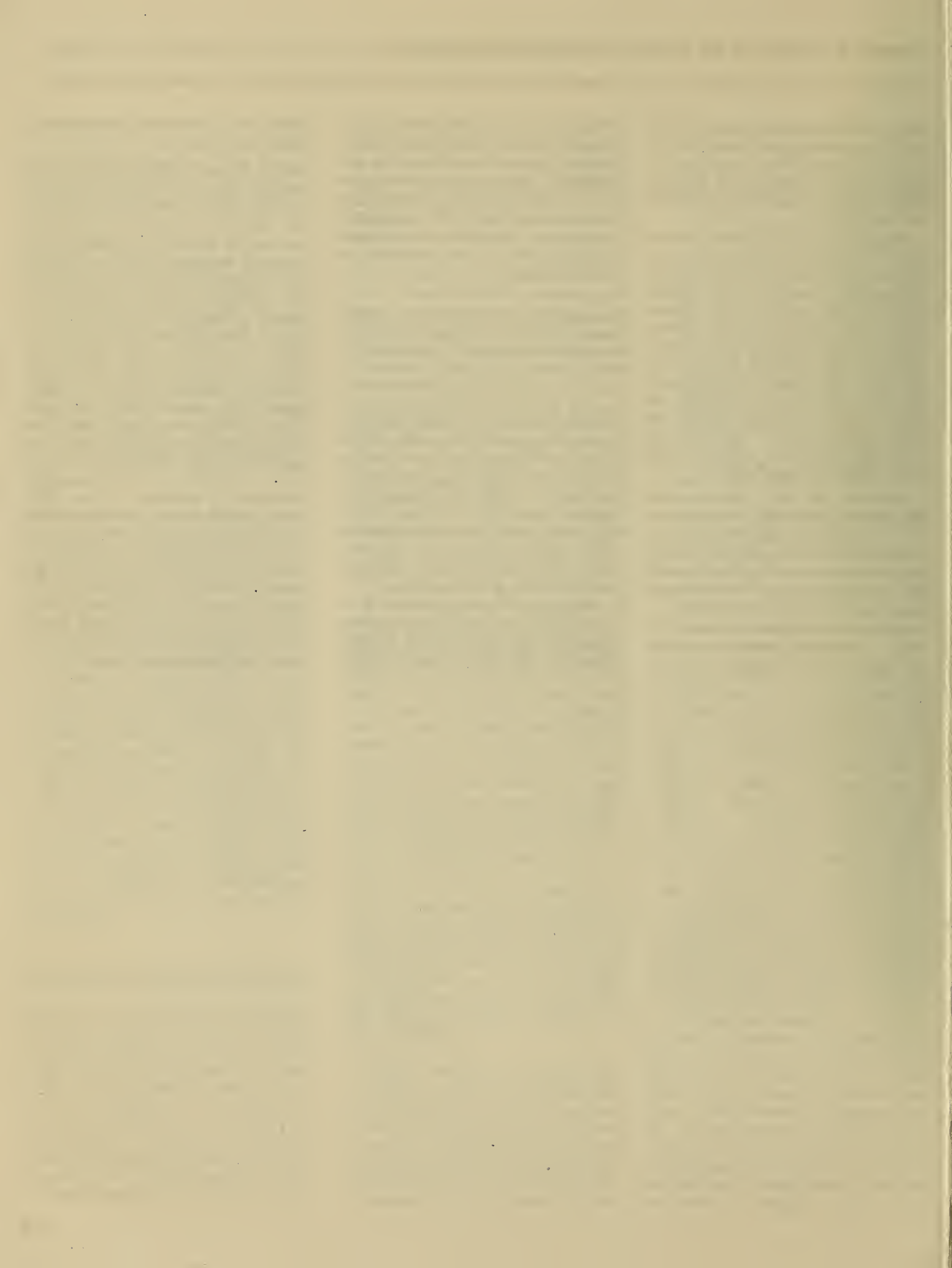
PHC80-3, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, and in the PHC80-S2, *Supplementary Report, Advance Estimates of Social, Economic, and Housing Characteristics*. Any such differences are the result of errors corrected after the release of the PHC80-3 and PHC80-S2 reports.

Comparability With 1970 Census Income Data—In 1970 the statistics on income 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 report, *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 by size of family, number of children, and age of the family householder or unrelated individual. The thresholds 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 cut-offs are updated each year to reflect the change in Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population report, *General Social and Economic Characteristics*, PC80-1-C.



Appendix C.—General Enumeration and Processing Procedures

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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 residents 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 long-term 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 embassy, 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 long-form 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 United States were enumerated on a

questionnaire 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 places, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small places. 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 about 95 percent of the country 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 under-report 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–D (or E) 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 (or table E). 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 (or table E) 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 non-sampling 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_x and Se_y of estimates x and y :

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

This method, however, will underestimate (overestimate) the stand-

ard 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.

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 D (or E). Compute the desired confidence 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:

- (1) 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. The standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. 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

Table 87 shows that for the city of Holland 7,084 housing units out of 9,627 housing units had no air conditioning. Table D of this appendix lists the city of Holland with a percent in sample of 16.2 percent ("Housing units" column). Table C lists the adjustment factor for the characteristic "Air conditioning." The column that gives the range which includes 16.2 percent in sample shows the adjustment factor to be 1.1 for "Air conditioning."

The unadjusted standard error for the estimated total 7,084 is obtained from table A. In order to avoid interpolation, the use of the formula will be demonstrated here. The formula for the unadjusted standard error, *Se*, is:

$$Se = \sqrt{5(7,084) \left(1 - \frac{7,084}{9,662}\right)} = 97 \text{ housing units.}$$

Note: The total number of year-round housing units for Holland city was 9,627.

The standard error of the estimated 7,084 housing units with no air conditioning is found by multiplying the unadjusted standard error 97 by the adjustment factor, which was determined to be 1.1. This yields the estimated standard error of 107 for the total housing units with no air conditioning in Holland city.

The estimated percent of housing units with no air conditioning is 73.6. From table B, the unadjusted standard error is found to be 1.00. Thus, the standard error for the estimated 73.6 percent of housing units with no air conditioning is $1.00 \times 1.1 = 1.1$.

A note of caution concerning numerical values is necessary. Standard errors of percentages derived in this manner are approximate. Calculations can be expressed

to several decimal places, but to do so would indicate more precision in the data than is justifiable. Final results should contain no more than one decimal place when the estimated standard error is one percentage point (i.e., 1.0) or more.

In the previous example, the standard error of the 7,084 housing units with no air conditioning in Holland city was found to be 107. Thus, a 95-percent confidence interval for this estimated total is found to be:

$$[7,084 - 2(107)] \text{ to } [7,084 + 2(107)] \\ \text{or} \\ 6,870 \text{ to } 7,298.$$

One can say with about 95-percent confidence that this interval includes the value that would have been obtained by averaging the results from all possible samples.

The calculation of standard errors and confidence intervals will be illustrated when a difference of two sample estimates is obtained. For example, the number of housing units with no air conditioning in Ferndale city was 5,570, and the total number of housing units was 10,167. Thus, the percentage of housing units with no air conditioning was 54.8. The unadjusted standard error from table B is 1.10 percent. Table D lists Ferndale city with a percent in sample of 16.3. From table C, the column that gives the range which includes 16.3 percent in sample shows the adjustment factor to be 1.1 for "Air conditioning." Thus, the approximate standard error of the percentage (54.8 percent) is $1.1 \times 1.1 = 1.21$.

Suppose that one wishes to obtain the standard error of the difference between Holland city and Ferndale city of the percentages of housing units with no air conditioning.

The difference in the percentages of interest for the two cities is:

$$73.6 - 54.8 = 18.8 \text{ percent.}$$

Using the results of the previous example:

$$Se(18.8) = \sqrt{(Se(73.6))^2 + (Se(54.8))^2} \\ = \sqrt{(1.1)^2 + (1.21)^2} \\ = 1.64 \text{ percent.}$$

The 95-percent confidence interval for the difference is formed as before:

$$[18.8 - 2(1.64)] \text{ to } [18.8 + 2(1.64)]$$

or

$$15.5 \text{ to } 22.1.$$

One can say with 95-percent confidence that the interval includes the difference that would have been obtained by averaging the results from all possible samples.

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 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*

- 1 2 persons in housing unit
- 2 3 persons in housing unit
- 3 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

- 11 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 groups 1 to 8

Persons Not of Spanish Origin

- 17-32 Same age and sex categories as group 1 to 16

Black Race

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

Asian, Pacific Islander Race

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

Indian (American) or 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 household-type 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

3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
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

	<i>Persons Not of Spanish Origin</i>
9-16	Same value categories as groups 1 to 8

	<i>Black Race</i>
17-32	Same value—Spanish origin categories as groups 1 to 16
	<i>Asian, Pacific Islander Race</i>
33-48	Same value—Spanish origin categories as groups 1 to 16

	<i>Indian (American) or Eskimo or Aleut Race</i>
49-64	Same value—Spanish origin categories as groups 1 to 16
	<i>Other Race (includes those races not listed above)</i>

65-80	Same value—Spanish origin categories as groups 1 to 16
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Renter	White Race
	<i>Persons of Spanish Origin Rent Categories</i>

81	\$1 to \$59
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82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin

92-102	Same rent categories as groups 81 to 91
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Black Race

103-124	Same rent—Spanish origin categories as groups 81 to 102
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Asian, Pacific Islander Race

125-146	Same rent—Spanish origin categories as groups 81 to 102
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Indian (American) or Eskimo or Aleut Race

147-168	Same rent—Spanish origin categories as groups 81 to 102
---------	---

Other Race (includes those races not listed above)

169-190	Same rent—Spanish origin categories as groups 81 to 102
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VACANT HOUSING UNITS

Group	
1	Vacant for Rent
2	Vacant for Sale
3	Other Vacant

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the

complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some households or persons 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 prec canvass 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 household. In addition, respondents' 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, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be 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 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 num-

ber 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 population and 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 was still missing at the time the questionnaire reached the central processing offices, the characteristic 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, the general procedure for changing unacceptable entries was to assign an entry for a housing unit that was consistent with entries for other housing units with similar characteristics. 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 renter-occupied unit. The assignment of acceptable codes in place

of blanks or unacceptable entries, it is believed, enhances the usefulness of the data.

Specific tolerances were established for the number of computer allocations and substitutions 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 allocation on the individual subject characteristics may be found in tables B-1 and B-2 which follow table 102.

For all characteristics except vehicles available, the allocation rates shown are obtained by dividing the number of housing units with the characteristics allocated by the number of year-round or occupied units. The allocation rates for vehicles available are the sum of the rates for the two component parts—automobiles available and vans or trucks available.

Table A. Unadjusted Standard Errors for Estimated Totals

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

Estimated Total ^{1/}	Size of publication area ^{2/}													
	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	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	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.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

^{2/} The total count of persons in the area if the estimated total is a person characteristic, or the total count of housing units in the area if the estimated total is a housing unit characteristic.

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

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

Estimated Percentage	Base of percentage ^{1/}													
	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	0.2	0.2	

^{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.

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

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Occupancy and vacancy status.....	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	0.9	0.5
Passenger elevator.....	0.8	0.8	0.4
Source of water.....	1.0	0.9	0.5
Sewage disposal.....	1.1	1.0	0.6
Year structure built.....	1.0	0.8	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.2	0.9	0.5
Kitchen facilities.....	1.0	0.8	0.5
Number of bedrooms or bathrooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent.....	1.1	0.8	0.5
Mortgage status and selected monthly owner cost.....	1.1	0.9	0.5
Income.....	1.0	0.9	0.5
Poverty status.....	1.1	0.9	0.5
Complete plumbing facilities for exclusive use with 1.01 persons per room or more.....	1.0	0.8	0.5

Table D. Percent of Housing Units in Sample: 1980

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

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties American Indian Reservations	Housing units		The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties American Indian Reservations	Housing units		The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties American Indian Reservations	Housing units	
	100-percent count	Percent in sample		100-percent count	Percent in sample		100-percent count	Percent in sample
The State	3 589 912	21.8	URBANIZED AREAS—Con.					
URBAN AND RURAL AND SIZE OF PLACE			Muskegon—Muskegon Heights, Mich.	39 798	15.9	Gibraltar city	1 623	16.6
Urban	2 436 806	16.0	Parl Huron, Mich.	22 888	17.2	Gladstone city	1 778	16.0
Inside urbanized areas	2 145 255	15.9	Saginow, Mich.	53 271	16.6	Grand Blanc city	2 764	15.7
Central cities	841 029	15.4	South Bend, Ind.—Mich.	87 186	16.1	Grand Haven city	4 878	16.3
Urban fringe	1 304 226	16.3	Indiana (pt.)	77 804	16.1	Grand Ledge city	2 786	16.2
Outside urbanized areas	291 551	16.4	Michigan (pt.)	9 382	16.4	Grand Rapids city	69 888	16.0
Places of 10,000 or more	103 472	15.8	Toledo, Ohio—Mich.	190 413	16.6	Grandville city	4 273	16.1
Places of 2,500 to 10,000	188 079	16.7	Michigan (pt.)	4 553	16.1	Greenville city	3 248	16.0
Rural	1 153 106	34.1	Ohio (pt.)	185 860	16.6	Grosse Pointe city	2 463	16.1
Places of 1,000 to 2,500	100 006	40.5	PLACES OF 2,500 OR MORE			Grosse Pointe Farms city	3 869	18.7
Other rural	1 053 100	33.4	Adrian city	7 642	15.8	Grosse Pointe Park city	4 990	16.3
Form	—	—	Albion city	3 789	16.0	Grosse Pointe Shores village	1 057	17.9
INSIDE AND OUTSIDE SMSA's			Algonac city	1 694	16.4	Grosse Pointe Woods city	6 658	16.4
Inside SMSA's	2 811 165	18.0	Allegan city	1 713	16.6	Hamtramck city	10 322	15.1
Urban	2 269 768	16.0	Allen Park city	12 135	16.3	Hancock city	1 983	16.1
Central cities	862 440	15.4	Alma city	3 244	16.5	Harper Woods city	6 595	16.7
Not in central cities	1 407 328	16.4	Alpena city	4 874	15.5	Hoslett (CDP)	3 331	16.2
Rural	541 397	26.4	Ann Arbor city	40 153	15.9	Hostings city	2 508	16.1
Outside SMSA's	778 747	35.5	Bad Axe city	1 268	16.2	Hazel Park city	7 710	16.0
Urban	167 038	15.9	Battle Creek city	15 101	15.8	Highland Park city	11 727	14.3
Rural	611 709	40.9	Bay City city	16 320	15.9	Hillsdale city	2 893	16.1
SCSA's			Beecher (CDP)	5 524	15.1	Holland city	9 662	16.2
Detroit—Ann Arbor, Mich.	1 692 922	16.4	Belding city	2 010	16.3	Holly village	1 722	16.4
Urban	1 540 504	15.8	Belleville city	1 496	16.3	Holt (CDP)	3 796	16.3
Rural	152 418	22.4	Benton Harbor city	5 182	15.3	Houghton city	1 818	16.1
SMSA's			Benton Heights (CDP)	2 483	15.9	Howell city	2 859	15.5
Ann Arbor, Mich.	98 172	18.1	Berkley city	6 747	16.4	Hudson city	930	16.1
Urban	78 208	15.9	Bessemer city	1 183	15.2	Hudsonville city	1 637	16.4
Rural	19 964	26.7	Beverly Hills village	4 041	16.3	Huntington Woods city	2 469	16.3
Battle Creek, Mich.	73 383	25.4	Big Rapids city	3 359	15.5	Inkster city	12 251	15.9
Urban	40 114	15.9	Birmingham city	9 308	15.9	Ionia city	2 347	16.0
Rural	33 269	36.8	Blissfield village	1 176	16.6	Iron Mountain city	3 643	15.5
Bay City, Mich.	43 395	20.0	Bloomfield Hills city	1 360	16.5	Ironwood city	3 504	15.4
Urban	29 424	16.6	Boyer City city	1 563	16.1	Ishpeming city	3 298	16.1
Rural	13 971	27.0	Brighton city	1 875	16.7	Ithaca city	1 118	16.4
Benton Harbor, Mich.	68 578	20.4	Brownlee Park (CDP)	1 199	15.9	Jackson city	15 943	16.2
Urban	37 030	16.7	Buchanan city	2 080	15.9	Jenison (CDP)	4 673	16.4
Rural	31 728	24.7	Burton city	10 633	15.6	Kalamazoo city	30 207	15.9
Detroit, Mich.	1 594 750	16.3	Cadillac city	4 098	15.9	Keego Harbor city	1 324	15.7
Urban	1 462 296	15.8	Carleton village	967	48.5	Kentwood city	12 110	16.0
Rural	132 454	21.8	Caro village	777	16.0	Kingsford city	2 099	16.1
Flint, Mich.	187 453	17.4	Cedar Springs city	940	47.9	K. I. Sawyer AFB (CDP)	1 886	16.2
Urban	138 150	15.6	Center Line city	3 642	16.5	Lake Fenton (CDP)	1 202	16.0
Rural	49 303	22.4	Charlevoix city	1 779	15.6	Lake Orion village	1 224	15.7
Grand Rapids, Mich.	219 242	18.1	Charlotte city	3 176	16.4	Lake Orion Heights (CDP)	1 375	15.3
Urban	160 896	16.5	Cheboygan city	2 049	16.0	Lakeview (CDP)	4 925	15.9
Rural	58 346	22.5	Chelsea village	1 386	18.8	Lombertville (CDP)	1 895	16.5
Jackson, Mich.	55 740	21.4	Chesaning village	959	16.8	L'Anse village	993	14.6
Urban	29 501	16.3	Clare city	1 420	16.3	Lansing city	51 948	17.3
Rural	26 239	27.0	Clawson city	5 509	16.6	Lapeer city	2 580	16.4
Kalamazoo—Portage, Mich.	108 614	21.6	Clio city	1 114	15.4	Lathrup Village city	1 545	16.4
Urban	63 197	16.4	Coldwater city	3 848	16.4	Laurium village	1 151	15.4
Rural	45 417	28.8	Comstock Park (CDP)	1 947	16.5	Level Park—Oak Park (CDP)	1 164	16.1
Lansing—East Lansing, Mich.	167 119	22.7	Coopersville city	1 011	49.4	Lincoln Park city	16 854	16.3
Urban	114 511	16.7	Corunna city	1 117	15.9	Livonia city	33 012	16.3
Rural	52 608	35.8	Cutlerville (CDP)	3 116	16.5	Lowell city	1 297	16.6
Muskegon—Norton Shores—Muskegon Heights, Mich.	69 635	24.1	Davison city	2 507	15.8	Ludington city	3 821	15.4
Urban	42 291	15.9	Dearborn city	35 692	16.1	Madison Heights city	13 025	16.4
Rural	27 344	36.8	Dearborn Heights city	23 499	16.3	Manistee city	3 247	16.3
Saginow, Mich.	79 543	19.6	Detroit city	471 412	14.9	Manistique city	1 633	16.1
Urban	55 584	16.6	De Witt city	1 029	16.5	Marine City city	1 687	15.9
Rural	23 959	26.6	Dowagiac city	2 440	16.1	Marquette city	8 259	14.8
Toledo, Ohio—Mich.	304 459	19.5	Dundee village	997	16.1	Marshall city	2 870	16.6
Urban	224 504	16.8	Durand city	1 455	16.5	Marysville city	2 670	16.0
Rural	79 955	26.9	East Detroit city	13 458	16.4	Mason city	2 153	16.4
Michigan (pt.)	45 361	18.9	East Grand Rapids city	3 825	16.2	Melvindale city	4 756	16.3
Urban	18 566	19.0	East Lansing city	13 119	16.0	Menominee city	4 238	15.9
Rural	26 795	18.7	East Towos city	1 347	13.7	Michigan Center (CDP)	1 940	16.4
Ohio (pt.)	259 098	19.6	Eastwood (CDP)	2 949	16.2	Midland city	13 790	16.6
Urban	205 938	16.6	Eaton Rapids city	1 700	16.3	Milan city	1 554	23.7
Rural	53 160	31.0	Ecorse city	5 394	15.2	Milford village	1 778	16.3
URBANIZED AREAS			Escanaba city	5 856	15.5	Monroe city	8 392	15.7
Ann Arbor, Mich.	80 018	15.8	Essexville city	1 536	15.8	Mount Clemens city	7 363	15.8
Battle Creek, Mich.	30 947	15.8	Fair Plain (CDP)	3 452	16.0	Mount Morris city	1 282	15.8
Bay City, Mich.	29 321	16.5	Farmington city	4 595	16.2	Mount Pleasant city	6 442	15.0
Benton Harbor, Mich.	23 377	17.1	Farmington Hills city	21 551	16.3	Muskegon city	1 284	16.3
Detroit, Mich.	1 405 405	15.8	Fenton city	2 854	16.3	Muskegon Heights city	16 350	15.9
Flint, Mich.	124 026	15.5	Ferndale city	10 175	16.3	Muskegon Heights city	5 408	15.9
Grand Rapids, Mich.	139 516	16.1	Flat Rock city	2 364	16.4	Negunee city	2 154	16.1
Jackson, Mich.	29 501	16.3	Flint city	60 976	15.2	New Baltimore city	2 118	15.8
Kalamazoo, Mich.	59 192	16.4	Flushing city	3 021	16.1	New Buffalo city	1 167	16.2
Lansing, Mich.	94 060	16.8	Frankenmuth city	1 354	16.5	Niles city	5 522	16.0
			Franklin village	993	16.7	North Muskegon city	1 558	15.9
			Fraser city	4 832	16.6	Northview (CDP)	4 072	15.9
			Fremont city	1 546	18.3	Northville city	2 153	16.0
			Garden City city	11 329	16.3	Norton Shores city	8 023	15.4
			Gaylord city	1 190	15.4	Norway city	1 255	15.9
						Novi city	8 667	16.9

Table D. Percent of Housing Units in Sample: 1980—Con.

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

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties American Indian Reservations			The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties American Indian Reservations			The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties American Indian Reservations		
Housing units			Housing units			Housing units		
100-percent count	Percent in sample		100-percent count	Percent in sample		100-percent count	Percent in sample	
PLACES OF 2,500 OR MORE—Con.			COUNTIES—Con.			AMERICAN INDIAN RESERVATIONS—Con.		
Oak Park city	11 296	16.4	Baraga	4 270	28.4	Ontonagon Reservation, Mich.	1	—
Okemos (CDP)	3 394	14.2	Barry	19 149	35.3	Ontonagon County (pt.)	1	—
Otsego city	1 492	16.6	Bay	43 395	20.0	Pine Creek Reservation, Mich.	—	—
Owosso city	6 382	16.5	Benzie	7 509	47.8	Calhoun County (pt.)	—	—
Oxford village	1 099	16.1	Berrien	68 758	20.4	Sault Ste. Marie Reservation, Mich.	—	—
Patterson Gardens (CDP)	1 160	16.0	Branch	17 997	35.9	Chippewa County (pt.)	—	—
Paw Paw village	1 351	16.1	Calhoun	54 234	21.9			
Paw Paw Lake (CDP)	2 063	16.1	Cass	21 583	28.7			
Pearl Beach (CDP)	1 438	16.3	Charlevoix	11 117	38.4			
Petaskey city	2 607	16.3	Cheboygan	12 488	42.8			
Plainwell city	1 411	16.7	Chippewa	16 411	34.0			
Pleasant Ridge city	1 191	16.5	Clare	18 544	37.1			
Plymouth city	4 099	16.6	Clinton	18 468	29.7			
Pontiac city	27 745	14.9	Crawford	7 489	27.8			
Portage city	13 663	16.0	Delta	16 905	28.3			
Port Huron city	13 394	16.2	Dickinson	11 250	22.5			
Portland city	1 402	16.5	Eaton	31 522	27.0			
Richmond city	1 282	16.0	Emmet	12 506	36.8			
River Rouge city	5 045	15.6	Genesee	162 989	16.1			
Riverview city	4 733	16.0	Gladwin	13 509	45.2			
Rochester city	3 436	15.9	Gogebic	10 112	29.6			
Rockford city	1 219	16.3	Grand Traverse	23 613	21.9			
Rockwood city	1 076	14.6	Grafton	14 278	34.2			
Rogers City city	1 532	15.1	Hillsdale	17 095	36.0			
Romeo village	1 370	16.4	Houghton	16 470	30.3			
Romulus city	8 160	15.8	Huron	17 852	46.0			
Roosevelt Park city	1 695	16.4	Ingham	99 517	18.2			
Roseville city	18 491	16.5	Ionia	17 612	33.1			
Royal Oak city	28 785	16.4	Iosco	18 006	30.4			
Saginaw city	28 747	15.7	Iron	7 739	42.6			
St. Clair city	1 833	16.3	Isabella	18 167	29.6			
St. Clair Shores city	27 154	16.5	Jackson	55 740	21.4			
St. Ignace city	1 134	16.0	Kalamazoo	79 813	17.9			
St. Johns city	2 641	17.0	Kalkaska	7 596	41.5			
St. Joseph city	4 574	16.2	Kent	165 282	17.5			
St. Louis city	1 526	16.4	Keweenaw	2 149	48.7			
Saline city	2 314	16.2	Lake	10 518	48.6			
Sault Ste. Marie city	5 743	16.1	Lapeer	23 026	24.9			
Southfield city	31 289	16.2	Leelanau	9 073	43.1			
Southgate city	11 327	15.9	Lenawee	33 750	26.7			
South Haven city	2 654	16.5	Livingston	34 951	19.5			
South Lyon city	2 144	15.9	Luce	3 574	47.2			
South Monroe (CDP)	1 607	16.1	Mackinac	7 624	43.2			
Sparto village	1 263	15.8	Macomb	236 602	16.6			
Springfield city	2 410	16.0	Manistee	12 235	36.7			
Springfield Place (CDP)	1 725	16.5	Marquette	30 530	24.6			
Spring Lake village	1 078	16.2	Mason	13 228	38.3			
Sterling Heights city	34 517	16.4	Mecosta	15 516	40.2			
Sturgis city	3 934	16.2	Menominee	11 545	31.8			
Swartz Creek city	1 747	15.7	Midland	26 355	26.4			
Taylor city	25 355	16.3	Missaukee	6 116	47.7			
Tecumseh city	2 723	16.3	Monroe	45 361	18.9			
Three Rivers city	2 868	15.8	Montcalm	20 886	42.5			
Traverse City city	6 068	15.3	Montmorency	7 886	48.0			
Trenton city	7 945	16.4	Muskegon	58 241	19.7			
Troy city	23 750	16.3	Newaygo	18 306	45.4			
Utica city	1 952	16.1	Oakland	373 250	16.3			
Vandercook Lake (CDP)	1 762	16.2	Oceano	11 394	46.8			
Vassar city	1 039	15.9	Ogemaw	12 977	46.7			
Wokefield city	1 062	16.1	Ontonagon	5 042	47.9			
Walker city	5 629	15.7	Osceola	9 927	47.7			
Walled Lake city	1 906	16.1	Oscoda	7 308	47.4			
Warren city	54 532	16.4	Otsego	9 078	35.6			
Waterford (CDP)	23 800	15.7	Ottawa	53 960	20.0			
Wayne city	7 280	16.3	Presque Isle	8 361	39.7			
Westland city	29 963	16.3	Roscommon	17 925	29.9			
Westwood (CDP)	3 742	15.4	Saginaw	79 543	19.6			
Whitehall city	1 114	16.2	St. Clair	51 903	23.2			
White Lake—Seven Harbors (CDP)	2 532	16.2	St. Joseph	22 479	28.1			
Whitmore Lake (CDP)	1 170	15.0	Sonilac	18 492	46.2			
Williamston city	1 207	16.0	Schoolcraft	4 974	37.7			
Wixom city	3 571	15.2	Shiawassee	24 464	26.1			
Wolf Lake (CDP)	1 379	16.4	Tuscola	20 052	33.4			
Wolverine Lake village	1 616	16.2	Van Buren	28 801	31.9			
Woodhaven city	3 592	15.8	Washtenaw	98 172	18.1			
Wurtsmith AFB (CDP)	1 353	15.7	Wayne	875 018	15.5			
Wyandotte city	13 287	16.3	Wexford	11 575	36.5			
Wyoming city	22 703	16.3						
Ypsilanti city	9 107	15.6						
Zeeland city	1 805	16.1						
COUNTIES			AMERICAN INDIAN RESERVATIONS					
Alcona	9 376	48.0	Bay Mills Reservation, Mich.	102	39.2			
Alger	5 067	40.2	Chippewa County (pt.)	102	39.2			
Allegan	31 864	31.6	Hannahville Community, Mich.	46	50.0			
Aipeno	13 977	27.0	Menominee County (pt.)	46	50.0			
Antrim	10 781	46.5	Isabella Reservation, Mich.	8 451	27.8			
Arenac	7 695	49.1	Isabella County (pt.)	8 451	27.8			
			L'Anse Reservation, Mich.	1 256	28.5			
			Baraga County (pt.)	1 256	28.5			

Table E. Percent of Housing Units in Sample for Towns/Townships: 1980

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

Towns/Townships of 2,500 or More	Housing units		Towns/Townships of 2,500 or More	Housing units		Towns/Townships of 2,500 or More	Housing units	
	100-percent count	Percent in sample		100-percent count	Percent in sample		100-percent count	Percent in sample
Acme township	1 198	15.4	Calama township	2 204	16.2	Henrietta township	1 404	15.9
Ada township	2 033	15.3	Calan township	1 476	28.0	Highland township, Oakland County	5 668	15.7
Addison township	1 537	18.9	Columbia township, Jackson County	2 973	21.5	Holland township, Ottawa County	4 746	16.3
Adrian township	1 480	15.7	Calumbus township, St. Clair County	968	48.2	Holly township	3 022	16.3
Alaiedan township	935	16.3	Commerce township	7 917	16.2	Hame township, Macomb County	1 007	48.4
Alamo township	956	15.9	Camstack township	3 787	16.1	Hamer township, Calhoun County	1 094	36.7
Albee township	799	15.5	Constantine township	1 376	31.0	Hamer township, Midland County	1 471	16.1
Algama township	1 443	16.3	Cooper township	2 756	16.7	Hape township, Barry County	1 390	49.0
Allegan township	1 380	16.7	Cottrellville township	1 195	48.8	Howard township	2 399	16.0
Allendale township	1 720	16.0	Courtland township	1 133	15.5	Howell township	1 202	16.1
Almena township	1 042	47.2	Covert township	1 315	15.1	Huron township, Wayne County	3 282	15.9
Almer township	939	15.4	Crockery township	1 215	15.1	Ida township	1 355	16.3
Almant township	1 314	33.2	Dalton township	2 113	20.3	Independence township	6 889	17.0
Alpena township	4 293	16.0	Davison township	5 029	16.2	Indianfields township	2 511	16.3
Alpine township	3 305	16.3	Decatur township	1 354	34.3	Ingersall township	943	17.0
Ann Arbor township	1 062	19.2	Deerfield township, Lapeer County	1 664	16.3	Ionia township	1 017	48.5
Antwerp township	2 748	33.1	Deerfield township, Livingston County	922	47.3	Ira township	1 762	16.2
Arbela township	969	16.0	Delhi township	6 215	16.4	Ishpeming township	1 440	16.1
Argentine township	1 585	15.8	Delta township	8 691	16.3	Jamestown township	1 035	15.7
Armada township	1 209	48.6	Denmark township	1 265	28.9	Jefferson township, Hillsdale County	1 409	15.3
Ash township	2 556	28.5	Denton township	3 357	14.8	Jerome township	1 604	22.6
Atlas township	1 479	22.3	De Witt township	3 601	16.5	Jahnstown township	1 189	15.7
Attica township	1 167	16.8	Dexter township	1 650	15.6	Kalamazoo township	8 642	15.6
Augusta township	1 452	16.0	Dorr township	1 414	16.1	Kalkaska township	1 582	27.2
Avon township	14 598	16.4	Dryden township	963	24.2	Kawkawlin township	1 705	16.2
Bagley township	2 227	15.2	Dundee township	1 877	16.2	Keeler township	1 688	47.8
Bainbridge township	1 264	14.7	East Bay township	2 889	15.4	Kimball township	2 341	16.1
Bangor township, Bay County	6 142	15.7	East China township	1 178	48.5	Kachville township	853	49.4
Baraga township	1 248	27.0	Easton township	787	16.3	La Grange township	1 487	31.1
Barada township	1 026	23.7	Eaton township	1 048	16.1	Laketown township	2 186	15.9
Barry township	1 258	15.9	Eaton Rapids township	886	48.4	Laketown township	1 511	13.6
Bath township	1 914	15.8	Egelston township	2 480	16.3	L'Anse township	1 803	15.8
Battle Creek township	7 874	16.1	Elba township, Lapeer County	1 428	16.2	Lansing township	4 437	16.4
Bear Creek township	1 784	15.9	Elkland township	1 282	38.5	Lapeer township	1 330	16.3
Beaver township, Bay County	876	48.1	Elmwood township, Leelanau County	1 256	15.8	Larkin township	1 016	48.0
Bedford township, Calhoun County	3 354	16.0	Emmett township, Calhoun County	4 272	15.8	La Salle township	1 591	16.3
Bedford township, Monroe County	7 219	16.2	Erie township	1 547	15.9	Lawrence township	1 414	24.7
Bellevue township	977	32.9	Esconaba township	1 071	16.1	Lee township, Midland County	1 090	50.0
Bennington township	851	49.0	Exeter township	1 021	21.4	Leighton township	991	49.8
Benton township, Berrien County	7 430	15.7	Fabius township	1 425	16.1	Lenox township	1 532	26.9
Berlin township, Ionia County	685	48.9	Fayette township	1 232	40.3	Leoni township	5 029	16.5
Berlin township, Monroe County	2 201	26.0	Fenton township	4 160	22.3	Le Roy township	993	16.3
Berrien township	1 739	15.8	Flint township	13 863	15.9	Leroy township	1 122	31.4
Birch Run township	1 765	24.7	Flushing township	2 889	16.3	Lexington township	1 763	28.1
Blackman township	5 540	16.4	Forest township, Genesee County	1 304	22.6	Lima township	844	49.9
Blair township	1 715	15.7	Farsyth township	3 982	16.0	Lincoln township, Berrien County	5 049	19.4
Blendon township	1 121	16.2	Fort Gratiot township	3 024	16.2	Lackpart township	1 199	48.1
Blissfield township	1 417	16.6	Frankenlust township	1 001	48.9	Ladi township	929	47.9
Bloomfield township, Oakland County	14 728	16.5	Fraser township	1 343	15.6	Landon township	939	16.7
Boston township	1 442	28.6	Fremont township, Tuscola County	962	27.8	Long Lake township	1 806	38.2
Brady township, Kalamazoo County	1 410	16.1	Frenchtown township	6 366	16.1	Lawell township	1 212	15.5
Brandon township	3 111	20.1	Fruitland township	1 659	16.0	Lyon township, Oakland County	2 559	15.7
Breitung township	1 818	15.5	Fruitpart township	3 427	20.3	Lyons township	1 068	36.8
Bridgeport township	4 512	15.9	Gaines township, Genesee County	1 544	19.4	McMillan township, Luce County	1 896	46.5
Brighton township	3 649	16.3	Gaines township, Kent County	3 419	16.3	Macomb township	4 951	16.4
Brownstown township	6 373	16.1	Garfield township, Grand Traverse County	3 452	15.8	Madison township	1 686	15.6
Bruce township, Macomb County	1 825	16.2	Genesee township	8 737	15.9	Mancelona township	1 471	45.5
Buchanan township	1 343	15.9	Geneva township, Van Buren County	1 152	16.1	Manchester township	1 233	33.0
Buena Vista township	4 483	16.3	Genoa township	3 359	16.2	Manistee township	1 270	21.7
Burns township	964	24.3	Georgetown township	7 615	16.5	Maple Grove township, Saginaw County	800	16.9
Burr Oak township	923	48.8	Grand Blanc township	8 600	16.0	Marathon township	1 440	26.7
Burtchville township	1 625	49.0	Grand Haven township	2 579	16.4	Marian township, Livingston County	1 410	16.0
Byron township	3 551	16.5	Grand Rapids township	2 979	15.8	Marlette township	1 399	32.9
Caledonia township, Kent County	1 668	21.8	Gross Lake township	1 265	25.1	Marquette township, Marquette County	1 048	46.9
Caledonia township, Shiawassee County	1 618	16.3	Grattan township	1 094	48.6	Marshall township	887	49.5
Calumet township	3 701	20.7	Grayling township	2 987	14.5	Mayfield township, Lapeer County	2 156	16.0
Cambridge township	2 081	21.3	Green township, Mecosta County	1 101	47.0	Mendon township	1 109	46.0
Cannan township	1 754	15.8	Green Lake township	1 584	43.3	Menominee township	1 515	15.6
Canton township	16 685	16.1	Green Oak township	3 508	14.7	Meridian township	11 621	15.7
Carrallan township	2 508	16.1	Grosse Ile township	3 111	15.6	Metamora township	1 103	20.9
Cascade township	3 305	16.0	Grasse Pointe township	1 007	16.2	Millard township	3 406	16.3
Casca township, Allegan County	1 580	15.9	Graveland township	1 287	16.5	Millington township	1 446	26.8
Casca township, St. Clair County	1 391	16.1	Gunplain township	1 486	16.2	Mills township, Ogemaw County	3 075	48.6
Castleton township	1 312	30.9	Hadley township	1 026	16.0	Manitar township	3 412	16.1
Chesaning township	1 700	16.8	Hagar township	2 289	15.9	Monroe township, Monroe County	4 258	16.2
Chesterfield township	6 075	15.8	Hamburg township	4 496	14.7	Monroeville township	1 020	48.7
Chikaming township	3 092	14.6	Hamlin township, Mason County	1 809	48.4	Montrase township	2 452	24.1
Chippewa township, Isabella County	1 331	15.3	Hampton township	3 895	16.6	Mount Morris township	9 169	15.6
Chocalay township	2 256	14.8	Handy township	1 633	16.2	Mundy township	3 639	16.1
Clay township	4 314	16.5	Hanover township, Jackson County	1 308	20.9	Muskegon township	5 003	16.3
Clayton township, Genesee County	2 436	16.4	Haring township	879	47.4	Mussey township	981	33.9
Clinton township, Lenawee County	1 257	40.5	Harrison township	9 332	15.6	Napoleon township	2 345	16.5
Clinton township, Macomb County	24 752	16.0	Hartford township	1 040	16.0	Nelson township	884	47.9
Clyde township, St. Clair County	1 451	17.1	Hartland township	1 985	16.0	New Buffalo township	1 683	26.7
Coe township	1 095	32.3	Hastings township	905	48.2	Niles township	4 738	16.5
Caldwater township, Branch County	1 636	16.8	Hayes township, Clare County	3 479	15.6	North Branch township	902	28.5

Table E. Percent of Housing Units in Sample for Towns/Townships: 1980—Con.

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

Towns/Townships of 2,500 or More	Housing units		Towns/Townships of 2,500 or More	Housing units	
	100-percent count	Percent in sample		100-percent count	Percent in sample
Northfield township	1 628	16.6	Surrey township	1 733	21.8
Northville township	4 059	15.6	Swan Creek township	794	18.3
Nattawa township, St. Joseph County	1 216	26.2	Sylvan township, Washtenaw County	2 016	15.7
Oakfield township	1 310	49.5	Tallmadge township	1 835	15.3
Oakland township	2 370	16.0	Taymouth township	1 368	15.7
Oceola township	1 322	15.9	Texas township	1 902	16.1
Odessa township	1 422	37.0	Thetford township	2 817	16.1
Oneida township	1 149	16.3	Thomas township	3 550	16.5
Ontanagon township	1 539	48.5	Thornapple township	1 424	29.6
Ontwa township	2 341	22.6	Three Oaks township	1 127	35.3
Orangeville township	1 364	50.2	Tittabawassee township	1 655	16.1
Oregon township	1 737	16.5	Tyrone township, Kent County	1 089	27.3
Orion township	7 981	15.9	Tyrone township, Livingston County	1 960	16.9
Orancko township	3 508	21.9	Unadilla township	998	45.2
Oscoda township	5 575	23.2	Union township, Branch County	1 095	34.2
Oshema township	5 007	16.4	Union township, Isabella County	1 955	15.8
Otsego township	1 514	15.9	Van Buren township	7 041	16.2
Ovid township, Clinton County	1 102	34.4	Vassar township	1 131	16.3
Owosso township	1 655	16.6	Venice township	982	21.2
Oxford township	3 699	16.2	Vernon township, Shiawassee County	1 703	34.5
Park township, Ottawa County	3 919	16.0	Vevay township	1 004	15.6
Park township, St. Joseph County	1 018	16.6	Vienna township, Genesee County	4 224	16.2
Parma township	893	49.0	Washington township, Macomb County	3 322	16.0
Pavilion township	1 810	16.1	Waterford township	23 866	15.8
Paw Paw township	2 864	15.8	Watertown township, Clinton County	1 180	16.0
Peninsula township	1 850	16.7	Watervliet township	1 555	16.1
Pennfield township	3 292	16.0	Wayne township	1 139	15.0
Perry township	1 151	23.6	Webster township	962	46.8
Pinckning township	1 058	15.6	Wells township, Delta County	1 728	15.8
Pittsford township	5 797	16.1	West Bloomfield township	13 632	16.2
Plainfield township, Iosco County	3 742	16.1	Wheeler township	1 191	32.0
Plainfield township, Kent County	7 150	16.0	Whiteford township	1 530	16.3
Plymouth township	7 778	16.1	White Lake township	7 569	15.7
Pontiac township	5 469	15.4	White Pigeon township	1 629	26.5
Portage township, Houghton County	1 396	16.0	Williams township	1 423	17.1
Porter township, Cass County	1 931	16.1	Williamston township	1 239	16.6
Port Huron township	2 685	16.6	Windsor township	2 068	22.1
Partsmouth township	1 409	16.5	Woodhull township	1 075	16.7
Prairieville township	1 287	16.2	Woodstock township	1 502	22.1
Putnam township	2 084	23.6	Warth township	2 505	49.2
Quincy township, Branch County	1 967	27.0	Wright township, Ottawa County	977	16.1
Raisin township	1 715	16.4	York township	1 218	16.4
Raisinville township	1 466	16.0	Ypsilanti township	17 259	15.7
Ray township	954	16.5	Zeeland township	1 224	16.2
Redford township	20 309	16.3			
Richfield township, Genesee County	2 164	16.5			
Richfield township, Roscommon County	3 333	15.1			
Richland township, Kalamazoo County	1 687	20.0			
Richland township, Saginaw County	1 399	15.8			
Rives township	1 388	16.4			
Rabinson township	969	49.0			
Rallin township	1 937	19.2			
Roscommon township	1 979	14.4			
Rose township, Oakland County	1 510	16.0			
Ross township	2 036	21.6			
Royal Oak township	2 938	16.4			
Royalton township	1 030	15.3			
Saginaw township	14 537	16.2			
St. Charles township	1 287	35.9			
St. Clair township	1 425	16.3			
St. Joseph township	3 562	18.9			
Salem township, Washtenaw County	1 035	15.5			
Sondstone township	1 090	23.8			
Saugatuck township	2 155	33.9			
Schaalcraft township, Kalamazoo County	2 367	23.1			
Scia township	2 829	23.0			
Sebewaing township	1 284	38.2			
Shelby township, Macomb County	12 319	16.4			
Shelby township, Oceana County	1 318	46.8			
Sherman township, St. Joseph County	1 062	15.7			
Shiawassee township	864	23.3			
Silver Creek township	2 223	15.7			
Solan township, Kent County	1 056	16.4			
Somersett township	1 481	15.7			
Southfield township	5 221	17.5			
South Haven township	1 766	16.3			
Sparta township	2 597	16.1			
Spaulding township	973	15.8			
Spring Arbor township	2 151	16.6			
Springfield township, Oakland County	2 853	16.1			
Spring Lake township	3 601	16.7			
Stockbridge township	948	30.1			
Summerfield township, Monroe County	961	15.8			
Summit township, Jackson County	8 022	16.4			
Sumpter township	3 800	16.0			
Superior township, Washtenaw County	2 878	16.1			

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 "0" 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.

10. 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 personage, 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:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

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 ({) 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.

- H26. 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—H29. 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 nr 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.
 - (1) 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.

- 20. 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.
- 25. 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.

33. 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 Day,
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:

DO	A1	A2	A4	A5	A6
L					

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.

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 .

Then please:

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

Please continue →

Here are the QUESTIONS ↓	These are the columns for ANSWERS Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2		
		Last name	Middle initial	Last name	Middle initial	
2. How is this person related to the person in column 1? <i>Fill one circle.</i> <i>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</i>		<i>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</i>		If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee		
3. Sex <i>Fill one circle.</i>		<input type="radio"/> Male <input checked="" type="checkbox"/> Female		<input type="radio"/> Male <input checked="" type="checkbox"/> Female		
4. Is this person — <i>Fill one circle.</i>		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <i>Print tribe</i>		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <i>Print tribe</i>		
5. Age, and month and year of birth <i>a. Print age at last birthday.</i> <i>b. Print month and fill one circle.</i> <i>c. Print year in the spaces, and fill one circle below each number.</i>		a. Age at last birthday: <input type="text"/> b. Month of birth: <input type="text"/> <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	c. Year of birth: 1 <input type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 9 <input type="radio"/> 1 <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 0 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 0 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 0 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 0 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 0 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 0 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 0 <input type="radio"/> 9 <input type="radio"/>	a. Age at last birthday: <input type="text"/> b. Month of birth: <input type="text"/> <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	c. Year of birth: 1 <input type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 9 <input type="radio"/> 1 <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 0 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 0 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 0 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 0 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 0 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 0 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 0 <input type="radio"/> 9 <input type="radio"/>	
6. Marital status <i>Fill one circle.</i>		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		
7. Is this person of Spanish/Hispanic origin or descent? <i>Fill one circle.</i>		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		
8. Since February 1, 1980, has this person attended regular school or college at any time? <i>Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</i>		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		
9. What is the highest grade (or year) of regular school this person has ever attended? <i>Fill one circle.</i> <i>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</i>		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Never attended school — Skip question 10		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Never attended school — Skip question 10		
10. Did this person finish the highest grade (or year) attended? <i>Fill one circle.</i>		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		
		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O <input type="radio"/> O			CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O <input type="radio"/> O	

→ **NOW PLEASE ANSWER QUESTIONS H1—H12**
FOR YOUR HOUSEHOLD

PERSON in column 7

Last name _____ Middle initial _____

First name _____

If relative of person in column 1:

Husband/wife Father/mother
 Son/daughter Other relative
 Brother/sister

If not related to person in column 1:

Roomer, boarder Other nonrelative
 Partner, roommate
 Paid employee

Male Female

White Asian Indian
 Black or Negro Hawaiian
 Japanese Guamanian
 Chinese Samoan
 Filipino Eskimo
 Korean Aleut
 Vietnamese Other — Specify _____
 Indian (Amer.)
 Print tribe → _____

a. Age at last birthday _____ c. Year of birth _____

b. Month of birth _____

Jan.—Mar. Apr.—June
 July—Sept. Oct.—Dec.

Now married Separated
 Widowed Never married
 Divorced

No (not Spanish/Hispanic)
 Yes, Mexican, Mexican-Amer., Chicano
 Yes, Puerto Rican
 Yes, Cuban
 Yes, other Spanish/Hispanic

No, has not attended since February 1
 Yes, public school, public college
 Yes, private, church-related
 Yes, private, not church-related

Highest grade attended:

Nursery school Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

College (academic year)

1 2 3 4 5 6 7 8 or more

Never attended school—Skip question 10

Now attending this grade (or year)
 Finished this grade (or year)
 Did not finish this grade (or year)

CENSUS USE ONLY

A. I N O

If you listed more than 7 persons in Question 1, please see note on page 20.

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 once in a while and has no other home?

Yes — On page 20 give name(s) and reason left out.
 No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

Yes — On page 20 give name(s) and reason person is away.
 No

H3. Is anyone visiting here who is not already listed?

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.
 No

H4. How many living quarters, occupied and vacant, are at this address?

One
 2 apartments or living quarters
 3 apartments or living quarters
 4 apartments or living quarters
 5 apartments or living quarters
 6 apartments or living quarters
 7 apartments or living quarters
 8 apartments or living quarters
 9 apartments or living quarters
 10 or more apartments or living quarters
 This is a mobile home or trailer

H5. Do you enter your living quarters —

Directly from the outside or through a common or public hall?
 Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

Yes, for this household only
 Yes, but also used by another household
 No, have some but not all plumbing facilities
 No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

1 room 4 rooms 7 rooms
 2 rooms 5 rooms 8 rooms
 3 rooms 6 rooms 9 or more rooms

H8. Are your living quarters —

Owned or being bought by you or by someone else in this household?
 Rented for cash rent?
 Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

No
 Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?
 Yes No

b. Is any part of the property used as a commercial establishment or medical office?
 Yes No

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 condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- A mobile home or trailer
- A house on 10 or more acres
- A house with a commercial establishment or medical office on the property

Less than \$10,000 \$50,000 to \$54,999
 \$10,000 to \$14,999 \$55,000 to \$59,999
 \$15,000 to \$17,499 \$60,000 to \$64,999
 \$17,500 to \$19,999 \$65,000 to \$69,999
 \$20,000 to \$22,499 \$70,000 to \$74,999
 \$22,500 to \$24,999 \$75,000 to \$79,999

\$25,000 to \$27,499 \$80,000 to \$89,999
 \$27,500 to \$29,999 \$90,000 to \$99,999
 \$30,000 to \$34,999 \$100,000 to \$124,999
 \$35,000 to \$39,999 \$125,000 to \$149,999
 \$40,000 to \$44,999 \$150,000 to \$199,999
 \$45,000 to \$49,999 \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

Less than \$50 \$160 to \$169
 \$50 to \$59 \$170 to \$179
 \$60 to \$69 \$180 to \$189
 \$70 to \$79 \$190 to \$199
 \$80 to \$89 \$200 to \$224
 \$90 to \$99 \$225 to \$249

\$100 to \$109 \$250 to \$274
 \$110 to \$119 \$275 to \$299
 \$120 to \$129 \$300 to \$349
 \$130 to \$139 \$350 to \$399
 \$140 to \$149 \$400 to \$499
 \$150 to \$159 \$500 or more

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A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units	D. Months vacant	F. Total persons
0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9	0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	<p>Occupied</p> <p><input type="radio"/> First form <input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular <input type="radio"/> Usual home elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form <input type="radio"/> Continuation</p>	<p>C1. Is this unit for —</p> <p><input type="radio"/> Year round use <input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.</p> <p>C2. Vacancy status</p> <p><input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant</p> <p>C3. Is this unit boarded up?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p><input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 or more years</p> <p>E. Indicators</p> <p>1. <input type="radio"/> Mail return 2. <input type="radio"/> Pop./F</p>	0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9

0
9
8
7
6
5
4
3
2
1

FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, *unless this is —*

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ _____ .00 OR None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ _____ .00 OR None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

Yes, mortgage, deed of trust, or similar debt

Yes, contract to purchase

No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

Yes No

c. How much is your total regular monthly payment to the lender? Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

Yes, taxes included in payment

No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

Yes, insurance included in payment

No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

<p>①</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	2.	4.	<p>②</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	2.	4.	<p>③</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	2.	4.
	0 0	0 0 0		0 0	0 0 0		0 0	0 0 0
	1 1	1 1 1		1 1	1 1 1		1 1	1 1 1
	2 2	2 2 2		2 2	2 2 2		2 2	2 2 2
3 3	3 3 3	3 3 3	3 3	3 3 3	3 3 3	3 3	3 3 3	3 3 3
4 4	4 4 4	4 4 4	4 4	4 4 4	4 4 4	4 4	4 4 4	4 4 4
5 5	5 5 5	5 5 5	5 5	5 5 5	5 5 5	5 5	5 5 5	5 5 5
6 6	6 6 6	6 6 6	6 6	6 6 6	6 6 6	6 6	6 6 6	6 6 6
7 7	7 7 7	7 7 7	7 7	7 7 7	7 7 7	7 7	7 7 7	7 7 7
8 8	8 8 8	8 8 8	8 8	8 8 8	8 8 8	8 8	8 8 8	8 8 8
9 9	9 9 9	9 9 9	9 9	9 9 9	9 9 9	9 9	9 9 9	9 9 9
<p>④</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	2.	4.	<p>⑤</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	2.	4.	<p>⑥</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	2.	4.
	0 0	0 0 0		0 0	0 0 0		0 0	0 0 0
	1 1	1 1 1		1 1	1 1 1		1 1	1 1 1
	2 2	2 2 2		2 2	2 2 2		2 2	2 2 2
3 3	3 3 3	3 3 3	3 3	3 3 3	3 3 3	3 3	3 3 3	3 3 3
4 4	4 4 4	4 4 4	4 4	4 4 4	4 4 4	4 4	4 4 4	4 4 4
5 5	5 5 5	5 5 5	5 5	5 5 5	5 5 5	5 5	5 5 5	5 5 5
6 6	6 6 6	6 6 6	6 6	6 6 6	6 6 6	6 6	6 6 6	6 6 6
7 7	7 7 7	7 7 7	7 7	7 7 7	7 7 7	7 7	7 7 7	7 7 7
8 8	8 8 8	8 8 8	8 8	8 8 8	8 8 8	8 8	8 8 8	8 8 8
9 9	9 9 9	9 9 9	9 9	9 9 9	9 9 9	9 9	9 9 9	9 9 9
<p>⑦</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	2.	4.	GQ.	H30.	H31.	H32c.		
	0 0	0 0 0	0 0	0 0 0 0	0 0 0	0 0 0 0		
	1 1	1 1 1	1 1	1 1 1 1	1 1 1	1 1 1 1		
	2 2	2 2 2	2 2	2 2 2 2	2 2 2	2 2 2 2		
3 3	3 3 3	3 3 3	3 3	3 3 3 3	3 3 3	3 3 3 3		
4 4	4 4 4	4 4 4	4 4	4 4 4 4	4 4 4	4 4 4 4		
5 5	5 5 5	5 5 5	5 5	5 5 5 5	5 5 5	5 5 5 5		
6 6	6 6 6	6 6 6	6 6	6 6 6 6	6 6 6	6 6 6 6		
7 7	7 7 7	7 7 7	7 7	7 7 7 7	7 7 7	7 7 7 7		
8 8	8 8 8	8 8 8	8 8	8 8 8 8	8 8 8	8 8 8 8		
9 9	9 9 9	9 9 9	9 9	9 9 9 9	9 9 9	9 9 9 9		

<p>c. When going to work last week, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p>	<p>CENSUS USE</p> <p>21b.</p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No — <i>Skip to 31d</i></p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p>0 0 0 0 0 0</p> <p>1 1 1 1 1 1</p> <p>2 2 2 2 2 2</p> <p>3 3 3 3 3 3</p> <p>4 4 4 4 4 4</p> <p>5 5 5 5 5 5</p> <p>6 6 6 6 6 6</p> <p>7 7 7 7 7 7</p> <p>8 8 8 8 8 8</p> <p>9 9 9 9 9 9</p>
<p>d. How many people, including this person, usually rode to work in the car, truck, or van last week?</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6</p> <p><input type="radio"/> 3 <input checked="" type="checkbox"/> 5 <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>	<p>22b.</p> <p><input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2</p> <p><input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5</p> <p><input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8</p> <p><input type="radio"/> 9 <input type="radio"/> 0 <input type="radio"/> 1</p>	<p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>-----</p> <p>Weeks</p>	<p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>-----</p> <p>Hours</p>
<p>25. Was this person temporarily absent or on layoff from a job or business last week?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p>	<p>28.</p> <p>A B C</p> <p>D E F</p> <p>G H J</p> <p>K L M</p>	<p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>-----</p> <p>Weeks</p>	<p>32a. 32b.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job last week?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (in school, etc.)</p> <p><input checked="" type="checkbox"/> Yes, could have taken a job</p>	<p>29.</p> <p>N P Q</p> <p>R S T</p> <p>U V W</p> <p>X Y Z</p>	<p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p>	<p>32c. 32d.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier</p> <p><i>Never worked</i> } <i>Skip to 31d</i></p>	<p>30.</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/></p> <p>Federal government employee <input type="radio"/></p> <p>State government employee <input type="radio"/></p> <p>Local government employee (city, county, etc.) <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p> Own business not incorporated <input type="radio"/></p> <p> Own business incorporated <input type="radio"/></p> <p>Working without pay in family business or farm <input type="radio"/></p>	<p>During 1979 did this person receive any income from the following sources?</p> <p><i>If "Yes" to any of the sources below — How much did this person receive for the entire year?</i></p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs <i>Report amount before deductions for taxes, bonds, dues, or other items.</i></p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32e. 32f.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</i></p>	<p>31.</p> <p>What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>b. Own nonfarm business, partnership, or professional practice <i>Report net income after business expenses.</i></p> <p><input checked="" type="checkbox"/> Yes → \$.00</p> <p><input type="checkbox"/> No (Annual amount — Dollars)</p>	<p>32g. 33.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>-----</p> <p>(Name of company, business, organization, or other employer)</p>	<p>32.</p> <p>What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>c. Own farm. <i>Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</i></p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32h. 32i.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>-----</p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p>	<p>33.</p> <p>What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>d. Interest, dividends, royalties, or net rental income <i>Report even small amounts credited to an account.</i></p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32j. 32k.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="checkbox"/> <input type="radio"/> Retail trade</p> <p>Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)</p>	<p>34.</p> <p>What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>e. Social Security or Railroad Retirement</p> <p><input checked="" type="checkbox"/> Yes → \$.00</p> <p><input type="checkbox"/> No (Annual amount — Dollars)</p>	<p>32l. 32m.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>-----</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p>	<p>35.</p> <p>What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32n. 32o.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>b. What were this person's most important activities or duties?</p> <p>-----</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p>	<p>36.</p> <p>What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly</p> <p><input checked="" type="checkbox"/> Yes → \$.00</p> <p><input type="checkbox"/> No (Annual amount — Dollars)</p>	<p>32p. 32q.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>
<p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/></p> <p>Federal government employee <input type="radio"/></p> <p>State government employee <input type="radio"/></p> <p>Local government employee (city, county, etc.) <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p> Own business not incorporated <input type="radio"/></p> <p> Own business incorporated <input type="radio"/></p> <p>Working without pay in family business or farm <input type="radio"/></p>	<p>37.</p> <p>What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p>(Annual amount — Dollars)</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>h. Social Security or Railroad Retirement</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32r. 32s.</p> <p>0 0 0 0 0 0 0 0</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p> <p>A 0 0 A 0</p>

→ Please turn to the next page and answer the questions for Person 2 on page 2.

Appendix F.—Publication and Computer Tape Program

GENERAL	F-1	PUBLICATIONS—Con.	
PUBLICATIONS	F-1	HC80-5, Volume 5, Residen-	
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PHC80-1, Block Statistics . . .	F-1	Reports	F-4
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teristics for Governmental		PHC80-E, Evaluation and	
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politan Statistical Areas . . .	F-2	PHC80-R, Reference Reports. . .	F-4
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PHC80-S2, Advance Esti-		Occupations	F-4
mates of Social, Economic,		PHC80-R5, Geographic	
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teristics of the Population . .	F-2	Summary Tape Files	F-4
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ber of Inhabitants	F-2	STF 2	F-4
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teristics of Housing Units . .	F-3	MAPS	F-5
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HC80-2, Volume 2, Metro-			
politan Housing			
Characteristics.	F-3		
HC80-3, Volume 3, Subject			
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HC80-4, Volume 4, Compo-			
nents of Inventory Change. . .	F-3		

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

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 complete-count 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 general-purpose 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, county 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, veteran 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 cross-classified 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.

PC80-2, Volume 2, 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. 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 cross-classification. 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 non-farm 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 loose-leaf 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 detail 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 United 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-of-reproduction 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 Microfiche—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.

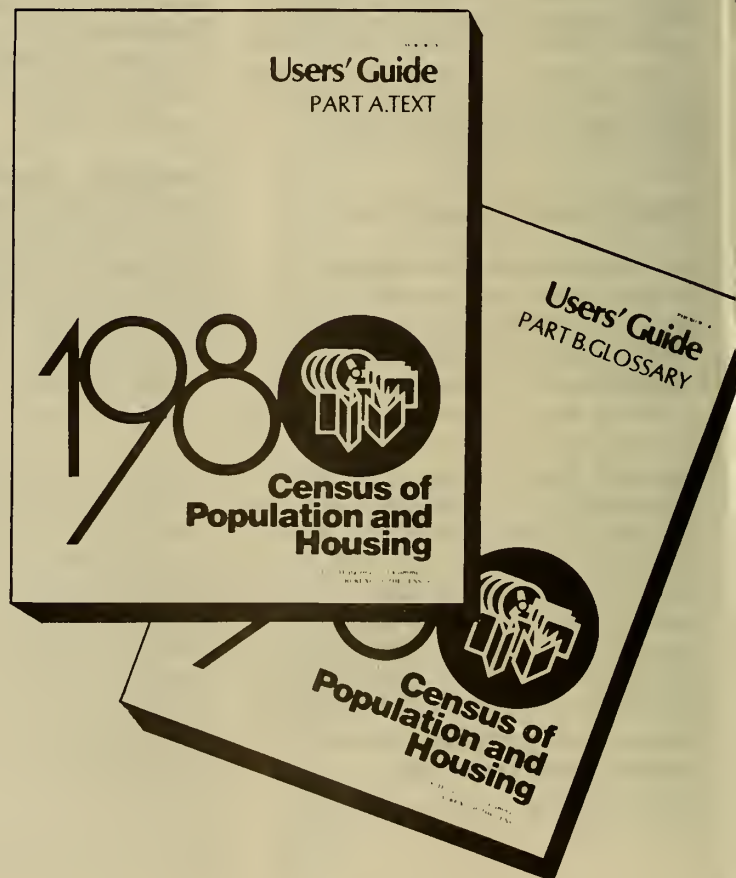
1980 Census of Population and Housing

Users' Guide

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

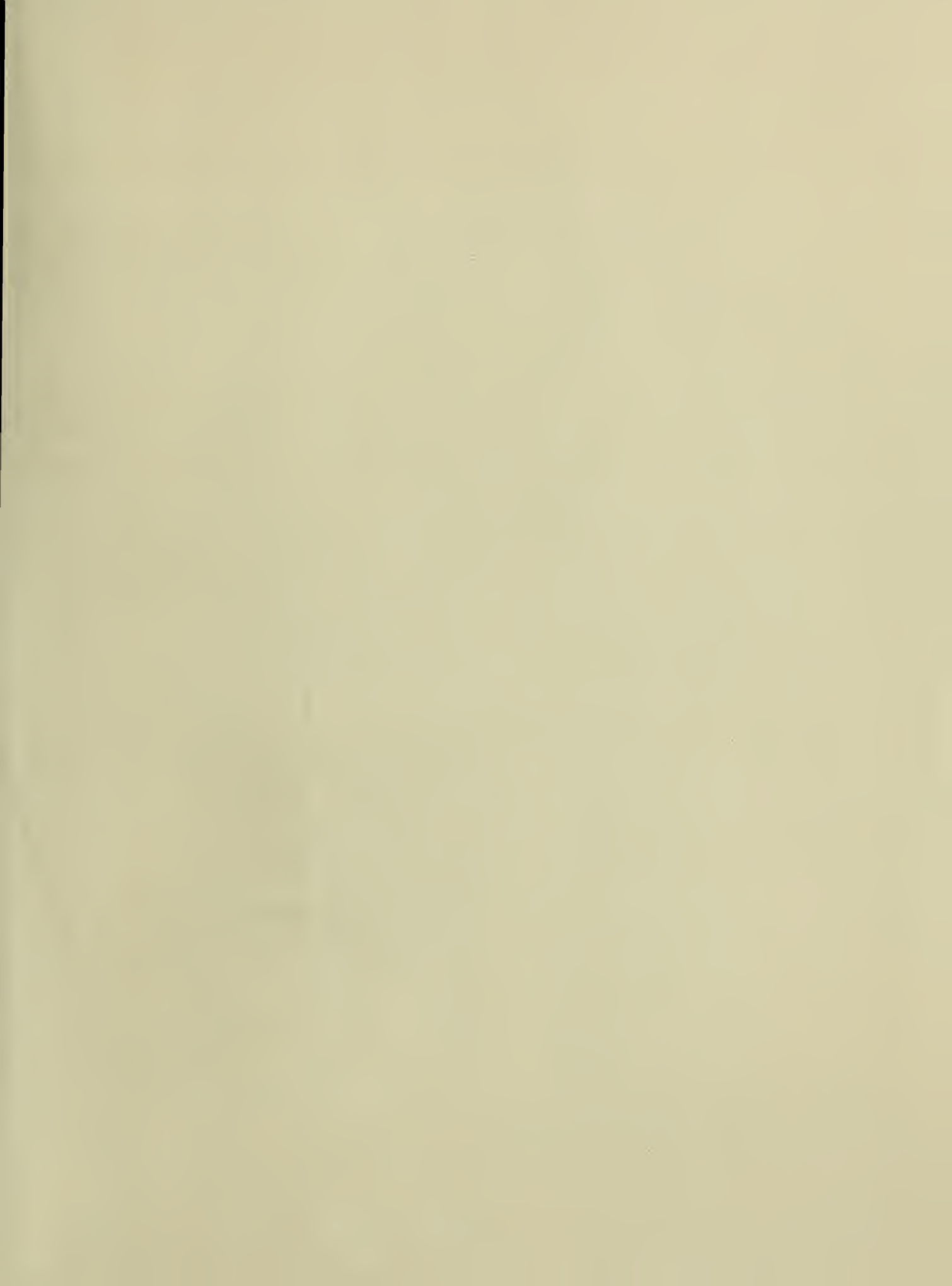
- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, 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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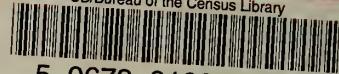
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