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BUREAU OF THE CENSUS

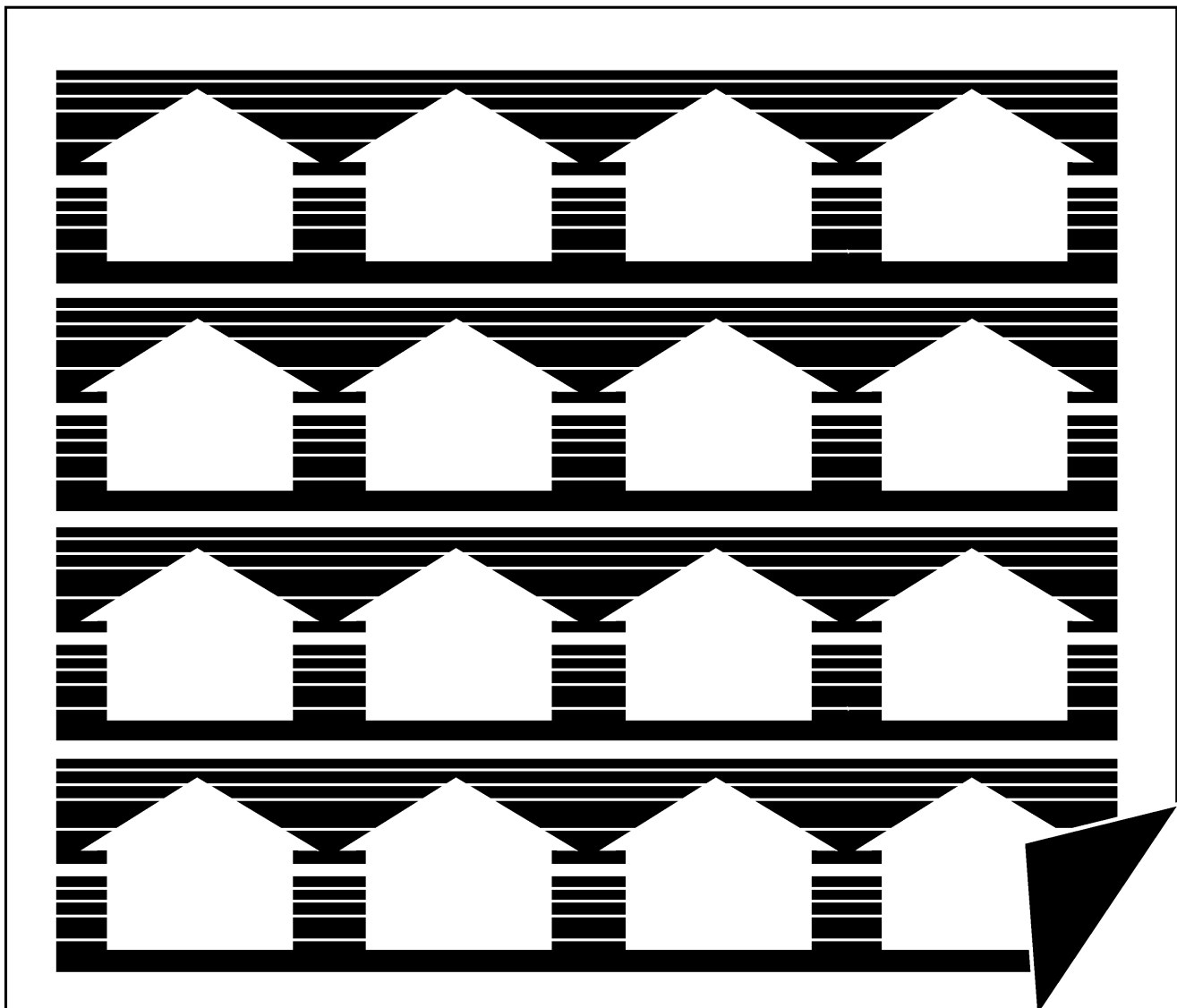
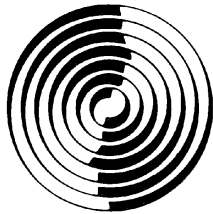
1990 CH-2-17

1990 Census of Housing

Detailed Housing
Characteristics

Iowa

CENSUS '90



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1990 CH-2-17

1990 Census of Housing
**Detailed Housing
Characteristics**
Iowa



U.S. Department of Commerce
Ronald H. Brown, Secretary
Economics and Statistics Administration
BUREAU OF THE CENSUS
Harry A. Scarr, Acting Director



**Economics and Statistics
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HOW TO USE THIS CENSUS REPORT

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INTRODUCTION

Data from the 1990 census are presented in several different report series. These series are published under the following three subject titles:

1. 1990 Census of Population (1990 CP)
2. 1990 Census of Housing (1990 CH)
3. 1990 Census of Population and Housing (1990 CPH)

The types of data and the geographic areas shown in reports differ from one series to another. In most series, there is one report for each State, the District of Columbia, Puerto Rico, and the Virgin Islands of the United States (Virgin Islands), plus a United States summary report. Some series include reports for American Indian and Alaska Native areas, metropolitan areas, and urbanized areas. See appendix F for detailed information about the various report series; additional 1990 census data products such as computer tapes, microfiche, and laser disks; other related materials; and sources of assistance.

The data from the 1990 census were derived from a limited number of basic questions asked of the entire population and about every housing unit (referred to as the 100-percent questions), and from additional questions asked of a sample of the population and housing units (referred to as the sample questions). Two primary versions of questionnaires were used: a short form containing only the 100-percent questions and a long form containing both the 100-percent questions and the additional sample questions. Appendix E presents facsimiles of the questionnaire pages and the respondent instructions used to collect the data included in this report. Appendix F lists the subjects that are covered by the 100-percent and sample components of the 1990 census.

Legal provision for this census, which was conducted as of April 1, 1990, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which is codified in Title 13, United States Code.

HOW TO FIND GEOGRAPHIC AREAS AND SUBJECT-MATTER DATA

This report includes a table finding guide to assist the user in locating those statistical tables that contain the data that are needed. The table finding guide lists alphabetically, by geographic area, the subjects shown in this report. To determine which tables in this report show data for a particular topic, find the subject in the left-hand column of the table finding guide and then look across the columns using the headings at the top for the desired type of geographic area. Below is an example of a table finding guide.

TABLE FINDING GUIDE

Subjects by Type of Geographic Area and Table Number

Subjects covered in this report are shown on the left side, and types of geographic areas are shown at the top. For a description of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B. Table numbers without reference letters in parentheses indicate data for the total population only. Data by race and Hispanic origin are indicated with reference letters in parentheses after the table numbers. Reference letters for population counts and subjects by race and Hispanic origin follow.

- (A) White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Hispanic origin; White, not of Hispanic origin.
- (B) American Indian, Eskimo, Aleut, All Asian, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Cambodian, Hmong, Laotian, Thai, All Pacific Islander, Hawaiian, Samoan, Guamanian.
- (C) Mexican, Puerto Rican, Cuban, Other Hispanic origin, Dominican, Central American, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, South American, Colombian, Ecuadorian, Peruvian.
- (D) Race by Hispanic origin.

Subject	The State		County		Place and (in selected States) county subdivision ²		American Indian and Alaska Native area ³
	Total	Urban, rural, size of place, and rural farm ¹	Total	Rural or rural farm	10,000 or more	2,500 to 9,999	
Age	20, 34, 65(B)	20, 56(A)	95, 106(A)	169, 171	135(A)	151	173(A)
Ancestry ...	17, 31	17	92	...	121	150	...
Disability ...	20, 34, 84(D)	20, 57(A)	95, 107(A)	...	136(A)	152	174(A)
Educational attainment .	22, 36	22, 57(A)	97, 107(A)	169, 171	136(A)	160(A)	174(A)
Household type and relationship	21, 35	21, 56(A)	96, 106(A)	169, 171	135(A)	160(A)	173(A)
Industry	26, 40, 67(B)	26, 58(A)	101, 108(A), 116(B)	170, 172	137(A), 148(C)	161(A), 167(C)	175(A)
Poverty status	29, 43, 72(B)	29, 63(A)	104, 113(A), 117(B)	170, 172	142(A), 149(C)	162(A), 168(C)	180(A)
Residence in 1985 ...	23, 37, 67(B)	23, 60(A)	98, 110(A)	...	139(A)	155	177(A)
Veteran status	23, 37, 69(B)	23, 60(A)	98, 110(A)	...	139(A)	155	177(A)
Work status in 1989 ...	27, 41, 69(B)	27, 60(A)	102, 110(A)	...	139(A)	155	177(A)

... Not applicable.

¹Type of residence categories are less detailed in tables 56-64 (which show characteristics by race and Hispanic origin) than in other tables.

²The selected States are Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

³Characteristics are shown only for the American Indian, Eskimo, or Aleut population.

Tables identified in the table finding guide with a reference letter in parentheses after the table number present characteristics for racial groups or persons of Hispanic origin. The tables without reference letters contain data for the total population only. The table finding guide does not include cross-classifications of subject-matter items, nor does it distinguish among tables presenting data for all persons or housing units and tables presenting data for subgroups (for example, persons under 18 years or renter-occupied housing units) unless it is necessary to locate the subject.

Additional information to locate data within specific reports often is provided in the headnote at the top of the table finding guide and in the footnotes at the bottom of the guide.

HOW TO USE THE STATISTICAL TABLES

Parts of a Statistical Table

The census data included in printed reports are arranged in tables. Each table includes four major parts: (1) *heading*, (2) *boxhead*, (3) *stub*, and (4) *data field*.

A typical census report table is illustrated below.

table within the report, while the title is a brief statement indicating the classification, nature, and time reference of the data presented in the table. The headnote is enclosed in brackets and is located under the title. It contains statements that qualify, explain, or provide information pertaining to the entire table. In some tables showing racial and Hispanic origin groups, the headnote includes information that data are presented only when certain population-size criteria (thresholds) are met. (For more information on thresholds, see the "User Notes" section.)

The *boxhead* is under the heading. This portion of the table, which contains the individual column heads or captions, describes the data in each vertical column. In the boxhead of many tables, a *spanner* appears across and above two or more column heads or across two or more lower spanners. The purpose of a *spanner* is to classify or qualify items below it or separate the table into identifiable blocks in terms of major aspects of the data.

The *stub* is located at the left edge of the table. It includes a listing of line or row captions or descriptions. At the top of the stub is the *stubhead*. The *stubhead* is considered to be an extension of the table title and usually shows generic geographic area designations and restrictions.

In the *stub*, several features are used to help the user better understand the contents of the table. Usually, a block of data lines is preceded by a *sidehead*. The *sidehead*, similar to a *spanner*, describes and classifies the *stub* entries following it. The use of indentation in a *stub* indicates the relationship of one data line to another. Indented data lines represent subcategories that in most instances, sum to a total. Occasionally in tables, it is desirable to show one or more single-line subcategories that do not sum to the total. The unit of measure, such as dollars, is shown when it is not clear from the general wording of the data line.

The *data field* is that part of the table that contains the data. It extends from the bottom of the *boxhead* to the bottom of the table and from the right of the *stub* to the right-hand edge of the page.

Both geographic and subject-matter terms appear in tables. It is important to read the definitions of the terms used in the tables because census terms often are defined in special ways that reflect the manner in which the questions were asked and the data were tabulated. Definitions of geographic terms are provided in appendix A. Subject-matter terms are defined in appendix B.

Symbols and Geographic Abbreviations

The following symbols are used in the tables and explanations of subjects covered in this report:

- A dash "-" represents zero or a percent that rounds to less than 0.1.
- Three dots "..." mean not applicable.
- (NA) means not available.

PARTS OF A STATISTICAL TABLE

Table number and title: Table 67. Labor Force Characteristics: 1990
(Data based on sample and subject to the sampling error. For definitions of terms, see appendix A.)

Headnote: (none)

Column head: Total, Male, Female, Total

Heading: Table 67. Labor Force Characteristics: 1990

Stubhead: This State

Stub: Total, Male, Female, Total

Sidehead: Total of persons

Boxhead: Total, Male, Female, Total

Data field: (Numerical data values)

Page number and State name: 28 ALASKA

Report title: SOCIAL AND ECONOMIC CHARACTERISTICS

The *heading* consists of the table number, title, and headnote. The table number indicates the position of the

- The prefix “r” indicates that the count has been revised since publication of 1980 reports or that the area was erroneously omitted or not shown in the correct geographic relationship in the 1980 census reports. This symbol appears only in the 1990 CPH-2, *Population and Housing Unit Counts* reports.
- A dagger “†” next to the name of a geographic area indicates that there has been a geographic change(s) (for example, an annexation or detachment, a new incorporation, or a name change) since the information published for the 1980 census for that area. This symbol appears only in the 1990 CPH-2, *Population and Housing Unit Counts* reports. The geographic change information for the entities in a State is shown in the “User Notes” section of 1990 CPH-2, *Population and Housing Unit Counts* report, for that State. The information for all States appears in the “User Notes” section of the technical documentation for Summary Tape Files 1 and 3.
- A plus sign “+ ” or a minus sign “-” following a figure denotes that the median falls in the initial or terminal category of an open-ended distribution. (For more information on medians, see the discussion under “Derived Measures” in appendix B.)
- A minus sign “-” preceding a figure denotes decrease.

The following geographic abbreviations are used in the tables and explanations of subjects covered in this report:

- A “(pt.)” next to the name of a geographic area in a hierarchical presentation indicates that the geographic entity is only partially located in the superior geographic entity. For example, a “(pt.)” next to a place name in a county subdivision-place hierarchy indicates that the place is located in more than one county subdivision. (Places also may be “split” by county, congressional district, urban/rural, metropolitan area, voting district, and other geographic boundaries, depending on the presentation.) Other geographic entities also can be “split” by a higher-level entity. The exception is a tabulation block, which is unique within all geographic entities in census products.
- BG is block group.
- BNA is block numbering area.
- CDP is census designated place.
- CMSA is consolidated metropolitan statistical area.
- MA is metropolitan area.
- MSA is metropolitan statistical area.
- PMSA is primary metropolitan statistical area.
- TDSA is tribal designated statistical area.
- TJSA is tribal jurisdiction statistical area.
- unorg. is unorganized territory.

- VTD is voting district.

Census tables often include derived measures such as medians, means, percents, and ratios. More detailed information about derived measures is provided in appendix B.

GRAPHICS

Charts, statistical maps, and other graphic summaries are included in some 1990 census reports. If graphics are shown in a report, they are presented immediately after the “User Notes” section.

USER NOTES

User notes include corrections, errata, and related explanatory information. This section appears directly before the statistical tables in census reports unless graphics are shown. It presents information about unique characteristics of the report and changes or corrections made too late to be reflected in the text or tables themselves.

CONTENTS OF THE APPENDIXES

Appendix A—Provides definitions of the types of geographic areas and related information used in census reports.

Appendix B—Contains definitions for the subject-matter items used in census reports, including explanations of derived measures, limitations of the data, and comparability with previous censuses. The subjects are listed alphabetically. In reports that contain both population and housing characteristics, the population characteristics are described first, followed by the explanations of the housing subjects.

Appendix C—Provides information on confidentiality of the data, allocations and substitutions, and sources of errors in the data.

Appendix D—Explains the residence rules used in counting the population and housing units, presents a brief overview of data collection operations, and describes processing procedures used to convert data from unedited questionnaires to final 1990 publications and tapes. This appendix also clarifies the procedures used to collect data for persons abroad at the time of the census, where persons on military bases or away at school were counted, how data were collected for persons in institutions, and which citizens of foreign countries were included in the U.S. data.

Appendix E—Presents a facsimile of the 1990 census questionnaire pages and the respondent instructions used to collect the data in this report.

Appendix F—Summarizes the 1990 census data products program by describing the information available in printed reports and in other sources, such as microfiche or computer tape; and provides information on where to obtain assistance.

Appendix G—Contains maps depicting the geographic areas shown in this report.

TABLE FINDING GUIDE

Subjects by Type of Geographic Area and Table Number

Subjects covered in this report are shown on the left side, and types of geographic areas are shown at the top. For definitions of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B. Race and Hispanic origin are indicated with reference letters in parentheses after the table numbers. When a range of table numbers is shown together with a reference letter, there is one table for each race and Hispanic origin group. Reference letters for housing characteristics by race and Hispanic origin of householder are:

- (A) White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Hispanic origin; White, not of Hispanic origin
- (B) American Indian, Eskimo, Aleut, All Asian, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Cambodian, Hmong, Laotian, Thai; all Pacific Islander, Hawaiian, Samoan, Guamanian
- (C) Mexican, Puerto Rican, Cuban, Other Hispanic origin, Dominican, Central American, Costa Rican, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, South American, Argentinean, Chilean, Colombian, Ecuadorian, Peruvian, Venezuelan, All other Hispanic origin
- (D) Race by Hispanic origin

Subject	The State			County		Place and (in selected States) county subdivision ¹		American Indian and Alaska Native area ²
	Total	Urban, rural, size of place, and rural farm	Inside and outside metropolitan area	Total	Rural or rural farm	10,000 or more	2,500 to 9,999	
SUMMARY CHARACTERISTICS	1, 6-11(A)	1, 6-11(A)	1, 6-11(A)	1, 6-11(A)	...	1, 6-11(A)	1, 6-11(A)	12
HOUSEHOLDER COUNTS BY RACE AND HISPANIC ORIGIN	2-3(A-D), 96(A)	2(A-D)	3(A-D)	4(A-D)	96(A)	5(A-D)	5(A-D)	...
Bedrooms	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	99	79, 83(A), 86(B), 89(C)	...	...
Condominium units	13, 35	13	35	66	...	79	...	...
Householder 65 years and over	14, 23-28(A), 36, 45-50(A), 58(B), 61(C), 64(D), 97	14, 23-28(A)	35, 45-50(A)	67, 71(A), 74(B), 77(C)	97	80, 84(A), 87(B), 90(C)	...	100
Heating fuel	14, 17-22(A), 36, 39-44(A), 57(B), 60(C), 63(D), 97, 99	14, 17-22(A)	36, 39-44(A)	67, 70(A), 73(B), 76(C)	97, 99	80, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Income in 1989, household	15, 23-28(A), 37, 45-50(A), 58(B), 61(C), 64(D), 98, 99	15, 23-28(A)	37, 45-50(A)	68, 71(A), 74(B), 77(C)	98, 99	81, 84(A), 87(B), 90(C)	92, 93(A), 94(B), 95(C)	100
Income in 1989 by gross rent as a percentage of household income in 1989	16, 29-34(A), 38, 51-56(A), 59(B), 62(C), 65(D)	16, 29-34(A)	38, 51-56(A)	69, 72(A), 75(B), 78(C)	...	82, 85(A), 88(B), 91(C)	...	...
Income in 1989 by selected monthly owner costs as a percentage of household income in 1989	16, 29-34(A), 38, 51-56(A), 59(B), 62(C), 65(D)	16, 29-34(A)	38, 51-56(A)	69, 72(A), 75(B), 78(C)	...	82, 85(A), 88(B), 91(C)	...	...
Gross rent	15, 23-28(A), 37, 45-50(A), 58(B), 61(C), 64(D), 98	15, 23-28(A)	37, 45-50(A)	68, 71(A), 74(B), 77(C)	98	81, 84(A), 87(B), 90(C)	92, 93(A), 94(B), 95(C)	100
Gross rent as percentage of household income in 1989	98	...	...	...	98	...	92, 93(A), 94(B), 95(C)	100

See symbol and footnotes at end of table.

Subjects by Type of Geographic Area and Table Number—Con.

Subjects covered in this report are shown on the left side, and types of geographic areas are shown at the top. For definitions of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B. Race and Hispanic origin are indicated with reference letters in parentheses after the table numbers. When a range of table numbers is shown together with a reference letter, there is one table or specific data within the table for each race and Hispanic origin group. Reference letters for housing characteristics by race and Hispanic origin of householder are:

- (A) White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Hispanic origin; White, not of Hispanic origin
- (B) American Indian, Eskimo, Aleut, All Asian, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Cambodian, Hmong, Laotian, Thai; all Pacific Islander, Hawaiian, Samoan, Guamanian
- (C) Mexican, Puerto Rican, Cuban, Other Hispanic origin, Dominican, Central American, Costa Rican, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, South American, Argentinean, Chilean, Colombian, Ecuatorian, Peruvian, Venezuelan, All other Hispanic origin
- (D) Race by Hispanic origin

Subject	The State			County		Place and (in selected States) county subdivision ¹		American Indian and Alaska Native area ²
	Total	Urban, rural, size of place, and rural farm	Inside and outside metropolitan area	Total	Rural or rural farm	10,000 or more	2,500 to 9,999	
Kitchen facilities	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96, 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96, 99	79, 83(A), 86(B), 89(C)	...	...
Mobile homes.....	13, 35	13	35	66	...	79	...	...
Mortgage status and selected monthly owner costs.....	15, 23-28(A), 37, 45-50(A), 58(B), 61(C), 64(D), 98	15, 23-28(A)	37, 45-50(A)	68, 71(A), 74(B), 77(C)	98	81, 84(A), 87(B), 90(C)	92, 93(A), 94(B), 95(C)	100
Mortgage status and selected monthly owner costs as a percentage of household income in 1989	15, 37, 98	15	37	68	98	81	92, 93(A), 94(B), 95(C)	100
Plumbing facilities	13, 14, 17-22(A), 35, 36, 39-44(A), 57(B), 60(C), 63(D), 96, 97, 99	13, 14, 17-22(A)	35, 36, 39-44(A)	66, 67, 70(A), 73(B), 76(C)	96, 97, 99	79, 80, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Poverty level in 1989, households below	14, 23-28(A), 36, 45-50(A), 58(B), 61(C), 64(D), 97, 99	14, 23-28(A)	36, 45-50(A)	67, 71(A), 74(B), 77(C)	97, 99	80, 84(A), 87(B), 90(C)	92, 93(A), 94(B), 95(C)	100
Second mortgage or home equity loan	13, 35	13	35	66	...	79	...	...
Sewage disposal	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96, 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96, 99	79, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Source of water	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96, 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96, 99	79, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Telephone in unit	14, 36	14	36	67	...	80	...	...
Tenure	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96(A)	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96(A)	79, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Vacancy status	13, 35, 96	13	35	66	96	79	...	...
Vehicles available	14, 17-22(A), 36, 39-44(A), 57(B), 60(C), 63(D), 97, 99	14, 17-22(A)	36, 39-44(A)	67, 70(A), 73(B), 76(C)	97, 99	80, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100

See symbol and footnotes at end of table.

Subjects by Type of Geographic Area and Table Number—Con.

Subjects covered in this report are shown on the left side, and types of geographic areas are shown at the top. For definitions of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B. Race and Hispanic origin are indicated with reference letters in parentheses after the table numbers. When a range of table numbers is shown together with a reference letter, there is one table or specific data within the table for each race and Hispanic origin group. Reference letters for housing characteristics by race and Hispanic origin of householder are:

- (A) White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Hispanic origin; White, not of Hispanic origin
- (B) American Indian, Eskimo, Aleut, All Asian, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Cambodian, Hmong, Laotian, Thai; all Pacific Islander, Hawaiian, Samoan, Guamanian
- (C) Mexican, Puerto Rican, Cuban, Other Hispanic origin, Dominican, Central American, Costa Rican, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, South American, Argentinean, Chilean, Colombian, Ecuadoran, Peruvian, Venezuelan, All other Hispanic origin
- (D) Race by Hispanic origin

Subject	The State			County		Place and (in selected States) county subdivision ¹		American Indian and Alaska Native area ²
	Total	Urban, rural, size of place, and rural farm	Inside and outside metropolitan area	Total	Rural or rural farm	10,000 or more	2,500 to 9,999	
Year householder moved into unit	14, 17-22(A), 36, 39-44(A), 57(B), 60(C), 63(D), 97, 99	14, 17-22(A)	36, 39-44(A)	67, 70(A), 73(B), 76(C)	97, 99	80, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Year structure built	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96, 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96, 99	79, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100

... Not applicable for this report.

¹The selected States are: Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

²Characteristics are shown only for the American Indian, Eskimo, or Aleut households.

USER NOTES

Additional information concerning this 1990 census product may be available at a later date. If you wish to receive these *User Notes*, contact:

Data User Services Division
Customer Services
Bureau of the Census
Washington, DC 20233
301-763-4100

Questions concerning the content of this report may be directed to:

William S. Chapin
Housing and Household Economic Statistics Division
Physical Characteristics Branch
Bureau of the Census
Washington, DC 20233

ADDITIONAL DEFINITIONS AND EXPLANATIONS OF DATA

GENERAL

User Note 1

Age Reporting—Review of detailed 1990 information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age on April 1, 1990. In addition, there may have been a tendency for respondents to round up their age if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger. For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990, and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990, is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the discussion on comparability under "Age" in appendix B.)

User Note 2

The user should note that there are limitations to many of these data. Please refer to the text provided with this report for further explanations on the limitations of the data.

User Note 3

Estimated population and housing unit totals based on tabulations from only the sample questionnaires (sample tabulations) may differ from the official counts as tabulated from every census questionnaire (100-percent tabulations). Such differences result, in part, because the sample tabulations are based on information from a sample of households rather than from all households (sampling error). Differences also can occur because the interview situation (length of questionnaire, effect of the interviewer, etc.) and the processing rules differ between the 100-percent and sample tabulations. These types of differences are referred to as nonsampling errors. (For more information on nonsampling error, see appendix C.)

The 100-percent data are the official counts and should be used as the source of information on population and housing items collected on the 100-percent questionnaire, such as age, race, Hispanic origin, number of rooms, and tenure. This is especially appropriate when the primary focus is on counts of the population or housing units for small areas such as census tracts/BNA's, block groups, and for American Indian and Alaska Native areas. For estimates of counts of persons and housing units by characteristics asked only on a sample basis (such as education, labor force status, income, and source of water), the sample estimates should be used within the context of the error associated with them.

Many users are interested in tabulations of items collected on the sample cross-classified by items collected on a 100-percent basis such as age, race, sex, Hispanic origin, and housing units by tenure. Given the way the weights were applied during sample tabulations, generally, there is exact agreement between sample estimates and 100-percent counts for total population and total housing units for most geographic areas. At the State level and higher geographic levels, sample estimates and 100-percent counts for population by age, sex, race, and Hispanic origin and for housing units by tenure, number of rooms and so on would be reasonably similar and, in some cases, the same.

At smaller geographic levels, including census tract/BNA, there is still general agreement between 100-percent

counts and sample estimates of total population or housing units. At smaller geographic levels, however, there will be expected differences between sample estimates and 100-percent counts for population by age, sex, race, and Hispanic origin and for housing units by tenure, number of rooms and so on. In these cases, users may want to consider using derived measures (such as means and medians) or percent distributions. Whether using absolute numbers or derived measures for small population groups and for a small number of housing units in small geographic areas, users should be cautioned that the sampling error associated with these data may be large.

Even though the differences between sample estimates and 100-percent counts for these categories are generally small, the differences for the American Indian, as well as the Hispanic origin populations, are relatively larger than for other groups. The following provides some explanation for these differences.

State-level sample estimates of the number of American Indians are generally higher than the corresponding 100-percent counts. It appears the differences are primarily the result of proportionately higher reporting of “Cherokee” tribe on sample questionnaires. This phenomenon occurs primarily in off-reservation areas. The reasons for the greater reporting of Cherokee on sample forms are not fully known at this time. The Census Bureau will do research to provide more information on this phenomenon.

For the Hispanic origin population, sample estimates at the State level are generally lower than the corresponding 100-percent counts. The majority of difference is caused by the 100-percent and sample processing of the Hispanic question on the sample questionnaire when the respondent did not mark any response category. When processing the sample, we used written entries in race or Hispanic origin as well as responses to questions only asked on the sample, such as ancestry and place of birth. These procedures led to a lower proportion of persons being assigned as Hispanic in sample processing than were assigned

during 100-percent processing. The Census Bureau will evaluate the effectiveness of the 100-percent and sample procedures.

As in previous censuses, the Census Bureau will evaluate the quality of the data and make this information available to data users. In the meanwhile, both 100-percent and sample data serve very important purposes and, therefore, should be used within the limitations of the sampling and nonsampling errors.

User Note 4

Thresholds and Complementary Thresholds—To show characteristics for a large number of racial and Hispanic groups and to avoid using a large number of pages to show characteristics for small population groups, population thresholds are used in some tables in this report. Also, complementary population thresholds are used in some tables to avoid showing largely repetitive data for the White population and for the White, not of Hispanic origin population. Specifically, complementary thresholds are used to limit the presentation of characteristics for the White population when the population of races other than White is small and for the White, not of Hispanic origin population when the Hispanic origin population is small.

For example, assume that the threshold and complementary threshold are 1,000 in a table showing data by race and Hispanic origin for counties. The threshold of 1,000 applies to each group, and in addition, the complementary threshold of 1,000 applies to White and to White, not of Hispanic origin. Figure 1 shows how the threshold and complementary threshold for race and Hispanic origin apply for a hypothetical county. (For simplicity, it is assumed that the “Other race” population of the county is zero because characteristics are not shown for the “Other race” population below the State level.) Thresholds are calculated for each race and Hispanic origin population

Figure 1. Thresholds and Complementary Thresholds

Race and Hispanic origin	Population	Characteristics shown	Reason
All persons	15,300	Yes	Threshold does not apply to total population.
White	13,800	Yes	Threshold and complementary threshold apply. There are 1,000 or more White persons, <i>and</i> there are 1,000 or more persons of races other than White.
Black	1,100	Yes	Threshold applies. There are 1,000 or more Black persons.
American Indian, Eskimo, or Aleut	100	No	Threshold applies. There are fewer than 1,000 American Indian, Eskimo, or Aleut persons.
Asian or Pacific Islander	300	No	Threshold applies. There are fewer than 1,000 Asian or Pacific Islander persons.
Hispanic origin (of any race)	300	No	Threshold applies. There are fewer than 1,000 Hispanic persons.
White, not of Hispanic origin	13,500	No	Threshold and complementary threshold apply. There are 1,000 or more White, not of Hispanic origin persons, <i>but</i> there are fewer than 1,000 Hispanic origin persons.

Figure 2. Race and Hispanic Population Subgroups

Race	Hispanic origin
White	Hispanic origin (of any race) Mexican Puerto Rican Cuban Other Hispanic Dominican (Dominican Republic) Central American Costa Rican Guatemalan Honduran Nicaraguan Panamanian Salvadoran South American Argentinean Chilean Colombian Ecuadorian Peruvian Venezuelan All other Hispanic origin
Black	
American Indian, Eskimo, or Aleut	
American Indian	
Eskimo	
Aleut	
Asian or Pacific Islander	
All Asian	
Chinese	
Filipino	
Japanese	
Asian Indian	
Korean	
Vietnamese	
Cambodian	
Hmong	
Laotian	
Thai	
All Pacific Islander	
Hawaiian	
Samoan	
Guamanian	

subgroup as shown in figure 2 above. (For more information on the race and Hispanic origin categories, see appendix B.)

The Census Bureau provides data in greater subject-matter and geographic detail on summary tape files (STF's) than in printed reports. Each printed report is derived from a specific summary tape file. For data not shown in a report because of the application of thresholds or complementary thresholds, see the corresponding summary tape file. For more information on computer tapes and other data products, see appendix F.

User Note 5

The Hispanic origin groups included in the category, "All other Hispanic origin" may vary among some data products. Persons of Hispanic origin are those who classified themselves in one of the specific Hispanic origin groups listed on the census questionnaire—"Mexican," "Puerto Rican," "Cuban," or "other Spanish/ Hispanic" origin.

In the tables of this report, the category, "All other Hispanic origin" includes only those persons who reported "other Spanish/ Hispanic," and are not included in the specific groups listed under "Other Hispanic."

In other selected data products, "All other Hispanic origin" is a residual category that includes all persons who reported any Hispanic origin group but were not tabulated in any of the Hispanic origin groups listed in the table. (For more information on Hispanic origin, see appendix B.)

GEOGRAPHIC NAMES AND PRESENTATION

GENERAL

User Note 1

The latitude and longitude values shown by tick marks in the margins of the County Subdivision Outline Maps in appendix G are approximate. They are shown only for general reference. They are displayed accurately on the State and County Outline Maps.

Table 1. Summary of Detailed Housing Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	All housing units							Occupied housing units							
		Total	Percent					Median year structure built	Total	Percent			Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)	
			Condo- minium	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Year structure built				House- holder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	With a mort- gage	Not mort- gaged		
						1980 to March 1990	1939 or earlier									
PLACE AND COUNTY SUBDIVISION— Con.																
Urbandale city	23 500	9 296	6.8	—	.1	31.5	1.2	1973	9 013	22.8	1.2	.2	858	284	515	
Vinton city	5 103	2 089	.7	—	.8	4.9	46.0	1947	2 012	18.5	11.6	5.1	473	172	245	
Washington city	7 074	3 014	1.4	.5	.8	6.2	47.3	1944	2 875	19.3	8.0	5.7	471	184	282	
Waterloo city	66 467	29 023	1.9	.3	.9	7.4	27.8	1955	27 037	19.8	10.8	4.0	504	206	327	
Waukees city	2 512	1 008	—	—	.3	20.0	8.7	1972	964	22.9	3.9	1.3	682	239	408	
Waukon city	4 019	1 758	—	.3	1.3	12.4	37.9	1955	1 659	15.2	12.6	2.7	536	193	222	
Waverly city	8 539	3 160	.4	.7	1.2	7.7	30.5	1960	3 035	24.6	7.9	1.8	583	213	298	
Webster City city	7 894	3 435	—	.5	.2	8.1	32.5	1954	3 205	17.5	8.7	6.6	483	194	310	
West Burlington city	3 083	1 443	1.0	.4	.5	5.9	21.0	1963	1 365	16.3	6.9	2.6	465	190	355	
West Des Moines city	31 695	13 666	8.2	.2	1.1	40.0	6.8	1976	12 972	29.0	4.1	.6	904	252	526	
West Liberty city	2 935	1 103	—	1.1	—	6.3	33.3	1958	1 051	19.6	6.9	5.5	548	211	345	
Wilton city	2 618	1 097	2.8	—	—	18.4	21.1	1970	1 009	17.9	4.7	2.7	598	195	381	
Windsor Heights city	5 190	2 302	2.3	—	—	6.6	7.0	1960	2 250	20.8	2.1	.4	801	311	518	
Winterset city	4 196	1 806	—	1.1	.4	8.1	43.4	1951	1 737	20.1	10.5	3.9	534	177	289	

Table 2. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural				Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
RACE OF HOUSEHOLDER											
Occupied housing units											
White	1 064 325	657 593	366 900	292 931	73 969	130 346	160 347	406 732	89 370	96 755	90 520
Black	1 037 167	631 936	346 829	274 492	72 337	125 966	159 141	405 231	88 987	96 384	90 393
American Indian, Eskimo, or Aleut	15 486	15 201	13 095	12 544	551	1 904	202	285	47	61	43
American Indian	2 398	1 808	1 210	1 009	201	327	271	590	115	155	48
Eskimo	2 393	1 808	1 210	1 009	201	327	271	585	115	155	43
Aleut	5	—	—	—	—	—	—	5	—	—	5
Asian or Pacific Islander	6 216	5 931	4 070	3 473	597	1 404	457	285	97	52	27
Asian	6 111	5 842	3 995	3 412	583	1 397	450	269	95	47	27
Chinese	1 445	1 422	919	806	113	425	78	23	5	4	—
Filipino	371	326	250	225	25	57	19	45	8	9	11
Japanese	453	397	314	210	104	73	10	56	16	10	6
Asian Indian	889	868	537	371	166	278	53	21	12	1	—
Korean	756	733	485	431	54	210	38	23	7	2	7
Vietnamese	550	537	459	408	51	40	38	13	—	—	—
Cambodian	151	147	147	147	—	—	—	4	4	—	—
Hmong	69	69	69	69	—	—	—	—	—	—	—
Laotian	770	733	494	471	23	67	172	37	18	10	3
Thai	218	194	145	123	22	44	5	24	14	5	—
Other Asian	439	416	176	151	25	203	37	23	11	6	—
Pacific Islander	105	89	75	61	14	7	7	16	2	5	—
Hawaiian	63	61	54	40	14	7	—	2	2	—	—
Samoa	3	—	—	—	—	—	—	3	—	3	—
Guamanian	32	21	21	21	—	—	—	11	—	2	—
Other Pacific Islander	7	7	—	—	—	—	7	—	—	—	—
Other race	3 058	2 717	1 696	1 413	283	745	276	341	124	103	9
HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units											
Hispanic origin (of any race)	1 064 325	657 593	366 900	292 931	73 969	130 346	160 347	406 732	89 370	96 755	90 520
Mexican	5 807	6 656	4 442	3 679	763	1 458	756	1 001	291	296	88
Puerto Rican	253	234	177	144	33	57	—	19	8	7	—
Cuban	136	125	103	64	39	11	11	11	2	7	—
Other Hispanic	1 461	1 137	796	632	164	166	175	324	91	70	43
Dominican (Dominican Republic)	22	13	5	5	—	8	—	9	3	—	—
Central American	228	205	146	133	13	24	35	23	7	3	—
Costa Rican	9	5	—	—	—	5	—	4	4	—	—
Guatemalan	56	50	33	33	—	—	13	6	—	—	—
Honduran	48	46	40	40	—	—	6	2	—	2	—
Nicaraguan	18	18	13	6	7	5	—	—	—	—	—
Panamanian	63	62	36	30	6	10	16	1	—	1	—
Salvadoran	34	24	24	24	—	—	—	10	3	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—	—
South American	263	238	184	148	36	43	11	25	8	10	—
Argentinean	33	29	23	23	—	—	6	4	2	2	—
Chilean	48	42	42	36	6	—	—	6	2	4	—
Colombian	50	46	27	21	6	19	—	4	4	—	—
Ecuadorian	30	30	24	15	9	6	—	—	—	—	—
Peruvian	43	43	31	28	3	12	—	—	—	—	—
Venezuelan	12	5	5	5	—	—	—	7	—	—	—
Other South American	47	43	32	20	12	6	5	4	—	4	—
All other Hispanic	948	681	461	346	115	91	129	267	73	57	43
Not of Hispanic origin	1 056 668	650 937	362 458	289 252	73 206	128 888	159 591	405 731	89 079	96 459	90 432
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units											
White	1 064 325	657 593	366 900	292 931	73 969	130 346	160 347	406 732	89 370	96 755	90 520
Hispanic origin	1 037 167	631 936	346 829	274 492	72 337	125 966	159 141	405 231	88 987	96 384	90 393
Not of Hispanic origin	4 444	3 798	2 601	2 121	480	725	472	646	166	186	79
Black	1 032 723	628 138	344 228	272 371	71 857	125 241	158 669	404 585	88 821	96 198	90 314
Hispanic origin	15 486	15 201	13 095	12 544	551	1 904	202	285	47	61	43
Not of Hispanic origin	88	72	60	60	—	7	5	16	—	2	—
American Indian, Eskimo, or Aleut	15 398	15 129	13 035	12 484	551	1 897	197	269	47	59	43
Hispanic origin	2 398	1 808	1 210	1 009	201	327	271	590	115	155	48
Not of Hispanic origin	117	102	96	96	6	—	8	7	3	3	—
Asian or Pacific Islander	2 281	1 698	1 108	913	195	327	263	583	112	152	48
Hispanic origin	6 216	5 931	4 070	3 473	597	1 404	457	285	97	52	27
Not of Hispanic origin	51	47	28	22	6	7	12	4	—	4	—
Other race	6 165	5 884	4 042	3 451	591	1 397	445	281	97	48	27
Hispanic origin	3 058	2 717	1 696	1 413	283	745	276	341	124	103	9
Not of Hispanic origin	2 957	2 629	1 651	1 380	271	719	259	328	122	101	9
Other race	101	88	45	33	12	26	17	13	2	2	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER											
Occupied housing units											
White	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Black	97.4	96.1	94.5	93.7	97.8	96.6	99.2	99.6	99.6	99.6	99.9
American Indian, Eskimo, or Aleut	1.5	2.3	3.6	4.3	.7	1.5	.1	.1	.1	.1	.1
American Indian	.2	.3	.3	.3	.3	.3	.2	.1	.1	.2	.1
Asian or Pacific Islander	.2	.3	.3	.3	.3	.3	.2	.1	.1	.2	—
Asian	.6	.9	1.1	1.2	.8	1.1	.3	.1	.1	.1	—
Pacific Islander	.6	.9	1.1	1.2	.8	1.1	.3	.1	.1	—	—
Other race	—	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	.3	.4	.5	.5	.4	.6	.2	.1	.1	.1	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units											
Hispanic origin (of any race)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mexican	.7	1.0	1.2	1.3	1.0	1.1	.5	.2	.3	.3	.1
Puerto Rican	.5	.8	.9	1.0	.7	.9	.4	.2	.2	.2	—
Cuban	—	—	—	—	—	—	—	—	—	—	—
Other Hispanic	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	—
Not of Hispanic origin	99.3	99.0	98.8	98.7	99.0	98.9	99.5	99.8	99.7	99.7	99.9
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN											
Occupied housing units											
White	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Not of Hispanic origin	97.4	96.1	94.5	93.7	97.8	96.6	99.2	99.6	99.6	99.6	99.9
Other race	97.0	95.5	93.8	93.0	97.1	96.1	99.0	99.5	99.4	99.4	99.8

Table 3. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	Inside metropolitan area							Outside metropolitan area				
	The State	Total		In central city		Not in central city			Urban, outside urbanized area			
						Total	Urban					Rural
							Inside urbanized area	Outside urbanized area	Place of 10,000 or more	Place of 2,500 to 9,999	Rural	
RACE OF HOUSEHOLDER												
Occupied housing units	1 064 325	466 392	293 065	173 327	73 969	25 679	73 679	597 933	119 446	145 568	332 919	
White	1 037 167	445 856	274 626	171 230	72 337	25 529	73 364	591 311	115 164	144 414	331 733	
Black	15 486	13 201	12 544	657	551	20	86	2 285	1 888	198	199	
American Indian, Eskimo, or Aleut	2 398	1 318	1 009	309	201	24	84	1 080	316	258	506	
American Indian	2 393	1 318	1 009	309	201	24	84	1 075	316	258	501	
Eskimo	5	—	—	—	—	—	—	5	—	—	5	
Aleut	—	—	—	—	—	—	—	—	—	—	—	
Asian or Pacific Islander	6 216	4 210	3 473	737	597	53	87	2 006	1 377	431	198	
Asian	6 111	4 126	3 412	714	583	53	78	1 985	1 370	424	191	
Chinese	1 445	941	806	135	113	6	16	504	419	78	7	
Filipino	371	250	225	25	25	—	—	121	57	19	45	
Japanese	453	339	210	129	104	2	23	114	73	8	33	
Asian Indian	889	559	371	188	166	12	10	330	271	48	11	
Korean	756	508	431	77	54	14	9	248	196	38	14	
Vietnamese	550	472	408	64	51	6	7	78	40	32	6	
Cambodian	151	147	147	—	—	—	—	4	—	—	4	
Hmong	69	69	69	—	—	—	—	—	—	—	—	
Laotian	770	503	471	32	23	9	—	267	67	163	37	
Thai	218	150	123	27	22	—	5	68	44	5	19	
Other Asian	439	188	151	37	25	4	8	251	203	33	15	
Pacific Islander	105	84	61	23	14	—	9	21	7	7	7	
Hawaiian	63	54	40	14	14	—	—	9	7	—	2	
Samoan	3	—	—	—	—	—	—	3	—	—	3	
Guamanian	32	30	21	9	—	—	9	2	—	—	2	
Other Pacific Islander	7	—	—	—	—	—	—	7	—	—	—	
Other race	3 058	1 807	1 413	394	283	53	58	1 251	701	267	283	
HISPANIC ORIGIN OF HOUSEHOLDER												
Occupied housing units	1 064 325	466 392	293 065	173 327	73 969	25 679	73 679	597 933	119 446	145 568	332 919	
Hispanic origin (of any race)	7 657	4 751	3 679	1 072	763	120	189	2 906	1 376	718	812	
Mexican	5 807	3 584	2 839	745	527	91	127	2 223	1 166	537	520	
Puerto Rican	253	191	144	47	33	12	2	62	45	—	17	
Cuban	136	110	64	46	39	5	2	26	6	11	9	
Other Hispanic	1 461	866	632	234	164	12	58	595	159	170	266	
Dominican (Dominican Republic)	22	5	5	—	—	—	—	17	8	—	9	
Central American	228	149	133	16	13	—	3	79	24	35	20	
Costa Rican	9	—	—	—	—	—	—	9	5	—	4	
Guatemalan	56	33	33	—	—	—	—	23	4	13	6	
Honduran	48	40	40	—	—	—	—	8	—	6	2	
Nicaraguan	18	13	6	7	7	—	—	5	5	—	—	
Panamanian	63	36	30	6	6	—	—	27	10	16	1	
Salvadoran	34	27	24	3	—	—	3	7	—	—	7	
Other Central American	—	—	—	—	—	—	—	—	—	—	—	
South American	263	193	148	45	36	—	9	70	43	11	16	
Argentinean	33	23	23	—	—	—	—	10	—	6	4	
Chilean	48	42	36	6	6	—	—	6	—	—	6	
Colombian	50	27	21	6	6	—	—	23	19	—	4	
Ecuadorian	30	24	15	9	9	—	—	6	6	—	—	
Peruvian	43	31	28	3	3	—	—	12	12	—	—	
Venezuelan	12	12	5	7	—	—	—	7	—	—	—	
Other South American	47	34	20	14	12	—	2	13	6	5	2	
All other Hispanic	948	519	346	173	115	12	46	429	84	124	221	
Not of Hispanic origin	1 056 668	461 641	289 386	172 255	73 206	25 559	73 490	595 027	118 070	144 850	332 107	
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER												
Occupied housing units	1 064 325	466 392	293 065	173 327	73 969	25 679	73 679	597 933	119 446	145 568	332 919	
White	1 037 167	445 856	274 626	171 230	72 337	25 529	73 364	591 311	115 164	144 414	331 733	
Hispanic origin	4 444	2 806	2 121	685	480	67	138	1 638	687	443	508	
Not of Hispanic origin	1 032 723	443 050	272 505	170 545	71 857	25 462	73 226	589 673	114 477	143 971	331 225	
Black	15 486	13 201	12 544	657	551	20	86	2 285	1 888	198	199	
Hispanic origin	88	60	60	—	—	—	—	28	7	5	16	
Not of Hispanic origin	15 398	13 141	12 484	657	551	20	86	2 257	1 881	193	183	
American Indian, Eskimo, or Aleut	2 398	1 318	1 009	309	201	24	84	1 080	316	258	506	
Hispanic origin	117	102	96	6	6	—	—	15	—	8	7	
Not of Hispanic origin	2 281	1 216	913	303	195	24	84	1 065	316	250	499	
Asian or Pacific Islander	6 216	4 210	3 473	737	597	53	87	2 006	1 377	431	198	
Hispanic origin	51	30	22	8	6	—	2	21	7	12	2	
Not of Hispanic origin	6 165	4 180	3 451	729	591	53	85	1 985	1 370	419	196	
Other race	3 058	1 807	1 413	394	283	53	58	1 251	701	267	283	
Hispanic origin	2 957	1 753	1 380	373	271	53	49	1 204	675	250	279	
Not of Hispanic origin	101	54	33	21	12	—	9	47	26	17	4	
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER												
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
White	97.4	95.6	93.7	98.8	97.8	99.4	99.6	98.9	96.4	99.2	99.6	
Black	1.5	2.8	4.3	.4	.7	.1	.1	.4	1.6	.1	.1	
American Indian, Eskimo, or Aleut	.2	.3	.3	.2	.3	.1	.1	.2	.3	.2	.2	
American Indian	.2	.3	.3	.2	.3	.1	.1	.2	.3	.2	.2	
Asian or Pacific Islander	.6	.9	1.2	.4	.8	.2	.1	.3	1.2	.3	.1	
Asian	.6	.9	1.2	.4	.8	.2	.1	.3	1.1	.3	.1	
Pacific Islander	—	—	—	—	—	—	—	—	—	—	—	
Other race	.3	.4	.5	.2	.4	.2	.1	.2	.6	.2	.1	
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER												
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Hispanic origin (of any race)	.7	1.0	1.3	.6	1.0	.5	.3	.5	1.2	.5	.2	
Mexican	.5	.8	1.0	.4	.7	.4	.2	.4	1.0	.4	.2	
Puerto Rican	—	—	—	—	—	—	—	—	—	—	—	
Cuban	—	—	—	—	—	—	—	—	—	—	—	
Other Hispanic	.1	.2	.2	.1	.2	—	.1	.1	.1	.1	.1	
Not of Hispanic origin	99.3	99.0	98.7	99.4	99.0	99.5	99.7	99.5	98.8	99.5	99.8	
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN												
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
White	97.4	95.6	93.7	98.8	97.8	99.4	99.6	98.9	96.4	99.2	99.6	
Not of Hispanic origin	97.0	95.0	93.0	98.4	97.1	99.2	99.4	98.6	95.8	98.9	99.5	

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County	Buchanan County
RACE OF HOUSEHOLDER										
Occupied housing units	3 419	2 005	5 268	5 609	2 936	8 518	46 932	9 827	8 394	7 506
White	3 415	2 002	5 253	5 555	2 936	8 489	43 637	9 782	8 369	7 496
Black	—	—	2	26	—	2	2 937	5	12	3
American Indian, Eskimo, or Aleut	—	3	13	16	—	25	58	9	3	4
American Indian	—	3	13	16	—	25	58	9	3	4
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	4	—	—	10	—	2	231	31	10	3
Asian	4	—	—	10	—	2	231	31	10	3
Chinese	—	—	—	4	—	—	86	—	—	—
Filipino	2	—	—	—	—	—	19	6	—	3
Japanese	—	—	—	—	—	—	12	—	—	—
Asian Indian	—	—	—	6	—	—	53	—	—	—
Korean	—	—	—	—	—	—	29	—	—	—
Vietnamese	—	—	—	—	—	—	8	6	6	—
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	—	—	—	—	8	—	—	—
Thai	2	—	—	—	—	—	—	—	—	—
Other Asian	—	—	—	—	—	2	16	19	4	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	—	—	—	2	—	—	69	—	—	—
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	3 419	2 005	5 268	5 609	2 936	8 518	46 932	9 827	8 394	7 506
Hispanic origin (of any race)	4	2	11	17	2	18	228	8	7	11
Mexican	2	—	2	5	2	7	153	8	—	7
Puerto Rican	2	—	—	—	—	—	9	—	—	—
Cuban	—	—	2	—	—	—	—	—	—	—
Other Hispanic	—	2	7	12	—	11	66	—	7	4
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	—	9	26	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	8	10	—	—	—
Honduran	—	—	—	—	—	—	10	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	1	6	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	—	—	—	—	—	8	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	8	—	—	—
All other Hispanic	—	2	7	12	—	2	32	—	7	4
Not of Hispanic origin	3 415	2 003	5 257	5 592	2 934	8 500	46 704	9 819	8 387	7 495
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	3 419	2 005	5 268	5 609	2 936	8 518	46 932	9 827	8 394	7 506
White	3 415	2 002	5 253	5 555	2 936	8 489	43 637	9 782	8 369	7 496
Hispanic origin	4	2	8	17	2	18	145	8	7	11
Not of Hispanic origin	3 411	2 000	5 245	5 538	2 934	8 471	43 492	9 774	8 362	7 485
Black	—	—	2	26	—	2	2 937	5	12	3
Hispanic origin	—	—	2	—	—	—	14	—	—	—
Not of Hispanic origin	—	—	—	26	—	2	2 923	5	12	3
American Indian, Eskimo, or Aleut	—	3	13	16	—	25	58	9	3	4
Hispanic origin	—	—	1	—	—	—	—	—	—	—
Not of Hispanic origin	—	3	12	16	—	25	58	9	3	4
Asian or Pacific Islander	4	—	—	10	—	2	231	31	10	3
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	4	—	—	10	—	2	231	31	10	3
Other race	—	—	—	2	—	—	69	—	—	—
Hispanic origin	—	—	—	—	—	—	69	—	—	—
Not of Hispanic origin	—	—	—	2	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.9	99.9	99.7	99.0	100.0	99.7	93.0	99.5	99.7	99.9
Black	—	—	—	.5	—	—	6.3	.1	.1	—
American Indian, Eskimo, or Aleut	—	.1	.2	.3	—	.3	.1	.1	—	.1
American Indian	—	.1	.2	.3	—	.3	.1	.1	—	.1
Asian or Pacific Islander .....	.1	—	—	.2	—	—	.5	.3	.1	—
Asian .....	.1	—	—	.2	—	—	.5	.3	.1	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	—	—	—	—	—	—	.1	—	—	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race) .....	.1	.1	.2	.3	.1	.2	.5	.1	.1	.1
Mexican .....	.1	—	—	.1	.1	.1	.3	.1	—	.1
Puerto Rican .....	.1	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	.1	.1	.2	—	.1	.1	—	.1	.1
Not of Hispanic origin	99.9	99.9	99.8	99.7	99.9	99.8	99.5	99.9	99.9	99.9
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.9	99.9	99.7	99.0	100.0	99.7	93.0	99.5	99.7	99.9
Not of Hispanic origin	99.8	99.8	99.6	98.7	99.9	99.4	92.7	99.5	99.6	99.7

DETAILED HOUSING CHARACTERISTICS

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County	Clarke County
RACE OF HOUSEHOLDER										
Occupied housing units	7 515	6 036	4 684	7 964	6 177	6 684	19 061	5 514	5 040	3 343
White	7 355	6 028	4 673	7 950	6 162	6 674	18 802	5 486	5 040	3 336
Black	26	2	—	—	1	2	122	17	—	—
American Indian, Eskimo, or Aleut	10	6	2	6	11	—	—	—	—	—
American Indian	10	6	2	6	11	—	—	—	—	—
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	108	—	7	8	—	—	52	11	—	7
Asian	108	—	7	8	—	—	52	11	—	7
Chinese	—	—	2	—	—	—	19	8	—	—
Filipino	—	—	1	6	—	—	—	—	—	—
Japanese	—	—	2	—	—	—	9	—	—	—
Asian Indian	8	—	—	2	—	—	—	—	—	—
Korean	—	—	—	—	—	—	8	—	—	—
Vietnamese	—	—	—	—	—	—	—	—	—	7
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	99	—	—	—	—	—	16	—	—	—
Thai	—	—	2	—	—	—	—	3	—	—
Other Asian	1	—	—	—	—	—	—	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	16	—	2	—	3	8	85	—	—	—
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	7 515	6 036	4 684	7 964	6 177	6 684	19 061	5 514	5 040	3 343
Hispanic origin (of any race)	34	8	8	14	19	28	299	1	23	8
Mexican	24	2	8	—	8	14	282	1	8	8
Puerto Rican	—	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	11	—	—	—
Other Hispanic	10	6	—	14	11	14	6	—	15	—
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	5	—	—	—	—	2	—	—	—	—
Costa Rican	—	—	—	—	—	2	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	5	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	2	—	—	—	4	—	—	—	—
Argentinean	—	—	—	—	—	4	—	—	—	—
Chilean	—	2	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—	—
All other Hispanic	5	4	—	14	11	8	6	—	15	—
Not of Hispanic origin	7 481	6 028	4 676	7 950	6 158	6 656	18 762	5 513	5 017	3 335
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	7 515	6 036	4 684	7 964	6 177	6 684	19 061	5 514	5 040	3 343
White	7 355	6 028	4 673	7 950	6 162	6 674	18 802	5 486	5 040	3 336
Hispanic origin	13	8	6	14	8	20	214	1	23	8
Not of Hispanic origin	7 342	6 020	4 667	7 936	6 154	6 654	18 588	5 485	5 017	3 328
Black	26	2	—	—	1	2	122	17	—	—
Hispanic origin	5	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	21	2	—	—	1	2	122	17	—	—
American Indian, Eskimo, or Aleut	10	6	2	6	11	—	—	—	—	—
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	10	6	2	6	11	—	—	—	—	—
Asian or Pacific Islander	108	—	7	8	—	—	52	11	—	7
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	108	—	7	8	—	—	52	11	—	7
Other race	16	—	2	—	3	8	85	—	—	—
Hispanic origin	16	—	2	—	3	8	85	—	—	—
Not of Hispanic origin	—	—	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	97.9	99.9	99.8	99.8	99.8	99.9	98.6	99.5	100.0	99.8
Black	.3	—	—	—	—	—	.6	.3	—	—
American Indian, Eskimo, or Aleut	.1	.1	—	.1	.2	—	—	—	—	—
American Indian	.1	.1	—	.1	.2	—	—	—	—	—
Asian or Pacific Islander	1.4	—	.1	.1	—	—	.3	.2	—	.2
Asian	1.4	—	.1	.1	—	—	.3	.2	—	.2
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	.2	—	—	—	—	.1	.4	—	—	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.5	.1	.2	.2	.3	.4	1.6	—	.5	.2
Mexican	.3	—	.2	—	.1	.2	1.5	—	.2	.2
Puerto Rican	—	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	.1	.1	—	.2	.2	.2	.1	—	.3	—
Not of Hispanic origin	99.5	99.9	99.8	99.8	99.7	99.6	98.4	100.0	99.5	99.8
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	97.9	99.9	99.8	99.8	99.8	99.9	98.6	99.5	100.0	99.8
Not of Hispanic origin	97.7	99.7	99.6	99.6	99.6	99.6	97.5	99.5	99.5	99.6

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Clay County	Clayton County	Clinton County	Crawford County	Dallas County	Davis County	Decatur County	Delaware County	Des Moines County	Dickinson County
RACE OF HOUSEHOLDER										
Occupied housing units	7 074	7 218	19 757	6 397	11 204	3 093	3 207	6 389	16 874	6 160
White	7 008	7 206	19 471	6 373	11 149	3 081	3 191	6 362	16 341	6 144
Black	10	4	178	8	11	4	3	—	399	—
American Indian, Eskimo, or Aleut	47	—	72	8	20	8	2	15	30	13
American Indian	47	—	72	8	20	8	2	15	30	13
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	1	6	26	16	13	—	9	11	39	2
Asian	1	6	24	16	13	—	9	11	32	2
Chinese	—	—	6	—	—	—	—	—	12	2
Filipino	—	—	8	7	—	—	4	—	6	—
Japanese	—	3	—	—	6	—	—	—	—	—
Asian Indian	1	—	—	—	7	—	3	—	—	—
Korean	—	3	10	—	—	—	—	—	10	—
Vietnamese	—	—	—	—	—	—	—	—	—	—
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	—	9	—	—	2	—	—	—
Thai	—	—	—	—	—	—	—	—	4	—
Other Asian	—	—	—	—	—	—	—	11	—	—
Pacific Islander	—	—	2	—	—	—	—	—	7	—
Hawaiian	—	—	—	—	—	—	—	—	7	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	2	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	8	2	10	—	11	—	2	1	65	1
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	7 074	7 218	19 757	6 397	11 204	3 093	3 207	6 389	16 874	6 160
Hispanic origin (of any race)	8	7	29	28	60	5	10	12	137	8
Mexican	8	7	27	21	42	—	—	7	98	6
Puerto Rican	—	—	2	—	—	—	—	—	10	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	—	—	7	18	5	10	5	29	2
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	—	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	—	—	—	—	—	2	—	6	—
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	2	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	6	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—	—
All other Hispanic	—	—	—	7	18	5	8	5	23	2
Not of Hispanic origin	7 066	7 211	19 728	6 369	11 144	3 088	3 197	6 377	16 737	6 152
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	7 074	7 218	19 757	6 397	11 204	3 093	3 207	6 389	16 874	6 160
White	7 008	7 206	19 471	6 373	11 149	3 081	3 191	6 362	16 341	6 144
Hispanic origin	—	5	19	21	49	5	8	11	64	7
Not of Hispanic origin	7 008	7 201	19 452	6 352	11 100	3 076	3 183	6 351	16 277	6 137
Black	10	4	178	8	11	4	3	—	399	—
Hispanic origin	—	—	—	—	—	—	—	—	8	—
Not of Hispanic origin	10	4	178	8	11	4	3	—	391	—
American Indian, Eskimo, or Aleut	47	—	72	8	20	8	2	15	30	13
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	47	—	72	8	20	8	2	15	30	13
Asian or Pacific Islander	1	6	26	16	13	—	9	11	39	2
Hispanic origin	—	—	—	7	—	—	—	—	—	—
Not of Hispanic origin	1	6	26	9	13	—	9	11	39	2
Other race	8	2	10	—	11	—	2	1	65	1
Hispanic origin	8	2	10	—	11	—	2	1	65	1
Not of Hispanic origin	—	—	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.1	99.8	98.6	99.6	99.5	99.6	99.5	99.6	96.8	99.7
Black	.1	.1	.9	—	.1	.1	.1	—	2.4	—
American Indian, Eskimo, or Aleut	.7	—	.4	.1	.2	.3	.1	.2	.2	.2
American Indian	.7	—	.4	.1	.2	.3	.1	.2	.2	.2
Asian or Pacific Islander	—	.1	.1	.3	.1	—	.3	.2	.2	—
Asian	—	.1	.1	.3	.1	—	.3	.2	.2	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	.1	—	.1	—	.1	—	.1	—	.4	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.1	.1	.1	.4	.5	.2	.3	.2	.8	.1
Mexican	.1	.1	.1	.3	.4	—	—	.1	.6	.1
Puerto Rican	—	—	—	—	—	—	—	—	.1	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	—	—	.1	.2	.2	.3	.1	.2	—
Not of Hispanic origin	99.9	99.9	99.9	99.6	99.5	99.8	99.7	99.8	99.2	99.9
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.1	99.8	98.6	99.6	99.5	99.6	99.5	99.6	96.8	99.7
Not of Hispanic origin	99.1	99.8	98.5	99.3	99.1	99.5	99.3	99.4	96.5	99.6

DETAILED HOUSING CHARACTERISTICS

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Dubuque County	Emmet County	Fayette County	Floyd County	Franklin County	Fremont County	Greene County	Grundy County	Guthrie County	Hamilton County
RACE OF HOUSEHOLDER										
Occupied housing units	30 799	4 461	8 490	6 721	4 579	3 217	4 195	4 776	4 407	6 358
White	30 576	4 454	8 434	6 719	4 548	3 190	4 176	4 767	4 396	6 306
Black	57	—	11	—	—	3	—	1	4	—
American Indian, Eskimo, or Aleut	43	2	9	—	8	7	—	4	3	15
American Indian	43	2	9	—	3	7	—	4	3	15
Eskimo	—	—	—	—	5	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	98	5	7	—	—	6	16	4	—	28
Asian	98	5	—	—	—	4	16	4	—	28
Chinese	16	—	—	—	—	—	—	—	—	8
Filipino	23	—	—	—	—	—	6	2	—	—
Japanese	20	—	—	—	—	4	—	—	—	—
Asian Indian	24	—	—	—	—	—	—	—	—	—
Korean	—	—	—	—	—	—	—	—	—	—
Vietnamese	7	—	—	—	—	—	—	2	—	7
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	—	—	—	—	10	—	—	13
Thai	5	5	—	—	—	—	—	—	—	—
Other Asian	3	—	—	—	—	—	—	—	—	—
Pacific Islander	—	—	7	—	—	2	—	—	—	—
Hawaiian	—	—	—	—	—	2	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	7	—	—	—	—	—	—	—
Other race	25	—	29	2	23	11	3	—	4	9
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	30 799	4 461	8 490	6 721	4 579	3 217	4 195	4 776	4 407	6 358
Hispanic origin (of any race)	74	12	57	33	40	18	13	5	8	21
Mexican	36	6	55	13	29	16	3	1	4	19
Puerto Rican	12	—	—	—	—	2	—	—	—	2
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	26	6	2	20	11	—	10	4	4	—
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	3	—	—	5	11	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	5	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	11	—	—	—	—	—
Salvadoran	3	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	10	—	—	—	—	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	3	—	—	—	—	—	—	—	—	—
Venezuelan	7	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—	—
All other Hispanic	13	6	2	15	—	—	10	4	4	—
Not of Hispanic origin	30 725	4 449	8 433	6 688	4 539	3 199	4 182	4 771	4 399	6 337
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	30 799	4 461	8 490	6 721	4 579	3 217	4 195	4 776	4 407	6 358
White	30 576	4 454	8 434	6 719	4 548	3 190	4 176	4 767	4 396	6 306
Hispanic origin	49	12	28	31	17	7	10	3	4	12
Not of Hispanic origin	30 527	4 442	8 406	6 688	4 531	3 183	4 166	4 764	4 392	6 294
Black	57	—	11	—	—	3	—	1	4	—
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	57	—	11	—	—	3	—	1	4	—
American Indian, Eskimo, or Aleut	43	2	9	—	8	7	—	4	3	15
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	43	2	9	—	8	7	—	4	3	15
Asian or Pacific Islander	98	5	7	—	—	6	16	4	—	28
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	98	5	7	—	—	6	16	4	—	28
Other race	25	—	29	2	23	11	3	—	4	9
Hispanic origin	25	—	29	2	23	11	3	—	4	9
Not of Hispanic origin	—	—	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.3	99.8	99.3	100.0	99.3	99.2	99.5	99.8	99.8	99.2
Black	.2	—	.1	—	—	.1	—	—	.1	—
American Indian, Eskimo, or Aleut	.1	—	.1	—	.2	.2	—	.1	.1	.2
American Indian	.1	—	.1	—	.1	.2	—	.1	.1	.2
Asian or Pacific Islander	.3	.1	.1	—	—	.2	.4	.1	—	.4
Asian	.3	.1	—	—	—	.1	.4	.1	—	.4
Pacific Islander	—	—	.1	—	—	.1	—	—	—	—
Other race	.1	—	.3	—	.5	.3	.1	—	.1	.1
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.2	.3	.7	.5	.9	.6	.3	.1	.2	.3
Mexican	.1	.1	.6	.2	.6	.5	.1	—	.1	.3
Puerto Rican	—	—	—	—	—	.1	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	.1	.1	—	.3	.2	—	.2	.1	.1	—
Not of Hispanic origin	99.8	99.7	99.3	99.5	99.1	99.4	99.7	99.9	99.8	99.7
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.3	99.8	99.3	100.0	99.3	99.2	99.5	99.8	99.8	99.2
Not of Hispanic origin	99.1	99.6	99.0	99.5	99.0	98.9	99.3	99.7	99.7	99.0

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hancock County	Hardin County	Harrison County	Henry County	Howard County	Humboldt County	Ida County	Iowa County	Jackson County	Jasper County
RACE OF HOUSEHOLDER										
Occupied housing units	4 867	7 611	5 656	7 089	3 856	4 339	3 222	5 713	7 527	13 632
White	4 843	7 567	5 632	7 055	3 845	4 331	3 214	5 704	7 503	13 546
Black	—	11	—	2	9	4	—	1	7	27
American Indian, Eskimo, or Aleut	—	4	19	4	2	—	4	3	9	18
American Indian	—	4	19	4	2	—	4	3	9	18
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	4	17	5	19	—	4	2	3	1	24
Asian	4	17	5	19	—	4	2	3	1	24
Chinese	—	—	—	—	—	—	—	—	—	—
Filipino	—	—	1	—	—	—	—	—	—	—
Japanese	—	7	2	—	—	—	—	—	1	2
Asian Indian	—	—	—	6	—	—	—	2	—	—
Korean	—	10	—	—	—	—	—	—	—	9
Vietnamese	—	—	—	—	—	—	—	—	—	5
Cambodian	—	—	2	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	—	7	—	4	—	—	—	8
Thai	—	—	—	—	—	—	—	—	—	—
Other Asian	4	—	—	6	—	—	2	1	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	20	12	—	9	—	—	2	2	7	17
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 867	7 611	5 656	7 089	3 856	4 339	3 222	5 713	7 527	13 632
Hispanic origin (of any race)	23	35	15	20	6	—	14	7	12	59
Mexican	19	23	9	15	6	—	4	7	10	31
Puerto Rican	—	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	4	12	6	5	—	—	10	—	2	28
Dominican (Dominican Republic)	—	—	3	—	—	—	—	—	—	—
Central American	—	7	—	—	—	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—	—
Salvadoran	—	7	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	5	—	—	—	—	—	—	—	7
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—	7
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	5	—	—	—	—	—	—	—	—
All other Hispanic	4	—	3	5	—	—	10	—	2	21
Not of Hispanic origin	4 844	7 576	5 641	7 069	3 850	4 339	3 208	5 706	7 515	13 573
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 867	7 611	5 656	7 089	3 856	4 339	3 222	5 713	7 527	13 632
White	4 843	7 567	5 632	7 055	3 845	4 331	3 214	5 704	7 503	13 546
Hispanic origin	3	23	15	11	6	—	12	5	5	42
Not of Hispanic origin	4 840	7 544	5 617	7 044	3 839	4 331	3 202	5 699	7 498	13 504
Black	—	11	—	2	9	4	—	1	7	27
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	11	—	2	9	4	—	1	7	27
American Indian, Eskimo, or Aleut	—	4	19	4	2	—	4	3	9	18
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	4	19	4	2	—	4	3	9	18
Asian or Pacific Islander	4	17	5	19	—	4	2	3	1	24
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	4	17	5	19	—	4	2	3	1	24
Other race	20	12	—	9	—	—	2	2	7	17
Hispanic origin	20	12	—	9	—	—	2	2	7	17
Not of Hispanic origin	—	—	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.5	99.4	99.6	99.5	99.7	99.8	99.8	99.8	99.7	99.4
Black	—	.1	—	—	.2	.1	—	—	.1	.2
American Indian, Eskimo, or Aleut	—	.1	.3	.1	.1	—	.1	.1	.1	.1
American Indian	—	.1	.3	.1	.1	—	.1	.1	.1	.1
Asian or Pacific Islander	.1	.2	.1	.3	—	.1	.1	.1	—	.2
Asian	.1	.2	.1	.3	—	.1	.1	.1	—	.2
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	.4	.2	—	.1	—	—	.1	—	.1	.1
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.5	.5	.3	.3	.2	—	.4	.1	.2	.4
Mexican	.4	.3	.2	.2	.2	—	.1	.1	.1	.2
Puerto Rican	—	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	.1	.2	.1	.1	—	—	.3	—	—	.2
Not of Hispanic origin	99.5	99.5	99.7	99.7	99.8	100.0	99.6	99.9	99.8	99.6
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.5	99.4	99.6	99.5	99.7	99.8	99.8	99.8	99.7	99.4
Not of Hispanic origin	99.4	99.1	99.3	99.4	99.6	99.8	99.4	99.8	99.6	99.1

DETAILED HOUSING CHARACTERISTICS

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Jefferson County	Johnson County	Jones County	Keokuk County	Kossuth County	Lee County	Linn County	Louisa County	Lucas County	Lyon County
RACE OF HOUSEHOLDER										
Occupied housing units	6 309	36 067	6 917	4 573	7 194	14 936	65 501	4 296	3 766	4 289
White	6 252	33 959	6 894	4 558	7 176	14 455	64 021	4 201	3 744	4 278
Black	5	600	—	—	—	338	972	19	—	—
American Indian, Eskimo, or Aleut	16	30	13	11	9	16	62	12	13	4
American Indian	16	30	13	11	9	16	62	12	13	4
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	29	1 325	—	4	4	22	335	6	—	7
Asian	29	1 309	—	4	4	22	326	6	—	7
Chinese	16	554	—	—	—	—	47	—	—	—
Filipino	—	25	—	—	—	7	44	—	—	—
Japanese	—	107	—	—	—	—	19	—	—	2
Asian Indian	13	167	—	—	—	—	74	—	—	—
Korean	—	273	—	—	—	3	25	—	—	—
Vietnamese	—	70	—	—	—	12	46	6	—	—
Cambodian	—	—	—	—	—	—	8	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	28	—	—	—	—	25	—	—	2
Thai	—	17	—	2	—	—	26	—	—	3
Other Asian	—	68	—	2	4	—	12	—	—	—
Pacific Islander	—	16	—	—	—	—	9	—	—	—
Hawaiian	—	16	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	9	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	7	153	10	—	5	105	111	58	9	—
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	6 309	36 067	6 917	4 573	7 194	14 936	65 501	4 296	3 766	4 289
Hispanic origin (of any race)	47	417	18	4	5	203	414	93	4	—
Mexican	21	162	12	—	5	189	283	84	4	—
Puerto Rican	—	37	—	—	—	3	25	—	—	—
Cuban	—	35	—	—	—	6	12	—	—	—
Other Hispanic	26	183	6	4	5	5	94	9	—	—
Dominican (Dominican Republic)	6	—	—	—	—	—	5	—	—	—
Central American	—	44	—	—	—	5	—	6	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	13	—	—	—	—	—	6	—	—
Honduran	—	9	—	—	—	—	—	—	—	—
Nicaraguan	—	6	—	—	—	5	—	—	—	—
Panamanian	—	9	—	—	—	—	—	—	—	—
Salvadoran	—	7	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	86	—	—	—	—	12	—	—	—
Argentinean	—	8	—	—	—	—	—	—	—	—
Chilean	—	36	—	—	—	—	—	—	—	—
Colombian	—	9	—	—	—	—	6	—	—	—
Ecuadorian	—	15	—	—	—	—	—	—	—	—
Peruvian	—	11	—	—	—	—	—	—	—	—
Venezuelan	—	5	—	—	—	—	—	—	—	—
Other South American	—	2	—	—	—	—	6	—	—	—
All other Hispanic	20	53	6	4	—	—	77	3	—	—
Not of Hispanic origin	6 262	35 650	6 899	4 569	7 189	14 733	65 087	4 203	3 762	4 289
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	6 309	36 067	6 917	4 573	7 194	14 936	65 501	4 296	3 766	4 289
White	6 252	33 959	6 894	4 558	7 176	14 455	64 021	4 201	3 744	4 278
Hispanic origin	40	256	8	4	—	91	286	33	—	—
Not of Hispanic origin	6 212	33 703	6 886	4 554	7 176	14 364	63 735	4 168	3 744	4 278
Black	5	600	—	—	—	338	972	19	—	—
Hispanic origin	—	15	—	—	—	7	9	—	—	—
Not of Hispanic origin	5	585	—	—	—	331	963	19	—	—
American Indian, Eskimo, or Aleut	16	30	13	11	9	16	62	12	13	4
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	16	30	13	11	9	16	62	12	13	4
Asian or Pacific Islander	29	1 325	—	4	4	22	335	6	—	7
Hispanic origin	—	5	—	—	—	—	8	—	—	—
Not of Hispanic origin	29	1 320	—	4	4	22	327	6	—	7
Other race	7	153	10	—	5	105	111	58	9	—
Hispanic origin	7	141	10	—	5	105	111	58	3	—
Not of Hispanic origin	—	12	—	—	—	—	—	—	6	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.1	94.2	99.7	99.7	99.7	96.8	97.7	97.8	99.4	99.7
Black	.1	1.7	—	—	—	2.3	1.5	.4	—	—
American Indian, Eskimo, or Aleut	.3	.1	.2	.2	.1	.1	.1	.3	.3	.1
American Indian	.3	.1	.2	.2	.1	.1	.1	.3	.3	.1
Asian or Pacific Islander	.5	3.7	—	.1	.1	.1	.5	.1	—	.2
Asian	.5	3.6	—	.1	.1	.1	.5	.1	—	.2
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	.1	.4	.1	—	.1	.7	.2	1.4	.2	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.7	1.2	.3	.1	.1	1.4	.6	2.2	.1	—
Mexican	.3	.4	.2	—	.1	1.3	.4	2.0	.1	—
Puerto Rican	—	.1	—	—	—	—	—	—	—	—
Cuban	—	.1	—	—	—	—	—	—	—	—
Other Hispanic	.4	.5	.1	.1	—	—	.1	.2	—	—
Not of Hispanic origin	99.3	98.8	99.7	99.9	99.9	98.6	99.4	97.8	99.9	100.0
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.1	94.2	99.7	99.7	99.7	96.8	97.7	97.8	99.4	99.7
Not of Hispanic origin	98.5	93.4	99.6	99.6	99.7	96.2	97.3	97.0	99.4	99.7

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County	Muscatine County
RACE OF HOUSEHOLDER										
Occupied housing units	4 715	8 306	10 815	14 890	4 665	4 253	4 098	3 196	4 955	14 806
White	4 697	8 222	10 778	14 667	4 651	4 248	4 081	3 142	4 953	14 286
Black	2	41	—	84	—	5	—	30	—	63
American Indian, Eskimo, or Aleut	14	14	—	31	7	—	17	24	—	25
American Indian	14	14	—	31	7	—	17	24	—	25
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	—	14	37	65	—	—	—	—	—	34
Asian	—	14	37	65	—	—	—	—	—	34
Chinese	—	—	—	—	—	—	—	—	—	5
Filipino	—	—	6	—	—	—	—	—	—	—
Japanese	—	—	—	10	—	—	—	—	—	—
Asian Indian	—	—	13	14	—	—	—	—	—	7
Korean	—	—	—	—	—	—	—	—	—	—
Vietnamese	—	—	11	—	—	—	—	—	—	4
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	—	29	—	—	—	—	—	18
Thai	—	14	—	6	—	—	—	—	—	—
Other Asian	—	—	7	6	—	—	—	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	2	15	—	43	7	—	—	—	2	398
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 715	8 306	10 815	14 890	4 665	4 253	4 098	3 196	4 955	14 806
Hispanic origin (of any race)	4	29	30	59	13	9	4	—	—	671
Mexican	2	18	8	50	13	9	2	—	—	606
Puerto Rican	—	—	—	3	—	—	—	—	—	26
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	2	11	22	6	—	—	2	—	—	39
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	2	—	—	—	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—	—
Honduran	—	2	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	2	2	—	—	—	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	2	2	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—	—
All other Hispanic	—	7	22	6	—	—	2	—	—	39
Not of Hispanic origin	4 711	8 277	10 785	14 831	4 652	4 244	4 094	3 196	4 955	14 135
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 715	8 306	10 815	14 890	4 665	4 253	4 098	3 196	4 955	14 806
White	4 697	8 222	10 778	14 667	4 651	4 248	4 081	3 142	4 953	14 286
Hispanic origin	2	21	30	29	6	9	4	—	—	267
Not of Hispanic origin	4 695	8 201	10 748	14 638	4 645	4 239	4 077	3 142	4 953	14 019
Black	2	41	—	84	—	5	—	30	—	63
Hispanic origin	—	—	—	—	—	—	—	—	—	6
Not of Hispanic origin	2	41	—	84	—	5	—	30	—	57
American Indian, Eskimo, or Aleut	14	14	—	31	7	—	17	24	—	25
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	14	14	—	31	7	—	17	24	—	25
Asian or Pacific Islander	—	14	37	65	—	—	—	—	—	34
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	14	37	65	—	—	—	—	—	34
Other race	2	15	—	43	7	—	—	—	2	398
Hispanic origin	2	8	—	30	7	—	—	—	—	398
Not of Hispanic origin	—	7	—	13	—	—	—	—	2	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.6	99.0	99.7	98.5	99.7	99.9	99.6	98.3	100.0	96.5
Black	.5	.5	—	.6	—	.1	—	.9	—	.4
American Indian, Eskimo, or Aleut	.3	.2	—	.2	.2	—	.4	.8	—	.2
American Indian	.3	.2	—	.2	.2	—	.4	.8	—	.2
Asian or Pacific Islander	—	.2	.3	.4	—	—	—	—	—	.2
Asian	—	.2	.3	.4	—	—	—	—	—	.2
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	—	.2	—	.3	.2	—	—	—	—	2.7
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.1	.3	.3	.4	.3	.2	.1	—	—	4.5
Mexican	—	.2	.1	.3	.3	.2	—	—	—	4.1
Puerto Rican	—	—	—	—	—	—	—	—	—	.2
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	.1	.2	—	—	—	—	—	—	.3
Not of Hispanic origin	99.9	99.7	99.7	99.6	99.7	99.8	99.9	100.0	100.0	95.5
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.6	99.0	99.7	98.5	99.7	99.9	99.6	98.3	100.0	96.5
Not of Hispanic origin	99.6	98.7	99.4	98.3	99.6	99.7	99.5	98.3	100.0	94.7

DETAILED HOUSING CHARACTERISTICS

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County	Ringgold County
RACE OF HOUSEHOLDER										
Occupied housing units	5 980	2 817	6 687	4 183	8 417	3 820	129 237	31 262	7 158	2 218
White	5 971	2 806	6 654	4 172	8 398	3 815	121 461	30 810	7 130	2 214
Black	—	2	9	2	2	2	5 300	183	9	—
American Indian, Eskimo, or Aleut	2	2	12	7	9	2	347	91	1	—
American Indian	2	2	12	7	9	2	347	91	1	—
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	5	—	6	2	—	—	1 512	65	18	4
Asian	5	—	6	2	—	—	1 471	54	18	4
Chinese	—	—	—	—	—	—	146	9	18	—
Filipino	—	—	—	—	—	—	47	13	—	2
Japanese	—	—	6	—	—	—	112	15	—	—
Asian Indian	1	—	—	—	—	—	193	—	—	2
Korean	—	—	—	—	—	—	148	15	—	—
Vietnamese	—	—	—	—	—	—	188	—	—	—
Cambodian	—	—	—	—	—	—	78	—	—	—
Hmong	—	—	—	—	—	—	63	—	—	—
Laotian	2	—	—	2	—	—	349	—	—	—
Thai	2	—	—	—	—	—	82	—	—	—
Other Asian	—	—	—	—	—	—	65	2	—	—
Pacific Islander	—	—	—	—	—	—	41	11	—	—
Hawaiian	—	—	—	—	—	—	20	11	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	21	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	2	7	6	—	8	1	617	113	—	—
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	5 980	2 817	6 687	4 183	8 417	3 820	129 237	31 262	7 158	2 218
Hispanic origin (of any race)	12	7	24	—	2	3	1 577	359	8	6
Mexican	4	7	22	—	2	1	1 231	311	—	4
Puerto Rican	—	—	—	—	—	—	36	—	—	—
Cuban	—	—	—	—	—	—	49	2	—	—
Other Hispanic	8	—	2	—	—	2	261	46	8	2
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	—	—	42	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	10	—	—	—
Honduran	—	—	—	—	—	—	7	—	—	—
Nicaraguan	—	—	—	—	—	—	7	—	—	—
Panamanian	—	—	—	—	—	—	8	—	—	—
Salvadoran	—	—	—	—	—	—	17	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	—	—	—	—	2	31	—	—	—
Argentinean	—	—	—	—	—	—	5	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	8	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	2	18	—	—	—
All other Hispanic	8	—	2	—	—	—	188	46	8	2
Not of Hispanic origin	5 968	2 810	6 663	4 183	8 415	3 817	127 660	30 903	7 150	2 212
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	5 980	2 817	6 687	4 183	8 417	3 820	129 237	31 262	7 158	2 218
White	5 971	2 806	6 654	4 172	8 398	3 815	121 461	30 810	7 130	2 214
Hispanic origin	10	—	18	—	—	2	944	240	3	6
Not of Hispanic origin	5 961	2 806	6 636	4 172	8 398	3 813	120 517	30 570	7 127	2 208
Black	—	2	9	2	2	2	5 300	183	9	—
Hispanic origin	—	—	—	—	—	—	15	—	—	—
Not of Hispanic origin	—	2	9	2	2	2	5 285	183	9	—
American Indian, Eskimo, or Aleut	2	2	12	7	9	2	347	91	1	—
Hispanic origin	—	—	—	—	—	—	23	8	—	—
Not of Hispanic origin	2	2	12	7	9	2	324	83	1	—
Asian or Pacific Islander	5	—	6	2	—	—	1 512	65	18	4
Hispanic origin	—	—	—	—	—	—	—	—	5	—
Not of Hispanic origin	5	—	6	2	—	—	1 512	65	13	4
Other race	2	7	6	—	8	1	617	113	—	—
Hispanic origin	2	7	6	—	2	1	595	111	—	—
Not of Hispanic origin	—	—	—	—	6	—	22	2	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.8	99.6	99.5	99.7	99.8	99.9	94.0	98.6	99.6	99.8
Black	—	.1	.1	—	—	.1	4.1	.6	.1	—
American Indian, Eskimo, or Aleut	—	.1	.2	.2	.1	.1	.3	.3	—	—
American Indian	—	.1	.2	.2	.1	.1	.3	.3	—	—
Asian or Pacific Islander	.1	—	.1	—	—	—	1.2	.2	.3	.2
Asian	.1	—	.1	—	—	—	1.1	.2	.3	.2
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	—	.2	.1	—	.1	—	.5	.4	—	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.2	.2	.4	—	—	.1	1.2	1.1	.1	.3
Mexican	.1	.2	.3	—	—	—	1.0	1.0	—	—
Puerto Rican	—	—	—	—	—	—	—	—	—	.2
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	.1	—	—	—	—	.1	.2	.1	.1	.1
Not of Hispanic origin	99.8	99.8	99.6	100.0	100.0	99.9	98.8	98.9	99.9	99.7
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.8	99.6	99.5	99.7	99.8	99.9	94.0	98.6	99.6	99.8
Not of Hispanic origin	99.7	99.6	99.2	99.7	99.8	99.8	93.3	97.8	99.6	99.5

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County	Wapello County
RACE OF HOUSEHOLDER										
Occupied housing units	4 914	57 438	5 024	9 925	25 941	6 768	2 859	5 173	3 056	14 555
White	4 898	53 979	4 992	9 881	24 374	6 551	2 852	5 146	3 052	14 315
Black	1	2 559	7	2	370	1	—	17	—	151
American Indian, Eskimo, or Aleut	8	250	11	10	33	186	2	10	4	27
American Indian	8	250	11	10	33	186	2	10	4	27
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	5	267	9	18	1 097	16	—	—	—	35
Asian	5	267	9	15	1 097	16	—	—	—	35
Chinese	—	44	9	8	355	—	—	—	—	18
Filipino	5	22	—	—	47	2	—	—	—	—
Japanese	—	38	—	—	58	—	—	—	—	8
Asian Indian	—	30	—	—	250	2	—	—	—	—
Korean	—	11	—	—	158	—	—	—	—	—
Vietnamese	—	87	—	—	17	—	—	—	—	—
Cambodian	—	10	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	—	5	27	11	—	—	—	3
Thai	—	13	—	2	14	—	—	—	—	6
Other Asian	—	12	—	—	171	1	—	—	—	—
Pacific Islander	—	—	—	3	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—	—
Samoa	—	—	—	3	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	2	383	5	14	67	14	5	—	—	27
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 914	57 438	5 024	9 925	25 941	6 768	2 859	5 173	3 056	14 555
Hispanic origin (of any race)	8	1 001	9	19	124	17	7	5	3	45
Mexican	8	854	9	15	35	15	5	5	3	37
Puerto Rican	—	41	—	—	8	—	—	—	—	—
Cuban	—	—	—	—	—	—	2	—	—	—
Other Hispanic	—	106	—	4	81	2	—	—	—	8
Dominican (Dominican Republic)	—	—	—	—	8	—	—	—	—	—
Central American	—	28	—	—	25	—	—	—	—	—
Costa Rican	—	—	—	—	5	—	—	—	—	—
Guatemalan	—	—	—	—	4	—	—	—	—	—
Honduran	—	15	—	—	6	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	13	—	—	10	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	46	—	2	30	—	—	—	—	—
Argentinean	—	10	—	—	—	—	—	—	—	—
Chilean	—	6	—	—	—	—	—	—	—	—
Colombian	—	12	—	2	12	—	—	—	—	—
Ecuadorian	—	9	—	—	—	—	—	—	—	—
Peruvian	—	9	—	—	12	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	6	—	—	—	—	—
All other Hispanic	—	32	—	2	18	2	—	—	—	8
Not of Hispanic origin	4 906	56 437	5 015	9 906	25 817	6 751	2 852	5 168	3 053	14 510
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 914	57 438	5 024	9 925	25 941	6 768	2 859	5 173	3 056	14 555
White	4 898	53 979	4 992	9 881	24 374	6 551	2 852	5 146	3 052	14 315
Hispanic origin	4	599	9	5	50	2	2	5	3	24
Not of Hispanic origin	4 894	53 380	4 983	9 876	24 324	6 549	2 850	5 141	3 049	14 291
Black	1	2 559	7	2	370	1	—	17	—	151
Hispanic origin	—	7	—	—	—	—	—	—	—	—
Not of Hispanic origin	1	2 552	7	2	370	1	—	17	—	151
American Indian, Eskimo, or Aleut	8	250	11	10	33	186	2	10	4	27
Hispanic origin	2	17	—	—	—	1	—	—	—	—
Not of Hispanic origin	6	233	11	10	33	185	2	10	4	27
Asian or Pacific Islander	5	267	9	18	1 097	16	—	—	—	35
Hispanic origin	—	9	—	—	7	—	—	—	—	—
Not of Hispanic origin	5	258	9	18	1 090	16	—	—	—	35
Other race	2	383	5	14	67	14	5	—	—	27
Hispanic origin	2	369	—	14	67	14	5	—	—	21
Not of Hispanic origin	—	14	5	—	—	—	—	—	—	6
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.7	94.0	99.4	99.6	94.0	96.8	99.8	99.5	99.9	98.4
Black	—	4.5	.1	—	1.4	—	—	.3	—	1.0
American Indian, Eskimo, or Aleut	.2	.4	.2	.1	.1	2.7	.1	.2	.1	.2
American Indian	.2	.4	.2	.1	.1	2.7	.1	.2	.1	.2
Asian or Pacific Islander	.1	.5	.2	.2	4.2	.2	—	—	—	.2
Asian	.1	.5	.2	.2	4.2	.2	—	—	—	.2
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	—	.7	.1	.1	.3	.2	.2	—	—	.2
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.2	1.7	.2	.2	.5	.3	.2	.1	.1	.3
Mexican	.2	1.5	.2	.2	.1	.2	.2	.1	.1	.3
Puerto Rican	—	.1	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	.1	—	—	—
Other Hispanic	—	.2	—	—	.3	—	—	—	—	.1
Not of Hispanic origin	99.8	98.3	99.8	99.8	99.5	99.7	99.8	99.9	99.9	99.7
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.7	94.0	99.4	99.6	94.0	96.8	99.8	99.5	99.9	98.4
Not of Hispanic origin	99.6	92.9	99.2	99.5	93.8	96.8	99.7	99.4	99.8	98.2

DETAILED HOUSING CHARACTERISTICS

Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Warren County	Washington County	Wayne County	Webster County	Winnebago County	Winneshiak County	Woodbury County	Worth County	Wright County
RACE OF HOUSEHOLDER									
Occupied housing units	12 659	7 454	2 953	15 963	4 704	7 256	36 899	3 239	5 899
White	12 565	7 383	2 948	15 612	4 676	7 238	35 330	3 226	5 883
Black	5	28	—	207	—	—	565	2	—
American Indian, Eskimo, or Aleut	22	17	2	84	12	—	392	—	2
American Indian	22	17	2	84	12	—	392	—	2
Eskimo	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	30	2	3	29	14	18	324	—	5
Asian	23	2	3	29	14	18	324	—	5
Chinese	—	—	—	14	—	—	39	—	—
Filipino	6	—	—	—	—	—	51	—	—
Japanese	6	—	—	—	—	—	4	—	—
Asian Indian	7	—	—	—	—	—	4	—	—
Korean	—	—	—	6	—	4	7	—	—
Vietnamese	—	—	—	—	14	14	60	—	—
Cambodian	—	2	—	—	—	—	51	—	—
Hmong	—	—	—	—	—	—	6	—	—
Laotian	—	—	—	—	—	—	93	—	—
Thai	—	—	3	—	—	—	7	—	—
Other Asian	4	—	—	9	—	—	2	—	5
Pacific Islander	7	—	—	—	—	—	—	—	—
Hawaiian	7	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—
Other race	37	24	—	31	2	—	288	11	9
HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	12 659	7 454	2 953	15 963	4 704	7 256	36 899	3 239	5 899
Hispanic origin (of any race)	57	51	4	134	12	—	557	22	34
Mexican	28	31	2	109	8	—	484	22	28
Puerto Rican	12	—	—	—	—	—	19	—	—
Cuban	—	2	—	3	—	—	12	—	—
Other Hispanic	17	18	2	22	4	—	42	—	6
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	2	—	6	—	—
Costa Rican	—	—	—	—	2	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	6	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—
South American	—	—	—	—	—	—	—	—	6
Argentinean	—	—	—	—	—	—	—	—	6
Chilean	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—
All other Hispanic	17	18	2	22	2	—	36	—	—
Not of Hispanic origin	12 602	7 403	2 949	15 829	4 692	7 256	36 342	3 217	5 865
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	12 659	7 454	2 953	15 963	4 704	7 256	36 899	3 239	5 899
White	12 565	7 383	2 948	15 612	4 676	7 238	35 330	3 226	5 883
Hispanic origin	14	27	4	103	10	—	217	11	25
Not of Hispanic origin	12 551	7 356	2 944	15 509	4 666	7 238	35 113	3 215	5 858
Black	5	28	—	207	—	—	565	2	—
Hispanic origin	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	5	28	—	207	—	—	565	2	—
American Indian, Eskimo, or Aleut	22	17	2	84	12	—	392	—	2
Hispanic origin	—	—	—	—	—	—	54	—	—
Not of Hispanic origin	22	17	2	84	12	—	338	—	2
Asian or Pacific Islander	30	2	3	29	14	18	324	—	5
Hispanic origin	6	—	—	—	—	—	2	—	—
Not of Hispanic origin	24	2	3	29	14	18	322	—	5
Other race	37	24	—	31	2	—	288	11	9
Hispanic origin	37	24	—	31	2	—	284	11	9
Not of Hispanic origin	—	—	—	—	—	—	4	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.3	99.0	99.8	97.8	99.4	99.8	95.7	99.6	99.7
Black	—	.4	—	1.3	—	—	1.5	.1	—
American Indian, Eskimo, or Aleut	.2	.2	.1	.5	.3	—	1.1	—	—
American Indian	.2	.2	.1	.5	.3	—	1.1	—	—
Asian or Pacific Islander	.2	—	.1	.2	.3	.2	.9	—	.1
Asian	.2	—	.1	.2	.3	.2	.9	—	.1
Pacific Islander	.1	—	—	—	—	—	—	—	—
Other race	.3	.3	—	.2	—	—	.8	.3	.2
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	.5	.7	.1	.8	.3	—	1.5	.7	.6
Mexican	.2	.4	.1	.7	.2	—	1.3	.7	.5
Puerto Rican	.1	—	—	—	—	—	.1	—	—
Cuban	—	—	—	—	—	—	—	—	—
Other Hispanic	.1	.2	.1	.1	.1	—	.1	—	.1
Not of Hispanic origin	99.5	99.3	99.9	99.2	99.7	100.0	98.5	99.3	99.4
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.3	99.0	99.8	97.8	99.4	99.8	95.7	99.6	99.7
Not of Hispanic origin	99.1	98.7	99.7	97.2	99.2	99.8	95.2	99.3	99.3

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Adel city	Albia city	Algona city	Altoona city	Ames city	Anamosa city	Ankeny city	Atlantic city	Audubon city	Belle Plaine city
RACE OF HOUSEHOLDER										
Occupied housing units -----	1 252	1 596	2 426	2 510	15 608	1 540	6 754	3 127	1 076	1 200
White -----	1 252	1 559	2 415	2 499	14 114	1 523	6 698	3 116	1 076	1 200
Black -----	—	19	—	11	353	—	16	—	—	—
American Indian, Eskimo, or Aleut -----	—	18	7	—	24	7	—	8	—	—
American Indian -----	—	18	7	—	24	7	—	8	—	—
Eskimo -----	—	—	—	—	—	—	—	—	—	—
Aleut -----	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander -----	—	—	4	—	1 066	—	20	—	—	—
Asian -----	—	—	4	—	1 066	—	20	—	—	—
Chinese -----	—	—	—	—	355	—	6	—	—	—
Filipino -----	—	—	—	—	36	—	—	—	—	—
Japanese -----	—	—	—	—	46	—	—	—	—	—
Asian Indian -----	—	—	—	—	250	—	—	—	—	—
Korean -----	—	—	—	—	158	—	14	—	—	—
Vietnamese -----	—	—	—	—	17	—	—	—	—	—
Cambodian -----	—	—	—	—	—	—	—	—	—	—
Hmong -----	—	—	—	—	—	—	—	—	—	—
Laotian -----	—	—	—	—	21	—	—	—	—	—
Thai -----	—	—	—	—	14	—	—	—	—	—
Other Asian -----	—	—	4	—	169	—	—	—	—	—
Pacific Islander -----	—	—	—	—	—	—	—	—	—	—
Hawaiian -----	—	—	—	—	—	—	—	—	—	—
Samoan -----	—	—	—	—	—	—	—	—	—	—
Guamanian -----	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander -----	—	—	—	—	—	—	—	—	—	—
Other race -----	—	—	—	—	51	10	20	3	—	—
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units -----	1 252	1 596	2 426	2 510	15 608	1 540	6 754	3 127	1 076	1 200
Hispanic origin (of any race) -----	23	—	—	11	97	10	55	16	2	—
Mexican -----	23	—	—	—	17	10	43	8	2	—
Puerto Rican -----	—	—	—	—	7	—	—	—	—	—
Cuban -----	—	—	—	—	—	—	5	—	—	—
Other Hispanic -----	—	—	—	11	73	—	7	8	—	—
Dominican (Dominican Republic) -----	—	—	—	—	8	—	—	—	—	—
Central American -----	—	—	—	—	19	—	—	—	—	—
Costa Rican -----	—	—	—	—	5	—	—	—	—	—
Guatemalan -----	—	—	—	—	4	—	—	—	—	—
Honduran -----	—	—	—	—	—	—	—	—	—	—
Nicaraguan -----	—	—	—	—	—	—	—	—	—	—
Panamanian -----	—	—	—	—	10	—	—	—	—	—
Salvadoran -----	—	—	—	—	—	—	—	—	—	—
Other Central American -----	—	—	—	—	—	—	—	—	—	—
South American -----	—	—	—	—	30	—	—	—	—	—
Argentinean -----	—	—	—	—	—	—	—	—	—	—
Chilean -----	—	—	—	—	—	—	—	—	—	—
Colombian -----	—	—	—	—	12	—	—	—	—	—
Ecuadorian -----	—	—	—	—	—	—	—	—	—	—
Peruvian -----	—	—	—	—	12	—	—	—	—	—
Venezuelan -----	—	—	—	—	—	—	—	—	—	—
Other South American -----	—	—	—	—	6	—	—	—	—	—
All other Hispanic -----	—	—	—	11	16	—	7	8	—	—
Not of Hispanic origin -----	1 229	1 596	2 426	2 499	15 511	1 530	6 699	3 111	1 074	1 200
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units -----	1 252	1 596	2 426	2 510	15 608	1 540	6 754	3 127	1 076	1 200
White -----	1 252	1 559	2 415	2 499	14 114	1 523	6 698	3 116	1 076	1 200
Hispanic origin -----	23	—	—	11	39	—	35	5	2	—
Not of Hispanic origin -----	1 229	1 559	2 415	2 488	14 075	1 523	6 663	3 111	1 074	1 200
Black -----	—	19	—	11	353	—	16	—	—	—
Hispanic origin -----	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin -----	—	19	—	11	353	—	16	—	—	—
American Indian, Eskimo, or Aleut -----	—	18	7	—	24	7	—	8	—	—
Hispanic origin -----	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin -----	—	18	7	—	24	7	—	8	—	—
Asian or Pacific Islander -----	—	—	4	—	1 066	—	20	—	—	—
Hispanic origin -----	—	—	—	—	7	—	—	—	—	—
Not of Hispanic origin -----	—	—	4	—	1 059	—	20	—	—	—
Other race -----	—	—	—	—	51	10	20	3	—	—
Hispanic origin -----	—	—	—	—	51	10	20	3	—	—
Not of Hispanic origin -----	—	—	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White -----	100.0	97.7	99.5	99.6	90.4	98.9	99.2	99.6	100.0	100.0
Black -----	—	1.2	—	.4	2.3	—	.2	—	—	—
American Indian, Eskimo, or Aleut -----	—	1.1	.3	—	.2	.5	—	.3	—	—
American Indian -----	—	1.1	.3	—	.2	.5	—	.3	—	—
Asian or Pacific Islander -----	—	—	.2	—	6.8	—	.3	—	—	—
Asian -----	—	—	.2	—	6.8	—	.3	—	—	—
Pacific Islander -----	—	—	—	—	—	—	—	—	—	—
Other race -----	—	—	—	—	.3	.6	.3	.1	—	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race) -----	1.8	—	—	.4	.6	.6	.8	.5	.2	—
Mexican -----	1.8	—	—	—	.1	.6	.6	.3	.2	—
Puerto Rican -----	—	—	—	—	—	—	—	—	—	—
Cuban -----	—	—	—	—	—	—	.1	—	—	—
Other Hispanic -----	—	—	—	.4	.5	—	.1	.3	—	—
Not of Hispanic origin -----	98.2	100.0	100.0	99.6	99.4	99.4	99.2	99.5	99.8	100.0
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White -----	100.0	97.7	99.5	99.6	90.4	98.9	99.2	99.6	100.0	100.0
Not of Hispanic origin -----	98.2	97.7	99.5	99.1	90.2	98.9	98.7	99.5	99.8	100.0

DETAILED HOUSING CHARACTERISTICS

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Belmond city	Bettendorf city	Bloomfield city	Boone city	Burlington city	Camanche city	Carlisle city	Carroll city	Carter Lake city	Cedar Falls city
RACE OF HOUSEHOLDER										
Occupied housing units	1 079	10 656	1 108	5 086	10 986	1 693	1 193	3 664	1 110	11 689
White	1 079	10 296	1 104	5 051	10 487	1 693	1 186	3 658	1 085	11 387
Black	—	170	4	5	391	—	—	—	—	135
American Indian, Eskimo, or Aleut	—	44	—	5	18	—	7	—	19	22
American Indian	—	44	—	5	18	—	7	—	19	22
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	—	66	—	25	39	—	—	6	—	120
Asian	—	66	—	25	32	—	—	6	—	120
Chinese	—	—	—	—	12	—	—	—	—	57
Filipino	—	5	—	—	6	—	—	6	—	—
Japanese	—	26	—	—	—	—	—	—	—	10
Asian Indian	—	15	—	—	—	—	—	—	—	25
Korean	—	5	—	—	10	—	—	—	—	13
Vietnamese	—	6	—	6	—	—	—	—	—	—
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	—	—	—	—	—	—	—	8
Thai	—	6	—	—	4	—	—	—	—	—
Other Asian	—	3	—	19	—	—	—	—	—	7
Pacific Islander	—	—	—	—	7	—	—	—	—	—
Hawaiian	—	—	—	—	7	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	6	—
Other race	—	80	—	—	51	—	—	—	6	25
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	1 079	10 656	1 108	5 086	10 986	1 693	1 193	3 664	1 110	11 689
Hispanic origin (of any race)	6	191	5	—	86	7	—	14	27	61
Mexican	6	142	—	—	74	7	—	—	22	21
Puerto Rican	—	14	—	—	6	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	35	5	—	6	—	—	14	5	40
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	6	—	—	—	—	—	—	—	26
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—	10
Honduran	—	—	—	—	—	—	—	—	—	10
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	6	—	—	—	—	—	—	—	6
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	21	—	—	6	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	—	6	—	—	—	—	—	—	—	—
Colombian	—	6	—	—	—	—	—	—	—	—
Ecuadorian	—	9	—	—	6	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—	—
All other Hispanic	—	8	5	—	—	—	—	14	5	14
Not of Hispanic origin	1 073	10 465	1 103	5 086	10 900	1 686	1 193	3 650	1 083	11 628
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	1 079	10 656	1 108	5 086	10 986	1 693	1 193	3 664	1 110	11 689
White	1 079	10 296	1 104	5 051	10 487	1 693	1 186	3 658	1 085	11 387
Hispanic origin	6	117	5	—	35	7	—	14	21	30
Not of Hispanic origin	1 073	10 179	1 099	5 051	10 452	1 686	1 186	3 644	1 064	11 357
Black	—	170	4	5	391	—	—	—	—	135
Hispanic origin	—	—	—	—	—	—	—	—	—	6
Not of Hispanic origin	—	170	4	5	391	—	—	—	—	129
American Indian, Eskimo, or Aleut	—	44	—	5	18	—	7	—	19	22
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	44	—	5	18	—	7	—	19	22
Asian or Pacific Islander	—	66	—	25	39	—	—	6	—	120
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	66	—	25	39	—	—	6	—	120
Other race	—	80	—	—	51	—	—	—	6	25
Hispanic origin	—	74	—	—	51	—	—	—	6	25
Not of Hispanic origin	—	6	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	100.0	96.6	99.6	99.3	95.5	100.0	99.4	99.8	97.7	97.4
Black	—	1.6	.4	.1	3.6	—	—	—	—	1.2
American Indian, Eskimo, or Aleut	—	.4	—	.1	.2	—	.6	—	1.7	.2
American Indian	—	.4	—	.1	.2	—	.6	—	1.7	.2
Asian or Pacific Islander	—	.6	—	.5	.4	—	—	.2	—	1.0
Asian	—	.6	—	.5	.3	—	—	.2	—	1.0
Pacific Islander	—	—	—	—	.1	—	—	—	—	—
Other race	—	.8	—	—	.5	—	—	—	.5	.2
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race) .....	.6	1.8	.5	—	.8	.4	—	.4	2.4	.5
Mexican .....	.6	1.3	—	—	.7	.4	—	—	2.0	.2
Puerto Rican	—	.1	—	—	.1	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	.3	.5	—	.1	—	—	.4	.5	.3
Not of Hispanic origin	99.4	98.2	99.5	100.0	99.2	99.6	100.0	99.6	97.6	99.5
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	100.0	96.6	99.6	99.3	95.5	100.0	99.4	99.8	97.7	97.4
Not of Hispanic origin	99.4	95.5	99.2	99.3	95.1	99.6	99.4	99.5	95.9	97.2

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Cedar Rapids city	Centerville city	Chariton city	Charles City city	Cherokee city	Clarinda city	Clarion city	Clear Lake city	Clinton city	Clive city
RACE OF HOUSEHOLDER										
Occupied housing units	43 674	2 547	2 023	3 303	2 469	1 998	1 171	3 402	11 667	2 810
White	42 308	2 514	2 017	3 303	2 444	1 983	1 159	3 344	11 387	2 705
Black	948	15	—	—	17	9	—	12	178	23
American Indian, Eskimo, or Aleut	46	8	—	—	—	—	—	—	68	11
American Indian	46	8	—	—	—	—	—	—	68	11
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	279	10	—	—	8	6	5	34	24	44
Asian	279	10	—	—	8	6	5	34	24	44
Chinese	47	4	—	—	8	—	—	10	6	—
Filipino	44	—	—	—	—	—	—	—	8	—
Japanese	9	—	—	—	—	6	—	—	—	7
Asian Indian	66	6	—	—	—	—	—	—	—	15
Korean	18	—	—	—	—	—	—	8	10	8
Vietnamese	33	—	—	—	—	—	—	—	—	14
Cambodian	8	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	25	—	—	—	—	—	—	16	—	—
Thai	17	—	—	—	—	—	—	—	—	—
Other Asian	12	—	—	—	—	—	5	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—	—
Samoan	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	93	—	6	—	—	—	7	12	10	27
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	43 674	2 547	2 023	3 303	2 469	1 998	1 171	3 402	11 667	2 810
Hispanic origin (of any race)	354	15	—	19	—	—	21	30	20	44
Mexican	234	5	—	5	—	—	15	19	20	36
Puerto Rican	25	—	—	—	—	—	—	—	—	—
Cuban	12	—	—	—	—	—	—	11	—	8
Other Hispanic	83	10	—	14	—	—	6	—	—	—
Dominican (Dominican Republic)	5	—	—	—	—	—	—	—	—	—
Central American	—	—	—	5	—	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	5	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	12	—	—	—	—	—	6	—	—	—
Argentinean	—	—	—	—	—	—	6	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	6	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	6	—	—	—	—	—	—	—	—	—
All other Hispanic	66	10	—	9	—	—	—	—	—	—
Not of Hispanic origin	43 320	2 532	2 023	3 284	2 469	1 998	1 150	3 372	11 647	2 766
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	43 674	2 547	2 023	3 303	2 469	1 998	1 171	3 402	11 667	2 810
White	42 308	2 514	2 017	3 303	2 444	1 983	1 159	3 344	11 387	2 705
Hispanic origin	244	15	—	19	—	—	14	18	10	17
Not of Hispanic origin	42 064	2 499	2 017	3 284	2 444	1 983	1 145	3 326	11 377	2 688
Black	948	15	—	—	17	9	—	12	178	23
Hispanic origin	9	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	939	15	—	—	17	9	—	12	178	23
American Indian, Eskimo, or Aleut	46	8	—	—	—	—	—	—	68	11
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	46	8	—	—	—	—	—	—	68	11
Asian or Pacific Islander	279	10	—	—	8	6	5	34	24	44
Hispanic origin	8	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	271	10	—	—	8	6	5	34	24	44
Other race	93	—	6	—	—	—	7	12	10	27
Hispanic origin	93	—	—	—	—	—	7	12	10	27
Not of Hispanic origin	—	—	6	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	96.9	98.7	99.7	100.0	99.0	99.2	99.0	98.3	97.6	96.3
Black	2.2	.6	—	—	.7	.5	—	.4	1.5	.8
American Indian, Eskimo, or Aleut .....	.1	.3	—	—	—	—	—	—	.6	.4
American Indian .....	.1	.3	—	—	—	—	—	—	.6	.4
Asian or Pacific Islander .....	.6	.4	—	—	.3	.3	.4	1.0	.2	1.6
Asian .....	.6	.4	—	—	.3	.3	.4	1.0	.2	1.6
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race .....	.2	—	.3	—	—	—	.6	.4	.1	1.0
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race) .....	.8	.6	—	.6	—	—	1.8	.9	.2	1.6
Mexican .....	.5	.2	—	.2	—	—	1.3	.6	.2	1.3
Puerto Rican .....	.1	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic .....	.2	.4	—	.4	—	—	.5	—	—	.3
Not of Hispanic origin	99.2	99.4	100.0	99.4	100.0	100.0	98.2	99.1	99.8	98.4
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	96.9	98.7	99.7	100.0	99.0	99.2	99.0	98.3	97.6	96.3
Not of Hispanic origin	96.3	98.1	99.7	99.4	99.0	99.2	97.8	97.8	97.5	95.7

DETAILED HOUSING CHARACTERISTICS

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Coralville city	Council Bluffs city	Cresco city	Creston city	Davenport city	Decorah city	Denison city	Des Moines city	De Witt city	Dubuque city
RACE OF HOUSEHOLDER										
Occupied housing units	4 605	21 131	1 556	3 348	37 205	2 702	2 570	78 453	1 821	21 437
White	4 327	20 739	1 547	3 325	34 159	2 684	2 546	71 570	1 821	21 237
Black	110	171	9	17	2 374	—	—	5 035	—	57
American Indian, Eskimo, or Aleut	13	60	—	6	182	—	8	254	—	38
American Indian	13	60	—	6	182	—	8	254	—	38
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	135	56	—	—	196	18	16	1 169	—	90
Asian	135	45	—	—	196	18	16	1 135	—	90
Chinese	21	9	—	—	44	—	—	50	—	13
Filipino	—	13	—	—	17	—	7	35	—	23
Japanese	35	15	—	—	7	—	—	73	—	20
Asian Indian	33	—	—	—	15	—	—	77	—	24
Korean	18	8	—	—	6	4	—	108	—	—
Vietnamese	6	—	—	—	81	14	—	162	—	7
Cambodian	—	—	—	—	10	—	—	78	—	—
Hmong	—	—	—	—	—	—	—	63	—	—
Laotian	—	—	—	—	—	—	9	349	—	—
Thai	—	—	—	—	7	—	—	75	—	—
Other Asian	22	—	—	—	9	—	—	65	—	3
Pacific Islander	—	11	—	—	—	—	—	34	—	—
Hawaiian	—	11	—	—	—	—	—	13	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	21	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	20	105	—	—	294	—	—	425	—	15
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 605	21 131	1 556	3 348	37 205	2 702	2 570	78 453	1 821	21 437
Hispanic origin (of any race)	50	309	6	5	767	—	26	1 133	—	52
Mexican	14	268	6	5	671	—	19	919	—	29
Puerto Rican	—	—	—	—	27	—	—	17	—	10
Cuban	24	—	—	—	—	—	—	31	—	—
Other Hispanic	12	41	—	—	69	—	7	166	—	13
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	22	—	—	35	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	10	—	—
Honduran	—	—	—	—	15	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	7	—	—	8	—	—
Salvadoran	—	—	—	—	—	—	—	17	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	—	—	—	25	—	—	21	—	—
Argentinean	—	—	—	—	10	—	—	5	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	6	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	9	—	—	8	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	8	—	—
All other Hispanic	12	41	—	—	22	—	7	110	—	13
Not of Hispanic origin	4 555	20 822	1 550	3 343	36 438	2 702	2 544	77 320	1 821	21 385
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 605	21 131	1 556	3 348	37 205	2 702	2 570	78 453	1 821	21 437
White	4 327	20 739	1 547	3 325	34 159	2 684	2 546	71 570	1 821	21 237
Hispanic origin	36	196	6	5	448	—	19	685	—	37
Not of Hispanic origin	4 291	20 543	1 541	3 320	33 711	2 684	2 527	70 885	1 821	21 200
Black	110	171	9	17	2 374	—	—	5 035	—	57
Hispanic origin	—	—	—	—	7	—	—	15	—	—
Not of Hispanic origin	110	171	9	17	2 367	—	—	5 020	—	57
American Indian, Eskimo, or Aleut	13	60	—	6	182	—	8	254	—	38
Hispanic origin	—	8	—	—	17	—	—	23	—	—
Not of Hispanic origin	13	52	—	6	165	—	8	231	—	38
Asian or Pacific Islander	135	56	—	—	196	18	16	1 169	—	90
Hispanic origin	—	—	—	—	9	—	7	—	—	—
Not of Hispanic origin	135	56	—	—	187	18	9	1 169	—	90
Other race	20	105	—	—	294	—	—	425	—	15
Hispanic origin	14	105	—	—	286	—	—	410	—	15
Not of Hispanic origin	6	—	—	—	8	—	—	15	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	94.0	98.1	99.4	99.3	91.8	99.3	99.1	91.2	100.0	99.1
Black	2.4	.8	.6	.5	6.4	—	—	6.4	—	.3
American Indian, Eskimo, or Aleut .....	.3	.3	—	.2	.5	—	.3	.3	—	.2
American Indian .....	.3	.3	—	.2	.5	—	.3	.3	—	.2
Asian or Pacific Islander	2.9	.3	—	—	.5	.7	.6	1.5	—	.4
Asian	2.9	.2	—	—	.5	.7	.6	1.4	—	.4
Pacific Islander	—	.1	—	—	—	—	—	—	—	—
Other race .....	.4	.5	—	—	.8	—	—	.5	—	.1
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	1.1	1.5	.4	.1	2.1	—	1.0	1.4	—	.2
Mexican .....	.3	1.3	.4	.1	1.8	—	.7	1.2	—	.1
Puerto Rican	—	—	—	—	.1	—	—	—	—	—
Cuban .....	.5	—	—	—	—	—	—	—	—	—
Other Hispanic .....	.3	.2	—	—	.2	—	.3	.2	—	.1
Not of Hispanic origin	98.9	98.5	99.6	99.9	97.9	100.0	99.0	98.6	100.0	99.8
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	94.0	98.1	99.4	99.3	91.8	99.3	99.1	91.2	100.0	99.1
Not of Hispanic origin	93.2	97.2	99.0	99.2	90.6	99.3	98.3	90.4	100.0	98.9

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Dyersville city	Eagle Grove city	Eldora city	Eldridge city	Emmetsburg city	Estherville city	Evansdale city	Fairfield city	Forest City city	Fort Dodge city
RACE OF HOUSEHOLDER										
Occupied housing units	1 428	1 509	1 183	1 147	1 590	2 683	1 700	3 854	1 613	10 502
White	1 428	1 509	1 183	1 147	1 583	2 678	1 700	3 805	1 593	10 167
Black	—	—	—	—	—	—	—	5	—	199
American Indian, Eskimo, or Aleut	—	—	—	—	7	—	—	8	6	79
American Indian	—	—	—	—	7	—	—	8	6	79
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	—	—	—	—	—	5	—	29	14	29
Asian	—	—	—	—	—	5	—	29	14	29
Chinese	—	—	—	—	—	—	—	16	—	14
Filipino	—	—	—	—	—	—	—	—	—	—
Japanese	—	—	—	—	—	—	—	—	—	—
Asian Indian	—	—	—	—	—	—	—	13	—	—
Korean	—	—	—	—	—	—	—	—	—	6
Vietnamese	—	—	—	—	—	—	—	—	14	—
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	—	—	—	—	—	—	—	—
Thai	—	—	—	—	—	5	—	—	—	—
Other Asian	—	—	—	—	—	—	—	—	—	9
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	—	—	—	—	—	—	—	7	—	28
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	1 428	1 509	1 183	1 147	1 590	2 683	1 700	3 854	1 613	10 502
Hispanic origin (of any race)	—	—	5	—	—	4	8	41	—	117
Mexican	—	—	—	—	—	4	8	21	—	104
Puerto Rican	—	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	—	5	—	—	—	—	20	—	13
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	—	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	—	5	—	—	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	5	—	—	—	—	—	—	—
All other Hispanic	—	—	—	—	—	—	—	20	—	13
Not of Hispanic origin	1 428	1 509	1 178	1 147	1 590	2 679	1 692	3 813	1 613	10 385
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	1 428	1 509	1 183	1 147	1 590	2 683	1 700	3 854	1 613	10 502
White	1 428	1 509	1 183	1 147	1 583	2 678	1 700	3 805	1 593	10 167
Hispanic origin	—	—	5	—	—	4	8	34	—	89
Not of Hispanic origin	1 428	1 509	1 178	1 147	1 583	2 674	1 692	3 771	1 593	10 078
Black	—	—	—	—	—	—	—	5	—	199
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	—	—	—	—	—	—	5	—	199
American Indian, Eskimo, or Aleut	—	—	—	—	7	—	—	8	6	79
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	—	—	—	7	—	—	8	6	79
Asian or Pacific Islander	—	—	—	—	—	5	—	29	14	29
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	—	—	—	—	5	—	29	14	29
Other race	—	—	—	—	—	—	—	7	—	28
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	—	—	—	—	—	—	7	—	28
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	100.0	100.0	100.0	100.0	99.6	99.8	100.0	98.7	98.8	96.8
Black	—	—	—	—	—	—	—	.1	—	1.9
American Indian, Eskimo, or Aleut	—	—	—	—	.4	—	—	.2	.4	.8
American Indian	—	—	—	—	.4	—	—	.2	.4	.8
Asian or Pacific Islander	—	—	—	—	—	.2	—	.8	.9	.3
Asian	—	—	—	—	—	.2	—	.8	.9	.3
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	—	—	—	—	—	—	—	.2	—	.3
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	—	—	.4	—	—	.1	.5	1.1	—	1.1
Mexican	—	—	—	—	—	.1	.5	.5	—	1.0
Puerto Rican	—	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	—	.4	—	—	—	—	.5	—	.1
Not of Hispanic origin	100.0	100.0	99.6	100.0	100.0	99.9	99.5	98.9	100.0	98.9
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	100.0	100.0	100.0	100.0	99.6	99.8	100.0	98.7	98.8	96.8
Not of Hispanic origin	100.0	100.0	99.6	100.0	99.6	99.7	99.5	97.8	98.8	96.0

DETAILED HOUSING CHARACTERISTICS

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Fort Madison city	Garner city	Glenwood city	Grimes city	Grinnell city	Hampton city	Harlan city	Hiawatha city	Humboldt city	Independence city
RACE OF HOUSEHOLDER										
Occupied housing units -----	4 580	1 151	1 731	981	3 300	1 752	2 109	2 124	1 894	2 356
White -----	4 346	1 145	1 724	981	3 273	1 729	2 084	2 104	1 886	2 356
Black -----	127	—	—	—	9	—	—	10	4	—
American Indian, Eskimo, or Aleut -----	10	—	—	—	—	—	11	—	—	—
American Indian -----	10	—	—	—	—	—	11	—	—	—
Eskimo -----	—	—	—	—	—	—	—	—	—	—
Aleut -----	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander -----	5	—	—	—	18	—	9	10	4	—
Asian -----	5	—	—	—	18	—	9	10	4	—
Chinese -----	—	—	—	—	18	—	9	—	—	—
Filipino -----	5	—	—	—	—	—	—	—	—	—
Japanese -----	—	—	—	—	—	—	—	10	—	—
Asian Indian -----	—	—	—	—	—	—	—	—	—	—
Korean -----	—	—	—	—	—	—	—	—	—	—
Vietnamese -----	—	—	—	—	—	—	—	—	—	—
Cambodian -----	—	—	—	—	—	—	—	—	—	—
Hmong -----	—	—	—	—	—	—	—	—	—	—
Laotian -----	—	—	—	—	—	—	—	—	4	—
Thai -----	—	—	—	—	—	—	—	—	—	—
Other Asian -----	—	—	—	—	—	—	—	—	—	—
Pacific Islander -----	—	—	—	—	—	—	—	—	—	—
Hawaiian -----	—	—	—	—	—	—	—	—	—	—
Samoan -----	—	—	—	—	—	—	—	—	—	—
Guamanian -----	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander -----	—	—	—	—	—	—	—	—	—	—
Other race -----	92	6	7	—	—	23	5	—	—	—
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units -----	4 580	1 151	1 731	981	3 300	1 752	2 109	2 124	1 894	2 356
Hispanic origin (of any race) -----	180	6	7	—	8	40	9	—	—	—
Mexican -----	169	6	7	—	—	29	9	—	—	—
Puerto Rican -----	6	—	—	—	—	—	—	—	—	—
Cuban -----	6	—	—	—	—	—	—	—	—	—
Other Hispanic -----	5	—	—	—	8	11	—	—	—	—
Dominican (Dominican Republic) -----	—	—	—	—	—	—	—	—	—	—
Central American -----	5	—	—	—	—	11	—	—	—	—
Costa Rican -----	—	—	—	—	—	—	—	—	—	—
Guatemalan -----	—	—	—	—	—	—	—	—	—	—
Honduran -----	—	—	—	—	—	—	—	—	—	—
Nicaraguan -----	5	—	—	—	—	—	—	—	—	—
Panamanian -----	—	—	—	—	—	11	—	—	—	—
Salvadoran -----	—	—	—	—	—	—	—	—	—	—
Other Central American -----	—	—	—	—	—	—	—	—	—	—
South American -----	—	—	—	—	—	—	—	—	—	—
Argentinean -----	—	—	—	—	—	—	—	—	—	—
Chilean -----	—	—	—	—	—	—	—	—	—	—
Colombian -----	—	—	—	—	—	—	—	—	—	—
Ecuadorian -----	—	—	—	—	—	—	—	—	—	—
Peruvian -----	—	—	—	—	—	—	—	—	—	—
Venezuelan -----	—	—	—	—	—	—	—	—	—	—
Other South American -----	—	—	—	—	—	—	—	—	—	—
All other Hispanic -----	—	—	—	—	8	—	—	—	—	—
Not of Hispanic origin -----	4 400	1 145	1 724	981	3 292	1 712	2 100	2 124	1 894	2 356
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units -----	4 580	1 151	1 731	981	3 300	1 752	2 109	2 124	1 894	2 356
White -----	4 346	1 145	1 724	981	3 273	1 729	2 084	2 104	1 886	2 356
Hispanic origin -----	81	—	—	—	3	17	9	—	—	—
Not of Hispanic origin -----	4 265	1 145	1 724	981	3 270	1 712	2 075	2 104	1 886	2 356
Black -----	127	—	—	—	9	—	—	10	4	—
Hispanic origin -----	7	—	—	—	—	—	—	—	—	—
Not of Hispanic origin -----	120	—	—	—	9	—	—	10	4	—
American Indian, Eskimo, or Aleut -----	10	—	—	—	—	—	11	—	—	—
Hispanic origin -----	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin -----	10	—	—	—	—	—	11	—	—	—
Asian or Pacific Islander -----	5	—	—	—	18	—	9	10	4	—
Hispanic origin -----	—	—	—	—	5	—	—	—	—	—
Not of Hispanic origin -----	5	—	—	—	13	—	9	10	4	—
Other race -----	92	6	7	—	—	23	5	—	—	—
Hispanic origin -----	92	6	7	—	—	23	—	—	—	—
Not of Hispanic origin -----	—	—	—	—	—	—	5	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White -----	94.9	99.5	99.6	100.0	99.2	98.7	98.8	99.1	99.6	100.0
Black -----	2.8	—	—	—	.3	—	—	.5	.2	—
American Indian, Eskimo, or Aleut -----	.2	—	—	—	—	—	.5	—	—	—
American Indian -----	.2	—	—	—	—	—	.5	—	—	—
Asian or Pacific Islander -----	.1	—	—	—	.5	—	.4	.5	.2	—
Asian -----	.1	—	—	—	.5	—	.4	.5	.2	—
Pacific Islander -----	—	—	—	—	—	—	—	—	—	—
Other race -----	2.0	.5	.4	—	—	1.3	.2	—	—	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race) -----	3.9	.5	.4	—	.2	2.3	.4	—	—	—
Mexican -----	3.7	.5	.4	—	—	1.7	.4	—	—	—
Puerto Rican -----	—	—	—	—	—	—	—	—	—	—
Cuban -----	.1	—	—	—	—	—	—	—	—	—
Other Hispanic -----	.1	—	—	—	.2	.6	—	—	—	—
Not of Hispanic origin -----	96.1	99.5	99.6	100.0	99.8	97.7	99.6	100.0	100.0	100.0
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White -----	94.9	99.5	99.6	100.0	99.2	98.7	98.8	99.1	99.6	100.0
Not of Hispanic origin -----	93.1	99.5	99.6	100.0	99.1	97.7	98.4	99.1	99.6	100.0

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Indianola city	Iowa City city	Iowa Falls city	Jefferson city	Johnston city	Keokuk city	Knoxville city	Le Claire city	Le Mars city	Manchester city
RACE OF HOUSEHOLDER										
Occupied housing units	4 146	21 951	2 168	1 861	1 801	5 064	3 201	1 004	3 158	1 992
White	4 104	20 197	2 153	1 852	1 801	4 847	3 192	1 004	3 152	1 968
Black	—	464	5	—	—	191	—	—	—	—
American Indian, Eskimo, or Aleut	11	3	—	—	—	—	—	11	—	13
American Indian	11	3	—	—	—	—	—	11	—	13
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	7	1 159	10	9	—	17	9	—	—	11
Asian	7	1 143	10	9	—	17	9	—	—	11
Chinese	—	522	—	—	—	—	—	—	—	—
Filipino	—	23	—	—	—	2	—	—	—	—
Japanese	—	72	—	—	—	—	—	—	—	—
Asian Indian	7	132	—	—	—	—	—	—	—	—
Korean	—	255	10	—	—	3	9	—	—	—
Vietnamese	—	57	—	—	—	12	—	—	—	—
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	19	—	9	—	—	—	—	—	—
Thai	—	17	—	—	—	—	—	—	—	—
Other Asian	—	46	—	—	—	—	—	—	—	11
Pacific Islander	—	16	—	—	—	—	—	—	—	—
Hawaiian	—	16	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	24	128	—	—	—	9	—	—	6	—
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 146	21 951	2 168	1 861	1 801	5 064	3 201	1 004	3 158	1 992
Hispanic origin (of any race)	27	346	11	10	11	9	—	13	—	6
Mexican	15	143	11	—	6	6	—	13	—	6
Puerto Rican	12	37	—	—	—	3	—	—	—	—
Cuban	—	9	—	—	5	—	—	—	—	—
Other Hispanic	—	157	—	10	—	—	—	—	—	—
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	44	—	—	—	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	13	—	—	—	—	—	—	—	—
Honduran	—	9	—	—	—	—	—	—	—	—
Nicaraguan	—	6	—	—	—	—	—	—	—	—
Panamanian	—	9	—	—	—	—	—	—	—	—
Salvadoran	—	7	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	84	—	—	—	—	—	—	—	—
Argentinean	—	8	—	—	—	—	—	—	—	—
Chilean	—	36	—	—	—	—	—	—	—	—
Colombian	—	9	—	—	—	—	—	—	—	—
Ecuadorian	—	15	—	—	—	—	—	—	—	—
Peruvian	—	11	—	—	—	—	—	—	—	—
Venezuelan	—	5	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—	—
All other Hispanic	—	29	—	10	—	—	—	—	—	—
Not of Hispanic origin	4 119	21 605	2 157	1 851	1 790	5 055	3 201	991	3 158	1 986
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	4 146	21 951	2 168	1 861	1 801	5 064	3 201	1 004	3 158	1 992
White	4 104	20 197	2 153	1 852	1 801	4 847	3 192	1 004	3 152	1 968
Hispanic origin	3	204	11	10	11	—	—	13	—	6
Not of Hispanic origin	4 101	19 993	2 142	1 842	1 790	4 847	3 192	980	3 152	1 962
Black	—	464	5	—	—	191	—	—	—	—
Hispanic origin	—	15	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	449	5	—	—	191	—	—	—	—
American Indian, Eskimo, or Aleut	11	3	—	—	—	—	—	11	—	13
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	11	3	—	—	—	—	—	11	—	13
Asian or Pacific Islander	7	1 159	10	9	—	17	9	—	—	11
Hispanic origin	—	5	—	—	—	—	—	—	—	—
Not of Hispanic origin	7	1 154	10	9	—	17	9	—	—	11
Other race	24	128	—	—	—	9	—	—	6	—
Hispanic origin	24	122	—	—	—	9	—	—	—	—
Not of Hispanic origin	—	6	—	—	—	—	—	—	6	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.0	92.0	99.3	99.5	100.0	95.7	99.7	98.9	99.8	98.8
Black	—	2.1	.2	—	—	3.8	—	—	—	—
American Indian, Eskimo, or Aleut .....	.3	—	—	—	—	—	—	1.1	—	.7
American Indian .....	.3	—	—	—	—	—	—	1.1	—	.7
Asian or Pacific Islander .....	.2	5.3	.5	.5	—	.3	.3	—	—	.6
Asian .....	.2	5.2	.5	.5	—	.3	.3	—	—	.6
Pacific Islander	—	.1	—	—	—	—	—	—	—	—
Other race .....	.6	.6	—	—	—	.2	—	—	.2	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race) .....	.7	1.6	.5	.5	.6	.2	—	1.3	—	.3
Mexican .....	.4	.7	.5	—	.3	.1	—	1.3	—	.3
Puerto Rican .....	.3	.2	—	—	—	.1	—	—	—	—
Cuban	—	—	—	—	.3	—	—	—	—	—
Other Hispanic	—	.7	—	.5	—	—	—	—	—	—
Not of Hispanic origin	99.3	98.4	99.5	99.5	99.4	99.8	100.0	98.7	100.0	99.7
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.0	92.0	99.3	99.5	100.0	95.7	99.7	98.9	99.8	98.8
Not of Hispanic origin	98.9	91.1	98.8	99.0	99.4	95.7	99.7	97.6	99.8	98.5

DETAILED HOUSING CHARACTERISTICS

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Maquoketa city	Marion city	Marshalltown city	Mason City city	Missouri Valley city	Monticello city	Mount Pleasant city	Mount Vernon city	Muscatine city	Nevada city
RACE OF HOUSEHOLDER										
Occupied housing units	2 568	7 772	9 974	12 027	1 157	1 456	2 905	997	8 756	2 440
White	2 556	7 714	9 764	11 826	1 148	1 456	2 889	997	8 384	2 412
Black	5	14	84	110	—	—	—	—	57	15
American Indian, Eskimo, or Aleut	7	—	22	—	9	—	—	—	12	—
American Indian	7	—	22	—	9	—	—	—	12	—
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	—	37	65	18	—	—	12	—	18	—
Asian	—	37	65	18	—	—	12	—	18	—
Chinese	—	—	—	9	—	—	—	—	5	—
Filipino	—	—	—	—	—	—	—	—	—	—
Japanese	—	—	10	9	—	—	—	—	—	—
Asian Indian	—	8	14	—	—	—	6	—	7	—
Korean	—	7	—	—	—	—	—	—	—	—
Vietnamese	—	13	—	—	—	—	—	—	—	—
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	—	29	—	—	—	—	—	6	—
Thai	—	9	6	—	—	—	—	—	—	—
Other Asian	—	—	6	—	—	—	6	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—	—
Samoan	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—	13
Other race	—	7	39	73	—	—	4	—	285	13
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	2 568	7 772	9 974	12 027	1 157	1 456	2 905	997	8 756	2 440
Hispanic origin (of any race)	—	37	53	258	—	—	10	—	458	20
Mexican	—	29	44	252	—	—	10	—	402	14
Puerto Rican	—	—	3	—	—	—	—	—	26	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	8	6	6	—	—	—	—	30	6
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	—	—	—	—	—	6
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—	6
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	—	—	—	—	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—	—
All other Hispanic	—	8	6	6	—	—	—	—	30	—
Not of Hispanic origin	2 568	7 735	9 921	11 769	1 157	1 456	2 895	997	8 298	2 420
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	2 568	7 772	9 974	12 027	1 157	1 456	2 905	997	8 756	2 440
White	2 556	7 714	9 764	11 826	1 148	1 456	2 889	997	8 384	2 412
Hispanic origin	—	30	27	185	—	—	6	—	173	7
Not of Hispanic origin	2 556	7 684	9 737	11 641	1 148	1 456	2 883	997	8 211	2 405
Black	5	14	84	110	—	—	—	—	57	15
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	5	14	84	110	—	—	—	—	57	15
American Indian, Eskimo, or Aleut	7	—	22	—	9	—	—	—	12	—
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	7	—	22	—	9	—	—	—	12	—
Asian or Pacific Islander	—	37	65	18	—	—	12	—	18	—
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	37	65	18	—	—	12	—	18	—
Other race	—	7	39	73	—	—	4	—	285	13
Hispanic origin	—	7	26	73	—	—	4	—	285	13
Not of Hispanic origin	—	—	13	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.5	99.3	97.9	98.3	99.2	100.0	99.4	100.0	95.8	98.9
Black .....	.2	.2	.8	.9	—	—	—	—	.7	.6
American Indian, Eskimo, or Aleut .....	.3	—	.2	—	.8	—	—	—	.1	—
American Indian .....	.3	—	.2	—	.8	—	—	—	.1	—
Asian or Pacific Islander	—	.5	.7	.1	—	—	.4	—	.2	—
Asian	—	.5	.7	.1	—	—	.4	—	.2	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—
Other race	—	.1	.4	.6	—	—	.1	—	3.3	.5
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	—	.5	.5	2.1	—	—	.3	—	5.2	.8
Mexican	—	.4	.4	2.1	—	—	.3	—	4.6	.6
Puerto Rican	—	—	—	—	—	—	—	—	.3	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	.1	.1	—	—	—	—	—	.3	.2
Not of Hispanic origin	100.0	99.5	99.5	97.9	100.0	100.0	99.7	100.0	94.8	99.2
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.5	99.3	97.9	98.3	99.2	100.0	99.4	100.0	95.8	98.9
Not of Hispanic origin	99.5	98.9	97.6	96.8	99.2	100.0	99.2	100.0	93.8	98.6

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	New Hampton city	Newton city	North Liberty city	Norwalk city	Oelwein city	Onawa city	Orange City city	Osage city	Osceola city	Oskaloosa city
RACE OF HOUSEHOLDER										
Occupied housing units	1 463	6 226	1 147	1 858	2 656	1 269	1 539	1 508	1 839	4 337
White	1 463	6 155	1 138	1 845	2 609	1 254	1 534	1 508	1 832	4 262
Black	—	26	—	—	7	—	—	—	—	34
American Indian, Eskimo, or Aleut	—	8	—	—	6	15	—	—	—	14
American Indian	—	8	—	—	6	15	—	—	—	14
Eskimo	—	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	—	22	9	13	7	—	5	—	7	14
Asian	—	22	9	6	—	—	5	—	7	14
Chinese	—	—	—	—	—	—	5	—	—	—
Filipino	—	—	—	6	—	—	—	—	—	—
Japanese	—	—	—	—	—	—	—	—	—	—
Asian Indian	—	—	—	—	—	—	—	—	—	—
Korean	—	9	—	—	—	—	—	—	7	—
Vietnamese	—	5	—	—	—	—	—	—	—	—
Cambodian	—	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—	—
Laotian	—	8	9	—	—	—	—	—	—	—
Thai	—	—	—	—	—	—	—	—	—	14
Other Asian	—	—	—	—	—	—	—	—	—	—
Pacific Islander	—	—	—	7	7	—	—	—	—	—
Hawaiian	—	—	—	7	—	—	—	—	—	—
Samoan	—	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	7	—	—	—	—	—
Other race	—	15	—	—	27	—	—	—	—	13
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	1 463	6 226	1 147	1 858	2 656	1 269	1 539	1 508	1 839	4 337
Hispanic origin (of any race)	—	27	—	12	49	—	—	6	—	25
Mexican	—	20	—	—	49	—	—	6	—	18
Puerto Rican	—	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	7	—	12	—	—	—	—	—	7
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	—	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—	—
South American	—	7	—	—	—	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—	—
Colombian	—	7	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—	—
All other Hispanic	—	—	—	12	—	—	—	—	—	7
Not of Hispanic origin	1 463	6 199	1 147	1 846	2 607	1 269	1 539	1 502	1 839	4 312
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	1 463	6 226	1 147	1 858	2 656	1 269	1 539	1 508	1 839	4 337
White	1 463	6 155	1 138	1 845	2 609	1 254	1 534	1 508	1 832	4 262
Hispanic origin	—	12	—	6	22	—	—	6	—	19
Not of Hispanic origin	1 463	6 143	1 138	1 839	2 587	1 254	1 534	1 502	1 832	4 243
Black	—	26	—	—	7	—	—	—	—	34
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	26	—	—	7	—	—	—	—	34
American Indian, Eskimo, or Aleut	—	8	—	—	6	15	—	—	—	14
Hispanic origin	—	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	8	—	—	6	15	—	—	—	14
Asian or Pacific Islander	—	22	9	13	7	—	5	—	7	14
Hispanic origin	—	—	—	6	—	—	—	—	—	—
Not of Hispanic origin	—	22	9	7	7	—	5	—	7	14
Other race	—	15	—	—	27	—	—	—	—	13
Hispanic origin	—	15	—	—	27	—	—	—	—	6
Not of Hispanic origin	—	—	—	—	—	—	—	—	—	7
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	100.0	98.9	99.2	99.3	98.2	98.8	99.7	100.0	99.6	98.3
Black	—	.4	—	—	.3	—	—	—	—	.8
American Indian, Eskimo, or Aleut	—	.1	—	—	.2	1.2	—	—	—	.3
American Indian	—	.1	—	—	.2	1.2	—	—	—	.3
Asian or Pacific Islander	—	.4	.8	.7	.3	—	.3	—	.4	.3
Asian	—	.4	.8	.3	—	—	.3	—	.4	.3
Pacific Islander	—	—	—	.4	.3	—	—	—	—	—
Other race	—	.2	—	—	1.0	—	—	—	—	.3
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	—	.4	—	.6	1.8	—	—	.4	—	.6
Mexican	—	.3	—	—	1.8	—	—	.4	—	.4
Puerto Rican	—	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—	—
Other Hispanic	—	.1	—	.6	—	—	—	—	—	.2
Not of Hispanic origin	100.0	99.6	100.0	99.4	98.2	100.0	100.0	99.6	100.0	99.4
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	100.0	98.9	99.2	99.3	98.2	98.8	99.7	100.0	99.6	98.3
Not of Hispanic origin	100.0	98.7	99.2	99.0	97.4	98.8	99.7	99.6	99.6	97.8

DETAILED HOUSING CHARACTERISTICS

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Ottumwa city	Pella city	Perry city	Pleasant Hill city	Red Oak city	Rock Rapids city	Rock Valley city	Saylorville CDP	Sergeant Bluff city
RACE OF HOUSEHOLDER									
Occupied housing units	10 280	3 098	2 700	1 305	2 716	1 068	960	1 003	888
White	10 066	3 072	2 685	1 280	2 716	1 064	955	997	852
Black	133	—	—	—	—	—	—	6	—
American Indian, Eskimo, or Aleut	19	—	6	—	—	—	—	—	13
American Indian	19	—	6	—	—	—	—	—	13
Eskimo	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	35	26	—	10	—	4	5	—	23
Asian	35	26	—	10	—	4	5	—	23
Chinese	18	—	—	—	—	—	—	—	—
Filipino	—	6	—	—	—	—	—	—	—
Japanese	8	—	—	—	—	2	—	—	—
Asian Indian	—	13	—	—	—	—	—	—	—
Korean	—	—	—	10	—	—	—	—	—
Vietnamese	—	—	—	—	—	—	—	—	—
Cambodian	—	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—	—
Laotian	3	—	—	—	—	2	5	—	23
Thai	6	—	—	—	—	—	—	—	—
Other Asian	—	7	—	—	—	—	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—
Other race	27	—	9	15	—	—	—	—	—
HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	10 280	3 098	2 700	1 305	2 716	1 068	960	1 003	888
Hispanic origin (of any race)	38	8	14	15	—	—	—	11	22
Mexican	32	—	9	15	—	—	—	11	22
Puerto Rican	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—
Other Hispanic	6	8	5	—	—	—	—	—	—
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	—	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—
South American	—	—	—	—	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—
All other Hispanic	6	8	5	—	—	—	—	—	—
Not of Hispanic origin	10 242	3 090	2 686	1 290	2 716	1 068	960	992	866
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	10 280	3 098	2 700	1 305	2 716	1 068	960	1 003	888
White	10 066	3 072	2 685	1 280	2 716	1 064	955	997	852
Hispanic origin	17	8	5	—	—	—	—	11	16
Not of Hispanic origin	10 049	3 064	2 680	1 280	2 716	1 064	955	986	836
Black	133	—	—	—	—	—	—	6	—
Hispanic origin	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	133	—	—	—	—	—	—	6	—
American Indian, Eskimo, or Aleut	19	—	6	—	—	—	—	—	13
Hispanic origin	—	—	—	—	—	—	—	—	6
Not of Hispanic origin	19	—	6	—	—	—	—	—	7
Asian or Pacific Islander	35	26	—	10	—	4	5	—	23
Hispanic origin	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	35	26	—	10	—	4	5	—	23
Other race	27	—	9	15	—	—	—	—	—
Hispanic origin	21	—	9	15	—	—	—	—	—
Not of Hispanic origin	6	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	97.9	99.2	99.4	98.1	100.0	99.6	99.5	99.4	95.9
Black	1.3	—	—	—	—	—	—	.6	—
American Indian, Eskimo, or Aleut .....	.2	—	.2	—	—	—	—	—	1.5
American Indian .....	.2	—	.2	—	—	—	—	—	1.5
Asian or Pacific Islander .....	.3	.8	—	.8	—	.4	.5	—	2.6
Asian .....	.3	.8	—	.8	—	.4	.5	—	2.6
Pacific Islander	—	—	—	—	—	—	—	—	—
Other race .....	.3	—	.3	1.1	—	—	—	—	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race) .....	.4	.3	.5	1.1	—	—	—	1.1	2.5
Mexican .....	.3	—	.3	1.1	—	—	—	1.1	2.5
Puerto Rican	—	—	—	—	—	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—
Other Hispanic .....	.1	.3	.2	—	—	—	—	—	—
Not of Hispanic origin	99.6	99.7	99.5	98.9	100.0	100.0	100.0	98.9	97.5
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	97.9	99.2	99.4	98.1	100.0	99.6	99.5	99.4	95.9
Not of Hispanic origin	97.8	98.9	99.3	98.1	100.0	99.6	99.5	98.3	94.1

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Sheldon city	Shenandoah city	Sibley city	Sioux Center city	Sioux City city	Spencer city	Spirit Lake city	Storm Lake city	Story City city
RACE OF HOUSEHOLDER									
Occupied housing units	1 904	2 370	1 132	1 575	30 488	4 597	1 587	3 357	1 199
White	1 904	2 359	1 132	1 559	28 964	4 552	1 587	3 220	1 195
Black	—	—	—	—	561	—	—	25	—
American Indian, Eskimo, or Aleut	—	6	—	8	376	37	—	8	—
American Indian	—	6	—	8	376	37	—	8	—
Eskimo	—	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander	—	—	—	—	299	—	—	93	4
Asian	—	—	—	—	299	—	—	93	4
Chinese	—	—	—	—	39	—	—	—	—
Filipino	—	—	—	—	51	—	—	—	—
Japanese	—	—	—	—	4	—	—	—	—
Asian Indian	—	—	—	—	4	—	—	8	—
Korean	—	—	—	—	7	—	—	—	—
Vietnamese	—	—	—	—	60	—	—	—	—
Cambodian	—	—	—	—	51	—	—	—	—
Hmong	—	—	—	—	6	—	—	—	—
Laotian	—	—	—	—	70	—	—	85	4
Thai	—	—	—	—	7	—	—	—	—
Other Asian	—	—	—	—	—	—	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—	—
Samoa	—	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—	—
Other race	—	5	—	8	288	8	—	11	—
HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	1 904	2 370	1 132	1 575	30 488	4 597	1 587	3 357	1 199
Hispanic origin (of any race)	—	21	—	8	519	8	—	23	—
Mexican	—	21	—	8	449	8	—	18	—
Puerto Rican	—	—	—	—	19	—	—	—	—
Cuban	—	—	—	—	12	—	—	—	—
Other Hispanic	—	—	—	—	39	—	—	5	—
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—	—
Central American	—	—	—	—	6	—	—	5	—
Costa Rican	—	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	6	—	—	—	—
Nicaraguan	—	—	—	—	—	—	—	—	—
Panamanian	—	—	—	—	—	—	—	5	—
Salvadoran	—	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—	—
South American	—	—	—	—	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—	—
All other Hispanic	—	—	—	—	33	—	—	—	—
Not of Hispanic origin	1 904	2 349	1 132	1 567	29 969	4 589	1 587	3 334	1 199
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	1 904	2 370	1 132	1 575	30 488	4 597	1 587	3 357	1 199
White	1 904	2 359	1 132	1 559	28 964	4 552	1 587	3 220	1 195
Hispanic origin	—	16	—	—	187	—	—	7	—
Not of Hispanic origin	1 904	2 343	1 132	1 559	28 777	4 552	1 587	3 213	1 195
Black	—	—	—	—	561	—	—	25	—
Hispanic origin	—	—	—	—	—	—	—	5	—
Not of Hispanic origin	—	—	—	—	561	—	—	20	—
American Indian, Eskimo, or Aleut	—	6	—	8	376	37	—	8	—
Hispanic origin	—	—	—	—	48	—	—	—	—
Not of Hispanic origin	—	6	—	8	328	37	—	8	—
Asian or Pacific Islander	—	—	—	—	299	—	—	93	4
Hispanic origin	—	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	—	—	—	299	—	—	93	4
Other race	—	5	—	8	288	8	—	11	—
Hispanic origin	—	5	—	8	284	8	—	11	—
Not of Hispanic origin	—	—	—	—	4	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	100.0	99.5	100.0	99.0	95.0	99.0	100.0	95.9	99.7
Black	—	—	—	—	1.8	—	—	.7	—
American Indian, Eskimo, or Aleut	—	.3	—	.5	1.2	.8	—	.2	—
American Indian	—	.3	—	.5	1.2	.8	—	.2	—
Asian or Pacific Islander	—	—	—	—	1.0	—	—	2.8	.3
Asian	—	—	—	—	1.0	—	—	2.8	.3
Pacific Islander	—	—	—	—	—	—	—	—	—
Other race	—	.2	—	.5	.9	.2	—	.3	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	—	.9	—	.5	1.7	.2	—	.7	—
Mexican	—	.9	—	.5	1.5	.2	—	.5	—
Puerto Rican	—	—	—	—	.1	—	—	—	—
Cuban	—	—	—	—	—	—	—	—	—
Other Hispanic	—	—	—	—	.1	—	—	.1	—
Not of Hispanic origin	100.0	99.1	100.0	99.5	98.3	99.8	100.0	99.3	100.0
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN									
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	100.0	99.5	100.0	99.0	95.0	99.0	100.0	95.9	99.7
Not of Hispanic origin	100.0	98.9	100.0	99.0	94.4	99.0	100.0	95.7	99.7

DETAILED HOUSING CHARACTERISTICS

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Tama city	Tipton city	Urbandale city	Vinton city	Washington city	Waterloo city	Waukeee city	Waukon city
RACE OF HOUSEHOLDER								
Occupied housing units -----	1 094	1 270	9 013	2 012	2 875	27 037	964	1 659
White -----	1 061	1 270	8 812	1 991	2 834	24 065	957	1 647
Black -----	—	—	61	—	21	2 799	—	—
American Indian, Eskimo, or Aleut -----	18	—	10	21	7	28	—	12
American Indian -----	18	—	10	21	7	28	—	12
Eskimo -----	—	—	—	—	—	—	—	—
Aleut -----	—	—	—	—	—	—	—	—
Asian or Pacific Islander -----	13	—	111	—	—	105	7	—
Asian -----	13	—	104	—	—	105	7	—
Chinese -----	—	—	31	—	—	25	—	—
Filipino -----	—	—	—	—	—	19	—	—
Japanese -----	—	—	19	—	—	—	2	—
Asian Indian -----	2	—	47	—	—	28	5	—
Korean -----	—	—	—	—	—	16	—	—
Vietnamese -----	—	—	7	—	—	8	—	—
Cambodian -----	—	—	—	—	—	—	—	—
Hmong -----	—	—	—	—	—	—	—	—
Laotian -----	11	—	—	—	—	—	—	—
Thai -----	—	—	—	—	—	—	—	—
Other Asian -----	—	—	—	—	—	9	—	—
Pacific Islander -----	—	—	7	—	—	—	—	—
Hawaiian -----	—	—	7	—	—	—	—	—
Samoan -----	—	—	—	—	—	—	—	—
Guamanian -----	—	—	—	—	—	—	—	—
Other Pacific Islander -----	—	—	—	—	—	—	—	—
Other race -----	2	—	19	—	13	40	—	—
HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units -----	1 094	1 270	9 013	2 012	2 875	27 037	964	1 659
Hispanic origin (of any race) -----	2	12	36	8	36	138	1	6
Mexican -----	2	12	17	—	30	105	1	—
Puerto Rican -----	—	—	—	—	—	9	—	—
Cuban -----	—	—	—	—	—	—	—	—
Other Hispanic -----	—	—	19	8	6	24	—	6
Dominican (Dominican Republic) -----	—	—	—	—	—	—	—	—
Central American -----	—	—	—	8	—	—	—	—
Costa Rican -----	—	—	—	—	—	—	—	—
Guatemalan -----	—	—	—	8	—	—	—	—
Honduran -----	—	—	—	—	—	—	—	—
Nicaraguan -----	—	—	—	—	—	—	—	—
Panamanian -----	—	—	—	—	—	—	—	—
Salvadoran -----	—	—	—	—	—	—	—	—
Other Central American -----	—	—	—	—	—	—	—	—
South American -----	—	—	10	—	—	6	—	—
Argentinean -----	—	—	—	—	—	—	—	—
Chilean -----	—	—	—	—	—	—	—	—
Colombian -----	—	—	—	—	—	—	—	—
Ecuadorian -----	—	—	—	—	—	—	—	—
Peruvian -----	—	—	—	—	—	—	—	—
Venezuelan -----	—	—	—	—	—	—	—	—
Other South American -----	—	—	10	—	—	6	—	—
All other Hispanic -----	—	—	9	—	6	18	—	6
Not of Hispanic origin -----	1 092	1 258	8 977	2 004	2 839	26 899	963	1 653
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units -----	1 094	1 270	9 013	2 012	2 875	27 037	964	1 659
White -----	1 061	1 270	8 812	1 991	2 834	24 065	957	1 647
Hispanic origin -----	—	12	17	8	23	90	1	6
Not of Hispanic origin -----	1 061	1 258	8 795	1 983	2 811	23 975	956	1 641
Black -----	—	—	61	—	21	2 799	—	—
Hispanic origin -----	—	—	—	—	8	—	—	—
Not of Hispanic origin -----	—	—	61	—	21	2 791	—	—
American Indian, Eskimo, or Aleut -----	18	—	10	21	7	28	—	12
Hispanic origin -----	—	—	—	—	—	—	—	—
Not of Hispanic origin -----	18	—	10	21	7	28	—	12
Asian or Pacific Islander -----	13	—	111	—	—	105	7	—
Hispanic origin -----	—	—	—	—	—	—	—	—
Not of Hispanic origin -----	13	—	111	—	—	105	7	—
Other race -----	2	—	19	—	13	40	—	—
Hispanic origin -----	2	—	19	—	13	40	—	—
Not of Hispanic origin -----	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER								
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White -----	97.0	100.0	97.8	99.0	98.6	89.0	99.3	99.3
Black -----	—	—	.7	—	.7	10.4	—	—
American Indian, Eskimo, or Aleut -----	1.6	—	.1	1.0	.2	.1	—	.7
American Indian -----	1.6	—	.1	1.0	.2	.1	—	.7
Asian or Pacific Islander -----	1.2	—	1.2	—	—	.4	.7	—
Asian -----	1.2	—	1.2	—	—	.4	.7	—
Pacific Islander -----	—	—	.1	—	—	—	—	—
Other race -----	.2	—	.2	—	.5	.1	—	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race) -----	.2	.9	.4	.4	1.3	.5	.1	.4
Mexican -----	.2	.9	.2	—	1.0	.4	.1	—
Puerto Rican -----	—	—	—	—	—	—	—	—
Cuban -----	—	—	—	—	—	—	—	—
Other Hispanic -----	—	—	.2	.4	.2	.1	—	.4
Not of Hispanic origin -----	99.8	99.1	99.6	99.6	98.7	99.5	99.9	99.6
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN								
Occupied housing units -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White -----	97.0	100.0	97.8	99.0	98.6	89.0	99.3	99.3
Not of Hispanic origin -----	97.0	99.1	97.6	98.6	97.8	88.7	99.2	98.9

Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Waverly city	Webster City city	West Burlington city	West Des Moines city	West Liberty city	Wilton city	Windsor Heights city	Winterset city
RACE OF HOUSEHOLDER								
Occupied housing units	3 035	3 205	1 365	12 972	1 051	1 009	2 250	1 737
White	3 021	3 181	1 345	12 623	953	1 009	2 211	1 723
Black	4	—	—	135	—	—	8	—
American Indian, Eskimo, or Aleut	—	8	6	44	6	—	—	14
American Indian	—	8	6	44	6	—	—	14
Eskimo	—	—	—	—	—	—	—	—
Aleut	—	—	—	—	—	—	—	—
Asian or Pacific Islander	10	16	—	119	14	—	23	—
Asian	10	16	—	119	14	—	23	—
Chinese	—	8	—	56	—	—	3	—
Filipino	—	—	—	12	—	—	—	—
Japanese	—	—	—	7	—	—	—	—
Asian Indian	—	—	—	38	—	—	8	—
Korean	—	—	—	6	—	—	—	—
Vietnamese	6	—	—	—	4	—	5	—
Cambodian	—	—	—	—	—	—	—	—
Hmong	—	—	—	—	—	—	—	—
Laotian	—	8	—	—	10	—	—	—
Thai	—	—	—	—	—	—	7	—
Other Asian	4	—	—	—	—	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—
Hawaiian	—	—	—	—	—	—	—	—
Samoaian	—	—	—	—	—	—	—	—
Guamanian	—	—	—	—	—	—	—	—
Other Pacific Islander	—	—	—	—	—	—	—	—
Other race	—	—	14	51	78	—	8	—
HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	3 035	3 205	1 365	12 972	1 051	1 009	2 250	1 737
Hispanic origin (of any race)	—	6	21	173	142	11	8	—
Mexican	—	6	14	117	136	11	—	—
Puerto Rican	—	—	—	19	—	—	—	—
Cuban	—	—	—	—	—	—	—	—
Other Hispanic	—	—	7	37	6	—	8	—
Dominican (Dominican Republic)	—	—	—	—	—	—	—	—
Central American	—	—	—	7	—	—	—	—
Costa Rican	—	—	—	—	—	—	—	—
Guatemalan	—	—	—	—	—	—	—	—
Honduran	—	—	—	—	—	—	—	—
Nicaraguan	—	—	—	7	—	—	—	—
Panamanian	—	—	—	—	—	—	—	—
Salvadoran	—	—	—	—	—	—	—	—
Other Central American	—	—	—	—	—	—	—	—
South American	—	—	—	—	—	—	—	—
Argentinean	—	—	—	—	—	—	—	—
Chilean	—	—	—	—	—	—	—	—
Colombian	—	—	—	—	—	—	—	—
Ecuadorian	—	—	—	—	—	—	—	—
Peruvian	—	—	—	—	—	—	—	—
Venezuelan	—	—	—	—	—	—	—	—
Other South American	—	—	—	—	—	—	—	—
All other Hispanic	—	—	7	30	6	—	8	—
Not of Hispanic origin	3 035	3 199	1 344	12 799	909	998	2 242	1 737
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	3 035	3 205	1 365	12 972	1 051	1 009	2 250	1 737
White	3 021	3 181	1 345	12 623	953	1 009	2 211	1 723
Hispanic origin	—	6	7	122	64	11	—	—
Not of Hispanic origin	3 021	3 175	1 338	12 501	889	998	2 211	1 723
Black	4	—	—	135	—	—	8	—
Hispanic origin	—	—	—	—	—	—	—	—
Not of Hispanic origin	4	—	—	135	—	—	8	—
American Indian, Eskimo, or Aleut	—	8	6	44	6	—	—	14
Hispanic origin	—	—	—	—	—	—	—	—
Not of Hispanic origin	—	8	6	44	6	—	—	14
Asian or Pacific Islander	10	16	—	119	14	—	23	—
Hispanic origin	—	—	—	—	—	—	—	—
Not of Hispanic origin	10	16	—	119	14	—	23	—
Other race	—	—	14	51	78	—	8	—
Hispanic origin	—	—	14	51	78	—	8	—
Not of Hispanic origin	—	—	—	—	—	—	—	—
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER								
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.5	99.3	98.5	97.3	90.7	100.0	98.3	99.2
Black	.1	—	—	1.0	—	—	.4	—
American Indian, Eskimo, or Aleut	—	.2	.4	.3	.6	—	—	.8
American Indian	—	.2	.4	.3	.6	—	—	.8
Asian or Pacific Islander	.3	.5	—	.9	1.3	—	1.0	—
Asian	.3	.5	—	.9	1.3	—	1.0	—
Pacific Islander	—	—	—	—	—	—	—	—
Other race	—	—	1.0	.4	7.4	—	.4	—
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hispanic origin (of any race)	—	.2	1.5	1.3	13.5	1.1	.4	—
Mexican	—	.2	1.0	.9	12.9	1.1	—	—
Puerto Rican	—	—	—	.1	—	—	—	—
Cuban	—	—	—	—	—	—	—	—
Other Hispanic	—	—	.5	.3	.6	—	.4	—
Not of Hispanic origin	100.0	99.8	98.5	98.7	86.5	98.9	99.6	100.0
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN								
Occupied housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	99.5	99.3	98.5	97.3	90.7	100.0	98.3	99.2
Not of Hispanic origin	99.5	99.1	98.0	96.4	84.6	98.9	98.3	99.2

DETAILED HOUSING CHARACTERISTICS

Table 6. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent								Specified owner, median selected monthly owner costs (dollars)	Median year structure built	Specified renter, median gross rent (dollars)			
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built				With a mortgage	Not mort- gaged	
								1980 to March 1990						1939 or earlier
The State -----	2 685 099	1 037 167	.5	.5	17.6	6.8	3.2	9.9	34.4	1956	550	195	336	
URBAN AND RURAL AND SIZE OF PLACE														
Urban -----	1 598 390	631 936	.2	.4	21.2	8.4	3.3	10.7	29.0	1958	573	206	353	
Inside urbanized area -----	878 321	346 829	.2	.4	22.3	8.1	2.7	12.0	25.0	1960	616	222	388	
Central place -----	690 864	274 492	.2	.5	22.2	9.3	3.1	8.9	29.9	1956	586	219	374	
Urban fringe -----	187 457	72 337	.2	.4	22.7	3.4	1.2	23.6	6.5	1970	734	236	453	
Outside urbanized area -----	720 069	285 107	.2	.4	19.9	8.7	4.1	9.2	33.7	1955	516	192	310	
Place of 10,000 or more -----	319 236	125 966	.2	.5	21.5	8.8	4.1	8.2	34.6	1954	537	197	330	
Place of 2,500 to 9,999 -----	400 833	159 141	.3	.3	18.6	8.6	4.0	9.9	33.1	1957	501	189	291	
Rural -----	1 086 709	405 231	.9	.7	12.1	4.3	3.0	8.8	42.9	1950	501	181	283	
Place of 1,000 to 2,499 -----	221 212	88 987	.4	.4	14.8	7.6	3.3	8.0	37.9	1954	469	180	275	
Place of less than 1,000 -----	235 894	96 384	.7	.6	13.0	6.9	4.0	7.5	43.9	1949	429	171	264	
Other rural -----	629 603	219 860	1.2	.9	10.6	1.8	2.5	9.6	44.5	1949	590	204	316	
Rural farm -----	255 880	90 393	1.1	.7	4.8	1.2	1.2	4.5	60.6	1940--	537	216	305	
INSIDE AND OUTSIDE METROPOLITAN AREA														
Inside metropolitan area -----	1 156 562	445 856	.3	.4	20.7	7.1	2.6	12.2	26.0	1960	621	220	382	
In central city -----	691 170	274 626	.2	.5	22.2	9.3	3.1	8.9	29.9	1956	586	219	374	
Not in central city -----	465 392	171 230	.4	.4	18.3	3.5	1.6	17.5	19.7	1967	679	221	403	
Urban -----	257 158	97 866	.2	.3	22.5	3.8	1.4	21.7	9.8	1970	713	231	429	
Inside urbanized area -----	187 457	72 337	.2	.4	22.7	3.4	1.2	23.6	6.5	1970	734	236	453	
Outside urbanized area -----	69 701	25 529	.1	.2	22.1	4.8	2.0	16.3	19.2	1969	655	218	364	
Rural -----	208 234	73 364	.6	.5	12.7	3.1	1.9	12.0	32.8	1962	627	209	330	
Outside metropolitan area -----	1 528 537	591 311	.7	.6	15.4	6.5	3.7	8.2	40.7	1951	485	183	292	
Urban -----	650 368	259 578	.3	.4	19.7	9.0	4.3	8.5	35.2	1954	501	190	304	
Inside urbanized area -----	—	—	—	—	—	—	—	—	—	—	—	—	—	
Outside urbanized area -----	650 368	259 578	.3	.4	19.7	9.0	4.3	8.5	35.2	1954	501	190	304	
Place of 10,000 or more -----	289 581	115 164	.3	.6	21.2	9.3	4.4	7.2	37.0	1952	517	195	323	
Place of 2,500 to 9,999 -----	360 787	144 414	.3	.3	18.5	8.9	4.2	9.5	33.7	1956	490	187	286	
Rural -----	878 169	331 733	1.0	.7	12.0	4.6	3.3	8.1	45.1	1947	467	177	275	
COUNTY														
Adair County -----	8 369	3 415	.6	.6	11.8	6.2	2.8	7.1	49.2	1941	415	160	241	
Adams County -----	4 847	2 002	.4	.9	10.9	5.4	3.0	8.6	51.0	1940--	400	155	239	
Allamakee County -----	13 819	5 253	.7	.9	12.5	8.4	4.0	11.7	46.7	1945	495	184	240	
Appanoose County -----	13 582	5 555	2.0	1.4	17.5	8.7	7.5	10.2	37.7	1958	450	156	253	
Audubon County -----	7 314	2 936	.6	.3	13.0	6.2	3.0	3.3	50.9	1940--	381	173	253	
Benton County -----	22 304	8 489	.4	.5	13.8	5.8	3.5	6.8	45.9	1946	492	193	276	
Black Hawk County -----	113 711	43 637	.3	.5	19.2	6.7	2.3	7.2	23.4	1957	533	205	327	
Boone County -----	25 006	9 782	.6	.6	15.9	6.0	3.8	8.5	47.6	1943	501	210	299	
Bremer County -----	22 622	8 369	.3	.2	17.1	5.2	1.6	6.8	39.3	1954	536	191	287	
Buchanan County -----	20 721	7 496	2.4	2.3	13.5	7.1	6.1	9.5	35.8	1957	451	173	278	
Buena Vista County -----	19 463	7 355	.4	.4	18.2	6.3	3.1	9.7	36.8	1952	473	183	300	
Butler County -----	15 681	6 028	.9	.9	11.9	5.0	3.6	6.3	43.7	1947	425	172	279	
Calhoun County -----	11 430	4 673	1.0	.6	13.1	5.6	2.5	7.7	44.0	1946	425	171	254	
Carroll County -----	21 354	7 950	.3	.4	15.4	7.3	1.8	9.2	38.0	1953	484	180	285	
Cass County -----	15 075	6 162	.6	.6	15.1	7.0	3.8	7.9	44.9	1946	469	164	270	
Cedar County -----	17 254	6 674	.4	.2	14.0	5.8	2.8	9.7	45.2	1947	536	198	316	
Cerro Gordo County -----	45 853	18 802	.2	.4	18.1	6.7	3.7	8.8	33.5	1953	522	187	319	
Cherokee County -----	13 947	5 486	.2	.3	14.0	6.5	2.4	5.0	42.0	1950	419	177	248	
Chickasaw County -----	13 290	5 040	1.1	.4	11.6	5.6	3.4	7.2	45.7	1947	469	180	261	
Clarke County -----	8 239	3 336	.7	.8	14.7	6.4	6.8	9.4	36.6	1960	459	178	281	
Clay County -----	17 464	7 008	.4	.8	19.1	7.2	3.8	6.4	33.8	1954	471	167	262	
Clayton County -----	18 977	7 206	.8	.7	12.0	6.8	3.5	8.1	51.8	1940--	437	171	240	
Clinton County -----	49 966	19 471	.5	.3	16.8	8.0	4.3	4.6	41.2	1950	492	196	306	
Crawford County -----	16 572	6 373	.6	.2	15.3	7.0	2.2	10.1	43.1	1953	449	169	272	
Dallas County -----	29 580	11 149	.6	.6	17.8	4.7	3.3	11.6	36.7	1959	612	213	338	
Davis County -----	8 257	3 081	2.9	2.0	13.7	8.2	6.9	10.3	40.5	1955	411	181	282	
Decatur County -----	8 261	3 191	1.7	1.8	17.0	10.7	4.9	12.9	39.6	1955	396	157	218	
Delaware County -----	17 957	6 362	.5	.7	11.5	4.8	3.4	9.5	41.3	1952	480	189	279	
Des Moines County -----	40 877	16 341	.4	.3	15.3	7.8	3.6	6.1	40.6	1950	499	196	319	
Dickinson County -----	14 845	6 144	.2	.4	16.0	3.4	3.6	11.5	29.4	1961	505	188	289	
Dubuque County -----	85 467	30 576	.2	.3	16.8	8.7	2.1	8.5	35.9	1956	568	210	315	
Emmet County -----	11 525	4 454	.4	—	17.3	4.8	4.8	4.3	35.1	1951	403	166	248	
Fayette County -----	21 620	8 434	.5	.2	13.1	7.2	3.6	5.3	50.1	1940--	412	161	250	
Floyd County -----	16 961	6 719	.5	.4	16.5	6.2	4.7	4.1	37.5	1952	443	178	264	
Franklin County -----	11 291	4 548	.7	.6	15.1	6.1	3.4	5.4	46.5	1944	442	180	272	
Fremont County -----	8 150	3 190	.3	.5	13.9	6.5	5.7	6.9	44.4	1948	453	180	262	
Greene County -----	9 983	4 176	1.0	.8	13.3	7.4	2.1	7.5	48.9	1942	439	175	265	
Grundy County -----	11 979	4 767	.1	.3	10.9	5.1	1.6	5.7	39.4	1950	485	189	269	
Guthrie County -----	10 892	4 396	1.2	.8	14.6	5.6	4.4	9.3	46.4	1945	480	184	289	
Hamilton County -----	15 929	6 306	.4	.2	13.9	6.3	4.3	7.8	40.2	1950	477	187	296	
Hancock County -----	12 521	4 843	.5	.2	14.7	4.7	4.5	7.4	35.1	1953	490	201	291	
Hardin County -----	18 818	7 567	.1	.1	13.5	6.8	2.9	7.1	40.2	1951	445	187	286	
Harrison County -----	14 667	5 632	.9	.7	14.3	7.7	5.5	7.7	53.3	1940--	496	187	277	
Henry County -----	18 681	7 055	.6	1.2	16.5	6.4	3.6	13.2	37.4	1957	506	185	308	
Howard County -----	9 775	3 845	1.0	.6	11.8	6.8	3.6	7.2	48.1	1943	452	167	234	
Humboldt County -----	10 710	4 331	.2	—	12.2	3.8	1.9	6.4	39.8	1951	442	185	267	
Ida County -----	8 320	3 214	.3	.4	12.6	5.4	2.2	7.8	52.1	1940--	437	183	270	
Iowa County -----	14 575	5 704	.7	.6	11.7	6.0	1.7	9.3	46.6	1947	515	196	296	
Jackson County -----	19 869	7 503	.8	.6	12.8	8.0	4.3	9.3	40.9	1953	466	185	272	
Jasper County -----	34 397	13 546	.5	.3	15.9	5.4	2.7	10.9	33.6	1956	530	188	303	

Table 6. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1990—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent								Specified owner, median selected monthly owner costs (dollars)	Specified renter, median gross rent (dollars)			
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built					
								1980 to March 1990			1939 or earlier		
COUNTY—Con.													
Jefferson County	16 048	6 252	.7	.8	18.6	7.0	4.7	16.1	42.2	1952	550	211	338
Johnson County	89 835	33 959	.4	.6	28.4	7.0	2.2	22.1	19.5	1968	760	253	419
Jones County	19 018	6 894	.4	.3	13.3	5.2	3.4	7.7	40.5	1954	454	188	279
Keokuk County	11 556	4 558	1.3	1.5	11.8	5.6	5.0	5.3	52.5	1940—	384	156	249
Kossuth County	18 505	7 176	.8	.3	10.7	4.7	2.9	7.9	41.6	1950	437	178	259
Lee County	37 050	14 455	.5	.9	16.9	7.9	5.7	7.5	40.6	1951	497	206	292
Linn County	163 299	64 021	.2	.2	19.5	6.9	1.9	11.0	23.5	1961	615	220	371
Louisia County	11 219	4 201	.7	.6	11.9	5.3	6.5	9.3	39.8	1955	483	176	298
Lucas County	8 985	3 744	1.5	1.4	17.4	9.3	6.0	8.8	44.4	1950	415	174	259
Lyon County	11 892	4 278	.4	.3	11.4	5.4	2.6	6.0	45.7	1944	427	170	252
Madison County	12 409	4 697	1.1	.6	16.2	5.9	3.9	9.9	46.7	1946	521	177	296
Mahaska County	21 292	8 222	.3	.3	17.5	7.7	5.3	10.4	39.0	1962	476	189	288
Marion County	29 632	10 778	1.1	.6	16.1	6.1	4.4	13.9	31.1	1952	552	192	323
Marshall County	37 477	14 667	.5	.4	16.4	6.0	2.6	4.1	38.6	1953	555	222	323
Mills County	13 139	4 651	.6	.7	15.5	5.8	3.5	10.9	37.7	1960	530	201	321
Mitchell County	10 901	4 248	1.7	1.8	12.0	5.7	5.0	7.9	47.2	1945	394	167	235
Monona County	9 956	4 081	.6	1.1	13.4	7.3	4.3	4.8	50.4	1940—	394	165	241
Monroe County	7 966	3 142	1.5	1.2	14.6	9.5	6.2	11.1	43.2	1951	438	180	267
Montgomery County	12 056	4 953	.4	.5	15.0	6.3	4.2	6.1	50.9	1940—	480	181	254
Muscatine County	37 890	14 286	.5	.2	15.4	7.4	4.8	12.7	36.3	1956	588	199	346
O'Brien County	15 335	5 971	.3	.3	15.9	5.4	2.6	7.3	43.1	1946	443	166	249
Osceola County	7 211	2 806	.7	.9	11.7	5.1	2.8	6.7	46.6	1943	380	158	263
Page County	16 732	6 654	.4	.2	13.9	9.0	4.7	7.5	45.2	1946	457	197	254
Palo Alto County	10 612	4 172	.8	.9	15.2	6.2	3.5	6.8	40.2	1951	414	165	243
Plymouth County	23 299	8 398	.6	.6	13.3	5.1	1.6	10.7	40.1	1952	511	189	297
Pocahontas County	9 478	3 815	.6	.5	11.6	5.5	3.0	7.8	47.6	1942	381	156	247
Polk County	303 450	121 461	.2	.5	22.8	6.9	2.4	16.2	21.3	1962	687	239	442
Pottawattamie County	81 313	30 810	.3	.4	17.1	7.8	3.6	8.7	33.0	1955	553	213	372
Poweshiek County	18 758	7 130	.5	.7	15.9	5.5	2.7	11.2	38.4	1956	525	197	300
Ringgold County	5 373	2 214	1.4	.9	12.2	4.5	3.4	9.0	49.7	1940	406	156	258
Sac County	12 259	4 898	.5	.5	13.0	6.5	2.8	4.4	46.3	1945	384	162	250
Scott County	139 495	53 979	.2	.4	21.5	7.1	2.8	10.1	23.8	1962	623	225	363
Shelby County	13 164	4 992	.6	.4	12.1	4.9	2.2	4.8	44.9	1945	459	189	267
Sioux County	29 616	9 881	.6	.5	14.4	4.8	1.7	8.2	38.0	1955	484	181	265
Story County	69 223	24 374	.3	.6	27.8	4.9	1.9	12.8	21.9	1965	660	239	402
Tama County	16 411	6 551	1.2	.8	11.4	5.9	2.9	7.1	49.5	1941	467	192	307
Taylor County	7 066	2 852	1.1	.9	13.0	5.6	4.8	5.4	51.5	1940—	400	151	235
Union County	12 638	5 146	.7	1.0	15.8	10.0	5.2	6.2	41.6	1951	423	178	292
Van Buren County	7 665	3 052	2.7	1.0	13.6	7.6	5.9	10.4	48.3	1943	365	165	244
Wapello County	34 970	14 315	.6	.9	16.5	9.2	6.4	6.0	38.6	1949	412	148	277
Warren County	35 735	12 565	.4	.6	16.6	3.7	1.7	15.7	19.4	1968	623	214	347
Washington County	19 420	7 383	.9	.9	13.4	6.1	4.2	7.7	46.7	1944	488	185	296
Wayne County	7 040	2 948	1.2	1.3	14.7	8.4	5.8	8.9	46.8	1945	360	166	229
Webster County	39 235	15 612	.4	.8	18.4	8.4	3.5	5.1	36.8	1952	473	199	296
Winnebago County	11 917	4 676	.4	.2	12.9	6.2	2.2	8.1	34.1	1956	489	173	270
Winneshek County	20 613	7 238	1.1	1.1	16.3	6.1	2.1	10.6	47.4	1944	528	191	280
Woodbury County	92 055	35 330	.6	.4	18.7	9.0	4.4	7.1	40.7	1950	538	199	328
Worth County	7 930	3 226	.7	.6	11.2	6.0	3.3	5.1	49.7	1940	432	183	255
Wright County	14 194	5 883	.5	.4	13.5	6.5	4.1	6.6	41.2	1949	438	194	280
PLACE AND COUNTY SUBDIVISION													
Adel city	3 304	1 252	—	—	20.6	3.8	3.7	15.5	33.8	1965	645	237	361
Albia city	3 788	1 559	.4	—	19.1	13.9	6.4	10.8	44.5	1948	443	180	273
Algona city	5 967	2 415	1.3	—	15.9	7.2	4.6	12.3	28.4	1957	459	183	302
Altoona city	7 129	2 499	—	—	26.1	1.6	1.8	24.8	4.4	1974	690	243	436
Ames city	42 450	14 114	.3	.7	35.9	5.3	1.3	14.3	16.7	1966	719	251	419
Anamosa city	4 703	1 523	—	—	17.4	6.0	4.9	9.0	32.8	1958	434	183	267
Ankeny city	18 438	6 698	—	—	27.4	1.6	.9	23.0	3.0	1973	777	265	433
Atlantic city	7 397	3 116	.3	.6	19.6	9.1	4.7	10.8	34.8	1954	501	164	280
Audubon city	2 536	1 076	.5	—	12.4	9.7	2.9	4.4	44.0	1946	410	182	268
Belle Plaine city	2 826	1 200	1.5	1.3	12.3	9.6	5.7	6.5	54.1	1940—	406	176	232
Belmond city	2 481	1 079	.2	—	15.6	7.0	2.4	12.5	20.6	1962	482	194	252
Bettendorf city	27 166	10 296	.1	.3	19.7	3.5	.9	17.0	5.6	1968	723	238	413
Bloomfield city	2 535	1 104	.9	—	16.2	8.8	3.8	7.9	38.2	1953	437	180	270
Boone city	12 283	5 051	.3	.7	18.7	6.8	4.6	7.9	52.2	1940—	498	224	291
Burlington city	25 617	10 487	.1	.3	16.0	10.4	4.0	3.9	48.9	1941	490	195	315
Camanche city	4 416	1 693	1.6	—	18.6	3.0	4.0	7.9	8.9	1968	508	186	324
Carlisle city	3 214	1 186	—	—	20.8	7.3	.3	11.6	8.0	1968	611	230	336
Carroll city	9 542	3 658	.2	.6	19.7	8.3	1.6	12.6	23.2	1961	511	195	294
Carter Lake city	3 135	1 085	—	.6	14.5	.5	4.1	8.8	10.1	1963	500	213	469
Cedar Falls city	33 166	11 387	.2	.1	24.7	4.0	1.3	7.6	18.2	1960	610	216	329
Cedar Rapids city	103 956	42 308	.1	.1	20.9	8.5	2.2	9.3	24.4	1959	607	218	383
Centerville city	5 829	2 514	.6	.6	21.7	14.0	8.6	7.2	39.2	1956	441	158	250
Chariton city	4 567	2 017	.2	.5	22.8	14.2	6.3	8.6	40.4	1957	410	178	255
Charles City city	7 836	3 303	.2	—	19.8	8.4	5.4	2.5	28.8	1954	438	179	255
Cherokee city	5 899	2 444	—	—	18.5	10.4	3.6	3.4	39.0	1951	416	174	242
Clarinda city	5 017	1 983	—	—	17.3	11.2	4.5	8.7	40.0	1951	469	197	242
Clarion city	2 675	1 159	—	—	14.8	7.9	6.0	5.2	41.2	1950	419	199	287
Clear Lake city	7 981	3 344	.5	.4	21.7	4.2	2.8	13.1	24.3	1960	571	211	328
Clinton city	28 196	11 387	.2	.3	18.8	10.7	5.4	3.5	45.4	1945	464	193	302
Olive city	7 210	2 705	.9	.3	25.3	1.5	2.0	24.8	2.2	1975	1 018	278	471

DETAILED HOUSING CHARACTERISTICS

Table 6. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1990—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent										Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)	
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built		Median year structure built	With a mortgage	Not mor- tgage-		
								1980 to March 1990	1939 or earlier					
PLACE AND COUNTY SUBDIVISION— Con.														
Coralville city	9 547	4 327	.4	—	36.2	5.7	1.8	34.9	2.6	1974	772	241	420	
Council Bluffs city	53 222	20 739	.3	.4	20.1	10.1	4.5	8.3	33.0	1954	536	214	379	
Cresco city	3 653	1 547	—	—	16.0	6.3	3.1	6.9	42.5	1949	461	178	241	
Creston city	7 805	3 325	.4	.7	20.0	12.8	5.9	5.9	39.1	1953	430	185	292	
Davenport city	84 956	34 159	.2	.4	23.4	9.3	3.6	7.2	30.3	1957	581	222	353	
Decorah city	7 846	2 684	.4	1.2	23.2	8.4	2.3	14.3	42.0	1952	612	214	295	
Denison city	6 435	2 546	—	—	21.1	8.8	2.2	13.6	29.1	1963	470	179	280	
Des Moines city	172 426	71 570	.2	.7	22.3	9.9	3.5	8.6	31.0	1953	608	234	413	
De Witt city	4 495	1 821	.4	—	22.0	7.9	2.4	10.9	23.8	1962	550	244	318	
Dubuque city	56 699	21 237	.2	.4	18.7	11.3	2.4	6.8	39.6	1953	558	211	314	
Dyersville city	3 719	1 428	—	—	13.9	3.6	1.9	12.5	26.8	1961	558	191	298	
Eagle Grove city	3 663	1 509	.4	.9	17.2	10.6	8.0	5.0	44.0	1945	391	194	308	
Eldora city	2 964	1 183	—	—	16.1	8.0	1.9	7.4	44.6	1951	482	189	322	
Eldridge city	3 369	1 147	—	—	21.4	2.1	1.0	22.4	6.5	1973	666	228	379	
Emmetsburg city	3 903	1 583	.3	—	19.7	9.0	5.4	6.5	25.3	1959	460	174	252	
Estherville city	6 693	2 678	.3	—	20.8	9.8	6.2	3.8	29.4	1953	391	161	243	
Evansdale city	4 630	1 700	.1	—	17.5	8.5	3.8	7.0	6.4	1959	449	192	311	
Fairfield city	9 521	3 805	—	.3	21.6	10.0	4.8	16.4	42.3	1951	568	228	336	
Forest City city	4 287	1 593	—	.3	19.1	5.6	3.9	9.2	23.4	1964	524	179	290	
Fort Dodge city	24 862	10 167	.4	.9	21.3	11.1	3.7	5.1	35.2	1952	481	212	303	
Fort Madison city	10 740	4 346	.2	1.5	18.9	10.7	5.8	2.3	46.1	1943	489	197	290	
Garner city	2 877	1 145	—	—	23.0	5.5	3.3	11.6	23.8	1960	514	240	317	
Glenwood city	4 550	1 724	.3	.6	19.4	8.7	4.5	10.0	27.3	1966	515	211	319	
Grimes city	2 645	981	—	—	21.4	3.0	1.4	28.0	11.3	1975	632	206	404	
Grinnell city	8 652	3 273	—	.4	18.5	8.7	3.1	13.0	36.7	1957	572	219	315	
Hampton city	4 072	1 729	.5	.5	20.8	9.3	6.1	2.1	44.0	1947	439	180	265	
Harlan city	5 102	2 084	—	—	16.6	7.3	2.3	4.2	30.7	1956	461	198	279	
Hiawatha city	4 902	2 104	—	.5	25.8	1.9	2.1	17.4	.5	1973	539	202	363	
Humboldt city	4 404	1 886	.3	—	14.2	6.0	1.8	7.1	26.3	1957	489	199	273	
Independence city	5 945	2 356	—	.2	15.7	8.8	4.5	6.1	39.0	1953	471	173	286	
Indianola city	11 217	4 104	.2	.3	19.8	6.5	2.4	13.4	20.3	1966	628	205	335	
Iowa City city	54 575	20 197	.3	.7	34.0	8.6	1.9	21.0	19.6	1967	772	267	423	
Iowa Falls city	5 323	2 153	—	—	18.0	8.4	3.9	7.9	31.2	1956	450	212	294	
Jefferson city	4 252	1 852	—	.3	18.6	12.0	1.8	9.7	41.0	1952	468	184	279	
Johnston city	4 645	1 801	.6	2.0	26.8	4.6	.9	53.9	6.0	1981	969	248	573	
Keokuk city	11 816	4 847	.5	.9	21.3	11.3	8.0	6.2	51.3	1940—	470	215	280	
Knoxville city	8 170	3 192	—	.5	18.5	9.6	7.0	12.6	27.7	1961	548	180	304	
Le Claire city	2 722	993	.6	1.3	15.9	3.2	1.6	8.0	17.4	1965	590	231	329	
Le Mars city	8 396	3 152	.6	.6	17.7	8.0	1.9	15.9	32.0	1957	525	199	304	
Manchester city	5 103	1 968	—	1.4	17.6	8.2	5.0	11.1	33.6	1957	477	202	303	
Maquoketa city	6 068	2 556	.7	.3	18.0	13.9	5.6	12.8	32.7	1956	451	185	272	
Marion city	20 061	7 714	.4	.1	22.1	4.7	1.6	16.5	13.1	1966	632	227	340	
Marshalltown city	24 430	9 764	.6	.4	19.2	7.6	3.0	3.5	36.0	1953	567	229	328	
Mason City city	28 401	11 826	.1	.4	19.4	8.5	4.4	8.5	33.5	1952	510	189	320	
Missouri Valley city	2 882	1 148	.7	.6	16.4	12.2	5.6	3.5	54.3	1940—	524	190	282	
Monticello city	3 514	1 456	—	—	14.8	10.2	4.2	7.6	34.2	1960	478	199	286	
Mount Pleasant city	7 599	2 889	.2	.9	20.5	8.9	3.1	16.2	27.7	1963	529	201	301	
Mount Vernon city	3 583	997	.7	.7	16.5	6.8	2.4	8.9	52.7	1940—	681	227	353	
Muscatine city	21 587	8 384	.1	.2	17.2	10.4	5.0	10.7	39.2	1951	569	199	332	
Nevada city	5 930	2 412	—	—	22.1	6.6	3.6	13.7	18.9	1965	569	252	329	
New Hampton city	3 656	1 463	—	—	16.6	9.7	4.2	7.1	43.6	1949	471	177	261	
Newton city	14 492	6 155	.1	.3	20.0	7.5	2.6	11.6	26.7	1956	533	183	298	
North Liberty city	2 881	1 138	—	—	17.0	1.2	5.0	31.9	6.8	1976	645	232	406	
Norwalk city	5 682	1 845	.4	.7	17.9	1.1	—	30.0	6.7	1974	671	262	412	
Oelwein city	6 362	2 609	.3	—	17.2	11.6	3.9	3.3	51.0	1940—	348	161	301	
Onawa city	2 867	1 254	.5	.5	15.9	11.8	6.6	3.9	40.4	1947	373	159	226	
Orange City city	4 860	1 534	—	.5	18.3	4.2	.3	10.1	26.2	1961	562	184	283	
Osage city	3 439	1 508	1.0	1.3	15.0	6.0	7.4	5.9	40.4	1952	403	162	236	
Osceola city	4 140	1 832	—	.9	17.4	10.4	6.6	9.8	33.0	1962	468	191	279	
Oskaloosa city	10 448	4 262	.1	.2	20.9	12.0	6.3	10.4	36.4	1953	488	195	288	
Ottumwa city	23 855	10 066	.3	.8	18.3	11.4	7.1	4.2	41.4	1946	410	145	279	
Pella city	8 996	3 072	.3	.2	18.0	4.7	1.8	16.8	23.4	1965	565	205	355	
Perry city	6 608	2 685	—	.6	20.5	9.9	3.9	6.1	45.5	1947	498	200	308	
Pleasant Hill city	3 589	1 280	—	—	18.0	2.4	—	19.0	2.0	1973	716	267	436	
Red Oak city	6 251	2 716	—	.4	14.5	7.4	4.2	6.0	44.1	1946	508	200	268	
Rock Rapids city	2 579	1 064	—	.2	14.4	10.7	3.6	5.3	33.7	1953	424	149	213	
Rock Valley city	2 442	955	—	—	18.7	10.4	5.4	12.8	29.0	1961	483	174	259	
Saylorville CDP	2 600	997	—	.8	14.8	2.4	1.5	6.1	11.1	1965	759	260	363	
Sergeant Bluff city	2 633	852	.7	—	22.8	5.8	1.1	18.3	18.7	1963	620	221	480	
Sheldon city	4 914	1 904	—	—	24.1	6.2	2.5	11.4	29.3	1959	501	196	270	
Shenandoah city	5 547	2 359	.3	—	16.5	13.1	6.7	7.5	40.7	1951	452	199	256	
Sibley city	2 795	1 132	.4	.4	14.2	7.2	3.7	10.2	34.9	1963	384	147	282	
Sioux Center city	5 007	1 559	.4	—	18.1	6.5	.4	9.7	17.8	1968	524	180	255	
Sioux Falls city	74 475	28 964	.4	.4	19.8	10.0	4.7	6.5	40.5	1949	537	202	329	
Spencer city	10 979	4 552	.6	1.1	23.1	9.3	5.1	7.9	24.4	1958	489	167	259	
Spirit Lake city	3 871	1 587	—	.4	17.8	3.9	—	12.7	26.3	1966	532	195	275	
Storm Lake city	8 351	3 220	.2	.4	22.3	9.9	3.2	12.0	23.9	1957	520	186	306	
Story City city	2 928	1 195	—	—	15.6	9.5	2.2	13.9	22.3	1969	513	213	350	
Tama city	2 500	1 061	—	.8	16.5	10.0	6.8	9.0	36.5	1953	468	210	333	
Tipton city	2 988	1 270	—	.7	17.0	11.3	5.3	9.6	40.8	1954	496	189	303	

Table 6. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1990—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent							Specified owner, median selected monthly owner costs (dollars)	Specified renter, median gross rent (dollars)		
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built				Median year structure built	
								1980 to March 1990	1939 or earlier				With a mortgage	Not mort- gaged
PLACE AND COUNTY SUBDIVISION— Con.													
Urbandale city	22 822	8 812	—	—	22.4	1.2	.2	30.9	1.3	1973	854	283	516
Vinton city	5 030	1 991	—	.6	17.9	11.0	5.1	5.2	45.9	1947	470	172	247
Washington city	7 003	2 834	.3	.9	18.2	7.8	4.6	6.4	47.1	1944	471	184	282
Waterloo city	57 695	24 065	.3	.7	18.9	8.8	3.0	7.2	26.1	1956	511	204	330
Waukee city	2 494	957	—	.3	22.6	4.0	1.4	18.8	8.6	1971	678	239	408
Waukon city	4 007	1 647	.4	.4	14.9	12.7	2.7	12.6	37.5	1955	536	193	219
Waverly city	8 405	3 021	.1	—	24.3	7.6	1.5	7.8	30.2	1960	583	213	297
Webster City city	7 840	3 181	.3	—	16.9	8.8	6.4	7.7	31.8	1954	484	194	312
West Burlington city	3 021	1 345	.4	.5	15.6	7.0	1.8	6.3	21.3	1962	465	190	354
West Des Moines city	30 635	12 623	.2	.8	29.1	4.2	.5	39.6	6.6	1976	906	251	527
West Liberty city	2 550	953	1.3	—	17.6	7.2	6.1	5.9	34.4	1956	565	213	340
Wilton city	2 591	1 009	—	—	17.9	4.7	2.7	17.5	22.9	1969	598	195	381
Windsor Heights city	5 081	2 211	—	—	20.4	2.2	.5	6.9	6.7	1959	792	311	519
Winterset city	4 142	1 723	.5	—	19.4	10.6	3.9	8.0	42.6	1951	534	177	291

Table 7. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent										Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built		Median year structure built	With a mortgage	Not mort- gaged	
								1980 to March 1990	1939 or earlier				
The State -----	47 259	15 486	.7	.7	33.2	23.1	12.0	9.8	34.5	1955	540	215	351
URBAN AND RURAL AND SIZE OF PLACE													
Urban -----	45 934	15 201	.6	.7	33.2	23.3	12.1	9.6	34.7	1955	537	215	351
Inside urbanized area -----	38 431	13 095	.6	.7	32.3	23.9	11.5	9.6	33.6	1955	554	219	356
Central place -----	36 877	12 544	.6	.7	32.1	24.7	12.0	9.3	34.7	1954	539	219	353
Urban fringe -----	1 554	551	—	—	37.4	6.4	—	15.2	8.3	1972	834	275	460
Outside urbanized area -----	7 503	2 106	.5	.9	39.1	19.8	15.8	9.4	41.5	1948	482	181	320
Place of 10,000 or more -----	5 945	1 904	.5	.4	36.7	20.0	15.0	8.8	41.5	1947	487	183	327
Place of 2,500 to 9,999 -----	1 558	202	—	5.0	61.9	17.8	23.3	15.8	41.6	1958	394	125	245
Rural -----	1 325	285	4.2	1.8	30.2	7.4	8.1	23.2	22.1	1967	758	205	336
Place of 1,000 to 2,499 -----	295	47	—	—	59.6	21.3	21.3	21.3	19.1	1971	495	263	320
Place of less than 1,000 -----	226	61	—	—	29.5	11.5	11.5	11.5	52.5	1940-	513	150	319
Other rural -----	804	177	6.8	2.8	22.6	2.3	3.4	27.7	12.4	1971	788	222	423
Rural farm -----	101	43	27.9	11.6	—	—	—	37.2	30.2	1963	438	175	—
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area -----	39 037	13 201	.6	.7	32.4	23.7	11.4	9.7	33.5	1956	556	219	356
In central city -----	36 877	12 544	.6	.7	32.1	24.7	12.0	9.3	34.7	1954	539	219	353
Not in central city -----	2 160	657	—	—	39.3	5.3	—	18.0	9.3	1972	850	271	457
Urban -----	1 711	571	—	—	39.6	6.1	—	16.3	8.8	1972	834	275	456
Inside urbanized area -----	1 554	551	—	—	37.4	6.4	—	15.2	8.3	1972	834	275	460
Outside urbanized area -----	157	20	—	—	100.0	—	—	45.0	20.0	1969	—	—	304
Rural -----	449	86	—	—	37.2	—	—	29.1	12.8	1975	882	125	467
Outside metropolitan area -----	8 222	2 285	1.0	1.0	37.5	19.2	15.6	10.1	40.4	1949	490	185	320
Urban -----	7 346	2 086	.5	.9	38.5	20.0	16.0	9.1	41.7	1948	482	181	322
Inside urbanized area -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Outside urbanized area -----	7 346	2 086	.5	.9	38.5	20.0	16.0	9.1	41.7	1948	482	181	322
Place of 10,000 or more -----	5 868	1 888	.5	.4	36.1	20.2	15.1	8.4	41.8	1947	487	183	330
Place of 2,500 to 9,999 -----	1 478	198	—	5.1	61.1	18.2	23.7	16.2	40.4	1959	394	125	244
Rural -----	876	199	6.0	2.5	27.1	10.6	11.6	20.6	26.1	1962	632	207	314
COUNTY													
Black Hawk County -----	8 524	2 937	.6	.5	27.2	26.0	12.2	8.1	25.0	1956	428	228	313
Des Moines County -----	1 251	399	—	—	24.1	19.0	16.5	12.8	34.8	1959	529	192	335
Johnson County -----	2 010	600	—	4.3	49.8	25.5	7.2	17.7	14.5	1969	1 057	—	358
Lee County -----	1 176	338	1.5	1.5	32.0	20.1	29.9	13.0	46.7	1942	454	194	292
Linn County -----	3 247	972	—	—	30.7	28.5	7.8	—	37.3	1951	526	189	376
Polk County -----	14 510	5 300	.8	.7	29.9	22.0	10.9	11.8	34.6	1956	584	212	382
Scott County -----	7 827	2 559	.7	.3	36.9	22.9	12.8	8.3	37.2	1960	627	239	342
Story County -----	1 241	370	2.7	2.2	70.3	15.4	8.9	11.9	17.3	1964	406	150	366
Woodbury County -----	2 014	565	—	—	48.3	27.3	20.9	3.2	63.0	1940-	439	236	317
PLACE AND COUNTY SUBDIVISION													
Ames city -----	1 190	353	2.8	2.3	69.4	14.7	7.9	12.5	18.1	1964	406	150	371
Burlington city -----	1 212	391	—	—	24.6	19.4	16.9	13.0	35.5	1950	529	192	335
Cedar Rapids city -----	3 119	948	—	—	28.9	29.2	8.0	6.2	37.7	1951	526	189	377
Davenport city -----	7 455	2 374	.8	.3	37.6	24.7	13.8	7.8	39.2	1957	590	239	340
Des Moines city -----	13 667	5 035	.9	.8	29.3	23.1	11.5	11.4	36.0	1954	571	211	379
Iowa City city -----	1 492	464	—	5.6	51.1	26.7	9.3	17.0	17.9	1969	1 114	—	360
Sioux City city -----	1 993	561	—	—	48.7	27.5	21.0	3.2	62.7	1940-	439	236	317
Waterloo city -----	8 077	2 799	.6	.6	25.6	27.3	12.5	8.5	25.9	1955	424	228	312

Table 8. **Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent										Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built		Median year structure built	With a mortgage	Not mort- gaged	
								1980 to March 1990	1939 or earlier				
The State -----	7 811	2 398	2.0	1.4	36.5	15.6	16.9	10.5	37.6	1952	543	150	327
URBAN AND RURAL AND SIZE OF PLACE													
Urban -----	5 773	1 808	1.3	.7	40.7	18.7	14.5	9.5	38.5	1951	551	169	343
Inside urbanized area -----	4 035	1 210	—	1.1	41.2	19.6	15.0	8.7	38.5	1950	575	187	374
Central place -----	3 613	1 009	—	1.3	44.3	22.1	17.1	4.4	41.9	1947	576	191	359
Urban fringe -----	422	201	—	—	25.9	7.0	4.5	30.3	21.4	1972	573	141	455
Outside urbanized area -----	1 738	598	4.0	—	39.6	16.9	13.5	11.0	38.5	1951	489	151	247
Place of 10,000 or more -----	768	327	7.3	—	33.3	11.9	12.5	7.0	47.7	1942	468	145	309
Place of 2,500 to 9,999 -----	970	271	—	—	47.2	22.9	14.8	15.9	27.3	1963	517	160	199
Rural -----	2 038	590	4.1	3.4	23.7	6.1	24.1	13.7	34.7	1964	459	131	279
Place of 1,000 to 2,499 -----	362	115	1.7	—	37.4	3.5	26.1	9.6	51.3	1940—	464	167	221
Place of less than 1,000 -----	413	155	—	—	28.4	3.2	20.0	5.2	51.0	1940—	333	166	294
Other rural -----	1 263	320	6.9	6.3	16.6	8.4	25.3	19.4	20.9	1971	554	117	323
Rural farm -----	119	48	—	—	25.0	—	12.5	22.9	10.4	1970	—	100—	377
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area -----	4 361	1 318	.2	1.0	39.4	18.4	14.5	9.2	37.9	1951	570	188	372
In central city -----	3 613	1 009	—	1.3	44.3	22.1	17.1	4.4	41.9	1947	576	191	359
Not in central city -----	748	309	.6	—	23.3	6.1	5.8	24.9	24.6	1971	560	143	406
Urban -----	462	225	—	—	23.1	6.2	4.0	27.1	19.1	1972	554	141	419
Inside urbanized area -----	422	201	—	—	25.9	7.0	4.5	30.3	21.4	1972	573	141	455
Outside urbanized area -----	40	24	—	—	—	—	—	—	—	1971	475	—	188
Rural -----	286	84	2.4	—	23.8	6.0	10.7	19.0	39.3	1961	581	263	367
Outside metropolitan area -----	3 450	1 080	4.3	1.9	33.1	12.2	19.8	12.1	37.2	1954	443	138	253
Urban -----	1 698	574	4.2	—	41.3	17.6	14.1	11.5	40.1	1949	508	151	249
Inside urbanized area -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Outside urbanized area -----	1 698	574	4.2	—	41.3	17.6	14.1	11.5	40.1	1949	508	151	249
Place of 10,000 or more -----	759	316	7.6	—	34.5	12.3	13.0	7.3	49.4	1941	435	145	309
Place of 2,500 to 9,999 -----	939	258	—	—	49.6	24.0	15.5	16.7	28.7	1960	517	160	228
Rural -----	1 752	506	4.3	4.0	23.7	6.1	26.3	12.8	34.0	1964	400	130	258
COUNTY													
Woodbury County -----	1 714	392	—	3.3	57.9	31.1	31.1	2.8	43.6	1946	554	125	292
PLACE AND COUNTY SUBDIVISION													
Sioux City city -----	1 670	376	—	3.5	59.6	31.6	31.6	1.3	45.5	1945	554	—	291

Table 9. **Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent								Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)	
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built		With a mortgage	Not mort- gaged		
								1980 to March 1990					1939 or earlier
The State	24 325	6 216	.9	1.6	45.6	11.6	5.4	16.0	21.7	1965	698	240	324
URBAN AND RURAL AND SIZE OF PLACE													
Urban	22 039	5 931	.9	1.6	47.0	12.1	5.5	16.4	21.2	1966	698	241	326
Inside urbanized area	14 659	4 070	1.2	1.4	45.7	10.8	5.3	16.0	23.6	1966	726	243	337
Central place	12 459	3 473	1.4	1.4	47.0	11.9	5.9	13.3	27.2	1964	637	232	326
Urban fringe	2 200	597	—	1.2	38.5	4.2	1.7	31.8	2.5	1974	952	500+	435
Outside urbanized area	7 380	1 861	.4	2.0	49.8	15.0	5.9	17.2	16.1	1965	676	196	304
Place of 10,000 or more	4 842	1 404	—	2.4	47.9	15.3	2.2	14.5	14.0	1964	773	197	314
Place of 2,500 to 9,999	2 538	457	1.8	.9	55.8	14.0	17.3	25.8	22.5	1968	476	145	280
Rural	2 286	285	.7	2.1	16.1	1.4	3.5	6.7	31.6	1963	752	225	238
Place of 1,000 to 2,499	676	97	—	2.1	28.9	4.1	7.2	6.2	52.6	1940—	558	250	245
Place of less than 1,000	458	52	3.8	7.7	19.2	—	—	—	38.5	1960	563	185	216
Other rural	1 152	136	—	—	5.9	—	—	9.6	14.0	1970	868	357	171
Rural farm	382	27	—	—	—	—	—	—	63.0	1940—	438	—	—
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area	15 406	4 210	1.1	1.5	45.2	10.7	5.4	16.1	23.2	1966	752	244	337
In central city	12 459	3 473	1.4	1.4	47.0	11.9	5.9	13.3	27.2	1964	637	232	326
Not in central city	2 947	737	—	1.8	36.6	4.7	3.0	29.2	4.5	1974	952	448	429
Urban	2 469	650	—	1.7	40.0	5.4	3.1	32.0	3.2	1974	961	500+	433
Inside urbanized area	2 200	597	—	1.2	38.5	4.2	1.7	31.8	2.5	1974	952	500+	435
Outside urbanized area	269	53	—	7.5	56.6	18.9	18.9	34.0	11.3	1976	1 188	—	319
Rural	478	87	—	2.3	11.5	—	2.3	8.0	13.8	1972	880	275	206
Outside metropolitan area	8 919	2 006	.5	1.8	46.5	13.6	5.4	15.7	18.5	1964	656	199	301
Urban	7 111	1 808	.4	1.8	49.6	14.9	5.5	16.8	16.3	1964	666	196	303
Inside urbanized area	—	—	—	—	—	—	—	—	—	—	—	—	—
Outside urbanized area	7 111	1 808	.4	1.8	49.6	14.9	5.5	16.8	16.3	1964	666	196	303
Place of 10,000 or more	4 729	1 377	—	2.4	48.4	15.6	2.3	13.8	14.3	1964	763	197	313
Place of 2,500 to 9,999	2 382	431	1.9	—	53.6	12.5	16.0	26.2	22.5	1968	471	145	279
Rural	1 808	198	1.0	2.0	18.2	2.0	4.0	6.1	39.4	1958	567	215	241
COUNTY													
Black Hawk County	1 005	231	—	—	54.1	5.6	5.2	9.1	19.9	1966	925	352	308
Johnson County	3 731	1 325	1.7	2.7	59.8	13.4	1.8	18.6	14.0	1970	885	357	321
Linn County	1 478	335	2.4	2.4	33.1	5.4	6.3	10.7	18.2	1965	825	179	364
Polk County	5 709	1 512	.9	.9	36.2	9.3	7.4	19.5	27.2	1965	657	256	377
Scott County	1 276	267	—	—	36.3	8.2	—	13.5	22.5	1971	582	500+	324
Story County	3 367	1 097	—	3.0	52.3	15.9	1.8	14.8	10.6	1965	850	172	310
Woodbury County	1 276	324	.9	—	39.8	17.0	12.3	7.1	39.2	1946	525	254	292
PLACE AND COUNTY SUBDIVISION													
Ames city	3 221	1 066	—	3.1	53.1	16.3	1.9	15.0	10.9	1964	836	175	310
Cedar Rapids city	1 119	279	2.9	2.9	37.3	6.5	7.5	10.0	21.9	1964	880	179	374
Des Moines city	4 437	1 169	1.2	.5	38.1	12.1	9.6	12.7	34.5	1957	581	229	342
Iowa City city	3 305	1 159	2.0	3.1	58.4	13.2	1.2	20.1	16.0	1971	919	357	318
Sioux City city	1 156	299	1.0	—	40.1	18.4	13.4	4.7	39.5	1946	525	254	293

Table 10. Summary of Detailed Housing Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent										Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built		Median year structure built	With a mortgage	Not mort- gaged	
								1980 to March 1990	1939 or earlier				
The State -----	30 642	7 657	.7	.7	37.5	12.9	13.5	10.7	37.1	1952	541	190	340
URBAN AND RURAL AND SIZE OF PLACE													
Urban -----	26 050	6 656	.5	.6	38.5	13.7	13.0	10.3	36.9	1952	552	193	348
Inside urbanized area -----	17 426	4 442	.4	.9	39.1	13.6	12.8	10.0	34.1	1954	589	199	363
Central place -----	14 507	3 679	.5	.8	40.6	14.4	14.5	8.8	38.7	1951	561	202	351
Urban fringe -----	2 919	763	—	1.4	32.2	9.6	4.3	16.3	11.8	1966	691	192	430
Outside urbanized area -----	8 624	2 214	.8	—	37.3	13.9	13.6	10.7	42.7	1947	477	182	318
Place of 10,000 or more -----	5 308	1 458	—	—	37.2	15.4	13.9	10.8	39.6	1949	457	184	318
Place of 2,500 to 9,999 -----	3 316	756	2.4	—	37.4	11.0	12.8	10.7	48.7	1941	514	176	318
Rural -----	4 592	1 001	1.6	1.2	31.1	7.5	16.3	13.3	37.9	1952	486	176	290
Place of 1,000 to 2,499 -----	1 232	291	3.4	1.4	36.4	7.9	22.0	12.0	51.2	1940—	413	192	290
Place of less than 1,000 -----	1 221	296	.7	1.4	32.1	9.8	18.6	14.2	37.2	1953	450	165	283
Other rural -----	2 139	414	1.0	1.0	26.6	5.6	10.6	13.5	29.0	1957	535	177	294
Rural farm -----	293	88	—	—	18.2	2.3	10.2	8.0	52.3	1940—	200—	—	—
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area -----	18 926	4 751	.4	.8	38.6	12.8	12.3	10.6	33.8	1955	589	201	362
In central city -----	14 507	3 679	.5	.8	40.6	14.4	14.5	8.8	38.7	1951	561	202	351
Not in central city -----	4 419	1 072	—	1.0	32.0	7.4	4.5	17.0	17.2	1965	683	198	415
Urban -----	3 388	883	—	1.2	33.7	8.3	4.1	17.8	13.8	1965	692	198	450
Inside urbanized area -----	2 919	763	—	1.4	32.2	9.6	4.3	16.3	11.8	1966	691	192	430
Outside urbanized area -----	469	120	—	—	43.3	—	2.5	27.5	26.7	1963	755	243	539
Rural -----	1 031	189	—	—	23.8	3.2	6.3	13.2	32.8	1964	567	183	261
Outside metropolitan area -----	11 716	2 906	1.2	.4	35.8	12.9	15.4	10.8	42.4	1947	471	178	311
Urban -----	8 155	2 094	.9	—	37.0	14.7	14.2	9.8	43.6	1946	473	179	314
Inside urbanized area -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Outside urbanized area -----	8 155	2 094	.9	—	37.0	14.7	14.2	9.8	43.6	1946	473	179	314
Place of 10,000 or more -----	5 058	1 376	—	—	36.8	16.3	14.5	9.1	41.5	1947	457	183	314
Place of 2,500 to 9,999 -----	3 097	718	2.5	—	37.2	11.6	13.5	11.1	47.8	1942	499	169	315
Rural -----	3 561	812	2.0	1.5	32.8	8.5	18.6	13.3	39.0	1951	467	175	299
COUNTY													
Johnson County -----	1 186	417	—	—	49.9	13.4	4.8	20.9	24.7	1963	882	225	398
Linn County -----	1 333	414	1.7	1.7	37.0	22.2	14.5	13.8	23.4	1958	486	188	376
Muscatine County -----	2 850	671	.9	—	31.7	18.6	22.5	10.3	40.7	1949	469	182	315
Polk County -----	6 452	1 577	.6	1.2	34.1	10.4	9.0	9.3	24.7	1959	623	207	431
Pottawattamie County -----	1 409	359	—	—	25.9	16.2	8.9	16.4	32.3	1954	495	198	324
Scott County -----	4 161	1 001	.2	1.4	40.0	12.4	9.9	8.5	39.9	1953	630	204	340
Woodbury County -----	2 595	557	—	—	54.0	13.5	35.7	5.9	61.9	1940—	500	177	273
PLACE AND COUNTY SUBDIVISION													
Cedar Rapids city -----	1 032	354	2.0	2.0	33.9	22.0	13.6	11.9	24.3	1955	448	188	395
Council Bluffs city -----	1 167	309	—	—	28.2	18.1	10.4	12.9	34.6	1952	498	191	322
Davenport city -----	3 357	767	.3	.9	42.1	12.9	10.3	7.2	49.3	1942	590	211	337
Des Moines city -----	4 550	1 133	.8	1.3	36.9	11.9	12.2	7.8	28.4	1956	594	221	408
Muscatine city -----	1 833	458	—	—	31.7	22.5	27.5	5.5	48.9	1941	477	177	302
Sioux City city -----	2 420	519	—	—	53.2	13.9	36.6	5.2	64.2	1940—	503	177	272

Table 11. Summary of Detailed Housing Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent										Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built		Median year structure built	With a mortgage	Not mort- gaged	
								1980 to March 1990	1939 or earlier				
COUNTY—Con.													
Johnson County	89 109	33 703	.4	.6	28.2	7.0	2.2	22.1	19.4	1968	759	253	419
Jones County	18 991	6 886	.4	.3	13.3	5.2	3.4	7.7	40.6	1954	454	188	279
Keokuk County	11 542	4 554	1.3	1.4	11.8	5.5	4.9	5.3	52.5	1940—	384	156	250
Kossuth County	18 487	7 176	.8	.3	10.7	4.7	2.9	7.9	41.6	1950	437	178	259
Lee County	36 672	14 364	.5	.9	16.9	7.9	5.7	7.6	40.6	1951	497	206	292
Linn County	162 391	63 735	.2	.2	19.5	6.8	1.9	11.0	23.5	1961	615	220	371
Louisia County	11 110	4 168	.7	.6	11.6	5.3	6.2	9.0	39.9	1955	481	176	299
Lucas County	8 975	3 744	1.5	1.4	17.4	9.3	6.0	8.8	44.4	1950	415	174	259
Lyon County	11 890	4 278	.4	.3	11.4	5.4	2.6	6.0	45.7	1944	427	170	252
Madison County	12 391	4 695	1.2	.6	16.1	5.9	3.9	9.9	46.7	1946	521	177	296
Mahaska County	21 209	8 201	.3	.3	17.5	7.7	5.3	10.4	39.1	1952	475	189	288
Marion County	29 491	10 748	1.1	.6	16.1	6.1	4.4	13.9	31.1	1962	553	192	323
Marshall County	37 312	14 638	.5	.4	16.3	6.0	2.6	4.1	38.6	1953	555	222	323
Mills County	13 106	4 645	.6	.7	15.5	5.8	3.6	10.8	37.7	1959	530	201	321
Mitchell County	10 845	4 239	1.7	1.8	12.0	5.7	5.0	7.9	47.3	1945	395	167	234
Monona County	9 949	4 077	.6	1.1	13.4	7.3	4.3	4.8	50.4	1940—	394	165	241
Monroe County	7 966	3 142	1.5	1.2	14.6	9.5	6.2	11.1	43.2	1951	438	180	267
Montgomery County	12 044	4 953	.4	.5	15.0	6.3	4.2	6.1	50.9	1940—	480	181	254
Muscatine County	36 612	14 019	.4	.2	15.1	7.1	4.5	12.8	36.2	1956	589	199	347
O'Brien County	15 304	5 961	.3	.3	15.8	5.4	2.6	7.2	43.2	1946	443	165	249
Osceola County	7 211	2 806	.7	.9	11.7	5.1	2.8	6.7	46.6	1943	380	158	263
Page County	16 595	6 636	.4	.2	13.7	8.9	4.7	7.5	45.1	1946	457	197	256
Palo Alto County	10 610	4 172	.8	.9	15.2	6.2	3.5	6.8	40.2	1951	414	165	243
Plymouth County	23 280	8 398	.6	.6	13.3	5.1	1.6	10.7	40.1	1952	511	189	297
Pocahontas County	9 453	3 813	.6	.5	11.5	5.5	3.0	7.7	47.6	1942	381	156	247
Polk County	299 744	120 517	.2	.5	22.7	6.9	2.4	16.2	21.2	1962	688	240	442
Pottawattamie County	80 339	30 570	.3	.4	17.0	7.8	3.5	8.7	33.0	1956	554	213	372
Poweshiek County	18 732	7 127	.5	.7	15.9	5.5	2.7	11.2	38.3	1956	524	197	300
Ringgold County	5 364	2 208	1.3	.9	12.3	4.5	3.4	9.1	49.6	1941	406	155	257
Sac County	12 235	4 894	.5	.5	12.9	6.5	2.7	4.4	46.4	1945	384	162	250
Scott County	137 191	53 380	.2	.3	21.3	7.0	2.7	10.1	23.7	1962	622	225	364
Shelby County	13 113	4 983	.6	.4	12.1	4.9	2.2	4.9	45.0	1945	459	189	265
Sioux County	29 533	9 876	.6	.5	14.4	4.8	1.7	8.2	38.0	1955	484	181	265
Story County	68 869	24 324	.3	.6	27.7	4.9	1.9	12.7	21.9	1965	660	239	402
Tama County	16 373	6 549	1.2	.8	11.4	5.8	2.9	7.1	49.4	1941	467	192	307
Taylor County	7 034	2 850	1.1	.9	13.0	5.5	4.8	5.4	51.4	1940—	400	151	235
Union County	12 613	5 141	.7	1.1	15.8	10.0	5.2	6.2	41.6	1951	423	178	293
Van Buren County	7 649	3 049	2.7	1.0	13.6	7.6	5.9	10.4	48.2	1943	365	166	244
Wapello County	34 856	14 291	.6	.9	16.4	9.3	6.4	6.0	38.6	1949	412	148	277
Warren County	35 562	12 551	.4	.6	16.6	3.7	1.7	15.7	19.4	1968	623	214	347
Washington County	19 326	7 356	.9	.9	13.2	6.2	4.0	7.7	46.6	1945	487	185	298
Wayne County	7 035	2 944	1.2	1.3	14.7	8.4	5.8	8.9	46.8	1945	360	166	229
Webster County	38 941	15 509	.4	.8	18.1	8.3	3.4	5.1	36.8	1952	473	199	296
Winneshiek County	11 838	4 666	.4	.2	12.8	6.2	2.1	8.1	34.1	1956	489	173	270
Woodbury County	20 575	7 238	1.1	1.1	16.3	6.1	2.1	10.6	47.4	1944	528	191	280
Worth County	90 934	35 113	.6	.4	18.5	9.0	4.2	7.2	40.5	1950	538	199	328
Wright County	7 890	3 215	.6	.6	11.2	5.9	3.2	5.1	49.6	1940	433	183	254
Wright County	14 101	5 858	.5	.4	13.5	6.5	4.1	6.6	41.0	1950	438	194	280
PLACE AND COUNTY SUBDIVISION													
Adel city	3 246	1 229	—	—	20.4	3.9	3.7	15.8	33.1	1965	640	238	358
Albia city	3 788	1 559	.4	—	19.1	13.9	6.4	10.8	44.5	1948	443	180	273
Algona city	5 962	2 415	1.3	—	15.9	7.2	4.6	12.3	28.4	1957	459	183	302
Altoona city	7 055	2 488	—	—	26.2	1.6	1.8	24.9	4.4	1974	689	243	436
Ames city	42 161	14 075	.3	.7	35.8	5.2	1.3	14.2	16.7	1966	719	251	420
Anamosa city	4 686	1 523	—	—	17.4	6.0	4.9	9.0	32.8	1958	434	183	267
Ankeny city	18 318	6 663	—	—	27.3	1.6	.9	22.9	3.0	1973	777	265	433
Atlantic city	7 330	3 111	.3	.6	19.6	9.2	4.7	10.8	34.7	1954	502	164	280
Audubon city	2 527	1 074	.5	—	12.4	9.7	2.9	4.4	43.9	1946	410	182	267
Belle Plaine city	2 826	1 200	1.5	1.3	12.3	9.6	5.7	6.5	54.1	1940—	406	176	232
Belmond city	2 471	1 073	.2	—	15.7	7.0	2.4	12.6	20.3	1962	483	195	252
Bettendorf city	26 736	10 179	.1	.2	19.6	3.4	.8	16.9	5.6	1968	721	238	413
Bloomfield city	2 530	1 099	.9	—	16.3	8.8	3.8	7.9	37.9	1953	437	179	270
Boone city	12 276	5 051	.3	.7	18.7	6.8	4.6	7.9	52.2	1940—	498	224	291
Burlington city	25 511	10 452	.1	.3	15.9	10.4	4.0	3.9	48.8	1941	490	195	315
Camanche city	4 344	1 686	1.6	—	18.7	3.0	4.0	7.9	8.9	1968	511	186	324
Carlisle city	3 209	1 186	—	—	20.8	7.3	.3	11.6	8.0	1968	611	230	336
Carroll city	9 514	3 644	.2	.6	19.8	8.3	1.4	12.6	23.3	1961	511	195	293
Carter Lake city	3 066	1 064	—	.7	14.8	.5	4.1	8.4	10.3	1962	500	212	469
Cedar Falls city	33 019	11 357	.2	.1	24.6	4.1	1.3	7.6	18.2	1960	610	216	329
Cedar Rapids city	103 258	42 064	.1	.1	20.8	8.5	2.1	9.3	24.4	1959	608	218	383
Centerville city	5 797	2 499	.6	.6	21.8	13.5	8.4	7.3	38.9	1956	441	158	252
Chariton city	4 561	2 017	.2	.5	22.8	14.2	6.3	8.6	40.4	1957	410	178	255
Charles City city	7 786	3 284	.2	—	19.8	8.4	5.4	2.5	28.8	1954	437	179	254
Cherokee city	5 881	2 444	—	—	18.5	10.4	3.6	3.4	39.0	1951	416	174	242
Clarinda city	5 012	1 983	—	—	17.3	11.2	4.5	8.7	40.0	1951	469	197	242
Clarion city	2 620	1 145	—	—	14.5	7.9	6.0	5.2	40.4	1951	419	199	284
Clear Lake city	7 958	3 326	.5	.4	21.8	4.2	2.9	13.2	23.9	1960	570	211	328
Clinton city	28 140	11 377	.2	.3	18.7	10.7	5.3	3.5	45.3	1945	464	193	302
Clive city	7 187	2 688	.9	.3	24.9	1.5	2.0	24.7	2.2	1975	1 021	278	472

DETAILED HOUSING CHARACTERISTICS

Table 11. Summary of Detailed Housing Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Percent								Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)	
	All persons	Occupied housing units	Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built		With a mortgage	Not mort- gaged		
								1980 to March 1990					1939 or earlier
PLACE AND COUNTY SUBDIVISION— Con.													
Coralville city	9 458	4 291	.4	—	36.1	5.7	1.8	35.0	2.6	1974	772	241	421
Council Bluffs city	52 433	20 543	.3	.4	20.0	10.0	4.4	8.4	32.9	1954	538	215	379
Cresco city	3 640	1 541	.2	—	16.1	6.4	3.1	6.9	42.3	1950	464	178	241
Creston city	7 793	3 320	.4	.7	19.9	12.8	5.9	5.9	39.2	1953	430	185	293
Davenport city	83 227	33 711	.2	.4	23.1	9.3	3.5	7.2	30.1	1957	580	222	354
Decorah city	7 841	2 684	.4	1.2	23.2	8.4	2.3	14.3	42.0	1952	612	214	295
Denison city	6 333	2 527	—	—	21.0	8.7	2.0	13.5	29.4	1963	468	179	278
Des Moines city	169 978	70 885	.2	.6	22.2	9.9	3.4	8.6	31.0	1953	607	235	413
De Witt city	4 495	1 821	.4	—	22.0	7.9	2.4	10.9	23.8	1962	550	244	318
Dubuque city	56 465	21 200	.2	.4	18.8	11.3	2.4	6.8	39.5	1953	557	211	314
Dyersville city	3 719	1 428	—	—	13.9	3.6	1.9	12.5	26.8	1961	558	191	298
Eagle Grove city	3 651	1 509	.4	.9	17.2	10.6	8.0	5.0	44.0	1945	391	194	308
Eldora city	2 952	1 178	—	—	16.1	8.1	1.9	7.4	44.8	1951	478	189	322
Eldridge city	3 369	1 147	—	—	21.4	2.1	1.0	22.4	6.5	1973	666	228	379
Emmetsburg city	3 903	1 583	.3	—	19.7	9.0	5.4	6.5	25.3	1959	460	174	252
Estherville city	6 675	2 674	.3	—	20.7	6.8	6.2	3.8	29.2	1953	391	161	242
Evansdale city	4 619	1 692	.1	—	17.6	8.5	3.8	7.0	6.4	1959	451	192	311
Fairfield city	9 420	3 771	—	.3	21.3	10.1	4.8	16.2	42.1	1951	568	228	333
Forest City city	4 258	1 593	—	.3	19.1	5.6	3.9	9.2	23.4	1964	524	179	290
Fort Dodge city	24 620	10 078	.4	.9	21.0	10.9	3.6	5.0	35.1	1952	481	211	303
Fort Madison city	10 481	4 265	.2	1.5	18.9	10.6	5.9	2.3	46.2	1943	491	197	290
Garner city	2 872	1 145	—	—	23.0	5.5	3.3	11.6	23.8	1960	514	240	317
Glenwood city	4 525	1 724	.3	.6	19.4	8.7	4.5	10.0	27.3	1966	515	211	319
Grimes city	2 607	981	—	—	21.4	3.0	1.4	28.0	11.3	1975	632	206	404
Grinnell city	8 633	3 270	—	.4	18.5	8.7	3.1	13.0	36.6	1957	572	219	315
Hampton city	4 047	1 712	.5	.5	20.5	9.4	6.1	2.2	43.9	1947	442	180	265
Harlan city	5 082	2 075	—	—	16.6	7.3	2.3	4.2	30.8	1956	461	198	277
Hiawatha city	4 869	2 104	—	.5	25.8	1.9	2.1	17.4	.5	1973	539	202	363
Humboldt city	4 404	1 886	.3	—	14.2	6.0	1.8	7.1	26.3	1957	489	199	273
Independence city	5 939	2 356	—	.2	15.7	8.8	4.5	6.1	39.0	1953	471	173	286
Indianola city	11 152	4 101	.2	.3	19.8	6.5	2.3	13.4	20.2	1966	628	205	335
Iowa City city	54 017	19 993	.3	.7	33.8	8.7	1.9	21.1	19.6	1967	770	267	423
Iowa Falls city	5 299	2 142	—	—	18.1	8.5	3.9	8.0	31.4	1956	450	212	294
Jefferson city	4 221	1 842	—	.3	18.2	12.1	1.8	9.8	41.3	1952	468	184	279
Johnston city	4 596	1 790	.6	2.0	26.9	4.6	.9	54.0	6.0	1981	969	248	573
Keokuk city	11 793	4 847	.5	.9	21.3	11.3	8.0	6.2	51.3	1940—	470	215	280
Knoxville city	8 160	3 192	—	.5	18.5	9.6	7.0	12.6	27.7	1961	548	180	304
Le Claire city	2 659	980	.6	1.3	16.1	3.3	1.6	8.1	17.7	1965	589	231	329
Le Mars city	8 396	3 152	.6	.6	17.7	8.0	1.9	15.9	32.0	1957	525	199	304
Manchester city	5 068	1 962	—	1.4	17.7	8.3	5.0	11.1	33.4	1957	477	202	303
Maquoketa city	6 061	2 556	.7	.3	18.0	13.9	5.6	12.8	32.7	1956	451	185	272
Marion city	19 961	7 684	.4	.1	22.1	4.7	1.6	16.4	13.1	1966	632	227	339
Marshalltown city	24 283	9 737	.6	.4	19.0	7.6	3.0	3.5	36.0	1953	567	229	328
Mason City city	27 938	11 641	.1	.4	19.3	8.5	4.2	8.4	33.6	1952	513	189	320
Missouri Valley city	2 874	1 148	.7	.6	16.4	12.2	5.6	3.5	54.3	1940—	524	190	282
Monticello city	3 514	1 456	—	—	14.8	10.2	4.2	7.6	34.2	1960	478	199	286
Mount Pleasant city	7 574	2 883	.2	.9	20.5	8.9	3.2	16.1	27.7	1963	530	201	301
Mount Vernon city	3 579	997	.7	.7	16.5	6.8	2.4	8.9	52.7	1940—	681	227	353
Muscatine city	20 796	8 211	.1	.2	16.9	10.1	4.7	10.8	39.1	1951	572	199	332
Nevada city	5 901	2 405	—	—	21.9	6.6	3.7	13.7	19.0	1965	569	252	328
New Hampton city	3 650	1 463	—	—	16.6	9.7	4.2	7.1	43.6	1949	471	177	261
Newton city	14 444	6 143	.1	.3	19.9	7.5	2.7	11.7	26.7	1956	533	183	297
North Liberty city	2 881	1 138	—	—	17.0	1.2	5.0	31.9	6.8	1976	645	232	406
Norwalk city	5 646	1 839	.4	.7	17.9	1.1	—	29.7	5.3	1974	670	262	412
Oelwein city	6 284	2 587	.3	—	16.9	11.5	3.9	3.3	50.6	1940—	348	161	301
Onawa city	2 867	1 254	.5	.5	15.9	11.8	6.6	3.9	40.4	1947	373	159	226
Orange City city	4 846	1 534	—	—	18.3	4.2	—	10.1	26.2	1961	562	184	283
Osage city	3 401	1 502	1.0	1.3	15.0	6.1	7.5	5.9	40.5	1952	403	162	233
Osceola city	4 134	1 832	—	.9	17.4	10.4	6.6	9.8	33.0	1962	468	191	279
Oskaloosa city	10 385	4 243	.1	.2	21.0	12.0	6.4	10.5	36.6	1953	487	195	287
Ottumwa city	23 786	10 049	.3	.8	18.2	11.4	7.1	4.2	41.4	1946	410	145	279
Pella city	8 976	3 064	.3	.2	18.0	4.7	1.8	16.8	23.4	1965	564	205	355
Perry city	6 602	2 680	—	.6	20.5	9.9	3.9	6.2	45.6	1946	496	200	308
Pleasant Hill city	3 563	1 280	—	—	18.0	2.4	—	19.0	2.0	1973	716	267	436
Red Oak city	6 243	2 716	—	.4	14.5	7.4	4.2	6.0	44.1	1946	508	200	268
Rock Rapids city	2 579	1 064	—	.2	14.4	10.7	3.6	5.3	33.7	1953	424	149	213
Rock Valley city	2 442	955	—	—	18.7	10.4	5.4	12.8	29.0	1961	483	174	259
Saylorville CDP	2 565	986	—	.8	15.0	2.4	1.5	6.2	10.1	1965	764	260	363
Sergeant Bluff city	2 548	836	.7	—	21.3	5.9	—	18.7	17.9	1963	620	221	481
Sheldon city	4 914	1 904	—	—	24.1	6.2	2.5	11.4	29.3	1959	501	196	270
Shenandoah city	5 423	2 343	.3	—	16.0	12.8	6.7	7.6	40.3	1951	452	199	259
Sibley city	2 795	1 132	.4	.4	14.2	7.2	3.7	10.2	34.9	1953	384	147	274
Sioux Center city	4 988	1 559	.4	—	18.1	6.5	.4	9.7	17.8	1968	524	180	255
Sioux City city	73 501	28 777	.4	.4	19.6	10.0	4.5	6.5	40.4	1949	537	202	329
Spencer city	10 970	4 552	.6	1.1	23.1	9.3	5.1	7.9	24.4	1958	489	167	259
Spirit Lake city	3 866	1 587	—	.4	17.8	3.9	5.2	12.7	26.3	1966	532	195	275
Storm Lake city	8 317	3 213	.2	.4	22.4	9.9	3.0	12.1	23.7	1957	520	186	308
Story City city	2 928	1 195	—	—	15.6	9.5	2.2	13.9	22.3	1969	513	213	350
Tama city	2 492	1 061	—	.8	16.5	10.0	6.8	9.0	36.5	1953	468	210	333
Tipton city	2 956	1 258	—	.7	16.2	11.4	5.3	9.7	40.2	1955	496	189	301

Table 11. **Summary of Detailed Housing Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990—Con.**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent						Year structure built		Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No tele- phone in unit	Year structure built		With a mortgage		Not mort- gaged		
								1980 to March 1990	1939 or earlier					
PLACE AND COUNTY SUBDIVISION— Con.														
Urbandale city -----	22 726	8 795	—	—	22.3	1.2	.2	31.0	1.3	1973	854	283	517	
Vinton city -----	5 015	1 983	—	.6	18.0	11.0	5.1	5.2	45.7	1948	467	172	247	
Washington city -----	6 948	2 811	.3	.9	17.7	7.9	4.0	6.4	46.6	1945	470	184	286	
Waterloo city -----	57 342	23 975	.3	.7	18.8	8.8	3.0	7.2	26.0	1956	512	204	330	
Waukee city -----	2 485	956	—	.3	22.6	4.0	1.4	18.7	8.6	1971	677	239	408	
Waukon city -----	4 001	1 641	.4	.4	14.6	12.7	2.7	12.2	37.7	1955	538	193	219	
Waverly city -----	8 365	3 021	.1	—	24.3	7.6	1.5	7.8	30.2	1960	583	213	297	
Webster City city -----	7 791	3 175	.3	—	16.9	8.8	6.5	7.7	31.6	1954	484	194	313	
West Burlington city -----	3 006	1 338	.4	.5	15.7	7.0	1.8	6.4	21.4	1962	465	190	355	
West Des Moines city -----	30 119	12 501	.2	.9	29.0	4.1	.5	39.7	6.3	1976	909	254	526	
West Liberty city -----	2 190	889	.7	—	16.2	7.0	5.1	4.4	35.2	1956	557	213	342	
Wilton city -----	2 583	998	—	—	18.1	3.6	2.7	17.7	22.0	1969	598	196	381	
Windsor Heights city -----	4 990	2 211	—	—	20.4	2.2	.5	6.9	6.7	1959	792	311	519	
Winterset city -----	4 142	1 723	.5	—	19.4	10.6	3.9	8.0	42.6	1951	534	177	291	

Table 12. **Summary of Detailed Housing Characteristics for American Indian, Eskimo, or Aleut Householders for American Indian and Alaska Native Areas: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

American Indian Area	American Indian, Eskimo, or Aleut householder							
	Total	Percent			Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
		Lacking complete plumbing facilities	No vehicle available	No telephone in unit		With a mortgage	Not mortgaged	
AMERICAN INDIAN RESERVATION AND TRUST LAND								
All areas	134	16.4	14.2	37.3	1973	—	117	177
Sac and Fox (Iowa) Reservation, IA	134	16.4	14.2	37.3	1973	—	117	177

Table 15. Financial Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
HOUSEHOLD INCOME IN 1989											
Occupied housing units	1 064 325	657 593	366 900	292 931	73 969	130 346	160 347	406 732	89 370	96 755	90 520
Median income (dollars)	26 048	26 248	28 316	26 387	36 378	24 776	23 275	25 767	23 057	21 735	28 006
Owner occupied	745 371	431 965	235 833	184 206	51 627	84 398	111 734	313 406	67 557	76 910	68 990
Median income (dollars)	30 612	32 419	35 345	33 438	42 896	31 524	27 723	27 992	26 231	23 796	29 227
Renter occupied	318 954	225 628	131 067	108 725	22 342	45 948	48 613	93 326	21 813	19 845	21 530
Median income (dollars)	17 303	16 446	17 579	16 256	24 872	14 924	14 867	19 632	14 971	14 796	25 294
Specified owner-occupied housing units	571 870	380 769	208 014	163 160	44 854	75 095	97 660	191 101	59 751	66 141	5 662
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	319 340	226 476	134 765	101 255	33 510	42 173	49 538	92 864	26 391	26 094	3 116
Less than \$200	2 925	1 279	483	429	54	320	476	1 646	433	676	105
\$200 to \$299	19 343	11 117	4 423	3 736	687	2 871	3 823	8 226	2 591	3 567	231
\$300 to \$399	49 173	31 772	15 248	12 778	2 470	6 933	9 591	17 401	5 796	6 861	426
\$400 to \$499	58 952	40 020	21 019	17 539	3 480	8 197	10 804	18 932	6 253	6 071	594
\$500 to \$599	54 958	39 380	23 138	18 944	4 194	7 130	9 112	15 578	4 635	4 121	522
\$600 to \$699	42 017	31 209	19 681	15 297	4 384	5 408	6 120	10 808	2 970	2 329	460
\$700 to \$799	30 508	23 409	15 544	11 489	4 055	3 887	3 978	7 099	1 777	1 181	261
\$800 to \$899	20 637	15 677	10 795	7 149	3 646	2 511	2 371	4 960	1 010	611	214
\$900 to \$999	13 409	10 451	7 281	4 385	2 896	1 791	1 379	2 958	444	294	74
\$1,000 to \$1,249	15 762	12 497	9 353	5 236	4 117	1 929	1 215	3 265	351	273	157
\$1,250 to \$1,499	5 828	4 874	3 799	1 946	1 853	669	406	954	80	75	21
\$1,500 to \$1,999	3 867	3 193	2 637	1 459	1 178	380	176	674	45	30	37
\$2,000 or more	1 961	1 598	1 364	868	496	147	87	363	6	5	17
Median (dollars)	550	573	615	585	537	537	501	501	469	429	536
Mean (dollars)	615	639	688	649	804	594	544	558	501	462	587
Not mortgaged	252 530	154 293	73 249	61 905	11 344	32 922	48 122	98 237	33 360	40 047	2 546
Less than \$100	10 042	4 128	1 013	899	114	1 110	2 005	5 914	1 708	2 919	95
\$100 to \$199	122 916	67 912	26 346	23 207	3 139	16 050	25 516	55 004	19 349	24 923	984
\$200 to \$299	92 577	62 284	33 275	27 651	5 624	12 163	16 846	30 473	10 335	10 490	1 053
\$300 to \$399	20 049	14 847	9 206	7 428	1 778	2 772	2 869	5 202	1 600	1 399	222
\$400 to \$499	4 039	2 968	1 873	1 467	406	503	592	1 071	224	251	138
\$500 or more	2 727	2 154	1 536	1 253	283	324	294	573	144	125	54
Median (dollars)	196	206	222	219	236	196	189	181	180	171	216
Mean (dollars)	208	219	236	234	251	209	198	191	189	178	231
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
With a mortgage	319 340	226 476	134 765	101 255	33 510	42 173	49 538	92 864	26 391	26 094	3 116
Less than 10 percent	28 574	20 132	12 150	9 098	3 052	3 788	4 194	8 442	2 378	2 556	297
10 to 14 percent	71 868	49 484	28 082	21 570	6 512	10 190	11 212	22 384	6 559	6 937	625
15 to 19 percent	83 722	59 525	35 352	26 423	8 929	11 083	13 090	24 197	7 102	6 739	595
20 to 24 percent	58 121	42 315	25 841	18 941	6 900	7 630	8 844	15 806	4 500	3 994	429
25 to 29 percent	30 201	21 946	13 256	9 655	3 601	3 942	4 748	8 255	2 297	2 153	298
30 to 34 percent	15 517	11 382	7 036	5 223	1 813	1 765	2 581	4 135	1 121	1 084	201
35 percent or more	30 431	21 138	12 737	10 113	2 624	3 688	4 713	9 293	2 370	2 538	651
Not computed	906	554	311	232	79	87	156	352	64	93	20
Median	18.5	18.6	18.8	18.8	19.0	18.2	18.5	18.2	18.0	17.6	20.4
Not mortgaged	252 530	154 293	73 249	61 905	11 344	32 922	48 122	98 237	33 360	40 047	2 546
Less than 10 percent	108 647	64 773	29 983	24 707	5 276	14 700	20 090	43 874	14 287	17 144	1 081
10 to 14 percent	55 774	34 900	17 326	14 801	2 525	7 063	10 511	20 874	7 232	8 857	516
15 to 19 percent	31 196	19 719	9 151	7 781	1 370	4 254	6 314	11 477	4 096	4 760	344
20 to 24 percent	18 663	11 556	5 600	4 821	1 779	2 371	3 585	7 107	2 536	3 004	211
25 to 29 percent	11 625	7 203	3 448	2 921	527	1 432	2 323	4 422	1 575	1 952	99
30 to 34 percent	7 171	4 355	1 991	1 751	240	827	1 537	2 816	979	1 212	69
35 percent or more	17 598	10 639	5 137	4 612	525	2 045	3 457	6 959	2 426	2 858	204
Not computed	1 856	1 148	613	511	102	230	305	708	229	260	22
Median	11.5	11.7	11.8	12.0	10.7	11.2	11.8	11.2	11.6	11.6	11.8
Specified renter-occupied housing units	285 743	224 831	130 654	108 375	22 279	45 785	48 392	60 912	21 643	19 457	1 838
GROSS RENT											
Less than \$100	5 012	3 639	1 300	1 217	83	870	1 469	1 373	656	548	21
\$100 to \$149	14 796	10 948	4 501	4 272	229	2 598	3 849	3 848	1 772	1 619	86
\$150 to \$199	20 693	14 663	5 710	5 407	303	4 040	4 913	6 030	2 436	2 411	115
\$200 to \$249	29 411	21 043	9 306	8 791	515	4 839	6 898	8 368	3 223	2 943	168
\$250 to \$299	36 682	26 688	13 464	12 086	1 378	5 835	7 369	10 014	3 888	3 368	174
\$300 to \$349	40 002	31 240	17 248	14 967	2 281	6 679	7 313	8 762	3 169	2 734	251
\$350 to \$399	36 659	30 598	17 966	15 246	2 720	6 451	6 181	6 061	2 199	1 590	150
\$400 to \$449	29 384	25 749	17 275	14 085	3 190	4 841	3 633	3 635	1 268	925	55
\$450 to \$499	21 350	19 229	13 525	10 250	3 275	3 549	2 155	2 121	717	461	94
\$500 to \$549	13 673	12 533	9 417	6 827	2 590	2 073	1 043	1 140	354	263	27
\$550 to \$599	8 463	7 845	5 989	4 281	1 708	1 129	727	618	175	145	5
\$600 to \$649	5 235	4 985	4 073	2 833	1 240	512	400	250	77	48	15
\$650 to \$699	3 569	3 589	2 891	2 085	806	381	156	141	27	20	7
\$700 to \$749	1 992	1 893	1 582	1 002	580	258	53	99	25	24	4
\$750 to \$999	3 567	3 425	2 829	2 122	707	408	188	142	37	36	6
\$1,000 or more	990	876	740	501	239	108	28	114	17	14	11
No cash rent	14 265	6 069	2 838	2 403	435	1 214	2 017	8 196	1 603	2 308	649
Median (dollars)	336	352	385	371	453	329	291	284	275	264	306
Mean (dollars)	350	364	398	383	468	338	298	293	281	272	319

Table 18. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			Rural farm	
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499		Place of less than 1,000
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	15 486	15 201	13 095	12 544	551	1 904	202	285	47	61	43
TENURE											
Owner-occupied housing units	6 010	5 824	5 016	4 798	218	773	35	186	20	31	36
Renter-occupied housing units	9 476	9 377	8 079	7 746	333	1 131	167	99	27	30	7
YEAR STRUCTURE BUILT											
Owner-occupied housing units	6 010	5 824	5 016	4 798	218	773	35	186	20	31	36
1989 to March 1990	30	30	30	23	7	—	—	—	—	—	—
1985 to 1988	87	78	56	36	20	8	14	9	2	—	—
1980 to 1984	257	226	200	191	9	26	—	31	3	7	9
1970 to 1979	781	723	654	573	81	69	—	58	8	4	2
1960 to 1969	804	779	693	647	46	81	5	25	—	3	5
1950 to 1959	805	787	707	706	1	76	4	18	—	—	7
1940 to 1949	688	686	596	582	14	90	—	2	—	2	—
1939 or earlier	2 558	2 515	2 080	2 040	40	423	12	43	7	15	13
Renter-occupied housing units	9 476	9 377	8 079	7 746	333	1 131	167	99	27	30	7
1989 to March 1990	85	85	76	76	—	9	—	—	—	—	—
1985 to 1988	263	253	222	206	16	31	—	10	3	—	7
1980 to 1984	796	780	669	637	32	93	18	16	2	—	—
1970 to 1979	2 151	2 144	1 905	1 756	149	209	30	7	7	—	—
1960 to 1969	1 553	1 535	1 305	1 240	65	199	31	18	7	7	—
1950 to 1959	1 043	1 030	929	872	57	89	12	13	3	2	—
1940 to 1949	805	790	652	644	8	134	4	15	3	4	—
1939 or earlier	2 780	2 760	2 321	2 315	6	367	72	20	2	17	—
BEDROOMS											
Owner-occupied housing units	6 010	5 824	5 016	4 798	218	773	35	186	20	31	36
None	7	—	—	—	—	—	—	7	—	—	7
1	221	219	193	193	—	26	—	2	—	—	2
2	1 492	1 460	1 250	1 226	24	201	9	32	3	5	5
3	3 147	3 074	2 655	2 514	141	393	26	73	11	17	21
4	935	890	760	707	53	130	—	45	5	1	1
5 or more	208	181	158	158	—	23	—	27	1	8	—
Renter-occupied housing units	9 476	9 377	8 079	7 746	333	1 131	167	99	27	30	7
None	580	578	546	504	42	21	11	2	2	5	—
1	2 583	2 575	2 234	2 168	66	293	48	8	—	—	—
2	3 989	3 945	3 327	3 151	176	555	63	44	16	8	—
3	1 933	1 896	1 639	1 597	42	219	38	37	3	13	7
4	343	335	285	278	7	43	—	8	4	4	—
5 or more	48	48	48	48	—	—	—	—	—	—	—
SOURCE OF WATER											
Public system or private company	15 334	15 146	13 063	12 512	551	1 881	202	188	44	55	28
Individual drilled well	122	45	32	32	—	13	—	77	3	6	10
Individual dug well	30	10	—	—	—	10	—	20	—	—	5
Some other source	—	—	—	—	—	—	—	—	—	—	—
SEWAGE DISPOSAL											
Public sewer	15 115	15 002	12 936	12 391	545	1 864	202	113	44	47	—
Septic tank or cesspool	267	100	66	60	6	34	—	167	3	14	38
Other means	104	99	93	93	—	6	—	5	—	—	5
KITCHEN FACILITIES											
Complete kitchen facilities	15 374	15 094	13 006	12 455	551	1 896	192	280	47	61	38
Lacking complete kitchen facilities	112	107	89	89	—	8	10	5	—	—	5
HOUSE HEATING FUEL											
Utility gas	12 125	12 021	10 263	9 858	405	1 617	141	104	29	27	—
Bottled, tank, or LP gas	251	174	159	153	6	15	—	77	—	20	23
Electricity	2 670	2 595	2 313	2 182	131	231	51	75	18	4	7
Fuel oil, kerosene, etc.	171	160	149	140	9	11	—	11	—	10	1
Coal or coke	—	—	—	—	—	—	—	—	—	—	—
Wood	29	11	7	7	—	4	—	18	—	—	12
Solar energy	—	—	—	—	—	—	—	—	—	—	—
Other fuel	147	147	127	127	—	20	—	—	—	—	—
No fuel used	93	93	77	77	—	6	10	—	—	—	—
VEHICLES AVAILABLE											
None	3 570	3 549	3 132	3 097	35	381	36	21	10	7	—
1	6 305	6 247	5 379	5 122	257	771	58	58	12	24	12
2	3 871	3 788	3 286	3 127	159	452	50	83	15	23	17
3	1 278	1 204	972	888	84	213	19	74	7	7	9
4	332	306	230	214	16	76	—	26	3	—	5
5 or more	130	107	96	96	—	11	—	23	—	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	6 010	5 824	5 016	4 798	218	773	35	186	20	31	36
1989 to March 1990	506	472	392	330	62	80	—	34	6	6	—
1985 to 1988	998	970	810	783	27	130	30	28	4	7	—
1980 to 1984	770	734	600	531	69	134	—	36	4	6	9
1970 to 1979	1 637	1 594	1 345	1 301	44	249	—	43	5	1	7
1960 to 1969	1 209	1 191	1 105	1 097	8	81	5	18	1	2	5
1959 or earlier	890	863	764	756	8	99	—	27	—	9	15
Renter-occupied housing units	9 476	9 377	8 079	7 746	333	1 131	167	99	27	30	7
1989 to March 1990	4 631	4 579	3 836	3 692	144	618	125	52	22	12	—
1985 to 1988	3 488	3 449	3 046	2 892	154	365	38	39	5	18	7
1980 to 1984	1 010	1 002	877	847	30	121	4	8	—	—	—
1970 to 1979	207	207	184	179	5	23	—	—	—	—	—
1960 to 1969	90	90	90	90	—	—	—	—	—	—	—
1959 or earlier	50	50	46	46	—	4	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	6 010	5 824	5 016	4 798	218	773	35	186	20	31	36
Lacking complete plumbing facilities	32	20	20	20	—	—	—	12	—	—	12
1.01 or more	7	—	—	—	—	—	—	7	—	—	7
Renter-occupied housing units	9 476	9 377	8 079	7 746	333	1 131	167	99	27	30	7
Lacking complete plumbing facilities	69	69	59	59	—	10	—	—	—	—	—
1.01 or more	8	8	8	8	—	—	—	—	—	—	—

Table 19. **Occupancy, Fuel, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	2 398	1 808	1 210	1 009	201	327	271	590	115	155	48
TENURE											
Owner-occupied housing units	1 168	773	455	364	91	190	128	395	65	97	22
Renter-occupied housing units	1 230	1 035	755	645	110	137	143	195	50	58	26
YEAR STRUCTURE BUILT											
Owner-occupied housing units	1 168	773	455	364	91	190	128	395	65	97	22
1989 to March 1990	—	—	—	—	—	—	—	—	—	—	—
1985 to 1988	32	16	8	—	8	—	8	16	3	—	—
1980 to 1984	76	33	20	14	6	—	13	43	4	6	5
1970 to 1979	217	113	68	53	15	18	27	104	11	17	6
1960 to 1969	144	91	66	57	9	25	—	53	4	12	6
1950 to 1959	106	91	61	49	12	22	8	15	4	2	—
1940 to 1949	116	94	49	42	7	27	18	22	3	3	—
1939 or earlier	477	335	183	149	34	98	54	142	36	57	5
Renter-occupied housing units	1 230	1 035	755	645	110	137	143	195	50	58	26
1989 to March 1990	6	6	6	6	—	—	—	—	—	—	—
1985 to 1988	54	48	25	14	11	16	7	6	2	—	—
1980 to 1984	84	68	46	10	36	7	15	16	2	2	6
1970 to 1979	281	212	157	122	35	7	48	69	15	20	7
1960 to 1969	116	103	71	67	4	7	25	13	2	11	—
1950 to 1959	145	135	81	78	3	32	22	10	4	—	6
1940 to 1949	120	102	86	74	12	10	6	18	2	3	7
1939 or earlier	424	361	283	274	9	58	20	63	23	22	—
BEDROOMS											
Owner-occupied housing units	1 168	773	455	364	91	190	128	395	65	97	22
None	—	—	—	—	—	—	—	—	—	—	—
1	42	31	7	—	7	—	24	11	3	6	—
2	323	212	121	107	14	64	27	111	14	37	2
3	519	331	217	160	57	62	52	188	24	31	9
4	230	163	74	61	13	64	25	67	20	15	5
5 or more	54	36	36	36	—	—	—	18	4	8	6
Renter-occupied housing units	1 230	1 035	755	645	110	137	143	195	50	58	26
None	55	55	48	37	11	7	—	—	—	—	—
1	290	229	141	127	14	47	41	61	19	10	6
2	538	473	390	305	85	17	66	65	25	20	—
3	233	179	131	131	—	37	11	54	4	22	20
4	85	79	31	31	—	29	19	6	2	4	—
5 or more	29	20	14	14	—	—	6	9	—	2	—
SOURCE OF WATER											
Public system or private company	2 193	1 776	1 195	1 005	190	327	254	417	115	141	8
Individual drilled well	181	32	15	4	11	—	17	149	—	11	34
Individual dug well	18	—	—	—	—	—	—	18	—	3	6
Some other source	6	—	—	—	—	—	—	6	—	—	—
SEWAGE DISPOSAL											
Public sewer	2 073	1 727	1 146	974	172	327	254	346	115	138	2
Septic tank or cesspool	300	74	57	28	29	—	17	226	—	17	46
Other means	25	7	7	7	—	—	—	18	—	—	—
KITCHEN FACILITIES											
Complete kitchen facilities	2 365	1 795	1 197	996	201	327	271	570	115	155	48
Lacking complete kitchen facilities	33	13	13	13	—	—	—	20	—	—	—
HOUSE HEATING FUEL											
Utility gas	1 638	1 453	991	860	131	269	193	185	78	86	—
Bottled, tank, or LP gas	319	46	33	24	9	5	8	273	18	34	28
Electricity	315	266	168	107	61	38	60	49	14	10	8
Fuel oil, kerosene, etc.	61	25	—	—	—	15	10	36	3	15	7
Coal or coke	—	—	—	—	—	—	—	—	—	—	—
Wood	42	—	—	—	—	—	—	42	2	10	—
Solar energy	5	—	—	—	—	—	—	5	—	—	5
Other fuel	18	18	18	18	—	—	—	—	—	—	—
No fuel used	—	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE											
None	374	338	237	223	14	39	62	36	4	5	—
1	1 003	794	512	468	44	165	117	209	55	65	14
2	624	429	286	194	92	83	60	195	32	38	7
3	239	168	124	89	35	25	19	71	13	23	6
4	120	57	42	35	7	15	—	63	7	20	21
5 or more	38	22	9	—	9	—	13	16	4	4	—
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	1 168	773	455	364	91	190	128	395	65	97	22
1989 to March 1990	178	127	68	61	7	31	28	51	12	16	6
1985 to 1988	331	236	149	120	29	59	28	95	19	27	—
1980 to 1984	180	108	53	33	20	28	27	72	9	15	14
1970 to 1979	254	150	103	88	15	19	28	104	15	20	—
1960 to 1969	116	84	51	31	20	24	9	32	6	10	—
1959 or earlier	109	68	31	31	—	29	8	41	4	9	2
Renter-occupied housing units	1 230	1 035	755	645	110	137	143	195	50	58	26
1989 to March 1990	698	609	431	386	45	78	100	89	31	28	6
1985 to 1988	397	322	258	219	39	39	25	75	16	15	20
1980 to 1984	81	69	44	18	26	13	12	12	3	9	—
1970 to 1979	46	35	22	22	—	7	6	11	—	4	—
1960 to 1969	6	—	—	—	—	—	—	6	—	—	—
1959 or earlier	2	—	—	—	—	—	—	2	—	2	—
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	1 168	773	455	364	91	190	128	395	65	97	22
Lacking complete plumbing facilities	45	24	—	—	—	24	—	21	2	—	—
1.01 or more	5	—	—	—	—	—	—	5	—	—	—
Renter-occupied housing units	1 230	1 035	755	645	110	137	143	195	50	58	26
Lacking complete plumbing facilities	3	—	—	—	—	—	—	3	—	—	—
1.01 or more	1	—	—	—	—	—	—	1	—	—	—

DETAILED HOUSING CHARACTERISTICS

Table 20. Occupancy, Fuel, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural				Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	6 216	5 931	4 070	3 473	597	1 404	457	285	97	52	27
TENURE											
Owner-occupied housing units	2 159	1 955	1 420	1 131	289	366	169	204	54	30	16
Renter-occupied housing units	4 057	3 976	2 650	2 342	308	1 038	288	81	43	22	11
YEAR STRUCTURE BUILT											
Owner-occupied housing units	2 159	1 955	1 420	1 131	289	366	169	204	54	30	16
1989 to March 1990	42	42	17	5	12	20	5	—	—	—	—
1985 to 1988	155	153	122	35	87	31	—	2	2	—	—
1980 to 1984	171	157	133	119	14	14	10	14	4	—	—
1970 to 1979	682	604	448	359	89	90	66	78	16	5	—
1960 to 1969	355	318	224	166	58	66	28	37	5	8	3
1950 to 1959	236	206	116	102	14	47	43	30	7	2	7
1940 to 1949	106	102	87	81	6	15	—	4	2	2	—
1939 or earlier	412	373	273	264	9	83	17	39	18	13	6
Renter-occupied housing units	4 057	3 976	2 650	2 342	308	1 038	288	81	43	22	11
1989 to March 1990	33	33	20	20	—	13	—	—	—	—	—
1985 to 1988	220	220	120	104	16	49	51	—	—	—	—
1980 to 1984	372	369	241	180	61	76	52	3	—	—	—
1970 to 1979	911	900	618	530	88	248	34	11	3	8	—
1960 to 1969	791	782	539	459	80	213	30	9	4	5	—
1950 to 1959	398	393	273	218	55	98	22	5	3	—	—
1940 to 1949	395	393	153	151	2	227	13	2	—	2	—
1939 or earlier	937	886	686	680	6	114	86	51	33	7	11
BEDROOMS											
Owner-occupied housing units	2 159	1 955	1 420	1 131	289	366	169	204	54	30	16
None	—	—	—	—	—	—	—	—	—	—	—
1	216	204	155	104	51	8	41	12	5	2	—
2	476	404	289	262	27	70	45	72	12	8	10
3	811	765	532	470	62	176	57	46	17	10	—
4	513	453	357	234	123	75	21	60	13	7	6
5 or more	143	129	87	61	26	37	5	14	7	3	—
Renter-occupied housing units	4 057	3 976	2 650	2 342	308	1 038	288	81	43	22	11
None	568	565	393	353	40	136	36	3	3	—	—
1	1 560	1 536	1 001	885	116	388	147	24	15	7	—
2	1 472	1 456	957	818	139	403	96	16	6	7	—
3	317	298	213	205	8	81	4	19	12	7	—
4	83	75	58	53	5	12	5	8	7	1	—
5 or more	57	46	28	28	—	18	—	11	—	—	11
SOURCE OF WATER											
Public system or private company	6 092	5 908	4 053	3 462	591	1 404	451	184	97	52	3
Individual drilled well	107	17	11	11	—	—	6	90	—	—	13
Individual dug well	17	6	6	—	6	—	—	11	—	—	11
Some other source	—	—	—	—	—	—	—	—	—	—	—
SEWAGE DISPOSAL											
Public sewer	5 983	5 819	3 987	3 406	581	1 393	439	164	91	50	3
Septic tank or cesspool	179	61	61	45	16	—	—	118	3	2	24
Other means	54	51	22	22	—	11	18	3	3	—	—
KITCHEN FACILITIES											
Complete kitchen facilities	6 116	5 837	4 013	3 423	590	1 371	453	279	95	48	27
Lacking complete kitchen facilities	100	94	57	50	7	33	4	6	2	4	—
HOUSE HEATING FUEL											
Utility gas	4 753	4 588	3 034	2 597	437	1 202	352	165	78	29	3
Bottled, tank, or LP gas	176	107	85	67	18	14	8	69	2	8	24
Electricity	1 178	1 141	869	727	142	181	91	37	11	13	—
Fuel oil, kerosene, etc.	27	23	23	23	—	—	—	4	2	2	—
Coal or coke	16	16	16	16	—	—	—	—	—	—	—
Wood	8	—	—	—	—	—	—	8	2	—	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—
Other fuel	14	12	6	6	—	—	6	2	2	—	—
No fuel used	44	44	37	37	—	7	—	—	—	—	—
VEHICLES AVAILABLE											
None	723	719	440	415	25	215	64	4	4	—	—
1	2 741	2 656	1 774	1 615	159	684	198	85	36	29	10
2	1 802	1 704	1 214	943	271	353	137	98	32	20	11
3	626	557	387	286	101	112	58	69	13	3	—
4	261	234	204	163	41	30	—	27	10	—	6
5 or more	63	61	51	51	—	10	—	2	2	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	2 159	1 955	1 420	1 131	289	366	169	204	54	30	16
1989 to March 1990	398	381	262	219	43	69	50	17	11	—	—
1985 to 1988	781	711	533	409	124	144	34	70	19	6	3
1980 to 1984	333	287	211	179	32	47	29	46	11	13	—
1970 to 1979	543	488	354	264	90	78	56	55	13	7	7
1960 to 1969	73	65	37	37	—	28	—	8	—	2	—
1959 or earlier	31	23	23	23	—	—	—	8	—	2	6
Renter-occupied housing units	4 057	3 976	2 650	2 342	308	1 038	288	81	43	22	11
1989 to March 1990	2 436	2 407	1 599	1 412	187	603	205	29	17	10	—
1985 to 1988	1 380	1 353	886	791	95	392	75	27	21	6	—
1980 to 1984	189	164	130	104	26	34	—	25	5	6	11
1970 to 1979	48	48	35	35	—	9	4	—	—	—	—
1960 to 1969	4	4	—	—	—	—	4	—	—	—	—
1959 or earlier	—	—	—	—	—	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	2 159	1 955	1 420	1 131	289	366	169	204	54	30	16
Lacking complete plumbing facilities	3	3	3	3	—	—	—	—	—	—	—
1.01 or more	3	3	3	3	—	—	—	—	—	—	—
Renter-occupied housing units	4 057	3 976	2 650	2 342	308	1 038	288	81	43	22	11
Lacking complete plumbing facilities	55	53	45	45	—	—	8	2	—	2	—
1.01 or more	8	8	8	8	—	—	—	—	—	—	—

Table 21. Occupancy, Fuel, and Structural Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			Rural farm	
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499		Place of less than 1,000
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	7 657	6 656	4 442	3 679	763	1 458	756	1 001	291	296	88
TENURE											
Owner-occupied housing units	3 707	3 143	2 153	1 689	464	647	343	564	116	180	56
Renter-occupied housing units	3 950	3 513	2 289	1 990	299	811	413	437	175	116	32
YEAR STRUCTURE BUILT											
Owner-occupied housing units	3 707	3 143	2 153	1 689	464	647	343	564	116	180	56
1989 to March 1990	48	35	22	13	9	13	—	13	2	4	7
1985 to 1988	105	78	54	41	13	18	6	27	2	13	—
1980 to 1984	136	95	84	50	34	4	7	41	5	12	—
1970 to 1979	518	392	234	160	74	106	52	126	25	29	6
1960 to 1969	492	433	311	219	92	90	32	59	17	18	—
1950 to 1959	657	613	446	319	127	105	62	44	5	14	5
1940 to 1949	436	381	244	206	38	92	45	55	6	15	9
1939 or earlier	1 315	1 116	758	681	77	219	139	199	54	75	29
Renter-occupied housing units	3 950	3 513	2 289	1 990	299	811	413	437	175	116	32
1989 to March 1990	39	39	22	14	8	17	—	—	—	—	—
1985 to 1988	122	107	52	42	10	38	17	15	13	2	—
1980 to 1984	367	330	212	162	50	67	51	37	13	11	—
1970 to 1979	796	730	575	441	134	105	50	66	16	20	7
1960 to 1969	416	382	279	250	29	78	25	34	10	9	—
1950 to 1959	356	302	215	182	33	75	12	54	21	29	—
1940 to 1949	331	280	179	157	22	72	29	51	7	10	8
1939 or earlier	1 523	1 343	755	742	13	359	229	180	95	35	17
BEDROOMS											
Owner-occupied housing units	3 707	3 143	2 153	1 689	464	647	343	564	116	180	56
None	6	6	6	6	—	—	—	—	—	—	—
1	158	133	44	38	6	55	34	25	4	11	—
2	985	839	568	427	141	174	97	146	30	39	5
3	1 790	1 535	1 123	857	266	303	109	255	49	76	22
4	695	582	386	335	51	113	83	113	25	39	29
5 or more	73	48	26	26	—	2	20	25	8	15	—
Renter-occupied housing units	3 950	3 513	2 289	1 990	299	811	413	437	175	116	32
None	148	140	93	86	7	35	12	8	3	—	—
1	1 260	1 209	801	731	70	237	171	51	36	14	—
2	1 566	1 390	947	786	161	333	110	176	75	67	8
3	588	588	325	271	54	161	102	129	45	26	14
4	212	145	91	91	—	43	11	67	11	9	10
5 or more	47	41	32	25	7	2	7	6	5	—	—
SOURCE OF WATER											
Public system or private company	7 251	6 617	4 428	3 670	758	1 458	731	634	286	242	19
Individual drilled well	340	39	14	9	5	—	25	301	3	35	69
Individual dug well	58	—	—	—	—	—	—	58	2	19	—
Some other source	8	—	—	—	—	—	—	8	—	—	—
SEWAGE DISPOSAL											
Public sewer	7 024	6 451	4 308	3 627	681	1 422	721	573	285	236	2
Septic tank or cesspool	604	192	129	47	82	28	35	412	6	55	81
Other means	29	13	5	5	—	8	—	16	—	5	5
KITCHEN FACILITIES											
Complete kitchen facilities	7 605	6 616	4 402	3 650	752	1 458	756	989	287	292	88
Lacking complete kitchen facilities	52	40	40	29	11	—	—	12	4	4	—
HOUSE HEATING FUEL											
Utility gas	6 020	5 558	3 680	3 073	607	1 275	603	462	225	147	—
Bottled, tank, or LP gas	414	117	75	55	20	17	25	297	8	92	64
Electricity	932	835	584	457	127	135	116	97	47	34	—
Fuel oil, kerosene, etc.	102	40	28	28	—	—	12	62	5	16	19
Coal or coke	—	—	—	—	—	—	—	—	—	—	—
Wood	80	8	8	8	—	—	—	72	4	3	—
Solar energy	—	—	—	—	—	—	—	—	—	—	—
Other fuel	65	56	49	40	9	7	—	9	2	2	5
No fuel used	44	42	18	18	—	24	—	2	—	2	—
VEHICLES AVAILABLE											
None	986	911	604	531	73	224	83	75	23	29	2
1	2 721	2 455	1 660	1 441	219	520	275	266	108	96	14
2	2 673	2 291	1 520	1 180	340	502	269	382	98	106	22
3	953	753	488	401	87	162	103	200	43	56	21
4	244	187	141	102	39	20	26	57	13	5	24
5 or more	80	59	29	24	5	30	—	21	6	4	5
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	3 707	3 143	2 153	1 689	464	647	343	564	116	180	56
1989 to March 1990	504	421	295	224	71	72	54	83	16	21	9
1985 to 1988	965	794	570	444	126	149	75	171	26	54	—
1980 to 1984	511	418	236	177	59	138	44	93	20	22	7
1970 to 1979	867	771	527	425	102	165	79	96	33	47	11
1960 to 1969	477	428	298	239	59	67	63	49	15	16	5
1959 or earlier	383	311	227	180	47	56	28	72	6	20	24
Renter-occupied housing units	3 950	3 513	2 289	1 990	299	811	413	437	175	116	32
1989 to March 1990	2 371	2 143	1 443	1 268	175	471	229	228	90	74	7
1985 to 1988	1 227	1 066	648	563	85	256	162	161	75	36	8
1980 to 1984	239	201	132	93	39	52	17	38	8	6	10
1970 to 1979	89	79	59	59	—	20	—	10	2	—	7
1960 to 1969	7	7	—	—	—	7	—	—	—	—	—
1959 or earlier	17	17	7	7	—	5	5	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	3 707	3 143	2 153	1 689	464	647	343	564	116	180	56
Lacking complete plumbing facilities	23	11	11	11	—	—	—	12	10	2	—
1.01 or more	2	2	2	2	—	—	—	—	—	—	—
Renter-occupied housing units	3 950	3 513	2 289	1 990	299	811	413	437	175	116	32
Lacking complete plumbing facilities	29	25	7	7	—	—	—	4	—	—	—
1.01 or more	25	25	7	7	—	—	—	—	—	—	—

Table 24. Social and Financial Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	The State	Urban					Rural				Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	15 486	15 201	13 095	12 544	551	1 904	202	285	47	61	43
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	2 096	2 074	1 819	1 771	48	246	9	22	1	6	10
Owner occupied	1 403	1 381	1 190	1 170	20	186	5	22	1	6	10
1-person households	1 094	1 085	961	941	20	115	9	9	1	3	5
Built 1939 or earlier	1 115	1 103	943	935	8	151	9	12	1	6	5
Mean household income in 1989 (dollars)	15 190	15 110	14 853	14 839	15 368	17 205	9 740	22 765	23 200	8 148	22 000
Female householder, no husband present	1 016	1 007	891	878	13	112	4	9	1	3	—
Lacking complete plumbing facilities	20	15	15	15	—	—	—	5	—	—	5
No vehicle available	680	677	579	579	—	89	9	3	—	3	—
No telephone in unit	63	63	58	58	—	5	—	—	—	—	—
1-person households	33	33	33	33	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	775	761	698	698	—	63	—	14	1	5	9
Married-couple families	235	225	202	202	—	23	—	10	1	2	9
With own children under 18 years	131	128	105	105	—	23	—	3	1	2	2
Families with female householder	213	213	206	206	—	7	—	—	—	—	—
With own children under 18 years	121	121	114	114	—	7	—	—	—	—	—
Householder worked in 1989	311	301	272	272	—	29	—	10	1	2	9
With public assistance income	190	187	180	180	—	7	—	3	—	3	—
With Social Security income	306	305	299	299	—	6	—	1	—	—	—
Built 1939 or earlier	444	437	394	394	—	43	—	7	1	5	2
Lacking complete plumbing facilities	27	20	20	20	—	—	—	7	—	—	7
No vehicle available	168	165	159	159	—	6	—	3	—	3	—
No telephone in unit	78	78	78	78	—	—	—	—	—	—	—
1.01 or more persons per room	44	37	37	37	—	—	—	7	—	—	7
Renter-occupied housing units	4 225	4 203	3 599	3 554	45	555	49	22	11	6	—
Married-couple families	486	480	375	375	—	105	—	6	4	2	—
With own children under 18 years	414	408	317	317	—	91	—	6	4	2	—
Families with female householder	2 309	2 305	2 052	2 040	12	244	9	4	—	4	—
With own children under 18 years	2 170	2 166	1 913	1 901	12	244	9	4	—	4	—
Householder worked in 1989	2 106	2 092	1 799	1 760	39	254	39	14	11	2	—
With public assistance income	2 094	2 082	1 834	1 828	6	233	15	12	6	2	—
With Social Security income	511	511	451	434	17	60	—	—	—	—	—
Built 1939 or earlier	1 254	1 247	1 035	1 035	—	186	26	7	2	4	—
Lacking complete plumbing facilities	30	30	25	25	—	5	—	—	—	—	—
No vehicle available	2 103	2 090	1 813	1 778	35	255	22	13	5	4	—
No telephone in unit	1 087	1 077	897	897	—	144	36	10	4	2	—
1.01 or more persons per room	621	618	562	556	6	56	—	3	3	—	—
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	15 971	15 669	15 598	14 941	31 625	15 407	27 857	33 693	27 750	25 208	21 250
Owner occupied (dollars)	27 393	26 842	26 974	25 740	57 905	26 276	38 250	39 583	29 000	29 063	31 000
Renter occupied (dollars)	11 305	11 224	11 188	10 847	20 446	10 796	19 917	20 781	25 417	23 333	16 250
Specified owner-occupied housing units	5 522	5 384	4 638	4 457	181	718	28	138	16	25	20
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	3 591	3 487	2 988	2 829	159	476	23	104	13	15	19
Less than \$200	29	29	29	29	—	—	—	—	—	—	—
\$200 to \$299	265	258	205	205	—	53	—	7	—	2	5
\$300 to \$399	551	542	445	445	—	84	13	9	2	5	—
\$400 to \$499	666	655	535	535	—	115	5	11	5	—	6
\$500 to \$599	676	671	550	525	25	121	—	5	3	2	—
\$600 to \$699	484	466	430	412	18	36	—	18	—	2	—
\$700 to \$799	353	341	300	284	16	41	—	12	—	—	—
\$800 to \$899	217	201	185	143	42	11	5	16	1	—	—
\$900 to \$999	90	86	84	73	11	2	—	4	2	2	—
\$1,000 to \$1,249	179	164	151	122	29	13	—	15	—	—	8
\$1,250 to \$1,499	39	37	37	31	6	—	—	2	—	2	—
\$1,500 to \$1,999	28	28	28	16	12	—	—	—	—	—	—
\$2,000 or more	14	9	9	9	—	—	—	5	—	—	—
Median (dollars)	540	537	554	539	834	487	394	758	495	513	438
Mean (dollars)	590	584	596	579	898	509	503	803	566	616	709
Not mortgaged	1 931	1 897	1 650	1 628	22	242	5	34	3	10	1
Less than \$100	87	87	71	71	—	16	—	—	—	—	—
\$100 to \$199	752	736	607	599	8	124	5	16	1	9	1
\$200 to \$299	642	630	559	553	6	71	—	12	2	—	—
\$300 to \$399	331	330	299	291	8	31	—	1	—	1	—
\$400 to \$499	67	67	67	67	—	—	—	—	—	—	—
\$500 or more	52	47	47	47	—	—	—	5	—	—	—
Median (dollars)	215	215	219	219	275	183	125	205	263	150	175
Mean (dollars)	230	230	236	236	253	192	110	235	220	159	193
Specified renter-occupied housing units	9 441	9 349	8 058	7 725	333	1 131	160	92	27	30	—
GROSS RENT											
Less than \$100	206	206	159	159	—	33	14	—	—	—	—
\$100 to \$149	711	711	616	609	7	79	16	—	—	—	—
\$150 to \$199	691	687	611	600	11	67	9	4	4	—	—
\$200 to \$249	810	799	668	668	—	83	48	11	—	7	—
\$250 to \$299	1 087	1 080	845	813	32	222	13	7	4	3	—
\$300 to \$349	1 151	1 125	968	901	67	147	10	26	10	8	—
\$350 to \$399	1 320	1 310	1 164	1 156	8	130	16	10	5	5	—
\$400 to \$449	1 135	1 126	942	924	18	154	30	9	—	3	—
\$450 to \$499	813	804	740	645	95	64	—	9	—	—	—
\$500 to \$549	557	545	495	453	42	50	—	12	4	—	—
\$550 to \$599	368	368	317	298	19	51	—	—	—	—	—
\$600 to \$649	169	169	157	157	—	12	—	—	—	—	—
\$650 to \$699	132	132	119	104	15	13	—	—	—	—	—
\$700 to \$749	72	72	72	53	19	—	—	—	—	—	—
\$750 to \$999	109	109	93	93	—	16	—	—	—	—	—
\$1,000 or more	8	8	8	8	—	—	—	—	—	—	—
No cash rent	102	98	84	84	—	10	4	4	—	4	—
Median (dollars)	351	351	356	353	460	327	245	336	320	319	—
Mean (dollars)	352	352	356	352	433	340	264	352	330	307	—

Table 25. Social and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			Rural farm	
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499		Place of less than 1,000
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	2 398	1 808	1 210	1 009	201	327	271	590	115	155	48
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	261	169	88	71	17	54	27	92	9	26	2
Owner occupied	181	108	39	36	3	54	15	73	9	20	2
1-person households	107	84	32	18	14	37	15	23	6	11	2
Built 1939 or earlier	119	75	37	37	—	29	9	44	6	13	2
Mean household income in 1989 (dollars)	16 340	13 891	12 151	13 054	8 380	16 454	14 433	20 840	8 897	34 947	6 250
Female householder, no husband present	118	79	51	37	14	13	15	39	2	7	2
Lacking complete plumbing facilities	33	24	—	—	—	24	—	9	—	—	—
No vehicle available	75	60	39	25	14	6	15	15	2	2	—
No telephone in unit	16	2	2	2	—	—	—	14	—	—	—
1-person households	5	2	2	2	—	—	—	3	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	206	159	80	75	5	39	40	47	6	17	—
Married-couple families	83	70	50	45	5	5	15	13	—	6	—
With own children under 18 years	40	35	15	15	—	5	15	5	—	4	—
Families with female householder	54	41	21	21	—	12	8	13	—	3	—
With own children under 18 years	43	36	16	16	—	12	8	7	—	3	—
Householder worked in 1989	93	69	34	29	5	12	23	24	2	9	—
With public assistance income	66	42	25	25	—	8	9	24	4	13	—
With Social Security income	49	38	22	22	—	7	9	11	4	4	—
Built 1939 or earlier	101	82	37	37	—	20	25	19	4	11	—
Lacking complete plumbing facilities	2	—	—	—	—	—	—	2	—	—	—
No vehicle available	27	24	8	8	—	7	9	3	2	—	—
No telephone in unit	28	19	6	6	—	13	—	9	—	2	—
1.01 or more persons per room	16	7	—	—	—	—	7	9	2	2	—
Renter-occupied housing units	601	516	350	331	19	81	85	85	22	19	13
Married-couple families	114	88	46	46	—	16	26	26	4	5	—
With own children under 18 years	85	70	28	28	—	16	26	15	4	3	—
Families with female householder	313	291	215	215	—	30	46	22	5	6	6
With own children under 18 years	272	250	174	174	—	30	46	22	5	6	6
Householder worked in 1989	332	291	190	171	19	53	48	41	13	11	—
With public assistance income	297	268	204	204	—	22	42	29	14	5	7
With Social Security income	61	42	28	28	—	—	14	19	5	5	—
Built 1939 or earlier	177	152	131	122	9	7	14	25	13	1	—
Lacking complete plumbing facilities	3	—	—	—	—	—	—	3	—	—	—
No vehicle available	208	187	126	126	—	14	47	21	2	5	—
No telephone in unit	214	177	139	130	9	21	17	37	12	11	—
1.01 or more persons per room	114	104	89	89	—	—	15	10	—	—	—
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	17 083	16 144	16 875	14 532	30 368	12 697	16 359	20 156	16 705	17 813	21 071
Owner occupied (dollars)	24 708	24 880	27 687	24 483	35 804	19 688	25 938	24 350	21 705	23 021	43 750
Renter occupied (dollars)	12 277	12 740	13 419	12 635	24 022	10 417	7 372	10 602	11 875	13 000	10 000
Specified owner-occupied housing units	845	614	388	316	72	132	94	231	54	67	2
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	528	431	298	249	49	76	57	97	38	26	—
Less than \$200	13	11	—	—	—	11	—	2	—	2	—
\$200 to \$299	33	16	11	6	5	5	—	17	4	7	—
\$300 to \$399	57	43	22	22	—	13	8	14	8	6	—
\$400 to \$499	105	83	51	44	7	16	16	22	12	2	—
\$500 to \$599	134	115	88	68	20	14	13	19	6	5	—
\$600 to \$699	80	74	43	35	8	17	14	6	2	2	—
\$700 to \$799	42	40	40	31	9	—	—	2	2	—	—
\$800 to \$899	35	30	30	30	—	—	—	5	3	—	—
\$900 to \$999	20	10	4	4	—	—	6	10	1	2	—
\$1,000 to \$1,249	—	—	—	—	—	—	—	—	—	—	—
\$1,250 to \$1,499	9	9	9	9	—	—	—	—	—	—	—
\$1,500 to \$1,999	—	—	—	—	—	—	—	—	—	—	—
\$2,000 or more	—	—	—	—	—	—	—	—	—	—	—
Median (dollars)	543	551	575	576	573	468	517	459	464	333	—
Mean (dollars)	558	572	608	618	557	449	544	497	500	403	—
Not mortgaged	317	183	90	67	23	56	37	134	16	41	2
Less than \$100	53	17	—	—	—	8	9	36	2	8	2
\$100 to \$199	177	107	52	38	14	35	20	70	8	20	—
\$200 to \$299	67	45	24	15	9	13	8	22	6	9	—
\$300 to \$399	17	14	14	14	—	—	—	3	—	1	—
\$400 to \$499	3	—	—	—	—	—	—	3	—	3	—
\$500 or more	—	—	—	—	—	—	—	—	—	—	—
Median (dollars)	150	169	187	191	141	145	160	131	167	166	100-
Mean (dollars)	169	184	209	224	166	159	158	148	166	177	97
Specified renter-occupied housing units	1 209	1 035	755	645	110	137	143	174	50	58	13
GROSS RENT											
Less than \$100	20	8	8	8	—	—	—	12	6	—	—
\$100 to \$149	79	68	27	27	—	—	41	11	6	2	—
\$150 to \$199	138	118	58	58	—	29	31	20	8	2	—
\$200 to \$249	112	91	48	48	—	21	22	21	8	12	—
\$250 to \$299	129	110	85	71	14	13	12	19	8	9	—
\$300 to \$349	150	126	98	95	3	16	12	24	4	14	—
\$350 to \$399	129	104	83	51	32	15	6	25	8	4	13
\$400 to \$449	158	148	114	110	4	26	8	10	2	5	—
\$450 to \$499	112	102	92	76	16	10	—	10	—	1	—
\$500 to \$549	75	73	61	38	23	7	5	2	—	—	—
\$550 to \$599	35	35	29	29	—	—	6	—	—	—	—
\$600 to \$649	12	12	12	12	—	—	—	—	—	—	—
\$650 to \$699	14	14	14	7	7	—	—	—	—	—	—
\$700 to \$749	16	16	16	5	11	—	—	—	—	—	—
\$750 to \$999	—	—	—	—	—	—	—	—	—	—	—
\$1,000 or more	—	—	—	—	—	—	—	—	—	—	—
No cash rent	30	10	10	10	—	—	—	20	—	9	—
Median (dollars)	327	343	374	359	455	309	199	279	221	294	377
Mean (dollars)	340	349	376	362	456	316	244	278	234	294	382

DETAILED HOUSING CHARACTERISTICS

Table 26. Social and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			Rural farm	
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499		Place of less than 1,000
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units -----	6 216	5 931	4 070	3 473	597	1 404	457	285	97	52	27
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units -----	214	184	113	106	7	33	38	30	—	10	7
Owner occupied -----	119	91	47	47	—	15	29	28	—	8	7
1-person households -----	51	45	7	7	—	33	5	6	—	6	—
Built 1939 or earlier -----	41	37	28	28	—	9	—	4	—	4	—
Mean household income in 1989 (dollars) -----	21 279	20 346	26 476	27 745	7 260	6 573	14 076	27 001	—	13 853	24 300
Female householder, no husband present -----	77	71	38	31	7	24	9	6	—	6	—
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	—	—	—
No vehicle available -----	66	66	50	50	—	9	7	—	—	—	—
No telephone in unit -----	—	—	—	—	—	—	—	—	—	—	—
1-person households -----	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units -----	210	197	130	105	25	38	29	13	5	8	—
Married-couple families -----	102	93	61	45	16	8	24	9	5	4	—
With own children under 18 years -----	63	56	39	23	16	—	17	7	5	2	—
Families with female householder -----	32	28	28	28	—	—	—	4	—	4	—
With own children under 18 years -----	28	24	24	24	—	—	—	4	—	4	—
Householder worked in 1989 -----	110	105	90	65	25	15	—	5	5	—	—
With public assistance income -----	44	39	9	—	9	6	24	5	1	4	—
With Social Security income -----	30	30	5	5	—	15	10	—	—	—	—
Built 1939 or earlier -----	67	61	42	33	9	19	—	6	2	4	—
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	—	—	—
No vehicle available -----	16	14	—	—	—	—	14	2	2	—	—
No telephone in unit -----	2	—	—	—	—	—	—	2	2	—	—
1.01 or more persons per room -----	36	36	36	11	25	—	—	—	—	—	—
Renter-occupied housing units -----	1 776	1 758	1 154	1 083	71	475	129	18	12	4	—
Married-couple families -----	596	592	391	359	32	174	27	4	4	—	—
With own children under 18 years -----	432	428	302	272	30	99	27	4	4	—	—
Families with female householder -----	239	233	159	146	13	34	40	6	4	2	—
With own children under 18 years -----	179	173	108	108	—	29	36	6	4	2	—
Householder worked in 1989 -----	975	961	602	574	28	255	104	14	8	4	—
With public assistance income -----	190	184	139	139	—	31	14	6	4	2	—
With Social Security income -----	53	49	38	31	7	6	5	4	4	—	—
Built 1939 or earlier -----	466	452	336	336	—	61	55	14	12	2	—
Lacking complete plumbing facilities -----	31	31	31	31	—	—	—	—	—	—	—
No vehicle available -----	476	474	305	290	15	141	28	2	2	—	—
No telephone in unit -----	202	200	128	128	—	21	51	2	2	—	—
1.01 or more persons per room -----	450	448	310	278	32	105	33	2	2	—	—
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars) -----	20 205	19 646	20 968	18 782	38 672	16 625	16 325	29 821	28 036	19 167	37 750
Owner occupied (dollars) -----	38 094	39 005	40 938	36 081	66 552	42 875	28 398	31 136	31 667	21 250	25 417
Renter occupied (dollars) -----	12 428	12 297	13 025	12 122	23 587	11 270	11 974	25 417	19 375	16 667	60 185
Specified owner-occupied housing units -----	1 757	1 617	1 195	964	231	310	112	140	48	20	9
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage -----	1 433	1 326	973	767	206	250	103	107	38	9	9
Less than \$200 -----	—	—	—	—	—	—	—	—	—	—	—
\$200 to \$299 -----	36	28	19	19	—	—	9	8	2	4	—
\$300 to \$399 -----	94	75	50	44	6	7	18	19	8	—	—
\$400 to \$499 -----	216	207	132	132	—	32	43	9	3	—	6
\$500 to \$599 -----	189	176	144	132	12	24	8	13	11	2	—
\$600 to \$699 -----	185	181	130	117	13	43	8	4	4	—	—
\$700 to \$799 -----	130	120	85	66	19	27	8	10	3	—	—
\$800 to \$899 -----	132	116	96	54	42	16	4	16	2	3	3
\$900 to \$999 -----	127	119	114	80	34	5	—	8	—	—	—
\$1,000 to \$1,249 -----	123	119	64	50	14	55	—	4	4	—	—
\$1,250 to \$1,499 -----	71	67	45	33	12	22	—	4	1	—	—
\$1,500 to \$1,999 -----	67	67	48	27	21	14	5	—	—	—	—
\$2,000 or more -----	63	51	46	13	33	5	—	12	—	—	—
Median (dollars) -----	698	698	726	637	952	773	476	752	558	563	438
Mean (dollars) -----	837	835	852	762	1 190	887	539	872	617	493	553
Not mortgaged -----	324	291	222	197	25	60	9	33	10	11	—
Less than \$100 -----	5	—	—	—	—	—	—	5	—	—	—
\$100 to \$199 -----	111	102	65	65	—	32	5	9	2	7	—
\$200 to \$299 -----	123	112	99	99	—	9	4	11	7	4	—
\$300 to \$399 -----	40	33	33	33	—	—	—	7	—	—	—
\$400 to \$499 -----	19	19	12	—	12	—	—	—	—	—	—
\$500 or more -----	26	25	13	—	13	12	—	1	1	—	—
Median (dollars) -----	240	241	243	232	500+	197	145	225	250	185	—
Mean (dollars) -----	270	274	271	241	506	299	185	235	270	195	—
Specified renter-occupied housing units -----	4 035	3 965	2 645	2 337	308	1 032	288	70	43	22	—
GROSS RENT											
Less than \$100 -----	19	19	8	8	—	7	4	—	—	—	—
\$100 to \$149 -----	122	118	65	65	—	45	8	4	2	2	—
\$150 to \$199 -----	393	381	184	184	—	176	21	12	6	3	—
\$200 to \$249 -----	437	417	327	290	37	45	45	20	13	7	—
\$250 to \$299 -----	637	633	342	322	20	193	98	4	3	1	—
\$300 to \$349 -----	646	639	451	434	17	153	35	7	5	—	—
\$350 to \$399 -----	563	561	377	334	43	135	49	2	—	2	—
\$400 to \$449 -----	398	392	299	255	44	72	21	6	4	2	—
\$450 to \$499 -----	310	306	208	152	56	91	7	4	2	2	—
\$500 to \$549 -----	136	136	76	49	27	60	—	—	—	—	—
\$550 to \$599 -----	127	124	101	64	37	23	—	3	3	—	—
\$600 to \$649 -----	65	65	36	25	11	29	—	—	—	—	—
\$650 to \$699 -----	33	33	33	33	—	—	—	—	—	—	—
\$700 to \$749 -----	12	12	6	6	6	—	—	—	—	—	—
\$750 to \$999 -----	9	9	9	9	—	—	—	—	—	—	—
\$1,000 or more -----	31	31	28	28	—	3	—	—	—	—	—
No cash rent -----	97	89	89	79	10	—	—	8	5	3	—
Median (dollars) -----	324	326	337	326	435	314	280	238	245	216	—
Mean (dollars) -----	346	347	360	351	428	329	291	275	289	258	—

Table 27. Social and Financial Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			Rural farm	
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499		Place of less than 1,000
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	7 657	6 656	4 442	3 679	763	1 458	756	1 001	291	296	88
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	836	690	503	430	73	80	107	146	32	50	24
Owner occupied	629	502	363	307	56	58	81	127	22	43	24
1-person households	392	317	208	185	23	39	70	75	18	24	16
Built 1939 or earlier	406	343	230	217	13	59	54	63	15	17	17
Mean household income in 1989 (dollars)	18 147	19 178	20 626	21 403	16 051	13 008	16 985	13 271	14 518	14 862	10 066
Female householder, no husband present	327	263	183	160	23	31	49	64	16	24	13
Lacking complete plumbing facilities	9	2	2	2	—	—	—	7	5	2	—
No vehicle available	279	246	165	146	19	39	42	33	9	14	2
No telephone in unit	72	66	34	34	—	14	18	6	—	5	2
1-person households	41	37	12	12	—	14	11	4	—	3	—
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	345	262	159	126	33	73	30	83	12	26	13
Married-couple families	121	96	58	45	13	31	7	25	6	5	—
With own children under 18 years	86	63	40	31	9	16	7	23	6	3	—
Families with female householder	79	63	45	32	13	18	—	16	4	8	2
With own children under 18 years	55	45	33	20	13	12	—	10	4	6	—
Householder worked in 1989	181	125	76	67	9	31	18	56	8	12	11
With public assistance income	86	58	32	32	—	15	11	28	4	9	2
With Social Security income	84	53	24	17	7	18	11	31	2	9	13
Built 1939 or earlier	148	110	80	73	7	19	11	38	8	17	11
Lacking complete plumbing facilities	6	—	—	—	—	—	—	6	4	2	—
No vehicle available	83	65	36	22	14	18	11	18	2	7	2
No telephone in unit	27	21	21	21	—	—	—	6	—	6	2
1.01 or more persons per room	14	4	—	—	—	4	—	10	—	2	—
Renter-occupied housing units	1 349	1 196	725	663	62	317	154	153	61	39	—
Married-couple families	278	237	79	60	19	104	54	41	25	7	—
With own children under 18 years	240	204	74	55	19	97	33	36	20	7	—
Families with female householder	479	429	287	280	7	91	51	50	12	22	—
With own children under 18 years	463	415	273	266	7	91	51	48	12	20	—
Householder worked in 1989	854	741	421	369	52	230	90	113	41	25	—
With public assistance income	516	467	246	236	10	154	67	49	26	16	—
With Social Security income	165	146	104	104	—	29	13	19	10	1	—
Built 1939 or earlier	554	493	216	207	9	172	105	61	40	5	—
Lacking complete plumbing facilities	16	12	—	—	—	—	12	4	—	—	—
No vehicle available	386	362	211	183	28	113	38	24	12	6	—
No telephone in unit	460	397	208	185	23	141	48	63	23	19	—
1.01 or more persons per room	184	173	87	77	10	37	49	11	5	6	—
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	21 860	21 683	22 902	21 401	31 766	20 093	20 455	22 528	20 739	21 800	33 889
Owner occupied (dollars)	30 695	31 380	33 017	31 913	38 810	28 661	28 711	27 321	28 125	25 577	27 000
Renter occupied (dollars)	15 749	15 513	15 769	15 179	22 312	14 819	15 313	18 977	15 865	16 250	34 643
Specified owner-occupied housing units	3 184	2 801	1 968	1 551	417	557	276	383	105	159	2
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	2 308	2 075	1 519	1 205	314	356	200	233	71	88	2
Less than \$200	14	—	—	—	—	—	—	14	3	11	2
\$200 to \$299	98	83	54	54	—	21	8	15	7	8	—
\$300 to \$399	365	322	178	170	8	104	40	43	25	12	—
\$400 to \$499	497	443	306	245	61	91	46	54	12	32	—
\$500 to \$599	423	372	252	219	33	77	43	51	9	6	—
\$600 to \$699	283	269	228	164	64	27	14	14	9	5	—
\$700 to \$799	179	149	111	102	9	31	7	30	4	8	—
\$800 to \$899	173	173	141	94	47	—	32	—	—	—	—
\$900 to \$999	75	75	65	42	23	5	5	—	—	—	—
\$1,000 to \$1,249	126	120	120	83	37	—	—	6	2	—	—
\$1,250 to \$1,499	55	49	44	19	25	—	5	6	—	6	—
\$1,500 to \$1,999	20	20	20	13	7	—	—	—	—	—	—
\$2,000 or more	—	—	—	—	—	—	—	—	—	—	—
Median (dollars)	541	552	589	561	691	457	514	486	413	450	200—
Mean (dollars)	604	614	653	617	787	475	568	518	464	498	188
Not mortgaged	876	726	449	346	103	201	76	150	34	71	—
Less than \$100	39	15	—	—	—	8	7	24	4	14	—
\$100 to \$199	465	388	228	169	59	117	43	77	15	36	—
\$200 to \$299	279	236	161	122	39	61	14	43	11	19	—
\$300 to \$399	66	60	45	45	—	15	—	6	4	2	—
\$400 to \$499	18	18	11	6	5	—	7	—	—	—	—
\$500 or more	9	9	4	4	—	—	5	—	—	—	—
Median (dollars)	190	193	199	202	192	184	176	176	192	165	—
Mean (dollars)	206	211	218	223	202	196	212	180	204	170	—
Specified renter-occupied housing units	3 891	3 513	2 289	1 990	299	811	413	378	175	116	—
GROSS RENT											
Less than \$100	50	46	17	17	—	24	5	4	2	2	—
\$100 to \$149	151	124	85	78	7	10	29	27	14	7	—
\$150 to \$199	278	254	106	106	—	103	45	24	12	12	—
\$200 to \$249	437	381	217	209	8	116	48	56	24	16	—
\$250 to \$299	506	420	300	293	7	92	28	86	38	26	—
\$300 to \$349	605	536	320	276	44	128	88	69	36	15	—
\$350 to \$399	551	519	346	308	38	133	40	32	20	12	—
\$400 to \$449	455	422	318	267	51	65	39	33	9	11	—
\$450 to \$499	254	243	192	150	42	45	6	11	2	4	—
\$500 to \$549	138	133	99	73	26	27	7	5	2	3	—
\$550 to \$599	99	96	61	54	7	16	19	3	2	—	—
\$600 to \$649	110	110	50	41	9	30	30	—	—	—	—
\$650 to \$699	68	68	51	24	27	17	—	—	—	—	—
\$700 to \$749	26	24	24	16	8	—	—	2	—	2	—
\$750 to \$999	76	76	69	54	15	—	7	—	—	—	—
\$1,000 or more	23	20	20	10	10	—	—	3	3	—	—
No cash rent	64	41	14	14	—	5	22	23	11	6	—
Median (dollars)	340	348	363	351	430	318	318	290	290	283	—
Mean (dollars)	361	367	384	367	502	332	339	301	300	295	—

DETAILED HOUSING CHARACTERISTICS

Table 30. Household Income Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units.....	5 522	5 384	4 638	4 457	181	718	28	138	16	25	20
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	5 522	5 384	4 638	4 457	181	718	28	138	16	25	20
Less than 10 percent	940	917	786	778	8	122	9	23	3	5	—
10 to 14 percent	1 017	979	821	771	50	153	5	38	3	4	11
15 to 19 percent	917	876	716	681	35	155	5	41	3	7	9
20 to 24 percent	767	749	667	593	74	77	5	18	3	—	—
25 to 29 percent	427	421	333	333	—	88	—	6	3	3	—
30 to 34 percent	304	304	271	264	7	33	—	—	—	—	—
35 to 49 percent	503	496	459	458	1	33	4	7	—	2	—
50 percent or more	579	574	538	532	6	36	—	5	1	4	—
Not computed	68	68	47	47	—	21	—	—	—	—	—
Median	19.2	19.3	19.8	19.8	19.6	17.4	15.0	16.0	18.3	17.5	14.5
Less than \$20,000	2 042	2 030	1 766	1 752	14	255	9	12	1	10	—
Less than 20 percent	339	336	262	262	—	69	5	3	—	3	—
20 to 24 percent	261	260	231	223	8	29	—	1	—	—	—
25 to 29 percent	247	244	201	201	—	43	—	3	—	3	—
30 to 34 percent	186	186	160	160	—	26	—	—	—	—	—
35 percent or more	941	936	865	859	6	67	4	5	1	4	—
Not computed	68	68	47	47	—	21	—	—	—	—	—
Median	33.8	33.8	35.2	35.3	24.4	27.2	14.5	28.3	50.0+	28.3	—
\$20,000 to \$34,999	1 364	1 330	1 096	1 081	15	234	—	34	9	8	7
Less than 20 percent	764	736	575	569	6	161	—	20	3	6	7
20 to 24 percent	226	217	198	190	8	19	—	9	3	—	—
25 to 29 percent	159	156	111	111	—	45	—	3	3	—	—
30 to 34 percent	102	102	95	95	—	7	—	—	—	—	—
35 percent or more	121	119	117	116	1	2	—	2	—	2	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	17.8	17.9	18.9	18.9	20.9	14.8	—	14.1	22.5	12.5	12.9
\$35,000 to \$49,999	914	874	750	702	48	114	10	40	2	4	5
Less than 20 percent	672	640	544	529	15	91	5	32	2	4	5
20 to 24 percent	204	196	168	135	33	23	5	8	—	—	—
25 to 29 percent	21	21	21	21	—	—	—	—	—	—	—
30 to 34 percent	9	9	9	9	—	—	—	—	—	—	—
35 percent or more	8	8	8	8	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	15.8	15.8	15.5	15.0	21.4	16.5	20.0	15.7	15.0	12.5	12.5
\$50,000 or more	1 202	1 150	1 026	922	104	115	9	52	4	3	8
Less than 20 percent	1 107	1 060	942	870	72	109	9	47	4	3	8
20 to 24 percent	76	76	70	45	25	6	—	—	—	—	—
25 to 29 percent	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent	7	7	7	7	—	—	—	—	—	—	—
35 percent or more	12	7	7	7	—	—	—	5	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	12.4	12.2	12.3	11.8	16.4	12.0	10.0	15.4	12.5	16.3	17.5
Specified renter-occupied housing units.....	9 441	9 349	8 058	7 725	333	1 131	160	92	27	30	—
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	9 441	9 349	8 058	7 725	333	1 131	160	92	27	30	—
Less than 10 percent	295	287	183	172	11	69	35	8	2	—	—
10 to 14 percent	949	926	775	732	43	129	22	23	12	11	—
15 to 19 percent	1 239	1 222	1 071	986	85	103	48	17	2	7	—
20 to 24 percent	1 006	998	898	839	59	100	—	8	—	—	—
25 to 29 percent	914	906	790	755	35	100	16	8	—	—	—
30 to 34 percent	817	815	726	703	23	72	17	2	2	—	—
35 to 49 percent	1 135	1 130	980	956	24	136	14	5	3	2	—
50 percent or more	2 702	2 687	2 318	2 265	53	369	—	15	6	4	—
Not computed	384	378	317	317	—	53	8	6	—	6	—
Median	30.8	30.9	31.1	31.6	22.3	32.6	17.0	18.5	14.8	15.7	—
Less than \$10,000	4 278	4 259	3 692	3 629	63	526	41	19	6	8	—
Less than 20 percent	166	166	135	128	7	17	14	—	—	—	—
20 to 24 percent	209	209	191	191	—	18	—	—	—	—	—
25 to 29 percent	281	281	260	260	—	15	6	—	—	—	—
30 to 34 percent	261	261	224	224	—	28	9	—	—	—	—
35 percent or more	3 029	3 012	2 609	2 553	56	395	8	17	6	6	—
Not computed	332	330	273	273	—	53	4	2	—	2	—
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	28.8	50.0+	50.0+	50.0+	—
\$10,000 to \$19,999	2 374	2 353	2 022	1 921	101	288	43	21	7	6	—
Less than 20 percent	412	406	350	340	10	41	15	6	2	4	—
20 to 24 percent	358	350	321	302	19	29	—	8	—	—	—
25 to 29 percent	379	379	296	268	28	73	10	8	—	—	—
30 to 34 percent	424	422	370	347	23	44	8	2	2	—	—
35 percent or more	782	779	672	651	21	101	6	3	3	—	—
Not computed	19	17	13	13	—	—	4	2	—	2	—
Median	30.3	30.4	30.5	30.6	28.8	30.1	27.2	22.2	33.8	17.5	—
\$20,000 to \$34,999	1 855	1 824	1 588	1 495	93	201	35	31	12	11	—
Less than 20 percent	1 053	1 030	868	822	46	127	35	23	12	11	—
20 to 24 percent	414	414	361	321	40	53	—	—	—	—	—
25 to 29 percent	227	219	207	200	7	12	—	8	—	—	—
30 to 34 percent	119	119	119	119	—	—	—	—	—	—	—
35 percent or more	26	26	17	17	—	9	—	—	—	—	—
Not computed	16	16	16	16	—	—	—	—	—	—	—
Median	19.0	19.1	19.3	19.3	20.1	17.9	15.4	13.8	12.0	13.4	—
\$35,000 or more	934	913	756	680	76	116	41	21	2	5	—
Less than 20 percent	852	833	676	600	76	116	41	19	2	3	—
20 to 24 percent	25	25	25	25	—	—	—	—	—	—	—
25 to 29 percent	27	27	27	27	—	—	—	—	—	—	—
30 to 34 percent	13	13	13	13	—	—	—	—	—	—	—
35 percent or more	—	—	—	—	—	—	—	—	—	—	—
Not computed	17	15	15	15	—	—	—	2	—	2	—
Median	12.7	12.7	13.2	13.1	14.4	10.6	10.3	13.5	12.5	12.5	—

Table 31. Household Income Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units.....	845	614	388	316	72	132	94	231	54	67	2
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	845	614	388	316	72	132	94	231	54	67	2
Less than 10 percent.....	169	81	34	20	14	34	13	88	3	20	—
10 to 14 percent.....	131	96	56	37	19	32	8	35	12	14	—
15 to 19 percent.....	153	125	73	48	25	32	20	28	11	8	2
20 to 24 percent.....	103	78	69	60	9	—	9	25	13	3	—
25 to 29 percent.....	87	67	46	46	—	—	21	20	2	9	—
30 to 34 percent.....	40	29	11	11	—	10	8	11	3	2	—
35 to 49 percent.....	68	53	43	43	—	10	—	15	8	7	—
50 percent or more.....	89	80	51	46	5	14	15	9	2	4	—
Not computed.....	5	5	5	5	—	—	—	—	—	—	—
Median.....	18.9	20.2	22.1	24.2	15.6	15.0	23.3	13.9	20.4	14.8	17.5
Less than \$20,000.....	306	204	126	118	8	38	40	102	23	38	2
Less than 20 percent.....	81	34	20	17	3	14	—	47	9	15	2
20 to 24 percent.....	25	18	9	9	—	—	9	7	4	3	—
25 to 29 percent.....	39	23	7	7	—	—	16	16	7	7	—
30 to 34 percent.....	11	—	—	—	—	—	—	11	3	2	—
35 percent or more.....	145	124	85	80	5	24	15	21	7	11	—
Not computed.....	5	5	5	5	—	—	—	—	—	—	—
Median.....	32.5	42.8	44.4	43.8	50.0+	45.0	28.4	22.9	23.1	25.7	17.5
\$20,000 to \$34,999.....	285	220	128	101	27	57	35	65	17	17	—
Less than 20 percent.....	175	123	54	27	27	47	22	52	6	15	—
20 to 24 percent.....	30	24	24	24	—	—	—	6	6	—	—
25 to 29 percent.....	39	35	30	30	—	—	5	4	2	2	—
30 to 34 percent.....	29	29	11	11	—	10	8	—	—	—	—
35 percent or more.....	12	9	9	9	—	—	—	3	3	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	16.3	18.5	22.1	24.9	10.0-	15.1	17.2	10.0-	22.1	10.0-	—
\$35,000 to \$49,999.....	141	109	85	62	23	24	—	32	11	4	—
Less than 20 percent.....	100	73	49	35	14	24	—	27	8	4	—
20 to 24 percent.....	41	36	36	27	9	—	—	5	3	—	—
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	17.5	18.1	19.2	19.3	19.1	12.7	—	15.0	14.4	12.5	—
\$50,000 or more.....	113	81	49	35	14	13	19	32	3	8	—
Less than 20 percent.....	97	72	40	26	14	13	19	25	3	8	—
20 to 24 percent.....	7	—	—	—	—	—	—	7	—	—	—
25 to 29 percent.....	9	9	9	9	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	12.3	12.7	12.8	12.9	12.7	10.9	16.0	10.0	11.3	11.7	—
Specified renter-occupied housing units.....	1 209	1 035	755	645	110	137	143	174	50	58	13
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	1 209	1 035	755	645	110	137	143	174	50	58	13
Less than 10 percent.....	64	49	36	36	—	6	7	15	—	5	—
10 to 14 percent.....	81	62	36	23	13	—	26	19	12	6	—
15 to 19 percent.....	160	141	108	88	20	20	13	19	11	6	—
20 to 24 percent.....	158	149	130	91	39	13	6	9	7	—	—
25 to 29 percent.....	146	123	72	61	11	24	27	23	5	12	—
30 to 34 percent.....	100	90	58	54	4	26	6	10	5	—	—
35 to 49 percent.....	152	139	107	93	14	14	18	13	4	3	—
50 percent or more.....	305	265	198	189	9	27	40	40	6	17	7
Not computed.....	43	17	10	10	—	7	—	26	—	9	6
Median.....	29.1	29.4	29.3	31.7	22.8	30.4	28.6	27.6	21.4	28.1	50.0+
Less than \$10,000.....	515	432	287	264	23	65	80	83	19	21	13
Less than 20 percent.....	6	—	—	—	—	—	—	6	4	—	—
20 to 24 percent.....	26	22	22	22	—	—	—	4	2	—	—
25 to 29 percent.....	59	50	11	11	—	12	27	9	3	2	—
30 to 34 percent.....	31	29	19	19	—	10	—	2	—	—	—
35 percent or more.....	364	314	225	202	23	36	53	50	10	19	7
Not computed.....	29	17	10	10	—	7	—	12	—	—	6
Median.....	50.0+	50.0+	50.0+	50.0+	48.2	47.8	50.0	50.0+	41.3	50.0+	50.0+
\$10,000 to \$19,999.....	351	303	234	219	15	40	29	48	19	16	—
Less than 20 percent.....	66	53	21	21	—	14	18	13	9	—	—
20 to 24 percent.....	56	53	47	47	—	—	6	3	3	—	—
25 to 29 percent.....	73	59	47	36	11	12	—	14	2	10	—
30 to 34 percent.....	56	48	39	35	4	9	—	8	5	—	—
35 percent or more.....	93	90	80	80	—	5	5	3	—	—	—
Not computed.....	7	—	—	—	—	—	—	7	—	—	—
Median.....	28.4	28.9	30.3	30.8	28.4	27.5	17.5	26.6	20.8	27.7	—
\$20,000 to \$34,999.....	217	184	130	94	36	26	28	33	12	17	—
Less than 20 percent.....	126	101	73	58	15	6	22	25	10	14	—
20 to 24 percent.....	58	56	43	22	21	13	—	2	2	—	—
25 to 29 percent.....	14	14	14	14	—	—	—	—	—	—	—
30 to 34 percent.....	13	13	—	—	—	7	6	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	6	—	—	—	—	—	—	6	—	—	—
Median.....	18.9	19.5	19.5	19.1	20.7	22.7	14.4	14.3	15.0	13.8	—
\$35,000 or more.....	126	116	104	68	36	6	6	10	—	4	—
Less than 20 percent.....	107	98	86	68	18	6	6	9	—	3	—
20 to 24 percent.....	18	18	18	—	18	—	—	—	—	—	—
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	1	—	—	—	—	—	—	—	—	—	—
Median.....	11.9	12.4	12.9	10.0-	20.0	10.0-	12.5	10.0-	—	11.3	—

Table 32. Household Income Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units.....	1 757	1 617	1 195	964	231	310	112	140	48	20	9
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	1 757	1 617	1 195	964	231	310	112	140	48	20	9
Less than 10 percent.....	258	231	184	159	25	37	10	27	10	5	—
10 to 14 percent.....	353	327	226	134	92	83	18	26	12	7	3
15 to 19 percent.....	381	348	297	264	33	31	20	33	4	—	—
20 to 24 percent.....	318	297	205	176	29	52	40	21	8	—	6
25 to 29 percent.....	128	113	97	83	14	14	2	15	11	—	—
30 to 34 percent.....	105	95	57	35	22	38	—	10	1	2	—
35 to 49 percent.....	98	92	37	37	—	55	—	6	2	4	—
50 percent or more.....	94	92	75	59	16	—	17	2	—	2	—
Not computed.....	22	22	17	17	—	—	5	—	—	—	—
Median.....	18.4	18.4	18.0	18.4	14.9	20.4	20.7	17.6	17.5	13.6	21.3
Less than \$20,000.....	282	263	185	169	16	42	36	19	7	10	—
Less than 20 percent.....	45	41	41	41	—	—	—	4	2	2	—
20 to 24 percent.....	33	31	16	16	—	3	12	2	—	—	—
25 to 29 percent.....	15	13	11	9	—	—	2	2	2	—	—
30 to 34 percent.....	18	15	9	9	—	6	—	3	1	2	—
35 percent or more.....	149	141	91	75	16	33	17	8	2	6	—
Not computed.....	22	22	17	17	—	—	5	—	—	—	—
Median.....	40.0	41.6	41.8	34.4	50.0+	40.9	50.0+	32.5	28.8	37.5	—
\$20,000 to \$34,999.....	443	388	292	272	20	68	28	55	24	7	6
Less than 20 percent.....	169	147	127	127	—	9	11	22	9	7	—
20 to 24 percent.....	125	108	65	65	—	26	17	17	6	—	6
25 to 29 percent.....	65	56	42	37	5	14	—	9	9	—	—
30 to 34 percent.....	52	45	37	22	15	8	—	7	—	—	—
35 percent or more.....	32	32	21	21	—	11	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	22.1	22.2	21.5	20.7	31.7	24.8	20.9	21.6	22.5	10.0-	22.5
\$35,000 to \$49,999.....	323	314	232	204	28	53	29	9	4	—	—
Less than 20 percent.....	203	194	137	125	12	34	23	9	4	—	—
20 to 24 percent.....	77	77	62	54	8	9	6	—	—	—	—
25 to 29 percent.....	33	33	33	25	8	—	—	—	—	—	—
30 to 34 percent.....	10	10	—	—	—	10	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	17.8	18.0	18.3	18.1	21.3	18.4	14.4	10.0-	15.0	—	—
\$50,000 or more.....	709	652	486	319	167	147	19	57	13	3	3
Less than 20 percent.....	575	524	402	264	138	108	14	51	11	3	3
20 to 24 percent.....	83	81	62	41	21	14	5	2	2	—	—
25 to 29 percent.....	15	11	11	10	1	—	—	4	—	—	—
30 to 34 percent.....	25	25	11	4	7	14	—	—	—	—	—
35 percent or more.....	11	11	—	—	—	11	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	13.8	13.7	13.9	14.1	13.7	13.1	17.2	15.1	10.0-	12.5	12.5
Specified renter-occupied housing units.....	4 035	3 965	2 645	2 337	308	1 032	288	70	43	22	—
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	4 035	3 965	2 645	2 337	308	1 032	288	70	43	22	—
Less than 10 percent.....	209	195	140	126	14	43	12	14	7	4	—
10 to 14 percent.....	556	541	358	275	83	106	77	15	11	2	—
15 to 19 percent.....	413	401	262	222	40	117	22	12	5	7	—
20 to 24 percent.....	447	445	269	242	27	145	31	2	2	—	—
25 to 29 percent.....	347	345	240	213	27	99	6	2	—	2	—
30 to 34 percent.....	230	228	166	133	33	57	5	2	—	2	—
35 to 49 percent.....	450	445	272	248	24	115	58	5	5	—	—
50 percent or more.....	814	806	559	533	26	191	56	8	6	2	—
Not computed.....	569	559	379	345	34	159	21	10	7	3	—
Median.....	26.6	26.8	27.2	28.1	20.0	26.3	23.6	15.4	15.0	17.5	—
Less than \$10,000.....	1 566	1 552	975	924	51	448	129	14	8	6	—
Less than 20 percent.....	20	18	18	18	—	—	—	2	—	2	—
20 to 24 percent.....	42	42	18	18	—	24	—	—	—	—	—
25 to 29 percent.....	26	26	10	10	—	16	—	—	—	—	—
30 to 34 percent.....	29	27	9	9	—	13	5	2	—	2	—
35 percent or more.....	963	955	616	589	27	236	103	8	6	2	—
Not computed.....	486	484	304	280	24	159	21	2	2	—	—
Median.....	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	32.5	—
\$10,000 to \$19,999.....	1 087	1 067	727	651	76	269	71	20	14	6	—
Less than 20 percent.....	180	170	86	83	3	50	34	10	7	3	—
20 to 24 percent.....	186	186	112	112	—	54	20	—	—	—	—
25 to 29 percent.....	232	230	154	133	21	70	6	2	—	2	—
30 to 34 percent.....	179	179	151	124	27	28	—	—	—	—	—
35 percent or more.....	281	276	198	175	23	67	11	5	5	—	—
Not computed.....	29	26	26	24	2	—	—	3	2	1	—
Median.....	28.5	28.6	30.0	29.5	32.4	27.2	20.4	19.1	19.0	19.2	—
\$20,000 to \$34,999.....	935	915	633	547	86	230	52	20	14	4	—
Less than 20 percent.....	553	540	368	329	39	131	41	13	9	2	—
20 to 24 percent.....	212	210	132	105	27	67	11	2	2	—	—
25 to 29 percent.....	89	89	76	70	6	13	—	—	—	—	—
30 to 34 percent.....	22	22	6	—	6	16	—	—	—	—	—
35 percent or more.....	5	5	2	2	—	3	—	—	—	—	—
Not computed.....	54	49	49	41	8	—	—	5	3	2	—
Median.....	17.5	17.6	17.5	17.2	20.0	18.9	13.2	13.4	13.1	17.5	—
\$35,000 or more.....	447	431	310	215	95	85	36	16	7	6	—
Less than 20 percent.....	425	409	288	193	95	85	36	16	7	6	—
20 to 24 percent.....	7	7	7	7	—	—	—	—	—	—	—
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	15	15	15	15	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	11.2	11.4	11.2	10.0	12.8	11.5	11.8	10.0-	10.0-	10.0-	—

Table 33. Household Income Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units.....	3 184	2 801	1 968	1 551	417	557	276	383	105	159	2
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	3 184	2 801	1 968	1 551	417	557	276	383	105	159	2
Less than 10 percent	523	447	236	181	55	177	34	76	20	35	—
10 to 14 percent	611	521	374	311	63	91	56	90	23	45	—
15 to 19 percent	666	604	439	351	88	91	74	62	23	31	—
20 to 24 percent	415	369	283	227	56	58	28	46	9	6	—
25 to 29 percent	266	225	183	131	52	34	8	41	14	19	—
30 to 34 percent	174	160	94	79	15	34	32	14	2	—	—
35 to 49 percent	230	205	164	124	40	11	30	25	2	12	2
50 percent or more	272	243	175	134	41	61	7	29	12	11	—
Not computed	27	27	20	13	7	—	7	—	—	—	—
Median	18.3	18.5	19.1	18.9	19.9	15.6	18.0	17.1	17.1	14.9	45.0
Less than \$20,000	915	782	543	427	116	139	100	133	35	54	2
Less than 20 percent	167	132	89	66	23	11	32	35	10	21	—
20 to 24 percent	98	83	53	48	5	30	—	15	2	6	—
25 to 29 percent	112	87	73	58	15	8	6	25	7	10	—
30 to 34 percent	78	64	28	23	5	18	18	14	2	—	—
35 percent or more	433	389	280	219	61	72	37	44	14	17	2
Not computed	27	27	20	13	7	—	7	—	—	—	—
Median	34.3	35.7	36.3	36.0	37.5	36.8	32.4	28.3	28.9	25.0	45.0
\$20,000 to \$34,999	919	796	523	458	65	206	67	123	30	64	—
Less than 20 percent	558	461	280	251	29	141	40	97	23	57	—
20 to 24 percent	140	126	92	74	18	23	11	14	2	—	—
25 to 29 percent	97	87	59	54	5	26	2	10	5	5	—
30 to 34 percent	75	75	45	45	—	16	14	—	—	—	—
35 percent or more	49	47	47	34	13	—	—	2	—	2	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	17.9	18.3	19.2	19.0	21.0	17.1	14.9	15.9	17.1	14.5	—
\$35,000 to \$49,999	724	643	466	360	106	132	45	81	28	28	—
Less than 20 percent	547	497	332	277	55	127	38	50	21	20	—
20 to 24 percent	116	99	87	61	26	5	7	17	5	—	—
25 to 29 percent	25	19	19	11	8	—	—	6	2	4	—
30 to 34 percent	21	21	21	11	10	—	—	—	—	—	—
35 percent or more	15	7	7	—	7	—	—	8	—	4	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	14.9	14.9	16.4	15.4	19.7	10.0	16.8	14.6	15.0	12.5	—
\$50,000 or more	626	580	436	306	130	80	64	46	12	13	—
Less than 20 percent	528	482	348	249	99	80	54	46	12	13	—
20 to 24 percent	61	61	51	44	7	—	10	—	—	—	—
25 to 29 percent	32	32	32	8	24	—	—	—	—	—	—
30 to 34 percent	—	—	—	—	—	—	—	—	—	—	—
35 percent or more	5	5	5	5	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	14.5	15.1	15.8	15.6	16.3	10.0	15.8	11.9	10.0	12.5	—
Specified renter-occupied housing units.....	3 891	3 513	2 289	1 990	299	811	413	378	175	116	—
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	3 891	3 513	2 289	1 990	299	811	413	378	175	116	—
Less than 10 percent	244	210	110	95	15	64	36	34	5	12	—
10 to 14 percent	498	428	293	262	31	93	42	70	41	16	—
15 to 19 percent	585	520	298	230	68	151	71	65	29	19	—
20 to 24 percent	447	401	239	195	44	100	62	46	32	13	—
25 to 29 percent	386	348	278	249	29	50	20	38	7	17	—
30 to 34 percent	292	285	201	174	27	61	23	7	4	2	—
35 to 49 percent	471	439	286	258	28	109	44	32	17	11	—
50 percent or more	828	765	535	478	57	165	65	63	29	20	—
Not computed	140	117	49	49	—	18	50	23	11	6	—
Median	26.3	27.0	28.2	28.8	24.0	24.4	22.6	20.9	21.1	23.1	—
Less than \$10,000	1 267	1 149	735	665	70	266	148	118	55	41	—
Less than 20 percent	37	31	7	7	—	12	12	6	—	6	—
20 to 24 percent	33	19	14	14	—	5	—	14	10	4	—
25 to 29 percent	77	63	47	47	—	8	8	14	3	4	—
30 to 34 percent	55	54	38	38	—	4	12	1	—	—	—
35 percent or more	985	907	594	524	70	224	89	78	38	26	—
Not computed	80	75	35	35	—	13	27	5	4	1	—
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	45.0	—
\$10,000 to \$19,999	1 120	1 023	661	600	61	269	93	97	47	28	—
Less than 20 percent	206	191	99	99	—	79	13	15	6	4	—
20 to 24 percent	201	172	72	63	9	63	37	29	20	9	—
25 to 29 percent	196	177	137	127	10	28	12	19	4	8	—
30 to 34 percent	209	203	144	117	27	48	11	6	4	2	—
35 percent or more	288	271	205	190	15	46	20	17	8	5	—
Not computed	20	9	4	4	—	5	—	11	5	—	—
Median	28.6	29.1	30.7	30.4	32.1	24.2	24.5	24.8	23.8	25.6	—
\$20,000 to \$34,999	956	840	541	457	84	182	117	116	59	36	—
Less than 20 percent	581	476	266	236	30	129	81	105	57	28	—
20 to 24 percent	184	181	130	95	35	26	25	3	2	—	—
25 to 29 percent	113	108	94	75	19	14	—	5	—	5	—
30 to 34 percent	28	28	19	19	—	9	—	—	—	—	—
35 percent or more	26	26	22	22	—	4	—	—	—	—	—
Not computed	24	21	10	10	—	—	11	3	—	3	—
Median	17.8	18.4	20.0	19.4	21.7	16.2	16.7	15.2	14.6	14.1	—
\$35,000 or more	548	501	352	268	84	94	55	47	14	11	—
Less than 20 percent	503	460	329	245	84	88	43	43	12	9	—
20 to 24 percent	29	29	23	23	—	6	—	—	—	—	—
25 to 29 percent	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent	—	—	—	—	—	—	—	—	—	—	—
35 percent or more	—	—	—	—	—	—	—	—	—	—	—
Not computed	16	12	—	—	—	—	12	4	2	2	—
Median	12.4	12.8	13.2	12.5	16.0	12.0	11.0	10.0	10.7	10.0	—

Table 40. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	Inside metropolitan area							Outside metropolitan area						
	The State	Total		In central city		Not in central city			Total		Urban, outside urbanized area			
						Total	Urban				Rural	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
							Inside urbanized area	Outside urbanized area						
Occupied housing units	15 486	13 201	12 544	657	551	20	86	2 285	1 888	198	199			
TENURE														
Owner-occupied housing units	6 010	5 080	4 798	282	218	—	64	930	773	35	122			
Renter-occupied housing units	9 476	8 121	7 746	375	333	20	22	1 355	1 115	163	77			
YEAR STRUCTURE BUILT														
Owner-occupied housing units	6 010	5 080	4 798	282	218	—	64	930	773	35	122			
1989 to March 1990	30	30	23	7	7	—	—	—	—	—	—			
1985 to 1988	87	63	36	27	20	—	7	24	8	14	2			
1980 to 1984	257	210	191	19	9	—	10	47	26	—	21			
1970 to 1979	781	687	573	114	81	—	33	94	69	—	25			
1960 to 1969	804	702	647	55	46	—	9	102	81	5	16			
1950 to 1959	805	707	706	1	1	—	—	98	76	4	18			
1940 to 1949	688	596	582	14	14	—	—	92	90	—	2			
1939 or earlier	2 558	2 085	2 040	45	40	—	5	473	423	12	38			
Renter-occupied housing units	9 476	8 121	7 746	375	333	20	22	1 355	1 115	163	77			
1989 to March 1990	85	85	76	9	—	9	—	—	—	—	—			
1985 to 1988	263	222	206	16	16	—	—	41	31	—	10			
1980 to 1984	796	677	637	40	32	—	8	119	93	18	8			
1970 to 1979	2 151	1 905	1 756	149	149	—	—	246	209	30	7			
1960 to 1969	1 553	1 312	1 240	72	65	7	—	241	192	31	18			
1950 to 1959	1 043	937	872	65	57	—	8	106	89	12	5			
1940 to 1949	805	652	644	8	8	—	—	153	134	4	15			
1939 or earlier	2 780	2 331	2 315	16	6	4	6	449	367	68	14			
BEDROOMS														
Owner-occupied housing units	6 010	5 080	4 798	282	218	—	64	930	773	35	122			
None	7	—	—	—	—	—	—	7	—	—	7			
1	221	195	193	2	—	—	2	26	26	—	—			
2	1 492	1 251	1 226	25	24	—	1	241	201	9	31			
3	3 147	2 676	2 514	162	141	—	21	471	393	26	52			
4	935	789	707	82	53	—	29	146	130	—	16			
5 or more	208	169	158	11	—	—	11	39	23	—	16			
Renter-occupied housing units	9 476	8 121	7 746	375	333	20	22	1 355	1 115	163	77			
None	580	546	504	42	42	—	—	34	21	11	2			
1	2 583	2 235	2 168	67	66	—	1	348	293	48	7			
2	3 989	3 360	3 151	209	176	20	13	629	539	59	31			
3	1 933	1 647	1 597	50	42	—	8	286	219	38	29			
4	343	285	278	7	7	—	—	58	43	7	8			
5 or more	48	48	48	—	—	—	—	—	—	—	—			
SOURCE OF WATER														
Public system or private company	15 334	13 138	12 512	626	551	20	55	2 196	1 865	198	133			
Individual drilled well	122	59	32	27	—	—	27	63	13	—	50			
Individual dug well	30	4	—	4	—	—	4	26	10	—	16			
Some other source	—	—	—	—	—	—	—	—	—	—	—			
SEWAGE DISPOSAL														
Public sewer	15 115	12 989	12 391	598	545	20	33	2 126	1 848	198	80			
Septic tank or cesspool	267	119	60	59	6	—	53	148	34	—	114			
Other means	104	93	93	—	—	—	—	11	6	—	5			
KITCHEN FACILITIES														
Complete kitchen facilities	15 374	13 112	12 455	657	551	20	86	2 262	1 880	188	194			
Lacking complete kitchen facilities	112	89	89	—	—	—	—	23	8	10	5			
HOUSE HEATING FUEL														
Utility gas	12 125	10 307	9 858	449	405	11	33	1 818	1 610	137	71			
Bottled, tank, or LP gas	251	179	153	26	6	—	20	72	15	—	57			
Electricity	2 670	2 355	2 182	173	131	9	33	315	222	51	42			
Fuel oil, kerosene, etc.	171	149	140	9	9	—	—	22	11	—	11			
Coal or coke	—	—	—	—	—	—	—	—	—	—	—			
Wood	29	7	7	—	—	—	—	22	4	—	18			
Solar energy	—	—	—	—	—	—	—	—	—	—	—			
Other fuel	147	127	127	—	—	—	—	20	20	—	—			
No fuel used	93	77	77	—	—	—	—	16	6	10	—			
VEHICLES AVAILABLE														
None	3 570	3 132	3 097	35	35	—	—	438	381	36	21			
1	6 305	5 412	5 122	290	257	11	22	893	764	93	36			
2	3 871	3 318	3 127	191	159	9	23	553	443	50	60			
3	1 278	996	888	108	84	—	24	282	213	19	50			
4	332	238	214	24	16	—	8	94	76	—	18			
5 or more	130	105	96	9	—	—	9	25	11	—	14			
YEAR HOUSEHOLDER MOVED INTO UNIT														
Owner-occupied housing units	6 010	5 080	4 798	282	218	—	64	930	773	35	122			
1989 to March 1990	506	416	330	86	62	—	24	90	80	—	10			
1985 to 1988	998	824	783	41	27	—	14	174	130	30	14			
1980 to 1984	770	606	531	75	69	—	6	164	134	—	30			
1970 to 1979	1 637	1 364	1 301	63	44	—	19	273	249	—	24			
1960 to 1969	1 209	1 106	1 097	9	8	—	1	103	81	5	17			
1959 or earlier	890	764	756	8	8	—	—	126	99	—	27			
Renter-occupied housing units	9 476	8 121	7 746	375	333	20	22	1 355	1 115	163	77			
1989 to March 1990	4 631	3 864	3 692	172	144	20	8	767	602	121	44			
1985 to 1988	3 488	3 060	2 892	168	154	—	14	428	365	38	25			
1980 to 1984	1 010	877	847	30	30	—	—	133	121	4	8			
1970 to 1979	207	184	179	5	5	—	—	23	23	—	—			
1960 to 1969	90	90	90	—	—	—	—	—	—	—	—			
1959 or earlier	50	46	46	—	—	—	—	4	4	—	—			
PLUMBING FACILITIES BY PERSONS PER ROOM														
Owner-occupied housing units	6 010	5 080	4 798	282	218	—	64	930	773	35	122			
Lacking complete plumbing facilities	32	20	20	—	—	—	—	12	—	—	12			
1.01 or more	7	—	—	—	—	—	—	7	—	—	7			
Renter-occupied housing units	9 476	8 121	7 746	375	333	20	22	1 355	1 115	163	77			
Lacking complete plumbing facilities	69	59	59	—	—	—	—	10	10	—	—			
1.01 or more	8	8	8	—	—	—	—	—	—	—	—			

Table 41. Occupancy, Fuel, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area				
		Total	In central city	Not in central city			Total	Urban, outside urbanized area		Rural		
				Total	Urban			Place of 10,000 or more	Place of 2,500 to 9,999			
					Inside urbanized area	Outside urbanized area					Rural	
Occupied housing units	2 398	1 318	1 009	309	201	24	84	1 080	316	258	506	
TENURE												
Owner-occupied housing units	1 168	530	364	166	91	18	57	638	179	121	338	
Renter-occupied housing units	1 230	788	645	143	110	6	27	442	137	137	168	
YEAR STRUCTURE BUILT												
Owner-occupied housing units	1 168	530	364	166	91	18	57	638	179	121	338	
1989 to March 1990	—	—	—	—	—	—	—	—	—	—	—	
1985 to 1988	32	13	—	13	8	—	5	19	—	8	11	
1980 to 1984	76	23	14	9	6	—	3	53	—	13	40	
1970 to 1979	217	88	53	35	15	7	13	129	18	20	91	
1960 to 1969	144	82	57	25	9	11	5	62	14	—	48	
1950 to 1959	106	63	49	14	12	—	2	43	22	8	13	
1940 to 1949	116	49	42	7	7	—	—	67	27	18	22	
1939 or earlier	477	212	149	63	34	—	29	265	98	54	113	
Renter-occupied housing units	1 230	788	645	143	110	6	27	442	137	137	168	
1989 to March 1990	6	6	6	—	—	—	—	—	—	—	—	
1985 to 1988	54	27	14	13	11	—	2	27	16	7	4	
1980 to 1984	84	52	10	42	36	—	6	32	7	15	10	
1970 to 1979	281	169	122	47	35	6	6	112	7	42	63	
1960 to 1969	116	74	67	7	4	—	3	42	7	25	10	
1950 to 1959	145	81	78	3	3	—	—	64	32	22	10	
1940 to 1949	120	92	74	18	12	—	6	28	10	6	12	
1939 or earlier	424	287	274	13	9	—	4	137	58	20	59	
BEDROOMS												
Owner-occupied housing units	1 168	530	364	166	91	18	57	638	179	121	338	
None	—	—	—	—	—	—	—	—	—	—	—	
1	42	9	—	9	7	—	2	33	—	24	9	
2	323	139	107	32	14	7	11	184	64	20	100	
3	519	238	160	78	57	—	21	281	62	52	167	
4	230	106	61	45	13	11	21	124	53	25	46	
5 or more	54	38	36	2	—	—	2	16	—	—	16	
Renter-occupied housing units	1 230	788	645	143	110	6	27	442	137	137	168	
None	55	48	37	11	11	—	7	7	—	—	—	
1	290	153	127	26	14	6	6	137	47	35	55	
2	538	398	305	93	85	—	8	140	17	66	57	
3	233	144	131	13	—	—	13	89	37	11	41	
4	85	31	31	—	—	—	—	54	29	19	6	
5 or more	29	14	14	—	—	—	—	15	—	6	9	
SOURCE OF WATER												
Public system or private company	2 193	1 258	1 005	253	190	24	39	935	316	241	378	
Individual drilled well	181	58	4	54	11	—	43	123	—	17	106	
Individual dug well	18	2	—	2	—	—	2	16	—	—	16	
Some other source	6	—	—	—	—	—	—	6	—	—	6	
SEWAGE DISPOSAL												
Public sewer	2 073	1 209	974	235	172	24	39	864	316	241	307	
Septic tank or cesspool	300	102	28	74	29	—	45	198	—	17	181	
Other means	25	7	7	—	—	—	—	18	—	—	18	
KITCHEN FACILITIES												
Complete kitchen facilities	2 365	1 305	996	309	201	24	84	1 060	316	258	486	
Lacking complete kitchen facilities	33	13	13	—	—	—	—	20	—	—	20	
HOUSE HEATING FUEL												
Utility gas	1 638	1 052	860	192	131	18	43	586	258	186	142	
Bottled, tank, or LP gas	319	55	24	31	9	—	22	264	5	8	251	
Electricity	315	190	107	83	61	6	16	125	38	54	33	
Fuel oil, kerosene, etc.	61	3	—	3	—	—	3	58	15	10	33	
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	
Wood	42	—	—	—	—	—	—	42	—	—	42	
Solar energy	5	—	—	—	—	—	—	5	—	—	5	
Other fuel	18	18	18	—	—	—	—	—	—	—	—	
No fuel used	—	—	—	—	—	—	—	—	—	—	—	
VEHICLES AVAILABLE												
None	374	242	223	19	14	—	5	132	39	62	31	
1	1 003	554	468	86	44	13	29	449	165	104	180	
2	624	309	194	115	92	—	23	315	83	60	172	
3	239	141	89	52	35	11	6	98	14	19	65	
4	120	57	35	22	7	—	15	63	15	—	48	
5 or more	38	15	—	15	9	—	6	23	—	13	10	
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	1 168	530	364	166	91	18	57	638	179	121	338	
1989 to March 1990	178	68	61	7	7	—	—	110	31	28	51	
1985 to 1988	331	162	120	42	29	—	13	169	59	28	82	
1980 to 1984	180	77	33	44	20	18	6	103	17	20	66	
1970 to 1979	254	122	88	34	15	—	19	132	19	28	85	
1960 to 1969	116	57	31	26	20	—	6	59	24	9	26	
1959 or earlier	109	44	31	13	—	—	13	65	29	8	28	
Renter-occupied housing units	1 230	788	645	143	110	6	27	442	137	137	168	
1989 to March 1990	698	451	386	65	45	—	20	247	78	100	69	
1985 to 1988	397	265	219	46	39	6	1	132	39	19	74	
1980 to 1984	81	44	18	26	—	—	—	37	13	12	12	
1970 to 1979	46	22	22	—	—	—	—	24	7	6	11	
1960 to 1969	6	6	—	6	—	—	6	—	—	—	—	
1959 or earlier	2	—	—	—	—	—	—	2	—	—	2	
PLUMBING FACILITIES BY PERSONS PER ROOM												
Owner-occupied housing units	1 168	530	364	166	91	18	57	638	179	121	338	
Lacking complete plumbing facilities	45	2	—	2	—	—	2	43	24	—	19	
1.01 or more	5	—	—	—	—	—	—	5	—	—	5	
Renter-occupied housing units	1 230	788	645	143	110	6	27	442	137	137	168	
Lacking complete plumbing facilities	3	—	—	—	—	—	—	3	—	—	3	
1.01 or more	1	—	—	—	—	—	—	1	—	—	1	

Table 42. Occupancy, Fuel, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area				
		Total	In central city	Not in central city			Rural	Total	Urban, outside urbanized area		Rural	
				Total	Inside urbanized area	Outside urbanized area			Place of 10,000 or more	Place of 2,500 to 9,999		
Occupied housing units	6 216	4 210	3 473	737	597	53	87	2 006	1 377	431	198	
TENURE												
Owner-occupied housing units	2 159	1 512	1 131	381	289	22	70	647	360	153	134	
Renter-occupied housing units	4 057	2 698	2 342	356	308	31	17	1 359	1 017	278	64	
YEAR STRUCTURE BUILT												
Owner-occupied housing units	2 159	1 512	1 131	381	289	22	70	647	360	153	134	
1989 to March 1990	42	28	5	23	12	11	—	14	14	—	—	
1985 to 1988	155	122	35	87	87	—	—	33	31	—	2	
1980 to 1984	171	137	119	18	14	—	4	34	14	10	10	
1970 to 1979	682	497	359	138	89	9	40	185	90	57	38	
1960 to 1969	355	233	166	67	58	2	7	122	66	26	30	
1950 to 1959	236	131	102	29	14	—	15	105	47	43	15	
1940 to 1949	106	87	81	6	6	—	—	19	15	—	4	
1939 or earlier	412	277	264	13	9	—	4	135	83	17	35	
Renter-occupied housing units	4 057	2 698	2 342	356	308	31	17	1 359	1 017	278	64	
1989 to March 1990	33	20	20	—	—	—	—	13	13	—	—	
1985 to 1988	220	127	104	23	16	7	—	93	42	51	—	
1980 to 1984	372	244	180	64	61	—	3	128	76	52	—	
1970 to 1979	911	636	530	106	88	14	4	275	234	34	7	
1960 to 1969	791	541	459	82	80	—	2	250	213	30	7	
1950 to 1959	398	273	218	55	55	—	—	125	98	22	5	
1940 to 1949	395	157	151	6	2	4	—	238	227	9	2	
1939 or earlier	937	700	680	20	6	6	8	237	114	80	43	
BEDROOMS												
Owner-occupied housing units	2 159	1 512	1 131	381	289	22	70	647	360	153	134	
None	—	—	—	—	—	—	—	—	—	—	—	
1	216	163	104	59	51	6	2	53	2	41	10	
2	476	321	262	59	27	9	23	155	70	36	49	
3	811	557	470	87	62	—	25	254	176	57	21	
4	513	375	234	141	123	2	16	138	75	19	44	
5 or more	143	96	61	35	26	5	4	47	37	—	10	
Renter-occupied housing units	4 057	2 698	2 342	356	308	31	17	1 359	1 017	278	64	
None	568	397	353	44	40	4	—	171	136	32	3	
1	1 560	1 009	885	124	116	6	2	551	388	141	22	
2	1 472	971	818	153	139	7	7	501	396	96	9	
3	317	229	205	24	8	14	2	88	67	4	17	
4	83	58	53	5	5	—	—	25	12	5	8	
5 or more	57	34	28	6	—	—	6	23	18	—	5	
SOURCE OF WATER												
Public system or private company	6 092	4 138	3 462	676	591	53	32	1 954	1 377	425	152	
Individual drilled well	107	60	11	49	—	—	49	47	—	6	41	
Individual dug well	17	12	—	12	6	—	6	5	—	—	5	
Some other source	—	—	—	—	—	—	—	—	—	—	—	
SEWAGE DISPOSAL												
Public sewer	5 983	4 068	3 406	662	581	53	28	1 915	1 366	413	136	
Septic tank or cesspool	179	120	45	75	16	—	59	59	—	—	59	
Other means	54	22	22	—	—	—	—	32	11	18	3	
KITCHEN FACILITIES												
Complete kitchen facilities	6 116	4 147	3 423	724	590	49	85	1 969	1 344	431	194	
Lacking complete kitchen facilities	100	63	50	13	7	4	2	37	33	—	4	
HOUSE HEATING FUEL												
Utility gas	4 753	3 121	2 597	524	437	46	41	1 632	1 182	326	124	
Bottled, tank, or LP gas	176	117	67	50	18	—	32	59	14	8	37	
Electricity	1 178	888	727	161	142	7	12	290	174	91	25	
Fuel oil, kerosene, etc.	27	23	23	—	—	—	—	4	—	—	4	
Coal or coke	16	16	16	—	—	—	—	—	—	—	—	
Wood	8	2	—	2	—	—	2	6	—	—	6	
Solar energy	—	—	—	—	—	—	—	—	—	—	—	
Other fuel	14	6	6	—	—	—	—	8	—	6	2	
No fuel used	44	37	37	—	—	—	—	7	7	—	—	
VEHICLES AVAILABLE												
None	723	450	415	35	25	10	—	273	215	54	4	
1	2 741	1 812	1 615	197	159	16	22	929	677	189	63	
2	1 802	1 242	943	299	271	5	23	560	353	132	75	
3	626	439	286	153	101	16	36	187	98	56	33	
4	261	216	163	53	41	6	6	45	24	—	21	
5 or more	63	51	51	—	—	—	—	12	10	—	2	
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	2 159	1 512	1 131	381	289	22	70	647	360	153	134	
1989 to March 1990	398	288	219	69	43	20	6	110	63	36	11	
1985 to 1988	781	558	409	149	124	—	25	223	144	34	45	
1980 to 1984	533	224	179	45	32	—	13	109	47	29	33	
1970 to 1979	343	376	264	112	90	2	20	167	78	54	35	
1960 to 1969	73	43	37	6	—	—	6	30	28	—	2	
1959 or earlier	31	23	23	—	—	—	—	8	—	—	8	
Renter-occupied housing units	4 057	2 698	2 342	356	308	31	17	1 359	1 017	278	64	
1989 to March 1990	2 436	1 613	1 412	201	187	10	4	823	603	195	25	
1985 to 1988	1 380	907	791	116	95	21	—	473	371	75	27	
1980 to 1984	189	143	104	39	26	—	13	46	34	—	12	
1970 to 1979	48	35	35	—	—	—	—	13	9	4	—	
1960 to 1969	4	—	—	—	—	—	—	4	—	—	—	
1959 or earlier	—	—	—	—	—	—	—	—	—	—	—	
PLUMBING FACILITIES BY PERSONS PER ROOM												
Owner-occupied housing units	2 159	1 512	1 131	381	289	22	70	647	360	153	134	
Lacking complete plumbing facilities	3	3	3	—	—	—	—	—	—	—	—	
1.01 or more	3	3	3	—	—	—	—	—	—	—	—	
Renter-occupied housing units	4 057	2 698	2 342	356	308	31	17	1 359	1 017	278	64	
Lacking complete plumbing facilities	55	45	45	—	—	—	—	10	—	8	2	
1.01 or more	8	8	8	—	—	—	—	—	—	—	—	

Table 43. Occupancy, Fuel, and Structural Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	Inside metropolitan area							Outside metropolitan area			
	The State	Total		In central city		Not in central city			Urban, outside urbanized area		Rural
						Total	Urban				
							Inside urbanized area	Outside urbanized area				Rural
Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural								
Occupied housing units	7 657	4 751	3 679	1 072	763	120	189	2 906	1 376	718	812
TENURE											
Owner-occupied housing units	3 707	2 332	1 689	643	464	55	124	1 375	612	323	440
Renter-occupied housing units	3 950	2 419	1 990	429	299	65	65	1 531	764	395	372
YEAR STRUCTURE BUILT											
Owner-occupied housing units	3 707	2 332	1 689	643	464	55	124	1 375	612	323	440
1989 to March 1990	48	24	13	11	9	—	2	24	13	—	11
1985 to 1988	105	72	41	31	13	12	6	33	6	6	21
1980 to 1984	136	99	50	49	34	1	14	37	4	6	27
1970 to 1979	518	284	160	124	74	13	37	234	93	52	89
1960 to 1969	492	327	219	108	92	—	16	165	90	32	43
1950 to 1959	657	456	319	137	127	10	—	201	100	57	44
1940 to 1949	436	268	206	62	38	12	12	168	87	38	43
1939 or earlier	1 315	802	681	121	77	7	37	513	219	132	162
Renter-occupied housing units	3 950	2 419	1 990	429	299	65	65	1 531	764	395	372
1989 to March 1990	39	22	14	8	8	—	—	17	17	—	—
1985 to 1988	122	67	42	25	10	12	3	55	26	17	12
1980 to 1984	367	220	162	58	50	8	—	147	59	51	37
1970 to 1979	796	597	441	156	134	—	22	199	105	50	44
1960 to 1969	416	300	250	50	29	20	1	116	58	25	33
1950 to 1959	356	215	182	33	33	—	—	141	75	12	54
1940 to 1949	331	193	157	36	22	—	14	138	72	29	37
1939 or earlier	1 523	805	742	63	13	25	25	718	352	211	155
BEDROOMS											
Owner-occupied housing units	3 707	2 332	1 689	643	464	55	124	1 375	612	323	440
None	6	6	6	—	—	—	—	—	—	—	—
1	158	47	38	9	6	—	3	111	55	34	22
2	985	609	427	182	141	20	21	376	166	85	125
3	1 790	1 203	857	346	266	27	53	587	276	109	202
4	695	439	335	104	51	8	45	256	113	75	68
5 or more	73	28	26	2	—	—	2	45	2	20	23
Renter-occupied housing units	3 950	2 419	1 990	429	299	65	65	1 531	764	395	372
None	148	93	86	7	7	—	—	55	35	12	8
1	1 260	822	731	91	70	16	5	438	230	162	46
2	1 566	999	786	213	161	30	22	567	303	110	154
3	717	360	271	89	54	13	22	357	157	93	107
4	212	113	91	22	—	6	16	99	37	11	51
5 or more	47	32	25	7	7	—	—	19	2	7	6
SOURCE OF WATER											
Public system or private company	7 251	4 655	3 670	985	758	120	107	2 596	1 376	693	527
Individual drilled well	340	84	9	75	5	—	70	256	—	25	231
Individual dug well	58	4	—	4	—	—	4	54	—	—	54
Some other source	8	8	—	8	—	—	8	—	—	—	—
SEWAGE DISPOSAL											
Public sewer	7 024	4 501	3 627	874	681	112	81	2 523	1 348	683	492
Septic tank or cesspool	604	232	47	185	82	—	103	372	28	35	309
Other means	29	18	5	13	—	—	5	11	—	—	11
KITCHEN FACILITIES											
Complete kitchen facilities	7 605	4 711	3 650	1 061	752	120	189	2 894	1 376	718	800
Lacking complete kitchen facilities	52	40	29	11	11	—	—	12	—	—	12
HOUSE HEATING FUEL											
Utility gas	6 020	3 868	3 073	795	607	120	68	2 152	1 193	565	394
Bottled, tank, or LP gas	414	136	55	81	20	—	61	278	17	25	236
Electricity	932	598	457	141	127	—	14	334	135	116	83
Fuel oil, kerosene, etc.	102	30	28	2	—	—	2	72	—	12	60
Coal or coke	—	—	—	—	—	—	—	—	—	—	—
Wood	80	47	8	39	—	—	39	33	—	—	33
Solar energy	—	—	—	—	—	—	—	—	—	—	—
Other fuel	65	54	40	14	9	—	5	11	7	—	4
No fuel used	44	18	18	—	—	—	—	26	24	—	2
VEHICLES AVAILABLE											
None	986	610	531	79	73	—	6	376	224	83	69
1	2 721	1 737	1 441	296	219	31	46	984	503	261	220
2	2 673	1 669	1 180	489	340	75	74	1 004	451	245	308
3	953	545	401	144	87	14	43	408	148	103	157
4	244	154	102	52	39	—	13	90	20	26	44
5 or more	80	36	24	12	5	—	7	44	30	—	14
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	3 707	2 332	1 689	643	464	55	124	1 375	612	323	440
1989 to March 1990	504	318	224	94	71	12	11	186	67	47	72
1985 to 1988	965	638	444	194	126	26	42	327	124	74	129
1980 to 1984	511	259	177	82	59	7	16	252	138	37	77
1970 to 1979	867	564	425	139	102	10	27	303	160	74	69
1960 to 1969	477	312	239	73	59	—	14	165	67	63	35
1959 or earlier	383	241	180	61	47	—	14	142	56	28	58
Renter-occupied housing units	3 950	2 419	1 990	429	299	65	65	1 531	764	395	372
1989 to March 1990	2 371	1 517	1 268	249	175	40	34	854	440	220	194
1985 to 1988	1 227	679	563	116	85	16	15	548	249	153	146
1980 to 1984	239	157	93	64	39	9	16	82	43	17	22
1970 to 1979	89	59	59	—	—	—	—	30	20	—	10
1960 to 1969	7	—	—	—	—	—	—	7	7	—	—
1959 or earlier	17	7	7	—	—	—	—	10	5	5	—
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	3 707	2 332	1 689	643	464	55	124	1 375	612	323	440
Lacking complete plumbing facilities	23	11	11	—	—	—	—	12	—	—	12
1.01 or more	2	2	2	—	—	—	—	—	—	—	—
Renter-occupied housing units	3 950	2 419	1 990	429	299	65	65	1 531	764	395	372
Lacking complete plumbing facilities	29	7	7	—	—	—	—	22	—	—	18
1.01 or more	25	7	7	—	—	—	—	18	—	—	18

Table 46. Social and Financial Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	Inside metropolitan area							Outside metropolitan area			
	The State	Total		In central city		Not in central city			Urban, outside urbanized area		Rural
						Total	Urban				
							Inside urbanized area	Outside urbanized area			
Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural								
Occupied housing units	15 486	13 201	12 544	657	551	20	86	2 285	1 888	198	199
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	2 096	1 820	1 771	49	48	—	1	276	246	9	21
Owner occupied	1 403	1 191	1 170	21	20	—	1	212	186	5	21
1-person households	1 094	962	941	21	20	—	1	132	115	9	8
Built 1939 or earlier	1 115	944	935	9	8	—	1	171	151	9	11
Mean household income in 1989 (dollars)	15 190	14 858	14 839	15 527	15 368	—	23 200	17 383	17 205	9 740	22 745
Female householder, no husband present	1 016	892	878	14	13	—	1	124	112	4	8
Lacking complete plumbing facilities	20	15	15	—	—	—	—	5	—	—	5
No vehicle available	680	579	579	—	—	—	—	101	89	9	3
No telephone in unit	63	58	58	—	—	—	—	5	5	—	—
1-person households	33	33	33	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	775	698	698	—	—	—	—	77	63	—	14
Married-couple families	235	202	202	—	—	—	—	33	23	—	10
With own children under 18 years	131	105	105	—	—	—	—	26	23	—	3
Families with female householder	213	206	206	—	—	—	—	7	7	—	—
With own children under 18 years	121	114	114	—	—	—	—	7	7	—	—
Householder worked in 1989	311	272	272	—	—	—	—	39	29	—	10
With public assistance income	190	180	180	—	—	—	—	10	7	—	3
With Social Security income	306	299	299	—	—	—	—	7	6	—	1
Built 1939 or earlier	444	394	394	—	—	—	—	50	43	—	7
Lacking complete plumbing facilities	27	20	20	—	—	—	—	7	—	—	7
No vehicle available	168	159	159	—	—	—	—	9	6	—	3
No telephone in unit	78	78	78	—	—	—	—	—	—	—	—
1.01 or more persons per room	44	37	37	—	—	—	—	7	—	—	7
Renter-occupied housing units	4 225	3 604	3 554	50	45	4	1	621	555	45	21
Married-couple families	486	375	375	—	—	—	—	111	105	—	6
With own children under 18 years	414	317	317	—	—	—	—	97	91	—	6
Families with female householder	2 309	2 052	2 040	12	12	—	—	257	244	9	4
With own children under 18 years	2 170	1 913	1 901	12	12	—	—	257	244	9	4
Householder worked in 1989	2 106	1 800	1 760	40	39	—	1	306	254	39	13
With public assistance income	2 094	1 834	1 828	6	6	—	—	260	233	15	12
With Social Security income	511	451	434	17	17	—	—	60	60	—	—
Built 1939 or earlier	1 254	1 040	1 035	5	—	4	1	214	186	22	6
Lacking complete plumbing facilities	30	25	25	—	—	—	—	5	5	—	—
No vehicle available	2 103	1 813	1 778	35	35	—	—	290	255	22	13
No telephone in unit	1 087	897	897	—	—	—	—	190	144	36	10
1.01 or more persons per room	621	562	556	6	6	—	—	59	56	—	3
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	15 971	15 783	14 941	32 470	31 625	24 643	46 250	17 049	15 174	28 571	30 125
Owner occupied (dollars)	27 393	27 344	25 740	60 370	57 905	—	66 361	27 586	26 276	38 250	34 545
Renter occupied (dollars)	11 305	11 245	10 847	22 102	20 446	24 643	26 667	11 587	10 635	28 036	17 656
Specified owner-occupied housing units	5 522	4 678	4 457	221	181	—	40	844	718	28	98
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	3 591	3 027	2 829	198	159	—	39	564	476	23	65
Less than \$200	29	29	29	—	—	—	—	—	—	—	—
\$200 to \$299	265	205	205	—	—	—	—	60	53	—	7
\$300 to \$399	551	445	445	—	—	—	—	106	84	13	9
\$400 to \$499	666	538	535	3	3	—	3	128	115	5	8
\$500 to \$599	676	553	525	28	25	—	3	123	121	—	2
\$600 to \$699	484	430	412	18	18	—	—	54	36	—	18
\$700 to \$799	353	304	284	20	16	—	4	49	41	—	8
\$800 to \$899	217	200	143	57	42	—	15	17	11	5	1
\$900 to \$999	90	86	73	13	11	—	2	4	2	—	2
\$1,000 to \$1,249	179	158	122	36	29	—	7	21	13	—	8
\$1,250 to \$1,499	39	37	31	6	6	—	—	2	—	—	2
\$1,500 to \$1,999	28	28	16	12	12	—	—	—	—	—	—
\$2,000 or more	14	14	9	5	—	—	5	—	—	—	—
Median (dollars)	540	556	539	850	834	—	882	490	487	394	632
Mean (dollars)	590	602	579	929	898	—	1 056	525	509	503	652
Not mortgaged	1 931	1 651	1 628	23	22	—	1	280	242	5	33
Less than \$100	87	71	71	—	—	—	—	16	16	—	—
\$100 to \$199	752	608	599	9	8	—	1	144	124	5	15
\$200 to \$299	642	559	553	6	6	—	—	83	71	—	12
\$300 to \$399	331	299	291	8	8	—	—	32	31	—	1
\$400 to \$499	67	67	67	—	—	—	—	—	—	—	—
\$500 or more	52	47	47	—	—	—	—	5	—	—	5
Median (dollars)	215	219	219	271	275	—	125	185	183	125	207
Mean (dollars)	230	236	236	248	253	—	135	196	192	110	239
Specified renter-occupied housing units	9 441	8 100	7 725	375	333	20	22	1 341	1 115	156	70
GROSS RENT											
Less than \$100	206	159	159	—	—	—	—	47	33	14	—
\$100 to \$149	711	616	609	7	7	—	—	95	79	16	—
\$150 to \$199	691	611	600	11	11	—	—	80	67	9	4
\$200 to \$249	810	668	668	—	—	—	—	142	83	48	11
\$250 to \$299	1 087	854	813	41	32	9	—	233	213	13	7
\$300 to \$349	1 151	981	901	80	67	11	2	170	140	6	24
\$350 to \$399	1 320	1 167	1 156	11	8	—	3	153	130	16	7
\$400 to \$449	1 135	942	924	18	18	—	—	193	154	30	9
\$450 to \$499	813	749	645	104	95	—	9	64	64	—	—
\$500 to \$549	557	503	453	50	42	—	8	54	50	—	4
\$550 to \$599	368	317	298	19	19	—	—	51	51	—	—
\$600 to \$649	169	157	157	—	—	—	—	12	12	—	—
\$650 to \$699	132	119	104	15	15	—	—	13	13	—	—
\$700 to \$749	72	72	53	19	19	—	—	—	—	—	—
\$750 to \$999	109	93	93	—	—	—	—	16	16	—	—
\$1,000 or more	8	8	8	—	—	—	—	—	—	—	—
No cash rent	102	84	84	—	—	—	—	18	10	4	4
Median (dollars)	351	356	353	457	460	304	467	320	330	244	314
Mean (dollars)	352	356	352	428	433	304	460	330	340	262	317

Table 47. Social and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area				
		Total	In central city	Not in central city			Total	Urban, outside urbanized area		Rural		
				Total	Urban			Place of 10,000 or more	Place of 2,500 to 9,999			
					Inside urban- ized area	Outside urbanized area					Rural	
Occupied housing units	2 398	1 318	1 009	309	201	24	84	1 080	316	258	506	
HOUSEHOLDER 65 YEARS AND OVER												
Occupied housing units	261	122	71	51	17	17	17	139	43	21	75	
Owner occupied	181	64	36	28	3	11	14	117	43	15	59	
1-person households	107	40	18	22	14	6	2	67	37	9	21	
Built 1939 or earlier	119	49	37	12	—	—	12	70	29	9	32	
Mean household income in 1989 (dollars)	16 340	19 808	13 054	29 212	8 380	27 951	51 303	13 296	10 826	16 072	13 936	
Female householder, no husband present	118	66	37	29	14	6	9	52	13	9	30	
Lacking complete plumbing facilities	33	—	—	—	—	—	—	33	24	—	9	
No vehicle available	75	39	25	14	14	—	—	36	6	15	15	
No telephone in unit	16	2	2	—	—	—	—	14	—	—	14	
1-person households	5	2	2	—	—	—	—	3	—	—	3	
HOUSEHOLDS BELOW POVERTY LEVEL												
Owner-occupied housing units	206	84	75	9	5	—	4	122	39	40	43	
Married-couple families	83	52	45	7	5	—	2	31	5	15	11	
With own children under 18 years	40	17	15	2	—	—	—	23	5	15	3	
Families with female householder	54	21	21	—	—	—	—	33	12	8	13	
With own children under 18 years	43	16	16	—	—	—	—	27	12	8	7	
Householder worked in 1989	93	36	29	7	5	—	2	57	12	23	22	
With public assistance income	66	27	25	2	—	—	—	39	8	9	22	
With Social Security income	49	24	22	2	—	—	—	25	7	9	9	
Built 1939 or earlier	101	39	37	2	—	—	—	62	20	25	17	
Lacking complete plumbing facilities	2	—	—	—	—	—	—	2	—	—	2	
No vehicle available	27	8	8	—	—	—	—	19	7	9	3	
No telephone in unit	28	6	6	—	—	—	—	22	13	—	9	
1.01 or more persons per room	16	2	—	2	—	—	—	14	—	—	7	
Renter-occupied housing units	601	365	331	34	19	—	15	236	81	85	70	
Married-couple families	114	46	46	—	—	—	—	68	16	26	26	
With own children under 18 years	85	28	28	—	—	—	—	57	16	26	15	
Families with female householder	313	224	215	9	—	—	9	89	30	46	13	
With own children under 18 years	272	183	174	9	—	—	9	89	30	46	13	
Householder worked in 1989	332	190	171	19	19	—	—	142	53	48	41	
With public assistance income	297	207	204	3	—	—	3	90	22	42	26	
With Social Security income	61	34	28	6	—	—	—	27	—	14	13	
Built 1939 or earlier	177	134	122	12	9	—	3	43	7	14	22	
Lacking complete plumbing facilities	3	—	—	—	—	—	—	3	—	—	3	
No vehicle available	208	129	126	3	—	—	3	79	14	47	18	
No telephone in unit	214	145	130	15	9	—	6	69	21	17	31	
1.01 or more persons per room	114	89	89	—	—	—	—	25	—	15	10	
MEDIAN HOUSEHOLD INCOME IN 1989												
Occupied housing units (dollars)	17 083	17 712	14 532	30 781	30 368	32 143	27 143	16 554	12 130	16 304	19 306	
Owner occupied (dollars)	24 708	29 500	24 483	36 316	35 804	37 955	36 750	21 810	17 969	22 404	22 935	
Renter occupied (dollars)	12 277	13 186	12 635	22 989	24 022	5 360	6 936	10 349	10 417	7 621	10 909	
Specified owner-occupied housing units	845	439	316	123	72	11	40	406	121	94	191	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
With a mortgage	528	340	249	91	49	11	31	188	65	57	66	
Less than \$200	13	—	—	—	—	—	—	13	11	—	2	
\$200 to \$299	33	11	6	5	5	—	—	22	5	—	17	
\$300 to \$399	57	22	22	—	—	—	—	35	13	8	14	
\$400 to \$499	105	75	44	31	7	11	13	30	5	16	9	
\$500 to \$599	134	92	68	24	20	—	4	42	14	13	15	
\$600 to \$699	80	47	35	12	8	—	4	33	17	14	2	
\$700 to \$799	42	40	31	9	9	—	—	2	—	—	2	
\$800 to \$899	35	32	30	2	—	—	—	3	—	—	3	
\$900 to \$999	20	12	4	8	—	—	2	8	—	6	2	
\$1,000 to \$1,249	—	—	—	—	—	—	—	—	—	—	—	
\$1,250 to \$1,499	9	9	9	—	—	—	—	—	—	—	—	
\$1,500 to \$1,999	—	—	—	—	—	—	—	—	—	—	—	
\$2,000 or more	—	—	—	—	—	—	—	—	—	—	—	
Median (dollars)	543	570	576	560	573	475	581	443	435	517	400	
Mean (dollars)	558	606	618	571	557	455	634	472	448	544	433	
Not mortgaged	317	99	67	32	23	—	9	218	56	37	125	
Less than \$100	53	4	—	4	—	—	4	49	8	9	32	
\$100 to \$199	177	52	38	14	14	—	—	125	35	20	70	
\$200 to \$299	67	26	15	11	9	—	2	41	13	8	20	
\$300 to \$399	17	14	14	—	—	—	—	3	—	—	3	
\$400 to \$499	3	3	—	3	—	—	3	—	—	—	—	
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	
Median (dollars)	150	188	191	143	141	—	263	138	145	160	130	
Mean (dollars)	169	213	224	188	166	—	244	149	159	158	141	
Specified renter-occupied housing units	1 209	788	645	143	110	6	27	421	137	137	147	
GROSS RENT												
Less than \$100	20	8	8	—	—	—	—	12	—	—	12	
\$100 to \$149	79	27	27	—	—	—	—	52	—	41	11	
\$150 to \$199	138	64	58	6	—	6	—	74	29	25	20	
\$200 to \$249	112	51	48	3	—	—	3	61	21	22	18	
\$250 to \$299	129	88	71	17	14	—	3	41	13	12	16	
\$300 to \$349	150	101	95	6	3	—	3	49	16	12	21	
\$350 to \$399	129	89	51	38	32	—	6	40	15	6	19	
\$400 to \$449	158	114	110	4	4	—	—	44	26	8	10	
\$450 to \$499	112	101	76	25	16	—	9	11	10	—	1	
\$500 to \$549	75	63	38	25	23	—	2	12	7	5	—	
\$550 to \$599	35	29	29	—	—	—	—	6	—	6	—	
\$600 to \$649	12	12	12	—	—	—	—	—	—	—	—	
\$650 to \$699	14	14	7	7	7	—	—	—	—	—	—	
\$700 to \$749	16	16	5	11	11	—	—	—	—	—	—	
\$750 to \$999	—	—	—	—	—	—	—	—	—	—	—	
\$1,000 or more	—	—	—	—	—	—	—	—	—	—	—	
No cash rent	30	11	10	1	—	—	1	19	—	—	19	
Median (dollars)	327	372	359	406	455	188	367	253	309	228	258	
Mean (dollars)	340	374	362	430	456	179	378	274	316	247	258	

DETAILED HOUSING CHARACTERISTICS

Table 48. Social and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	Inside metropolitan area							Outside metropolitan area			
	The State	Total		In central city		Not in central city			Urban, outside urbanized area		Rural
						Total	Urban				
							Inside urban- ized area	Outside urbanized area				Rural
Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural								
Occupied housing units	6 216	4 210	3 473	737	597	53	87	2 006	1 377	431	198
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	214	128	106	22	7	—	15	86	33	38	15
Owner occupied	119	60	47	13	—	—	13	59	15	29	15
1-person households	51	9	7	2	—	—	2	42	33	5	4
Built 1939 or earlier	41	28	28	—	—	—	—	13	9	—	4
Mean household income in 1989 (dollars)	21 279	27 790	27 745	28 008	7 260	—	37 690	11 587	6 573	14 076	16 312
Female householder, no husband present	77	40	31	9	7	—	2	37	24	9	4
Lacking complete plumbing facilities	—	—	—	—	—	—	—	—	—	—	—
No vehicle available	66	50	50	—	—	—	—	16	9	7	—
No telephone in unit	—	—	—	—	—	—	—	—	—	—	—
1-person households	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	210	132	105	27	25	—	2	78	38	29	11
Married-couple families	102	63	45	18	16	—	2	39	8	24	7
With own children under 18 years	63	41	23	18	16	—	2	22	—	17	5
Families with female householder	32	28	28	—	—	—	—	4	—	—	4
With own children under 18 years	28	24	24	—	—	—	—	4	—	—	4
Householder worked in 1989	110	92	65	27	25	—	2	18	15	—	3
With public assistance income	44	9	—	9	9	—	—	35	6	24	5
With Social Security income	30	5	5	—	—	—	—	25	15	10	—
Built 1939 or earlier	67	44	33	11	9	—	2	23	19	—	4
Lacking complete plumbing facilities	—	—	—	—	—	—	—	—	—	—	—
No vehicle available	16	—	—	—	—	—	—	16	—	14	2
No telephone in unit	2	2	—	2	—	—	2	—	—	—	—
1.01 or more persons per room	36	36	11	25	25	—	—	—	—	—	—
Renter-occupied housing units	1 776	1 166	1 083	83	71	10	2	610	475	119	16
Married-couple families	596	391	359	32	32	—	—	205	174	27	4
With own children under 18 years	432	302	272	30	30	—	—	130	99	27	4
Families with female householder	239	161	146	15	13	—	2	78	34	40	4
With own children under 18 years	179	110	108	2	—	—	2	69	29	36	4
Householder worked in 1989	975	608	574	34	28	4	2	367	255	100	12
With public assistance income	190	141	139	2	—	—	2	49	31	14	4
With Social Security income	53	38	31	7	7	—	—	15	6	5	4
Built 1939 or earlier	466	342	336	6	—	6	—	124	61	49	14
Lacking complete plumbing facilities	31	31	31	—	—	—	—	—	—	—	—
No vehicle available	476	315	290	25	15	10	—	161	141	18	2
No telephone in unit	202	138	128	10	—	10	—	64	21	41	2
1.01 or more persons per room	450	314	278	36	32	4	—	136	105	29	2
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	20 205	21 313	18 782	38 359	38 672	43 125	29 688	17 195	16 354	16 060	30 000
Owner occupied (dollars)	38 094	40 833	36 081	63 699	66 552	52 500	29 375	32 422	42 500	27 880	31 250
Renter occupied (dollars)	12 428	13 152	12 122	23 913	23 587	16 563	42 917	11 629	11 126	12 105	21 000
Specified owner-occupied housing units	1 757	1 249	964	285	231	13	41	508	304	105	99
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	1 433	1 025	767	258	206	13	39	408	244	96	68
Less than \$200	—	—	—	—	—	—	—	—	—	—	—
\$200 to \$299	36	19	19	—	—	—	—	17	—	9	8
\$300 to \$399	94	57	44	13	6	—	7	37	7	18	12
\$400 to \$499	216	134	132	2	—	—	2	82	32	43	7
\$500 to \$599	189	146	132	14	12	—	2	43	24	8	11
\$600 to \$699	185	130	117	13	13	—	—	55	43	8	4
\$700 to \$799	130	89	66	23	19	2	2	41	27	6	8
\$800 to \$899	132	107	54	53	42	—	11	25	16	4	5
\$900 to \$999	127	114	80	34	34	—	—	13	5	—	8
\$1,000 to \$1,249	123	70	50	20	14	6	—	53	49	—	4
\$1,250 to \$1,499	71	48	33	15	12	—	3	23	22	—	1
\$1,500 to \$1,999	67	53	27	26	21	5	—	14	14	—	—
\$2,000 or more	63	58	13	45	33	—	12	5	5	—	—
Median (dollars)	698	752	637	952	952	1 188	880	656	763	471	567
Mean (dollars)	837	876	762	1 215	1 190	1 279	1 329	740	878	482	610
Not mortgaged	324	224	197	27	25	—	2	100	60	9	31
Less than \$100	5	—	—	—	—	—	—	5	—	—	5
\$100 to \$199	111	65	65	—	—	—	—	46	32	5	9
\$200 to \$299	123	101	99	2	—	—	2	22	9	4	9
\$300 to \$399	40	33	33	—	—	—	—	7	—	—	7
\$400 to \$499	19	12	—	12	12	—	—	7	7	—	—
\$500 or more	26	13	—	13	13	—	—	13	12	—	1
Median (dollars)	240	244	232	448	500+	—	275	199	197	145	215
Mean (dollars)	270	271	241	490	506	—	290	268	299	185	232
Specified renter-occupied housing units	4 035	2 687	2 337	350	308	31	11	1 348	1 011	278	59
GROSS RENT											
Less than \$100	19	12	8	4	—	4	—	7	7	—	—
\$100 to \$149	122	67	65	2	—	—	2	55	45	8	2
\$150 to \$199	393	187	184	3	—	—	3	206	176	21	9
\$200 to \$249	437	336	290	46	37	7	2	101	38	45	18
\$250 to \$299	637	342	322	20	20	—	—	295	193	98	4
\$300 to \$349	646	457	434	23	17	6	—	189	153	29	7
\$350 to \$399	563	379	334	45	43	—	2	184	135	49	—
\$400 to \$449	398	299	255	44	44	—	—	99	72	21	6
\$450 to \$499	310	210	152	58	56	—	2	100	91	7	2
\$500 to \$549	136	90	49	41	27	14	—	46	46	—	—
\$550 to \$599	127	101	64	37	37	—	—	26	23	—	3
\$600 to \$649	65	36	25	11	11	—	—	29	29	—	—
\$650 to \$699	33	33	33	—	—	—	—	—	—	—	—
\$700 to \$749	12	12	6	6	6	—	—	—	—	—	—
\$750 to \$999	9	9	9	—	—	—	—	—	—	—	—
\$1,000 or more	31	28	28	—	—	—	—	3	3	—	—
No cash rent	97	89	79	10	10	—	—	8	—	—	8
Median (dollars)	324	337	326	429	435	319	206	301	313	279	241
Mean (dollars)	346	360	351	417	428	372	257	318	327	293	278

Table 49. **Social and Financial Characteristics of Housing Units With an Hispanic Origin Householder: 1990**

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	Inside metropolitan area							Outside metropolitan area				
	The State	In central city			Not in central city				Urban, outside urbanized area			Rural
					Total	Urban		Rural				
		Total	Inside urbanized area	Outside urbanized area		Place of 10,000 or more	Place of 2,500 to 9,999					
Occupied housing units	7 657	4 751	3 679	1 072	763	120	189	2 906	1 376	718	812	
HOUSEHOLDER 65 YEARS AND OVER												
Occupied housing units	836	543	430	113	73	7	33	293	80	100	113	
Owner occupied	629	397	307	90	56	7	27	232	58	74	100	
1-person households	392	239	185	54	23	7	24	153	39	63	51	
Built 1939 or earlier	406	245	217	28	13	—	15	161	59	54	48	
Mean household income in 1989 (dollars)	18 147	19 812	21 403	13 759	16 051	—	11 605	15 060	13 008	18 174	13 757	
Female householder, no husband present	327	205	160	45	23	—	22	122	31	49	42	
Lacking complete plumbing facilities	9	2	2	—	—	—	—	7	—	—	7	
No vehicle available	279	169	146	23	19	—	4	110	39	42	29	
No telephone in unit	72	34	34	—	—	—	—	38	14	18	6	
1-person households	41	12	12	—	—	—	—	29	14	11	4	
HOUSEHOLDS BELOW POVERTY LEVEL												
Owner-occupied housing units	345	184	126	58	33	7	18	161	73	23	65	
Married-couple families	121	60	45	15	13	—	2	61	31	7	23	
With own children under 18 years	86	42	31	11	9	—	2	44	16	7	21	
Families with female householder	79	47	32	15	13	—	2	32	18	—	14	
With own children under 18 years	55	35	20	15	13	—	2	20	12	—	8	
Householder worked in 1989	181	91	67	24	9	—	15	90	31	18	41	
With public assistance income	86	32	32	—	—	—	—	54	15	11	28	
With Social Security income	84	38	17	21	7	—	14	46	18	11	17	
Built 1939 or earlier	148	96	73	23	7	—	16	52	19	11	22	
Lacking complete plumbing facilities	6	—	—	—	—	—	—	6	—	—	6	
No vehicle available	83	39	22	17	14	—	3	44	18	11	15	
No telephone in unit	27	21	21	—	—	—	—	6	—	—	6	
1.01 or more persons per room	14	—	—	—	—	—	—	14	4	—	10	
Renter-occupied housing units	1 349	753	663	90	62	—	28	596	317	154	125	
Married-couple families	278	84	60	24	19	—	5	194	104	54	36	
With own children under 18 years	240	79	55	24	19	—	5	161	97	33	31	
Families with female householder	479	296	280	16	7	—	9	183	91	51	41	
With own children under 18 years	463	282	266	16	7	—	9	181	91	51	39	
Householder worked in 1989	854	446	369	77	52	—	25	408	230	90	88	
With public assistance income	516	254	236	18	10	—	8	262	154	67	41	
With Social Security income	165	114	104	10	—	—	10	51	29	13	9	
Built 1939 or earlier	554	226	207	19	9	—	10	328	172	105	51	
Lacking complete plumbing facilities	16	—	—	—	—	—	—	16	—	—	4	
No vehicle available	386	211	183	28	28	—	—	175	113	38	24	
No telephone in unit	460	215	185	30	23	—	7	245	141	48	56	
1.01 or more persons per room	184	87	77	10	10	—	—	97	37	49	11	
MEDIAN HOUSEHOLD INCOME IN 1989												
Occupied housing units (dollars)	21 860	23 625	21 401	31 194	31 766	31 471	27 361	20 293	19 318	19 821	22 097	
Owner occupied (dollars)	30 695	32 698	31 913	34 618	38 810	30 625	29 773	28 002	28 393	28 867	26 196	
Renter occupied (dollars)	15 749	16 034	15 179	24 886	22 312	40 104	20 469	15 150	14 375	12 475	18 864	
Specified owner-occupied housing units	3 184	2 069	1 551	518	417	35	66	1 115	542	256	317	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
With a mortgage	2 308	1 594	1 205	389	314	23	52	714	346	187	181	
Less than \$200	14	3	—	3	—	—	3	11	—	—	11	
\$200 to \$299	98	56	54	2	2	—	2	42	21	8	13	
\$300 to \$399	365	185	170	15	8	5	2	180	99	40	41	
\$400 to \$499	497	314	245	69	61	—	8	183	91	46	46	
\$500 to \$599	423	274	219	55	33	5	17	149	77	38	34	
\$600 to \$699	283	234	164	70	64	—	6	49	27	14	8	
\$700 to \$799	179	121	102	19	9	6	4	58	26	6	26	
\$800 to \$899	173	148	94	54	47	7	7	25	—	—	—	
\$900 to \$999	75	65	42	23	23	—	—	10	5	5	—	
\$1,000 to \$1,249	126	126	83	43	37	—	6	—	—	—	—	
\$1,250 to \$1,499	55	48	19	29	25	—	4	7	—	5	2	
\$1,500 to \$1,999	20	20	13	7	7	—	—	—	—	—	—	
\$2,000 or more	—	—	—	—	—	—	—	—	—	—	—	
Median (dollars)	541	589	561	683	691	755	567	471	457	499	467	
Mean (dollars)	604	653	617	762	787	678	649	496	472	555	481	
Not mortgaged	876	475	346	129	103	12	14	401	196	69	136	
Less than \$100	39	—	—	—	—	—	—	39	8	7	24	
\$100 to \$199	465	236	169	67	59	—	8	229	117	43	69	
\$200 to \$299	279	179	122	57	39	12	6	100	56	7	37	
\$300 to \$399	66	45	45	—	—	—	—	21	15	—	6	
\$400 to \$499	18	11	6	5	5	—	—	7	—	—	—	
\$500 or more	9	4	4	—	—	—	—	5	—	—	5	
Median (dollars)	190	201	202	198	192	243	183	178	183	169	175	
Mean (dollars)	206	218	223	204	202	232	194	192	194	213	179	
Specified renter-occupied housing units	3 891	2 412	1 990	422	299	65	58	1 479	764	395	320	
GROSS RENT												
Less than \$100	50	19	17	2	—	—	2	31	24	5	2	
\$100 to \$149	151	90	78	12	7	—	5	61	10	29	22	
\$150 to \$199	278	106	106	—	—	—	—	172	103	45	24	
\$200 to \$249	437	240	209	31	8	7	16	197	109	48	40	
\$250 to \$299	506	326	293	33	7	3	23	180	89	28	63	
\$300 to \$349	605	332	276	56	44	9	3	273	128	79	66	
\$350 to \$399	551	354	308	46	38	8	—	197	125	40	32	
\$400 to \$449	455	324	267	57	51	—	6	131	65	39	27	
\$450 to \$499	254	192	150	42	42	—	—	62	45	6	11	
\$500 to \$549	138	106	73	33	26	7	—	32	20	7	5	
\$550 to \$599	99	61	54	7	7	—	—	38	16	19	3	
\$600 to \$649	110	71	41	30	9	21	—	39	18	21	—	
\$650 to \$699	68	61	24	37	27	10	—	7	7	—	—	
\$700 to \$749	26	24	16	8	8	—	—	2	—	—	2	
\$750 to \$999	76	69	54	15	15	—	—	7	—	7	—	
\$1,000 or more	23	20	10	10	10	—	—	3	—	—	3	
No cash rent	64	17	14	3	—	—	3	47	5	22	20	
Median (dollars)	340	362	351	415	430	539	261	311	314	315	299	
Mean (dollars)	361	385	367	470	502	492	265	321	321	333	307	

DETAILED HOUSING CHARACTERISTICS

Table 52. Household Income Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	Inside metropolitan area							Outside metropolitan area			
	The State	Total		In central city		Not in central city			Urban, outside urbanized area		Rural
						Total	Urban				
							Inside urban- ized area	Outside urbanized area				Rural
Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural								
Specified owner-occupied housing units.....	5 522	4 678	4 457	221	181	—	40	844	718	28	98
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	5 522	4 678	4 457	221	181	—	40	844	718	28	98
Less than 10 percent.....	940	787	778	9	8	—	1	153	122	9	22
10 to 14 percent.....	1 017	836	771	65	50	—	15	181	153	5	23
15 to 19 percent.....	767	729	681	48	35	—	13	188	155	5	28
20 to 24 percent.....	427	670	593	77	74	—	3	97	77	5	15
25 to 29 percent.....	304	336	333	3	—	—	3	91	88	—	3
30 to 34 percent.....	503	271	264	7	7	—	—	33	33	—	—
35 to 49 percent.....	579	464	458	6	1	—	5	39	33	4	2
50 percent or more.....	68	538	532	6	6	—	—	41	36	—	5
Not computed.....	19.2	47	47	—	—	—	—	21	21	—	—
Median.....	2 042	1 766	1 752	14	14	—	16.5	17.1	17.4	15.0	15.7
Less than \$20,000.....	339	262	262	—	—	—	—	276	255	9	12
Less than 20 percent.....	261	262	223	8	8	—	—	77	69	5	3
20 to 24 percent.....	247	201	201	—	—	—	—	30	29	—	1
25 to 29 percent.....	186	160	160	—	—	—	—	46	43	—	3
30 to 34 percent.....	941	865	859	6	6	—	—	26	26	—	—
35 percent or more.....	68	47	47	—	—	—	—	76	67	4	5
Not computed.....	33.8	35.2	35.3	24.4	24.4	—	—	21	21	—	—
Median.....	1 364	1 103	1 081	22	15	—	7	27.2	27.2	14.5	28.3
\$20,000 to \$34,999.....	339	576	569	7	6	—	1	261	234	—	27
Less than 20 percent.....	226	201	190	11	8	—	3	180	161	—	19
20 to 24 percent.....	247	114	111	3	—	—	3	25	19	—	6
25 to 29 percent.....	102	95	95	—	—	—	—	45	45	—	—
30 to 34 percent.....	121	117	116	1	1	—	—	7	7	—	2
35 percent or more.....	—	—	—	—	—	—	—	4	2	—	—
Not computed.....	17.8	19.0	18.9	21.8	20.9	—	24.2	14.5	14.8	—	13.0
Median.....	614	750	702	48	48	—	—	164	114	10	40
\$35,000 to \$49,999.....	972	544	529	15	15	—	—	128	91	5	32
Less than 20 percent.....	204	168	135	33	33	—	—	36	23	5	8
20 to 24 percent.....	21	21	21	—	—	—	—	—	—	—	—
25 to 29 percent.....	9	9	9	—	—	—	—	—	—	—	—
30 to 34 percent.....	8	8	8	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	15.8	15.5	15.0	21.4	21.4	—	—	16.6	16.5	20.0	15.7
Median.....	1 202	1 059	922	137	104	—	33	143	115	9	19
\$50,000 or more.....	1 107	970	870	100	72	—	28	137	109	9	19
Less than 20 percent.....	76	70	45	25	25	—	—	6	6	—	—
20 to 24 percent.....	—	—	—	—	—	—	—	—	—	—	—
25 to 29 percent.....	7	7	—	7	7	—	—	—	—	—	—
30 to 34 percent.....	12	12	7	5	—	—	5	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	12.4	12.5	11.8	16.2	16.4	—	15.6	12.0	12.0	10.0	15.2
Median.....											
Specified renter-occupied housing units.....	9 441	8 100	7 725	375	333	20	22	1 341	1 115	156	70
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	9 441	8 100	7 725	375	333	20	22	1 341	1 115	156	70
Less than 10 percent.....	295	183	172	11	11	—	—	112	69	35	8
10 to 14 percent.....	949	786	732	54	43	9	2	163	120	22	21
15 to 19 percent.....	1 239	1 089	986	103	85	7	11	150	96	48	6
20 to 24 percent.....	1 006	898	839	59	59	—	—	108	100	—	8
25 to 29 percent.....	914	798	755	43	35	—	8	116	100	16	—
30 to 34 percent.....	817	726	703	23	23	—	—	91	72	17	2
35 to 49 percent.....	1 135	980	956	24	24	—	—	155	136	14	5
50 percent or more.....	2 702	2 319	2 265	54	53	—	1	383	369	—	14
Not computed.....	384	321	317	4	—	4	—	63	53	4	6
Median.....	30.8	30.9	31.6	21.5	22.3	14.4	19.1	29.6	33.2	17.0	17.5
Less than \$10,000.....	4 278	3 697	3 629	68	63	4	1	581	526	37	18
Less than 20 percent.....	166	135	128	7	7	—	—	31	17	14	—
20 to 24 percent.....	209	191	191	—	—	—	—	18	18	—	—
25 to 29 percent.....	281	260	260	—	—	—	—	21	15	6	—
30 to 34 percent.....	261	224	224	—	—	—	—	37	28	9	—
35 percent or more.....	3 029	2 610	2 553	57	56	—	1	419	395	8	16
Not computed.....	332	277	273	4	—	4	—	55	53	—	2
Median.....	50.0+	50.0+	50.0+	50.0+	50.0+	—	50.0+	50.0+	50.0+	28.8	50.0+
\$10,000 to \$19,999.....	2 374	2 022	1 921	101	101	—	—	352	288	43	21
Less than 20 percent.....	412	350	340	10	10	—	—	62	41	15	6
20 to 24 percent.....	358	321	302	19	19	—	—	37	29	—	8
25 to 29 percent.....	379	296	268	28	28	—	—	83	73	10	—
30 to 34 percent.....	424	370	347	23	23	—	—	54	44	8	2
35 percent or more.....	782	672	651	21	21	—	—	110	101	6	3
Not computed.....	19	13	13	—	—	—	—	6	—	4	2
Median.....	30.3	30.5	30.6	28.8	28.8	—	—	29.5	30.1	27.2	22.2
\$20,000 to \$34,999.....	1 855	1 617	1 495	122	93	16	13	238	185	35	18
Less than 20 percent.....	1 053	889	822	67	46	16	5	164	111	35	18
20 to 24 percent.....	414	361	321	40	40	—	—	53	53	—	—
25 to 29 percent.....	227	215	200	15	7	—	8	12	12	—	—
30 to 34 percent.....	119	119	119	—	—	—	—	—	—	—	—
35 percent or more.....	26	17	17	—	—	—	—	9	9	—	—
Not computed.....	16	16	16	—	—	—	—	—	—	—	—
Median.....	19.0	19.3	19.3	19.3	20.1	14.4	25.9	17.0	18.3	15.4	12.2
\$35,000 or more.....	934	764	680	84	76	—	8	170	116	41	13
Less than 20 percent.....	852	684	600	84	76	—	8	168	116	41	11
20 to 24 percent.....	25	25	25	—	—	—	—	—	—	—	—
25 to 29 percent.....	27	27	27	—	—	—	—	—	—	—	—
30 to 34 percent.....	13	13	13	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	17	15	15	—	—	—	—	2	—	—	2
Median.....	12.7	13.2	13.1	15.0	14.4	—	17.5	10.4	10.6	10.3	10.0

Table 53. Household Income Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city			Rural	Total	Urban, outside urbanized area		Rural
				Total	Urban				Place of 10,000 or more	Place of 2,500 to 9,999	
					Inside urbanized area	Outside urbanized area					
Specified owner-occupied housing units.....	845	439	316	123	72	11	40	406	121	94	191
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	845	439	316	123	72	11	40	406	121	94	191
Less than 10 percent.....	169	41	20	21	14	—	7	128	34	13	81
10 to 14 percent.....	131	71	37	34	19	11	4	60	21	8	31
15 to 19 percent.....	153	78	48	30	25	—	5	75	32	20	23
20 to 24 percent.....	103	83	60	23	9	—	14	20	—	9	11
25 to 29 percent.....	87	53	46	7	—	—	7	34	—	21	13
30 to 34 percent.....	40	11	11	—	—	—	—	29	10	8	11
35 to 49 percent.....	68	46	43	3	—	—	—	22	10	12	11
50 percent or more.....	89	51	46	5	5	—	—	38	14	15	9
Not computed.....	5	5	5	—	—	—	—	—	—	—	—
Median.....	18.9	21.6	24.2	16.1	15.6	12.5	21.4	16.0	15.9	23.3	12.3
Less than \$20,000.....	306	138	118	20	8	—	12	168	38	40	90
Less than 20 percent.....	81	22	17	5	3	—	2	59	14	—	45
20 to 24 percent.....	25	9	7	—	—	—	—	16	—	9	7
25 to 29 percent.....	39	14	7	7	—	—	7	25	—	16	9
30 to 34 percent.....	11	—	—	—	—	—	—	11	—	—	11
35 percent or more.....	145	88	80	8	5	—	3	57	24	15	18
Not computed.....	5	5	5	—	—	—	—	—	—	—	—
Median.....	32.5	42.2	43.8	28.6	50.0+	—	27.9	26.8	45.0	28.4	20.0
\$20,000 to \$34,999.....	285	132	101	31	27	—	4	153	57	35	61
Less than 20 percent.....	175	56	27	29	27	—	2	119	47	22	50
20 to 24 percent.....	30	26	24	2	—	—	2	4	—	—	4
25 to 29 percent.....	39	30	30	—	—	—	—	9	—	5	4
30 to 34 percent.....	29	11	11	—	—	—	—	18	10	8	—
35 percent or more.....	12	9	9	—	—	—	—	3	—	—	3
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	16.3	21.9	24.9	10.0-	10.0-	—	15.0	12.8	15.1	17.2	10.0-
\$35,000 to \$49,999.....	141	106	62	44	23	11	10	35	13	—	22
Less than 20 percent.....	100	65	35	30	14	11	5	35	13	—	22
20 to 24 percent.....	41	—	—	14	9	—	5	—	—	—	—
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	17.5	18.7	19.3	17.6	19.1	12.5	20.0	11.9	15.4	—	11.3
\$50,000 or more.....	113	63	35	28	14	—	14	50	13	19	18
Less than 20 percent.....	97	47	26	21	14	—	7	50	13	19	18
20 to 24 percent.....	7	7	7	7	—	—	—	—	—	—	—
25 to 29 percent.....	9	9	9	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	12.3	13.0	12.9	13.2	12.7	—	17.5	10.0	10.9	16.0	10.0-
Specified renter-occupied housing units.....	1 209	788	645	143	110	6	27	421	137	137	147
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	1 209	788	645	143	110	6	27	421	137	137	147
Less than 10 percent.....	64	42	36	6	—	—	6	22	6	7	9
10 to 14 percent.....	81	36	23	13	13	—	—	45	—	26	19
15 to 19 percent.....	160	108	88	20	20	—	—	52	20	13	19
20 to 24 percent.....	158	130	91	39	39	—	—	28	13	6	9
25 to 29 percent.....	146	81	61	20	11	6	3	65	24	21	20
30 to 34 percent.....	100	58	54	4	4	—	—	42	26	6	10
35 to 49 percent.....	152	107	93	14	14	—	—	45	14	18	13
50 percent or more.....	305	209	189	20	9	—	11	96	27	40	29
Not computed.....	43	17	10	7	—	—	7	26	7	—	19
Median.....	29.1	29.3	31.7	23.7	22.8	27.5	50.0+	28.9	30.4	28.9	27.0
Less than \$10,000.....	515	308	264	44	23	6	15	207	65	74	68
Less than 20 percent.....	6	—	—	—	—	—	—	6	—	—	6
20 to 24 percent.....	26	22	22	—	—	—	—	4	—	—	4
25 to 29 percent.....	59	17	11	6	—	6	—	42	12	21	9
30 to 34 percent.....	31	19	19	—	—	—	—	12	10	—	2
35 percent or more.....	364	234	202	32	23	—	9	130	36	53	41
Not computed.....	29	16	10	6	—	—	6	13	7	—	6
Median.....	50.0+	50.0+	50.0+	49.3	48.2	27.5	50.0+	49.6	47.8	50.0+	48.0
\$10,000 to \$19,999.....	351	239	219	20	15	—	5	112	40	29	43
Less than 20 percent.....	66	21	21	—	—	—	—	45	14	18	13
20 to 24 percent.....	56	47	47	—	—	—	—	9	—	6	3
25 to 29 percent.....	73	50	36	14	11	—	3	23	12	—	11
30 to 34 percent.....	56	39	35	4	4	—	—	17	9	—	8
35 percent or more.....	93	82	80	2	—	—	2	11	5	5	1
Not computed.....	7	—	—	—	—	—	—	7	—	—	7
Median.....	28.4	30.2	30.8	28.6	28.4	—	29.2	24.2	27.5	17.5	25.9
\$20,000 to \$34,999.....	217	130	94	36	36	—	—	87	26	28	33
Less than 20 percent.....	126	73	58	15	15	—	—	53	6	22	25
20 to 24 percent.....	58	43	22	21	21	—	—	15	13	—	2
25 to 29 percent.....	14	14	14	—	—	—	—	—	—	—	—
30 to 34 percent.....	13	—	—	—	—	—	—	13	7	6	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	6	—	—	—	—	—	—	6	—	—	6
Median.....	18.9	19.5	19.1	20.7	20.7	—	—	17.2	22.7	14.4	14.3
\$35,000 or more.....	126	111	68	43	36	—	7	15	6	6	3
Less than 20 percent.....	107	92	68	24	18	—	6	15	6	6	3
20 to 24 percent.....	18	18	—	18	18	—	—	—	—	—	—
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	1	1	—	1	—	—	1	—	—	—	—
Median.....	11.9	12.3	10.0-	17.0	20.0	—	10.0-	10.3	10.0-	12.5	11.3

Table 54. Household Income Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city			Rural	Total	Urban, outside urbanized area		Rural
				Total	Urban				Place of 10,000 or more	Place of 2,500 to 9,999	
					Inside urbanized area	Outside urbanized area					
Specified owner-occupied housing units	1 757	1 249	964	285	231	13	41	508	304	105	99
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	1 757	1 249	964	285	231	13	41	508	304	105	99
Less than 10 percent	258	184	159	25	25	—	—	74	37	10	27
10 to 14 percent	353	235	134	101	92	—	9	118	83	18	17
15 to 19 percent	381	312	264	48	33	—	15	69	31	20	18
20 to 24 percent	318	227	176	51	29	13	9	91	46	33	12
25 to 29 percent	128	103	83	20	14	—	6	25	14	2	9
30 to 34 percent	105	57	35	22	22	—	—	48	38	—	10
35 to 49 percent	98	39	37	2	—	—	2	59	55	—	4
50 percent or more	94	75	59	16	16	—	—	19	—	17	2
Not computed	22	17	17	—	—	—	—	5	—	5	—
Median	18.4	18.2	18.4	16.7	14.9	22.5	18.8	19.3	20.1	20.3	16.5
Less than \$20,000	282	187	169	18	16	—	2	95	42	36	17
Less than 20 percent	45	41	41	—	—	—	—	4	—	—	4
20 to 24 percent	33	16	16	—	—	—	—	17	3	12	2
25 to 29 percent	15	11	11	—	—	—	—	4	—	2	2
30 to 34 percent	18	9	9	—	—	—	—	9	6	—	3
35 percent or more	149	93	75	18	16	—	2	56	33	17	6
Not computed	22	17	17	—	—	—	—	5	—	5	—
Median	40.0	40.9	34.4	50.0+	50.0+	—	37.5	39.6	40.9	50.0+	30.8
\$20,000 to \$34,999	443	305	272	33	20	—	13	138	68	28	42
Less than 20 percent	169	129	127	2	—	—	2	40	9	11	20
20 to 24 percent	125	74	65	9	—	—	9	51	26	17	8
25 to 29 percent	65	44	37	7	5	—	2	21	14	—	7
30 to 34 percent	52	37	22	15	15	—	—	15	8	—	7
35 percent or more	32	21	21	—	—	—	—	11	11	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	22.1	21.6	20.7	28.9	31.7	—	22.5	22.8	24.8	20.9	20.6
\$35,000 to \$49,999	323	234	204	30	28	2	—	89	53	27	9
Less than 20 percent	203	137	125	12	12	—	—	66	34	23	9
20 to 24 percent	77	64	54	10	8	2	—	13	9	4	—
25 to 29 percent	33	33	25	8	8	—	—	—	—	—	—
30 to 34 percent	10	—	—	—	—	—	—	10	10	—	—
35 percent or more	—	—	—	—	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	17.8	18.4	18.1	21.5	21.3	22.5	—	16.6	18.4	14.0	10.0-
\$50,000 or more	709	523	319	204	167	11	26	186	141	14	31
Less than 20 percent	575	424	264	160	138	—	22	151	108	14	29
20 to 24 percent	83	73	41	32	21	11	—	10	8	—	2
25 to 29 percent	15	15	10	5	1	—	4	—	—	—	—
30 to 34 percent	25	11	4	7	7	—	—	14	14	—	—
35 percent or more	11	—	—	—	—	—	—	11	11	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	13.8	14.3	14.1	14.4	13.7	22.5	17.0	12.7	12.9	15.6	10.0-
Specified renter-occupied housing units	4 035	2 687	2 337	350	308	31	11	1 348	1 011	278	59
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	4 035	2 687	2 337	350	308	31	11	1 348	1 011	278	59
Less than 10 percent	209	147	126	21	14	4	3	62	43	8	11
10 to 14 percent	556	372	275	97	83	14	—	184	92	77	15
15 to 19 percent	413	266	222	44	40	—	4	147	117	22	8
20 to 24 percent	447	278	242	36	27	7	2	169	138	31	—
25 to 29 percent	347	240	213	27	27	—	—	107	99	6	2
30 to 34 percent	230	168	133	35	33	—	2	62	57	5	—
35 to 49 percent	450	272	248	24	24	—	—	178	115	58	5
50 percent or more	814	559	533	26	26	—	—	255	191	56	8
Not computed	569	385	345	40	34	6	—	184	159	15	10
Median	26.6	26.8	28.1	19.2	20.0	13.0	18.1	25.9	26.8	24.0	14.5
Less than \$10,000	1 566	985	924	61	51	6	4	581	448	123	10
Less than 20 percent	20	20	18	2	—	—	2	—	—	—	—
20 to 24 percent	42	18	18	—	—	—	—	24	24	—	—
25 to 29 percent	26	10	10	—	—	—	—	16	16	—	—
30 to 34 percent	29	11	9	2	—	—	2	18	13	5	—
35 percent or more	963	616	589	27	27	—	—	347	236	103	8
Not computed	486	310	280	30	24	6	—	176	159	15	2
Median	50.0+	50.0+	50.0+	50.0+	50.0+	—	25.0	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999	1 087	738	651	87	76	11	—	349	262	67	20
Less than 20 percent	180	90	83	7	3	4	—	90	50	30	10
20 to 24 percent	186	119	112	7	—	7	—	67	47	20	—
25 to 29 percent	232	154	133	21	21	—	—	78	70	6	2
30 to 34 percent	179	151	124	27	27	—	—	28	28	—	—
35 percent or more	281	198	175	23	23	—	—	83	67	11	5
Not computed	29	26	24	2	2	—	—	3	—	—	3
Median	28.5	29.8	29.5	31.4	32.4	21.1	—	26.0	27.4	20.9	19.1
\$20,000 to \$34,999	935	637	547	90	86	—	4	298	230	52	16
Less than 20 percent	553	370	329	41	39	—	2	183	131	41	11
20 to 24 percent	212	134	105	29	27	—	2	78	67	11	—
25 to 29 percent	89	76	70	6	6	—	—	13	13	—	—
30 to 34 percent	22	6	6	6	6	—	—	16	16	—	—
35 percent or more	5	2	2	—	—	—	—	3	3	—	—
Not computed	54	49	41	8	8	—	—	5	—	—	5
Median	17.5	17.5	17.2	20.0	20.0	—	20.0	17.6	18.9	13.2	12.5
\$35,000 or more	447	327	215	112	95	14	3	120	71	36	13
Less than 20 percent	425	305	193	112	95	14	3	120	71	36	13
20 to 24 percent	7	7	7	—	—	—	—	—	—	—	—
25 to 29 percent	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent	—	—	—	—	—	—	—	—	—	—	—
35 percent or more	15	15	15	—	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—
Median	11.2	11.3	10.0	12.7	12.8	12.5	10.0-	11.1	11.2	11.8	10.0-

Table 55. Household Income Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	Inside metropolitan area							Outside metropolitan area			
	The State	Total		Not in central city			Rural	Total	Urban, outside urbanized area		Rural
				In central city	Urban				Place of 10,000 or more	Place of 2,500 to 9,999	
					Total	Inside urbanized area						Outside urbanized area
Specified owner-occupied housing units.....	3 184	2 069	1 551	518	417	35	66	1 115	542	256	317
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	3 184	2 069	1 551	518	417	35	66	1 115	542	256	317
Less than 10 percent.....	523	245	181	64	55	—	9	278	177	34	67
10 to 14 percent.....	611	392	311	81	63	5	13	219	86	56	77
15 to 19 percent.....	666	465	351	114	88	13	13	201	86	66	49
20 to 24 percent.....	415	289	227	62	56	—	6	126	58	28	40
25 to 29 percent.....	266	193	131	62	52	—	10	73	34	8	31
30 to 34 percent.....	174	99	79	20	15	5	—	75	29	32	14
35 to 49 percent.....	230	180	124	56	40	5	11	50	11	25	14
50 percent or more.....	272	179	134	45	41	—	4	93	61	7	25
Not computed.....	27	27	13	14	7	7	—	—	—	—	—
Median.....	18.3	19.1	18.9	19.7	19.9	18.5	19.2	16.5	15.5	17.9	16.5
Less than \$20,000.....	915	571	427	144	116	12	16	344	139	88	117
Less than 20 percent.....	167	93	66	27	23	—	4	74	11	32	31
20 to 24 percent.....	98	53	48	5	5	—	—	45	30	—	15
25 to 29 percent.....	112	78	58	20	15	—	5	34	8	6	20
30 to 34 percent.....	78	28	23	5	5	—	—	50	18	18	14
35 percent or more.....	433	292	219	73	61	5	7	141	72	32	37
Not computed.....	27	27	13	14	7	7	—	—	—	—	—
Median.....	34.3	36.2	36.0	36.9	37.5	37.5	29.0	31.9	36.8	31.7	28.1
\$20,000 to \$34,999.....	919	558	458	100	65	15	20	361	191	67	103
Less than 20 percent.....	167	93	66	27	23	—	4	74	11	32	31
20 to 24 percent.....	140	98	74	24	18	—	6	42	23	11	8
25 to 29 percent.....	97	62	54	8	5	—	3	35	26	2	7
30 to 34 percent.....	75	50	45	5	—	5	—	25	11	14	—
35 percent or more.....	49	47	34	13	13	—	—	2	—	—	2
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	17.9	19.1	19.0	20.0	21.0	17.5	19.2	16.3	17.1	14.9	15.3
\$35,000 to \$49,999.....	724	489	360	129	106	—	23	235	132	45	58
Less than 20 percent.....	547	345	277	68	55	—	13	202	127	38	37
20 to 24 percent.....	116	87	61	26	26	—	—	29	5	7	17
25 to 29 percent.....	25	21	11	10	8	—	2	4	—	—	4
30 to 34 percent.....	21	21	11	10	10	—	—	—	—	—	—
35 percent or more.....	15	15	—	15	7	—	8	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	14.9	16.4	15.4	19.5	19.7	—	17.5	11.6	10.0—	16.8	13.8
\$50,000 or more.....	626	451	306	145	130	8	7	175	80	56	39
Less than 20 percent.....	528	363	249	114	99	8	7	165	80	46	39
20 to 24 percent.....	61	51	44	7	7	—	—	10	—	10	—
25 to 29 percent.....	32	—	8	24	24	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	5	5	5	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—	—
Median.....	14.5	15.8	15.6	16.2	16.3	17.5	12.5	10.3	10.0—	12.5	11.7
Specified renter-occupied housing units.....	3 891	2 412	1 990	422	299	65	58	1 479	764	395	320
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels.....	3 891	2 412	1 990	422	299	65	58	1 479	764	395	320
Less than 10 percent.....	244	121	95	26	15	—	11	123	64	36	23
10 to 14 percent.....	498	309	262	47	31	12	4	189	93	30	66
15 to 19 percent.....	585	341	230	111	68	27	16	244	124	71	49
20 to 24 percent.....	447	252	195	57	44	13	—	195	87	62	46
25 to 29 percent.....	386	291	249	42	29	3	10	95	47	20	28
30 to 34 percent.....	292	203	174	29	27	—	2	89	61	23	5
35 to 49 percent.....	471	290	258	32	28	4	—	181	105	44	32
50 percent or more.....	828	547	478	69	57	—	12	281	165	65	51
Not computed.....	140	58	49	9	—	6	3	82	18	44	20
Median.....	26.3	27.6	28.8	22.0	24.0	18.2	18.9	23.7	25.5	23.1	21.3
Less than \$10,000.....	1 267	762	665	97	70	—	27	505	266	148	91
Less than 20 percent.....	37	11	7	4	—	—	4	26	12	12	2
20 to 24 percent.....	33	14	14	—	—	—	—	19	5	—	14
25 to 29 percent.....	77	57	47	10	—	—	10	20	8	8	4
30 to 34 percent.....	55	38	38	—	—	—	—	17	4	12	1
35 percent or more.....	985	606	524	82	70	—	12	379	224	89	66
Not computed.....	80	36	35	1	—	—	1	44	13	27	4
Median.....	50.0+	50.0+	50.0+	50.0+	50.0+	—	29.5	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999.....	1 120	675	600	75	61	10	4	445	259	93	93
Less than 20 percent.....	206	106	99	7	—	7	—	100	72	13	15
20 to 24 percent.....	201	72	63	9	9	—	—	129	63	37	29
25 to 29 percent.....	196	140	127	13	10	3	—	56	25	12	19
30 to 34 percent.....	209	146	117	29	27	—	2	63	48	11	4
35 percent or more.....	288	205	190	15	15	—	—	83	46	20	17
Not computed.....	20	6	4	2	—	—	2	14	5	—	9
Median.....	28.6	30.6	30.4	31.3	32.1	18.6	32.5	24.5	24.4	24.5	24.7
\$20,000 to \$34,999.....	956	577	457	120	84	22	14	379	163	114	102
Less than 20 percent.....	581	291	236	55	30	11	14	290	121	78	91
20 to 24 percent.....	184	137	95	42	35	7	—	47	19	25	3
25 to 29 percent.....	113	94	75	19	19	—	—	19	14	—	5
30 to 34 percent.....	28	19	19	—	—	—	—	9	9	—	—
35 percent or more.....	26	26	22	4	—	4	—	—	—	—	—
Not computed.....	24	10	10	—	—	—	—	14	—	11	3
Median.....	17.8	19.7	19.4	20.6	21.7	20.0	17.1	15.7	15.3	16.9	14.7
\$35,000 or more.....	548	398	268	130	84	33	13	150	76	40	34
Less than 20 percent.....	503	363	245	118	84	21	13	140	76	34	30
20 to 24 percent.....	29	29	23	6	—	6	—	—	—	—	—
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—	—
Not computed.....	16	6	—	6	—	—	—	10	—	6	4
Median.....	12.4	13.3	12.5	15.6	16.0	16.9	10.0—	10.0—	10.0	10.0	10.0—

Table 57. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	American Indian	All Asian	Chinese	Filipino	Japanese	Asian Indian	Korean	Vietnamese
Occupied housing units -----	2 393	6 111	1 445	371	453	889	756	550
TENURE								
Owner-occupied housing units -----	1 163	2 096	363	180	213	396	174	195
Renter-occupied housing units -----	1 230	4 015	1 082	191	240	493	582	355
YEAR STRUCTURE BUILT								
Owner-occupied housing units -----	1 163	2 096	363	180	213	396	174	195
1989 to March 1990 -----	—	42	11	—	—	26	—	—
1985 to 1988 -----	32	155	43	—	2	45	9	32
1980 to 1984 -----	71	158	46	8	—	21	4	—
1970 to 1979 -----	217	659	119	84	60	124	81	42
1960 to 1969 -----	144	348	37	33	25	90	14	49
1950 to 1959 -----	106	223	51	15	42	38	26	16
1940 to 1949 -----	116	99	7	10	17	20	6	11
1939 or earlier -----	477	412	49	30	67	32	34	45
Renter-occupied housing units -----	1 230	4 015	1 082	191	240	493	582	355
1989 to March 1990 -----	6	33	22	—	—	11	—	—
1985 to 1988 -----	54	220	32	7	13	47	15	21
1980 to 1984 -----	84	372	133	12	45	39	39	29
1970 to 1979 -----	281	904	257	48	77	109	179	73
1960 to 1969 -----	116	788	191	28	49	121	192	51
1950 to 1959 -----	145	384	97	21	—	42	57	30
1940 to 1949 -----	120	384	165	9	4	24	53	34
1939 or earlier -----	424	930	185	66	52	100	47	117
BEDROOMS								
Owner-occupied housing units -----	1 163	2 096	363	180	213	396	174	195
None -----	—	—	—	—	—	—	—	—
1 -----	42	216	46	20	6	17	20	24
2 -----	323	452	36	46	58	38	38	66
3 -----	519	791	187	59	113	164	58	39
4 -----	225	499	78	42	26	128	37	66
5 or more -----	54	138	16	13	10	49	21	—
Renter-occupied housing units -----	1 230	4 015	1 082	191	240	493	582	355
None -----	55	568	227	25	56	39	59	38
1 -----	290	1 546	405	93	81	205	288	113
2 -----	538	1 458	360	46	75	223	196	138
3 -----	233	314	56	22	22	13	34	46
4 -----	85	72	3	—	—	5	5	20
5 or more -----	29	57	31	5	6	8	—	—
SOURCE OF WATER								
Public system or private company -----	2 193	5 996	1 431	349	426	871	742	537
Individual drilled well -----	176	98	14	17	21	12	14	13
Individual dug well -----	18	17	—	5	6	6	—	—
Some other source -----	6	—	—	—	—	—	—	—
SEWAGE DISPOSAL								
Public sewer -----	2 073	5 887	1 427	343	424	875	732	514
Septic tank or cesspool -----	295	170	14	22	29	14	24	36
Other means -----	25	54	4	6	—	—	—	—
KITCHEN FACILITIES								
Complete kitchen facilities -----	2 360	6 011	1 378	369	453	889	750	550
Lacking complete kitchen facilities -----	33	100	67	2	—	—	6	—
HOUSE HEATING FUEL								
Utility gas -----	1 638	4 673	1 069	275	321	747	574	456
Bottled, tank, or LP gas -----	319	171	24	18	36	8	44	12
Electricity -----	315	1 160	345	66	77	134	125	78
Fuel oil, kerosene, etc. -----	61	27	7	—	13	—	7	—
Coal or coke -----	—	16	—	—	—	—	—	—
Wood -----	42	8	—	6	—	—	—	—
Solar energy -----	—	—	—	—	—	—	—	—
Other fuel -----	18	12	—	6	—	—	6	—
No fuel used -----	—	44	—	—	6	—	—	4
VEHICLES AVAILABLE								
None -----	374	723	174	28	56	102	39	58
1 -----	1 003	2 684	754	133	189	369	482	214
2 -----	624	1 783	400	153	174	305	125	152
3 -----	239	604	95	35	26	82	85	67
4 -----	115	254	15	22	8	28	25	41
5 or more -----	38	63	7	—	—	3	—	18
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	1 163	2 096	363	180	213	396	174	195
1989 to March 1990 -----	178	389	52	62	25	69	23	32
1985 to 1988 -----	331	754	172	11	93	107	46	108
1980 to 1984 -----	175	328	78	32	10	79	14	27
1970 to 1979 -----	254	527	45	63	57	141	75	28
1960 to 1969 -----	116	73	16	6	19	—	16	—
1959 or earlier -----	109	25	—	6	9	—	—	—
Renter-occupied housing units -----	1 230	4 015	1 082	191	240	493	582	355
1989 to March 1990 -----	698	2 394	656	125	157	322	319	256
1985 to 1988 -----	397	1 380	386	41	64	154	232	64
1980 to 1984 -----	81	189	22	25	19	17	31	27
1970 to 1979 -----	46	48	18	—	—	—	—	8
1960 to 1969 -----	6	4	—	—	—	—	—	—
1959 or earlier -----	2	—	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units -----	1 163	2 096	363	180	213	396	174	195
Lacking complete plumbing facilities -----	45	3	—	—	—	—	—	3
1.01 or more -----	5	3	—	—	—	—	—	3
Renter-occupied housing units -----	1 230	4 015	1 082	191	240	493	582	355
Lacking complete plumbing facilities -----	3	55	17	2	—	—	6	—
1.01 or more -----	1	8	—	—	—	—	—	—

DETAILED HOUSING CHARACTERISTICS

Table 57. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Cambodian	Hmong	Laotian	Thai	All Pacific Islander	Hawaiian	Samoaan
Occupied housing units -----	151	69	770	218	105	63	3
TENURE							
Owner-occupied housing units -----	16	48	311	116	63	38	—
Renter-occupied housing units -----	135	21	459	102	42	25	3
YEAR STRUCTURE BUILT							
Owner-occupied housing units -----	16	48	311	116	63	38	—
1989 to March 1990 -----	—	—	—	—	—	—	—
1985 to 1988 -----	—	—	18	6	—	—	—
1980 to 1984 -----	6	—	47	26	13	13	—
1970 to 1979 -----	—	—	101	23	23	12	—
1960 to 1969 -----	10	9	55	16	7	7	—
1950 to 1959 -----	—	—	15	7	13	6	—
1940 to 1949 -----	—	—	28	—	7	—	—
1939 or earlier -----	—	39	47	38	—	—	—
Renter-occupied housing units -----	135	21	459	102	42	25	3
1989 to March 1990 -----	—	—	—	—	—	—	—
1985 to 1988 -----	—	—	57	—	—	—	—
1980 to 1984 -----	—	—	23	10	—	—	—
1970 to 1979 -----	10	6	83	—	7	7	—
1960 to 1969 -----	9	—	73	28	3	—	3
1950 to 1959 -----	19	6	43	7	14	—	—
1940 to 1949 -----	14	—	21	8	11	11	—
1939 or earlier -----	83	9	159	49	7	7	—
BEDROOMS							
Owner-occupied housing units -----	16	48	311	116	63	38	—
None -----	—	—	—	—	—	—	—
1 -----	—	18	55	2	—	—	—
2 -----	—	27	71	42	24	13	—
3 -----	16	3	96	36	20	6	—
4 -----	—	—	79	31	14	14	—
5 or more -----	—	—	10	5	5	—	—
Renter-occupied housing units -----	135	21	459	102	42	25	3
None -----	24	6	11	12	—	—	—
1 -----	35	—	146	51	14	—	—
2 -----	48	9	196	34	14	14	—
3 -----	26	6	74	3	3	—	3
4 -----	2	—	32	2	11	11	—
5 or more -----	—	—	—	—	—	—	—
SOURCE OF WATER							
Public system or private company -----	151	69	768	213	96	63	3
Individual drilled well -----	—	—	2	5	9	—	—
Individual dug well -----	—	—	—	—	—	—	—
Some other source -----	—	—	—	—	—	—	—
SEWAGE DISPOSAL							
Public sewer -----	140	63	742	210	96	63	3
Septic tank or cesspool -----	—	—	11	5	9	—	—
Other means -----	11	6	17	3	—	—	—
KITCHEN FACILITIES							
Complete kitchen facilities -----	143	63	770	218	105	63	3
Lacking complete kitchen facilities -----	8	6	—	—	—	—	—
HOUSE HEATING FUEL							
Utility gas -----	88	50	585	180	80	43	—
Bottled, tank, or LP gas -----	—	—	13	14	5	—	3
Electricity -----	28	19	164	24	18	18	—
Fuel oil, kerosene, etc. -----	—	—	—	—	—	—	—
Coal or coke -----	16	—	—	—	—	—	—
Wood -----	—	—	—	—	—	—	—
Solar energy -----	—	—	—	—	—	—	—
Other fuel -----	—	—	—	—	2	2	—
No fuel used -----	19	—	8	—	—	—	—
VEHICLES AVAILABLE							
None -----	49	18	69	27	—	—	—
1 -----	42	—	234	42	57	38	3
2 -----	44	10	255	98	19	5	—
3 -----	16	41	99	34	22	13	—
4 -----	—	—	100	2	7	7	—
5 or more -----	—	—	13	15	—	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units -----	16	48	311	116	63	38	—
1989 to March 1990 -----	6	20	79	7	9	2	—
1985 to 1988 -----	8	7	127	53	27	18	—
1980 to 1984 -----	—	—	47	28	5	5	—
1970 to 1979 -----	2	13	58	28	16	7	—
1960 to 1969 -----	—	—	—	—	—	—	—
1959 or earlier -----	—	8	—	—	6	6	—
Renter-occupied housing units -----	135	21	459	102	42	25	3
1989 to March 1990 -----	69	12	221	39	42	25	3
1985 to 1988 -----	56	9	198	54	—	—	—
1980 to 1984 -----	10	—	34	2	—	—	—
1970 to 1979 -----	—	—	6	7	—	—	—
1960 to 1969 -----	—	—	—	—	—	—	—
1959 or earlier -----	—	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM							
Owner-occupied housing units -----	16	48	311	116	63	38	—
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—
1.01 or more -----	—	—	—	—	—	—	—
Renter-occupied housing units -----	135	21	459	102	42	25	3
Lacking complete plumbing facilities -----	16	6	8	—	—	—	—
1.01 or more -----	8	—	—	—	—	—	—

Table 58. Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	American Indian	All Asian	Chinese	Filipino	Japanese	Asian Indian	Korean	Vietnamese
Occupied housing units -----	2 393	6 111	1 445	371	453	889	756	550
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units -----	261	212	48	24	27	—	18	15
Owner occupied -----	181	117	33	14	25	—	13	—
1-person households -----	107	49	9	—	9	—	6	—
Built 1939 or earlier -----	119	41	—	—	7	—	—	—
Mean household income in 1989 (dollars) -----	16 340	21 401	33 271	38 828	28 496	—	12 097	19 335
Female householder, no husband present -----	118	75	—	10	9	—	6	15
Lacking complete plumbing facilities -----	33	—	—	—	—	—	—	—
No vehicle available -----	75	66	22	10	—	—	5	—
No telephone in unit -----	16	—	—	—	—	—	—	—
1-person households -----	5	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units -----	206	210	43	26	14	15	25	27
Married-couple families -----	83	102	34	—	—	15	13	12
With own children under 18 years -----	40	63	29	—	—	8	—	12
Families with female householder -----	54	32	—	13	4	—	6	—
With own children under 18 years -----	43	28	—	13	—	—	6	—
Householder worked in 1989 -----	93	110	10	24	10	7	11	27
With public assistance income -----	66	44	10	—	—	—	6	—
With Social Security income -----	49	30	10	—	—	—	6	—
Built 1939 or earlier -----	101	67	—	—	14	8	—	16
Lacking complete plumbing facilities -----	2	—	—	—	—	—	—	—
No vehicle available -----	27	16	—	—	—	—	—	—
No telephone in unit -----	28	2	—	—	—	—	—	—
1.01 or more persons per room -----	16	36	10	—	—	—	5	12
Renter-occupied housing units -----	601	1 776	424	84	117	148	311	201
Married-couple families -----	114	596	143	13	32	30	138	55
With own children under 18 years -----	85	432	55	5	26	19	109	55
Families with female householder -----	313	239	44	6	2	—	30	62
With own children under 18 years -----	272	179	26	6	2	—	25	32
Householder worked in 1989 -----	332	975	230	64	37	92	173	134
With public assistance income -----	297	190	4	17	4	—	6	36
With Social Security income -----	61	53	—	4	—	3	9	7
Built 1939 or earlier -----	177	466	91	21	32	63	33	60
Lacking complete plumbing facilities -----	3	31	11	—	—	—	6	—
No vehicle available -----	208	476	92	28	34	56	28	47
No telephone in unit -----	214	202	30	6	8	13	18	17
1.01 or more persons per room -----	114	450	92	5	6	30	98	55
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars) -----	17 038	20 107	15 125	21 222	24 896	29 562	11 401	20 294
Owner occupied (dollars) -----	24 627	38 156	39 028	35 714	45 875	67 574	36 786	32 188
Renter occupied (dollars) -----	12 277	12 316	11 506	14 375	12 344	17 250	10 301	13 125
Specified owner-occupied housing units -----	845	1 723	351	140	186	338	150	151
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage -----	528	1 405	276	119	132	303	121	121
Less than \$200 -----	13	—	—	—	—	—	—	—
\$200 to \$299 -----	33	27	—	—	11	—	—	—
\$300 to \$399 -----	57	94	9	6	8	2	11	28
\$400 to \$499 -----	105	216	41	27	6	14	24	33
\$500 to \$599 -----	134	182	17	36	6	41	12	19
\$600 to \$699 -----	80	178	37	19	28	7	13	5
\$700 to \$799 -----	42	130	22	6	24	37	6	7
\$800 to \$899 -----	35	132	32	13	29	11	13	11
\$900 to \$999 -----	20	127	35	12	12	28	19	7
\$1,000 to \$1,249 -----	—	118	33	—	8	67	4	4
\$1,250 to \$1,499 -----	9	71	32	—	—	21	10	7
\$1,500 to \$1,999 -----	—	67	13	—	—	42	3	—
\$2,000 or more -----	—	63	5	—	—	33	6	—
Median (dollars) -----	543	707	843	537	735	1 043	754	499
Mean (dollars) -----	558	843	886	611	690	1 183	817	624
Not mortgaged -----	317	318	75	21	54	35	29	30
Less than \$100 -----	53	5	—	5	—	—	—	—
\$100 to \$199 -----	177	105	15	—	26	23	6	7
\$200 to \$299 -----	67	123	20	2	15	12	16	19
\$300 to \$399 -----	17	40	15	7	—	—	7	4
\$400 to \$499 -----	3	19	19	—	—	—	—	—
\$500 or more -----	—	26	6	7	13	—	—	—
Median (dollars) -----	150	242	358	375	204	188	277	236
Mean (dollars) -----	169	271	330	373	285	207	274	238
Specified renter-occupied housing units -----	1 209	3 993	1 071	186	234	493	582	355
GROSS RENT								
Less than \$100 -----	20	19	7	—	—	3	5	—
\$100 to \$149 -----	79	122	42	—	2	—	8	31
\$150 to \$199 -----	138	393	179	17	31	17	21	14
\$200 to \$249 -----	112	434	147	17	34	49	26	41
\$250 to \$299 -----	129	637	183	18	6	74	100	35
\$300 to \$349 -----	150	646	102	19	31	67	196	55
\$350 to \$399 -----	129	549	114	40	37	83	102	70
\$400 to \$449 -----	158	391	84	15	17	66	49	24
\$450 to \$499 -----	112	303	84	20	35	58	1	55
\$500 to \$549 -----	75	136	49	8	8	21	19	5
\$550 to \$599 -----	35	116	25	5	7	36	16	—
\$600 to \$649 -----	12	65	15	18	—	—	11	15
\$650 to \$699 -----	14	33	13	—	6	—	14	—
\$700 to \$749 -----	16	12	—	—	6	—	—	—
\$750 to \$999 -----	—	9	7	—	—	—	—	—
\$1,000 or more -----	—	31	6	—	—	3	—	—
No cash rent -----	30	97	14	9	14	16	14	10
Median (dollars) -----	327	323	294	380	357	366	327	344
Mean (dollars) -----	340	345	323	378	358	373	346	341

DETAILED HOUSING CHARACTERISTICS

Table 58. Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

— Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Cambodian	Hmong	Laotian	Thai	All Pacific Islander	Hawaiian	Samoaan
Occupied housing units -----	151	69	770	218	105	63	3
HOUSEHOLDER 65 YEARS AND OVER							
Occupied housing units -----	—	—	27	2	2	—	—
Owner occupied -----	—	—	—	2	2	—	—
1-person households -----	—	—	—	—	2	—	—
Built 1939 or earlier -----	—	—	8	2	—	—	—
Mean household income in 1989 (dollars) -----	—	—	12 083	6 008	8 324	—	—
Female householder, no husband present -----	—	—	6	—	2	—	—
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—
No vehicle available -----	—	—	14	—	—	—	—
No telephone in unit -----	—	—	—	—	—	—	—
1-person households -----	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL							
Owner-occupied housing units -----	2	—	20	9	—	—	—
Married-couple families -----	2	—	9	2	—	—	—
With own children under 18 years -----	2	—	2	—	—	—	—
Families with female householder -----	—	—	2	7	—	—	—
With own children under 18 years -----	—	—	2	—	—	—	—
Householder worked in 1989 -----	2	—	9	7	—	—	—
With public assistance income -----	—	—	18	2	—	—	—
With Social Security income -----	—	—	—	—	—	—	—
Built 1939 or earlier -----	—	—	11	2	—	—	—
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—
No vehicle available -----	2	—	7	—	—	—	—
No telephone in unit -----	—	—	—	—	—	—	—
1.01 or more persons per room -----	—	—	9	—	—	—	—
Renter-occupied housing units -----	83	12	146	44	—	—	—
Married-couple families -----	21	—	96	9	—	—	—
With own children under 18 years -----	21	—	82	9	—	—	—
Families with female householder -----	45	6	27	8	—	—	—
With own children under 18 years -----	45	6	27	8	—	—	—
Householder worked in 1989 -----	36	12	104	22	—	—	—
With public assistance income -----	46	6	51	10	—	—	—
With Social Security income -----	9	—	21	—	—	—	—
Built 1939 or earlier -----	56	—	50	19	—	—	—
Lacking complete plumbing facilities -----	8	6	—	—	—	—	—
No vehicle available -----	47	12	48	13	—	—	—
No telephone in unit -----	30	—	42	34	—	—	—
1.01 or more persons per room -----	38	6	77	—	—	—	—
MEDIAN HOUSEHOLD INCOME IN 1989							
Occupied housing units (dollars) -----	16 250	30 341	27 568	27 778	22 411	36 875	13 750
Owner occupied (dollars) -----	29 375	30 682	33 958	30 833	36 875	52 433	—
Renter occupied (dollars) -----	15 461	16 875	22 031	11 029	20 000	18 036	13 750
Specified owner-occupied housing units -----	10	33	204	91	34	20	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
With a mortgage -----	8	20	190	76	28	14	—
Less than \$200 -----	—	—	—	—	—	—	—
\$200 to \$299 -----	—	—	12	2	9	2	—
\$300 to \$399 -----	8	—	13	7	—	—	—
\$400 to \$499 -----	—	11	40	19	—	—	—
\$500 to \$599 -----	—	6	29	16	7	—	—
\$600 to \$699 -----	—	—	61	6	7	7	—
\$700 to \$799 -----	—	3	7	11	—	—	—
\$800 to \$899 -----	—	—	14	9	—	—	—
\$900 to \$999 -----	—	—	5	—	—	—	—
\$1,000 to \$1,249 -----	—	—	—	—	5	5	—
\$1,250 to \$1,499 -----	—	—	—	—	—	—	—
\$1,500 to \$1,999 -----	—	—	9	—	—	—	—
\$2,000 or more -----	—	—	—	6	—	—	—
Median (dollars) -----	375	445	601	531	536	686	—
Mean (dollars) -----	359	522	607	738	580	746	—
Not mortgaged -----	2	13	14	15	6	6	—
Less than \$100 -----	—	—	—	—	—	—	—
\$100 to \$199 -----	—	—	—	—	—	—	—
\$200 to \$299 -----	2	13	14	3	6	6	—
\$300 to \$399 -----	—	—	—	—	—	—	—
\$400 to \$499 -----	—	—	—	—	—	—	—
\$500 or more -----	—	—	—	—	—	—	—
Median (dollars) -----	275	225	275	142	175	175	—
Mean (dollars) -----	253	208	263	155	191	191	—
Specified renter-occupied housing units -----	135	21	459	102	42	25	3
GROSS RENT							
Less than \$100 -----	—	—	—	—	—	—	—
\$100 to \$149 -----	10	—	18	—	—	—	—
\$150 to \$199 -----	42	—	14	2	—	—	—
\$200 to \$249 -----	25	6	62	19	3	—	3
\$250 to \$299 -----	30	—	105	10	—	—	—
\$300 to \$349 -----	18	9	79	24	—	—	—
\$350 to \$399 -----	—	—	46	18	14	—	—
\$400 to \$449 -----	2	6	63	22	7	7	—
\$450 to \$499 -----	—	—	15	7	7	7	—
\$500 to \$549 -----	—	—	15	—	—	—	—
\$550 to \$599 -----	—	—	16	—	11	11	—
\$600 to \$649 -----	—	—	—	—	—	—	—
\$650 to \$699 -----	—	—	—	—	—	—	—
\$700 to \$749 -----	—	—	6	—	—	—	—
\$750 to \$999 -----	—	—	2	—	—	—	—
\$1,000 or more -----	8	—	—	—	—	—	—
No cash rent -----	—	—	18	—	—	—	—
Median (dollars) -----	222	338	329	321	414	470	213
Mean (dollars) -----	307	339	335	340	434	499	213

Table 59. Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	American Indian	All Asian	Chinese	Filipino	Japanese	Asian Indian	Korean	Vietnamese
Specified owner-occupied housing units.....	845	1 723	351	140	186	338	150	151
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels.....	845	1 723	351	140	186	338	150	151
Less than 10 percent.....	169	252	49	19	30	28	21	26
10 to 14 percent.....	131	344	59	37	37	109	30	23
15 to 19 percent.....	153	381	55	20	66	80	25	32
20 to 24 percent.....	103	299	67	27	14	62	25	17
25 to 29 percent.....	87	128	25	8	15	13	13	18
30 to 34 percent.....	40	105	11	—	12	20	25	14
35 to 49 percent.....	68	98	35	2	12	18	—	15
50 percent or more.....	89	94	41	27	—	—	11	6
Not computed.....	5	22	9	—	—	8	—	—
Median.....	18.9	18.3	20.6	18.5	17.0	16.7	19.8	19.1
Less than \$20,000.....	306	275	80	29	49	15	24	36
Less than 20 percent.....	81	45	14	—	31	—	—	—
20 to 24 percent.....	25	26	9	—	—	—	7	8
25 to 29 percent.....	39	15	—	—	2	—	—	11
30 to 34 percent.....	11	18	—	—	4	—	6	—
35 percent or more.....	145	149	48	29	12	7	11	17
Not computed.....	5	22	9	—	—	8	—	—
Median.....	32.5	41.0	50.0+	50.0+	18.9	45.0	34.2	29.5
\$20,000 to \$34,999.....	285	434	84	28	19	52	41	57
Less than 20 percent.....	175	167	6	6	7	22	15	30
20 to 24 percent.....	30	118	25	14	—	19	8	9
25 to 29 percent.....	39	65	25	8	4	4	3	7
30 to 34 percent.....	29	52	7	—	8	—	15	7
35 percent or more.....	12	32	21	—	—	7	—	4
Not computed.....	—	—	—	—	—	—	—	—
Median.....	16.3	22.1	27.2	22.9	28.1	21.1	23.4	19.6
\$35,000 to \$49,999.....	141	317	35	42	41	53	32	13
Less than 20 percent.....	100	197	35	29	18	24	18	13
20 to 24 percent.....	41	77	—	13	14	15	10	—
25 to 29 percent.....	—	33	—	—	9	8	—	—
30 to 34 percent.....	—	10	—	—	—	6	4	—
35 percent or more.....	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—
Median.....	17.5	17.9	12.4	15.6	20.9	20.8	14.1	16.7
\$50,000 or more.....	113	697	152	41	77	218	53	45
Less than 20 percent.....	97	568	108	41	77	171	43	38
20 to 24 percent.....	7	78	33	—	—	28	—	—
25 to 29 percent.....	9	15	—	—	—	—	10	—
30 to 34 percent.....	—	25	4	—	—	14	—	7
35 percent or more.....	—	11	7	—	—	4	—	—
Not computed.....	—	—	—	—	—	—	—	—
Median.....	12.3	13.8	15.8	11.5	12.0	15.1	15.7	12.1
Specified renter-occupied housing units.....	1 209	3 993	1 071	186	234	493	582	355
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels.....	1 209	3 993	1 071	186	234	493	582	355
Less than 10 percent.....	64	209	50	5	19	32	—	17
10 to 14 percent.....	81	556	125	12	39	74	56	84
15 to 19 percent.....	160	410	118	5	15	69	51	25
20 to 24 percent.....	158	426	167	20	2	56	43	7
25 to 29 percent.....	146	347	65	30	34	49	32	37
30 to 34 percent.....	100	223	50	13	8	31	48	18
35 to 49 percent.....	152	439	135	29	6	40	124	16
50 percent or more.....	305	814	211	58	35	100	135	99
Not computed.....	43	569	150	14	76	42	93	52
Median.....	29.1	26.6	25.0	35.8	25.6	24.5	36.0	27.5
Less than \$10,000.....	515	1 566	429	85	105	133	274	157
Less than 20 percent.....	6	20	—	—	—	—	—	—
20 to 24 percent.....	26	42	20	—	—	—	—	—
25 to 29 percent.....	59	26	16	—	—	—	—	—
30 to 34 percent.....	31	29	6	—	2	3	—	11
35 percent or more.....	364	963	251	80	41	104	181	104
Not computed.....	29	486	136	5	62	26	93	42
Median.....	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999.....	351	1 066	331	25	48	140	178	68
Less than 20 percent.....	66	177	63	—	—	15	21	22
20 to 24 percent.....	56	186	88	—	—	14	14	—
25 to 29 percent.....	73	232	45	9	28	49	17	18
30 to 34 percent.....	56	172	40	7	6	28	48	7
35 percent or more.....	93	270	95	7	—	33	78	11
Not computed.....	7	29	—	2	14	1	—	10
Median.....	28.4	28.4	26.6	31.8	28.0	29.1	33.9	26.9
\$20,000 to \$34,999.....	217	914	231	66	33	141	94	95
Less than 20 percent.....	126	553	157	12	25	81	50	69
20 to 24 percent.....	58	191	52	20	2	42	29	7
25 to 29 percent.....	14	89	4	21	6	—	15	19
30 to 34 percent.....	13	22	4	6	—	—	—	—
35 percent or more.....	—	5	—	—	—	3	—	—
Not computed.....	6	54	14	7	—	15	—	—
Median.....	18.9	17.3	15.0	24.4	17.2	18.0	19.6	14.1
\$35,000 or more.....	126	447	80	10	48	79	36	35
Less than 20 percent.....	107	425	73	10	48	79	36	35
20 to 24 percent.....	18	7	7	—	—	—	—	—
25 to 29 percent.....	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—
35 percent or more.....	—	15	—	—	—	—	—	—
Not computed.....	1	—	—	—	—	—	—	—
Median.....	11.9	11.2	12.5	10.0	11.5	11.0	12.5	10.1

Table 59. Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990—
Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Cambodian	Hmong	Laotian	Thai	All Pacific Islander	Hawaiian	Samoan
Specified owner-occupied housing units.....	10	33	204	91	34	20	—
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989							
All income levels.....	10	33	204	91	34	20	—
Less than 10 percent.....	—	13	27	29	6	6	—
10 to 14 percent.....	—	—	27	16	9	9	—
15 to 19 percent.....	8	11	49	14	—	—	—
20 to 24 percent.....	—	3	56	24	19	5	—
25 to 29 percent.....	2	6	16	6	—	—	—
30 to 34 percent.....	—	—	22	—	—	—	—
35 to 49 percent.....	—	—	7	—	—	—	—
50 percent or more.....	—	—	7	2	—	—	—
Not computed.....	—	—	—	—	—	—	—
Median.....	18.1	16.6	19.9	15.2	20.5	12.2	—
Less than \$20,000.....	2	—	14	2	7	—	—
Less than 20 percent.....	—	—	—	—	—	—	—
20 to 24 percent.....	—	—	—	—	7	—	—
25 to 29 percent.....	2	—	—	—	—	—	—
30 to 34 percent.....	—	—	7	—	—	—	—
35 percent or more.....	—	—	7	2	—	—	—
Not computed.....	—	—	—	—	—	—	—
Median.....	27.5	—	42.5	50.0+	22.5	—	—
\$20,000 to \$34,999.....	8	17	76	46	9	2	—
Less than 20 percent.....	8	11	36	22	2	2	—
20 to 24 percent.....	—	—	25	18	7	—	—
25 to 29 percent.....	—	6	—	6	—	—	—
30 to 34 percent.....	—	—	15	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—
Median.....	17.5	18.9	20.4	20.3	21.8	12.5	—
\$35,000 to \$49,999.....	—	3	84	7	6	6	—
Less than 20 percent.....	—	—	46	7	6	6	—
20 to 24 percent.....	—	3	22	—	—	—	—
25 to 29 percent.....	—	—	16	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—
Median.....	—	22.5	19.3	17.5	10.0-	10.0-	—
\$50,000 or more.....	—	13	30	36	12	12	—
Less than 20 percent.....	—	13	21	30	7	7	—
20 to 24 percent.....	—	—	9	6	5	5	—
25 to 29 percent.....	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—
Median.....	—	10.0-	11.3	10.4	14.3	14.3	—
Specified renter-occupied housing units.....	135	21	459	102	42	25	3
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989							
All income levels.....	135	21	459	102	42	25	3
Less than 10 percent.....	10	—	52	20	—	—	—
10 to 14 percent.....	16	9	91	14	—	—	—
15 to 19 percent.....	37	—	75	—	3	—	3
20 to 24 percent.....	—	—	64	—	21	7	—
25 to 29 percent.....	10	—	49	14	—	—	—
30 to 34 percent.....	—	6	21	7	7	7	—
35 to 49 percent.....	25	—	26	5	11	11	—
50 percent or more.....	35	6	54	25	—	—	—
Not computed.....	2	—	27	17	—	—	—
Median.....	26.7	31.3	19.9	28.0	24.3	33.9	17.5
Less than \$10,000.....	64	6	104	44	—	—	—
Less than 20 percent.....	—	—	18	—	—	—	—
20 to 24 percent.....	—	—	6	—	—	—	—
25 to 29 percent.....	10	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	7	—	—	—
35 percent or more.....	52	6	71	20	—	—	—
Not computed.....	2	—	9	17	—	—	—
Median.....	50.0+	50.0+	49.6	50.0+	—	—	—
\$10,000 to \$19,999.....	19	6	106	26	21	18	3
Less than 20 percent.....	19	—	21	2	3	—	3
20 to 24 percent.....	—	—	38	—	—	—	—
25 to 29 percent.....	—	—	25	14	—	—	—
30 to 34 percent.....	—	6	15	—	7	7	—
35 percent or more.....	—	—	7	10	11	11	—
Not computed.....	—	—	—	—	—	—	—
Median.....	15.2	32.5	24.2	28.9	40.5	41.8	17.5
\$20,000 to \$34,999.....	34	—	164	10	21	7	—
Less than 20 percent.....	34	—	94	10	—	—	—
20 to 24 percent.....	—	—	20	—	21	7	—
25 to 29 percent.....	—	—	24	—	—	—	—
30 to 34 percent.....	—	—	6	—	—	—	—
35 percent or more.....	—	—	2	—	—	—	—
Not computed.....	—	—	18	—	—	—	—
Median.....	16.9	—	16.4	10.0-	22.5	22.5	—
\$35,000 or more.....	18	9	85	22	—	—	—
Less than 20 percent.....	10	9	85	22	—	—	—
20 to 24 percent.....	—	—	—	—	—	—	—
25 to 29 percent.....	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—
35 percent or more.....	8	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—
Median.....	10.0-	12.5	10.0-	10.0-	—	—	—

Table 60. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Mexican	Puerto Rican	Cuban	Other Hispanic	Dominican (Dominican Republic)	Central American	Costa Rican	Guatemalan	Honduran	Nicaraguan
Occupied housing units -----	5 807	253	136	1 461	22	228	9	56	48	18
TENURE										
Owner-occupied housing units -----	2 881	90	51	685	6	76	4	15	23	5
Renter-occupied housing units -----	2 926	163	85	776	16	152	5	41	25	13
YEAR STRUCTURE BUILT										
Owner-occupied housing units -----	2 881	90	51	685	6	76	4	15	23	5
1989 to March 1990 -----	37	—	—	11	—	—	—	—	—	—
1985 to 1988 -----	74	—	—	31	—	—	—	—	—	—
1980 to 1984 -----	89	4	7	36	—	16	—	—	9	—
1970 to 1979 -----	382	7	—	129	—	13	—	7	—	—
1960 to 1969 -----	380	11	2	99	—	6	—	—	—	—
1950 to 1959 -----	513	28	5	111	—	—	—	—	—	—
1940 to 1949 -----	342	19	18	57	—	—	—	—	—	—
1939 or earlier -----	1 064	21	19	211	6	41	4	8	14	5
Renter-occupied housing units -----	2 926	163	85	776	16	152	5	41	25	13
1989 to March 1990 -----	31	—	—	8	—	—	—	—	—	—
1985 to 1988 -----	83	12	—	27	5	—	—	—	—	—
1980 to 1984 -----	253	22	17	75	—	7	—	—	—	—
1970 to 1979 -----	618	36	18	124	—	38	—	6	10	7
1960 to 1969 -----	234	22	9	151	8	22	—	15	—	—
1950 to 1959 -----	254	14	30	58	3	21	5	10	—	6
1940 to 1949 -----	225	7	4	95	—	24	—	10	—	—
1939 or earlier -----	1 228	50	7	238	—	40	—	—	15	—
BEDROOMS										
Owner-occupied housing units -----	2 881	90	51	685	6	76	4	15	23	5
None -----	6	—	—	—	—	—	—	—	—	—
1 -----	120	7	11	20	6	—	—	—	—	—
2 -----	763	37	4	181	—	33	2	8	—	—
3 -----	1 378	28	25	359	—	28	—	—	17	5
4 -----	567	18	11	99	—	13	—	7	6	—
5 or more -----	47	—	—	26	—	2	2	—	—	—
Renter-occupied housing units -----	2 926	163	85	776	16	152	5	41	25	13
None -----	75	6	7	60	—	19	—	5	—	—
1 -----	985	68	39	168	3	17	—	6	—	6
2 -----	1 123	50	20	373	13	88	—	24	25	7
3 -----	563	7	19	128	—	28	5	6	—	—
4 -----	150	22	—	40	—	—	—	—	—	—
5 or more -----	30	10	—	7	—	—	—	—	—	—
SOURCE OF WATER										
Public system or private company -----	5 538	249	134	1 330	16	221	9	56	48	18
Individual drilled well -----	219	4	—	117	6	7	—	—	—	—
Individual dug well -----	50	—	2	6	—	—	—	—	—	—
Some other source -----	—	—	—	8	—	—	—	—	—	—
SEWAGE DISPOSAL										
Public sewer -----	5 356	249	132	1 287	16	228	9	56	48	18
Septic tank or cesspool -----	426	4	4	170	6	—	—	—	—	—
Other means -----	25	—	—	4	—	—	—	—	—	—
KITCHEN FACILITIES										
Complete kitchen facilities -----	5 767	253	136	1 449	22	228	9	56	48	18
Lacking complete kitchen facilities -----	40	—	—	12	—	—	—	—	—	—
HOUSE HEATING FUEL										
Utility gas -----	4 658	211	82	1 069	11	179	9	45	39	12
Bottled, tank, or LP gas -----	283	5	16	110	6	—	—	—	—	—
Electricity -----	672	37	31	192	5	42	—	11	9	—
Fuel oil, kerosene, etc. -----	51	—	—	51	—	1	—	—	—	—
Coal or coke -----	—	—	—	—	—	—	—	—	—	—
Wood -----	55	—	—	25	—	—	—	—	—	—
Solar energy -----	—	—	—	—	—	—	—	—	—	—
Other fuel -----	44	—	7	14	—	6	—	—	—	6
No fuel used -----	44	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE										
None -----	731	52	4	199	—	45	—	10	9	—
1 -----	2 027	122	57	515	16	85	2	25	16	6
2 -----	1 990	75	66	542	6	58	7	6	17	—
3 -----	795	4	9	145	—	26	—	8	6	12
4 -----	184	—	—	60	—	14	—	7	—	—
5 or more -----	80	—	—	—	—	—	—	—	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units -----	2 881	90	51	685	6	76	4	15	23	5
1989 to March 1990 -----	385	11	—	108	—	28	—	—	15	—
1985 to 1988 -----	750	19	—	196	—	30	2	15	6	—
1980 to 1984 -----	388	23	7	93	—	2	2	—	—	—
1970 to 1979 -----	696	18	19	134	—	7	—	—	2	5
1960 to 1969 -----	370	12	23	72	—	9	—	—	—	—
1959 or earlier -----	292	7	2	82	6	—	—	—	—	—
Renter-occupied housing units -----	2 926	163	85	776	16	152	5	41	25	13
1989 to March 1990 -----	1 780	123	51	417	5	111	—	29	19	—
1985 to 1988 -----	904	37	24	262	11	41	5	12	6	13
1980 to 1984 -----	148	—	10	81	—	—	—	—	—	—
1970 to 1979 -----	70	3	—	16	—	—	—	—	—	—
1960 to 1969 -----	7	—	—	—	—	—	—	—	—	—
1959 or earlier -----	17	—	—	—	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units -----	2 881	90	51	685	6	76	4	15	23	5
Lacking complete plumbing facilities -----	19	—	—	4	—	—	—	—	—	—
1.01 or more -----	2	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	2 926	163	85	776	16	152	5	41	25	13
Lacking complete plumbing facilities -----	19	—	—	10	—	—	—	—	—	—
1.01 or more -----	19	—	—	6	—	—	—	—	—	—

DETAILED HOUSING CHARACTERISTICS

Table 60. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990—Con.**

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Panamanian	Salvadoran	South American	Argentinean	Chilean	Colombian	Ecuadorian	Peruvian	Venezuelan	All other Hispanic origin
Occupied housing units -----	63	34	263	33	48	50	30	43	12	948
TENURE										
Owner-occupied housing units -----	16	13	104	9	20	15	15	17	7	499
Renter-occupied housing units -----	47	21	159	24	28	35	15	26	5	449
YEAR STRUCTURE BUILT										
Owner-occupied housing units -----	16	13	104	9	20	15	15	17	7	499
1989 to March 1990 -----	—	—	4	—	2	—	—	—	—	7
1985 to 1988 -----	—	—	10	—	8	2	—	—	—	21
1980 to 1984 -----	—	7	7	—	—	—	—	—	7	13
1970 to 1979 -----	6	—	33	—	2	7	9	8	—	83
1960 to 1969 -----	—	6	14	—	8	—	—	—	—	79
1950 to 1959 -----	—	—	17	5	—	6	6	—	—	94
1940 to 1949 -----	—	—	—	—	—	—	—	—	—	57
1939 or earlier -----	10	—	19	4	—	—	—	9	—	145
Renter-occupied housing units -----	47	21	159	24	28	35	15	26	5	449
1989 to March 1990 -----	—	—	—	—	—	—	—	—	—	8
1985 to 1988 -----	—	—	—	—	—	—	—	—	—	22
1980 to 1984 -----	—	7	23	10	—	9	—	4	—	45
1970 to 1979 -----	4	11	26	—	8	2	—	3	5	60
1960 to 1969 -----	7	—	59	—	20	12	—	11	—	62
1950 to 1959 -----	—	—	8	—	—	6	—	—	—	26
1940 to 1949 -----	14	—	15	—	—	—	7	8	—	56
1939 or earlier -----	22	3	28	14	—	6	8	—	—	170
BEDROOMS										
Owner-occupied housing units -----	16	13	104	9	20	15	15	17	7	499
None -----	—	—	—	—	—	—	—	—	—	—
1 -----	—	—	—	—	—	—	—	—	—	14
2 -----	16	7	22	—	2	8	6	—	—	126
3 -----	—	6	60	7	16	7	9	8	7	271
4 -----	—	—	17	2	2	—	—	9	—	69
5 or more -----	—	—	5	—	—	—	—	—	—	19
Renter-occupied housing units -----	47	21	159	24	28	35	15	26	5	449
None -----	14	—	29	18	—	—	—	11	—	12
1 -----	5	—	27	—	16	—	—	4	5	121
2 -----	21	11	78	—	12	24	15	11	—	194
3 -----	7	10	17	6	—	11	—	—	—	83
4 -----	—	—	8	—	—	—	—	—	—	32
5 or more -----	—	—	—	—	—	—	—	—	—	7
SOURCE OF WATER										
Public system or private company -----	63	27	263	33	48	50	30	43	12	830
Individual drilled well -----	—	7	—	—	—	—	—	—	—	104
Individual dug well -----	—	—	—	—	—	—	—	—	—	6
Some other source -----	—	—	—	—	—	—	—	—	—	8
SEWAGE DISPOSAL										
Public sewer -----	63	34	254	33	48	41	30	43	12	789
Septic tank or cesspool -----	—	—	9	—	—	9	—	—	—	155
Other means -----	—	—	—	—	—	—	—	—	—	4
KITCHEN FACILITIES										
Complete kitchen facilities -----	63	34	263	33	48	50	30	43	12	936
Lacking complete kitchen facilities -----	—	—	—	—	—	—	—	—	—	12
HOUSE HEATING FUEL										
Utility gas -----	51	23	190	23	34	26	30	29	5	689
Bottled, tank, or LP gas -----	—	—	18	—	2	9	—	7	—	86
Electricity -----	11	11	49	6	12	15	—	14	—	96
Fuel oil, kerosene, etc. -----	1	—	2	2	—	—	—	—	—	48
Coal or coke -----	—	—	—	—	—	—	—	—	—	—
Wood -----	—	—	2	2	—	—	—	—	—	23
Solar energy -----	—	—	—	—	—	—	—	—	—	—
Other fuel -----	—	—	2	—	—	—	—	—	—	6
No fuel used -----	—	—	—	—	—	—	—	—	—	—
VEHICLES AVAILABLE										
None -----	19	7	13	—	—	7	—	—	—	141
1 -----	36	—	143	24	38	8	21	23	—	271
2 -----	8	20	74	7	10	24	9	12	—	404
3 -----	—	—	33	2	—	11	—	8	12	86
4 -----	—	7	—	—	—	—	—	—	—	46
5 or more -----	—	—	—	—	—	—	—	—	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units -----	16	13	104	9	20	15	15	17	7	499
1989 to March 1990 -----	6	7	10	—	2	6	—	—	—	70
1985 to 1988 -----	1	6	31	—	10	9	6	—	—	135
1980 to 1984 -----	—	—	31	—	—	—	9	9	7	60
1970 to 1979 -----	—	—	32	9	8	—	—	8	—	95
1960 to 1969 -----	9	—	—	—	—	—	—	—	—	63
1959 or earlier -----	—	—	—	—	—	—	—	—	—	76
Renter-occupied housing units -----	47	21	159	24	28	35	15	26	5	449
1989 to March 1990 -----	42	21	94	16	—	24	15	8	5	207
1985 to 1988 -----	5	—	41	—	12	11	—	18	—	169
1980 to 1984 -----	—	—	8	—	8	—	—	—	—	73
1970 to 1979 -----	—	—	16	8	8	—	—	—	—	—
1960 to 1969 -----	—	—	—	—	—	—	—	—	—	—
1959 or earlier -----	—	—	—	—	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units -----	16	13	104	9	20	15	15	17	7	499
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	—	4
1.01 or more -----	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	47	21	159	24	28	35	15	26	5	449
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	—	10
1.01 or more -----	—	—	—	—	—	—	—	—	—	6

Table 61. Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Mexican	Puerto Rican	Cuban	Other Hispanic	Dominican (Dominican Republic)	Central American	Costa Rican	Guatemalan	Honduran	Nicaraguan
Occupied housing units -----	5 807	253	136	1 461	22	228	9	56	48	18
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units -----	583	9	37	207	6	19	—	10	—	—
Owner occupied -----	443	9	18	159	6	9	—	—	—	—
1-person households -----	279	—	21	92	—	9	—	—	—	—
Built 1939 or earlier -----	290	7	—	109	6	9	—	—	—	—
Mean household income in 1989 (dollars) -----	16 421	17 029	19 185	22 871	19 805	20 269	—	16 250	—	—
Female householder, no husband present -----	242	—	—	85	—	19	—	10	—	—
Lacking complete plumbing facilities -----	7	—	—	2	—	—	—	—	—	—
No vehicle available -----	222	—	—	57	—	19	—	10	—	—
No telephone in unit -----	64	—	—	8	—	—	—	—	—	—
1-person households -----	33	—	—	8	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units -----	248	27	2	68	—	9	2	—	—	—
Married-couple families -----	96	2	—	23	—	—	—	—	—	—
With own children under 18 years -----	61	2	—	23	—	—	—	—	—	—
Families with female householder -----	61	12	—	6	—	2	2	—	—	—
With own children under 18 years -----	37	12	—	6	—	2	2	—	—	—
Householder worked in 1989 -----	133	7	—	41	—	9	2	—	—	—
With public assistance income -----	62	—	—	24	—	—	—	—	—	—
With Social Security income -----	47	12	2	23	—	—	—	—	—	—
Built 1939 or earlier -----	124	2	—	20	—	2	2	—	—	—
Lacking complete plumbing facilities -----	2	—	—	4	—	—	—	—	—	—
No vehicle available -----	57	12	2	12	—	7	—	—	—	—
No telephone in unit -----	25	—	—	2	—	—	—	—	—	—
1.01 or more persons per room -----	6	—	—	8	—	—	—	—	—	—
Renter-occupied housing units -----	1 009	52	15	273	—	68	—	20	10	—
Married-couple families -----	204	—	—	74	—	28	—	4	10	—
With own children under 18 years -----	192	—	—	48	—	12	—	4	5	—
Families with female householder -----	393	9	6	71	—	6	—	—	—	—
With own children under 18 years -----	377	9	6	71	—	6	—	—	—	—
Householder worked in 1989 -----	650	29	9	166	—	39	—	20	5	—
With public assistance income -----	390	12	6	108	—	9	—	—	—	—
With Social Security income -----	149	—	—	16	—	—	—	—	—	—
Built 1939 or earlier -----	431	9	—	114	—	20	—	—	—	—
Lacking complete plumbing facilities -----	12	—	—	4	—	—	—	—	—	—
No vehicle available -----	272	21	—	93	—	10	—	—	—	—
No telephone in unit -----	370	11	6	73	—	—	—	—	—	—
1.01 or more persons per room -----	153	—	—	31	—	4	—	4	—	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	22 587	20 313	19 773	20 116	19 318	16 694	47 750	15 750	17 333	31 071
Owner occupied (dollars) -----	30 916	20 556	18 125	30 938	18 750	41 250	27 500	22 344	67 384	77 197
Renter occupied (dollars) -----	15 460	20 231	20 057	15 878	25 000	13 000	48 750	13 875	15 417	30 179
Specified owner-occupied housing units -----	2 513	77	40	554	—	63	4	15	23	5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	1 810	59	26	413	—	61	4	15	21	5
Less than \$200 -----	11	—	—	3	—	—	—	—	—	—
\$200 to \$299 -----	82	—	—	16	—	—	—	—	—	—
\$300 to \$399 -----	316	11	5	33	—	12	2	—	—	—
\$400 to \$499 -----	401	7	16	73	—	2	2	—	—	—
\$500 to \$599 -----	308	—	—	115	—	8	—	8	—	—
\$600 to \$699 -----	235	16	—	32	—	11	—	—	6	5
\$700 to \$799 -----	157	5	—	17	—	6	—	—	—	—
\$800 to \$899 -----	134	2	—	37	—	15	—	—	15	—
\$900 to \$999 -----	47	—	—	28	—	—	—	—	—	—
\$1,000 to \$1,249 -----	75	18	—	33	—	—	—	—	—	—
\$1,250 to \$1,499 -----	32	—	5	18	—	7	—	7	—	—
\$1,500 to \$1,999 -----	12	—	—	8	—	—	—	—	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
Median (dollars) -----	531	686	433	564	—	639	425	547	838	625
Mean (dollars) -----	584	725	616	677	—	694	423	874	779	603
Not mortgaged -----	703	18	14	141	—	2	—	—	2	—
Less than \$100 -----	31	—	2	6	—	—	—	—	—	—
\$100 to \$199 -----	383	7	—	75	—	2	—	—	2	—
\$200 to \$299 -----	220	4	12	43	—	—	—	—	—	—
\$300 to \$399 -----	52	7	—	7	—	—	—	—	—	—
\$400 to \$499 -----	13	—	—	5	—	—	—	—	—	—
\$500 or more -----	4	—	—	5	—	—	—	—	—	—
Median (dollars) -----	189	250	242	190	—	125	—	—	125	—
Mean (dollars) -----	202	258	226	216	—	127	—	—	127	—
Specified renter-occupied housing units -----	2 877	163	85	766	16	152	5	41	25	13
GROSS RENT										
Less than \$100 -----	41	—	—	9	—	—	—	—	—	—
\$100 to \$149 -----	132	—	—	19	—	6	—	—	—	—
\$150 to \$199 -----	231	—	—	47	—	10	—	—	—	—
\$200 to \$249 -----	350	—	—	87	—	15	—	—	10	—
\$250 to \$299 -----	376	16	24	90	8	20	—	14	6	—
\$300 to \$349 -----	433	23	27	122	—	48	—	11	9	6
\$350 to \$399 -----	428	27	8	88	—	6	—	6	—	—
\$400 to \$449 -----	320	11	7	117	5	10	—	10	—	—
\$450 to \$499 -----	181	4	—	69	—	18	—	—	—	—
\$500 to \$549 -----	86	26	5	21	—	—	—	—	—	—
\$550 to \$599 -----	69	13	7	10	—	—	—	—	—	—
\$600 to \$649 -----	78	12	—	20	—	5	5	—	—	—
\$650 to \$699 -----	52	9	—	7	—	7	—	—	—	7
\$700 to \$749 -----	15	—	4	7	—	7	—	—	—	—
\$750 to \$999 -----	49	12	—	15	—	—	—	—	—	—
\$1,000 or more -----	—	10	—	13	3	—	—	—	—	—
No cash rent -----	36	—	3	25	—	—	—	—	—	—
Median (dollars) -----	331	501	338	349	350	316	625	331	260	654
Mean (dollars) -----	346	516	382	381	460	360	638	341	271	522

DETAILED HOUSING CHARACTERISTICS

Table 61. Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

— Con.

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Panamanian	Salvadoran	South American	Argentinean	Chilean	Colombian	Ecuadorian	Peruvian	Venezuelan	All other Hispanic origin
Occupied housing units -----	63	34	263	33	48	50	30	43	12	948
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units -----	9	—	16	8	2	—	—	—	—	166
Owner occupied -----	9	—	8	—	2	—	—	—	—	136
1-person households -----	9	—	6	—	—	—	—	—	—	77
Built 1939 or earlier -----	9	—	14	8	—	—	—	—	—	80
Mean household income in 1989 (dollars) -----	24 735	—	25 745	40 000	16 860	—	—	—	—	23 003
Female householder, no husband present -----	9	—	6	—	—	—	—	—	—	60
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	—	2
No vehicle available -----	9	—	6	—	—	—	—	—	—	32
No telephone in unit -----	—	—	—	—	—	—	—	—	—	8
1-person households -----	—	—	—	—	—	—	—	—	—	8
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units -----	—	7	6	—	—	—	—	—	—	53
Married-couple families -----	—	—	—	—	—	—	—	—	—	23
With own children under 18 years -----	—	—	—	—	—	—	—	—	—	23
Families with female householder -----	—	—	—	—	—	—	—	—	—	4
With own children under 18 years -----	—	—	—	—	—	—	—	—	—	4
Householder worked in 1989 -----	—	7	—	—	—	—	—	—	—	32
With public assistance income -----	—	—	—	—	—	—	—	—	—	24
With Social Security income -----	—	—	—	—	—	—	—	—	—	23
Built 1939 or earlier -----	—	—	—	—	—	—	—	—	—	18
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	—	4
No vehicle available -----	—	7	—	—	—	—	—	—	—	5
No telephone in unit -----	—	—	—	—	—	—	—	—	—	2
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	8
Renter-occupied housing units -----	35	3	33	10	—	2	—	19	—	172
Married-couple families -----	11	3	8	—	—	—	—	8	—	38
With own children under 18 years -----	—	3	8	—	—	—	—	8	—	28
Families with female householder -----	6	—	—	—	—	—	—	—	—	65
With own children under 18 years -----	6	—	—	—	—	—	—	—	—	65
Householder worked in 1989 -----	11	3	33	10	—	2	—	19	—	94
With public assistance income -----	6	3	8	—	—	—	—	8	—	91
With Social Security income -----	—	—	—	—	—	—	—	—	—	16
Built 1939 or earlier -----	17	3	—	—	—	—	—	—	—	94
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	—	4
No vehicle available -----	10	—	—	—	—	—	—	—	—	83
No telephone in unit -----	—	—	—	—	—	—	—	—	—	73
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	27
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	8 419	11 591	26 979	40 329	16 333	33 333	30 000	16 563	22 143	19 254
Owner occupied (dollars) -----	24 444	5 000—	34 688	40 250	20 000	34 792	100 638	61 359	21 250	28 424
Renter occupied (dollars) -----	5 898	11 705	20 781	40 357	15 750	28 750	22 344	10 625	38 750	15 030
Specified owner-occupied housing units -----	10	6	79	7	12	13	15	17	—	412
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	10	6	75	5	10	13	15	17	—	277
Less than \$200 -----	—	—	—	—	—	—	—	—	—	3
\$200 to \$299 -----	—	—	—	—	—	—	—	—	—	16
\$300 to \$399 -----	10	—	4	—	2	—	—	—	—	17
\$400 to \$499 -----	—	—	5	5	—	—	—	—	—	66
\$500 to \$599 -----	—	—	19	—	—	13	6	—	—	88
\$600 to \$699 -----	—	—	10	—	2	—	—	—	—	11
\$700 to \$799 -----	—	6	—	—	—	—	—	—	—	11
\$800 to \$899 -----	—	—	9	—	—	—	—	9	—	13
\$900 to \$999 -----	—	—	11	—	6	—	—	—	—	17
\$1,000 to \$1,249 -----	—	—	17	—	—	—	9	8	—	16
\$1,250 to \$1,499 -----	—	—	—	—	—	—	—	—	—	11
\$1,500 to \$1,999 -----	—	—	—	—	—	—	—	—	—	8
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
Median (dollars) -----	372	725	688	475	908	546	1 042	897	—	539
Mean (dollars) -----	389	719	783	458	754	547	942	1 023	—	644
Not mortgaged -----	—	—	4	2	2	—	—	—	—	135
Less than \$100 -----	—	—	—	—	—	—	—	—	—	6
\$100 to \$199 -----	—	—	2	—	2	—	—	—	—	71
\$200 to \$299 -----	—	—	—	—	—	—	—	—	—	41
\$300 to \$399 -----	—	—	2	2	—	—	—	—	—	7
\$400 to \$499 -----	—	—	—	—	—	—	—	—	—	5
\$500 or more -----	—	—	—	—	—	—	—	—	—	5
Median (dollars) -----	—	—	225	275	175	—	—	—	—	190
Mean (dollars) -----	—	—	231	265	196	—	—	—	—	217
Specified renter-occupied housing units -----	47	21	159	24	28	35	15	26	5	439
GROSS RENT										
Less than \$100 -----	—	—	—	—	—	—	—	—	—	9
\$100 to \$149 -----	6	—	—	—	—	—	—	—	—	13
\$150 to \$199 -----	10	—	—	—	—	—	—	—	—	37
\$200 to \$249 -----	5	—	22	—	8	6	—	8	—	50
\$250 to \$299 -----	—	—	32	10	—	7	—	15	—	30
\$300 to \$349 -----	19	3	8	—	—	—	—	3	5	66
\$350 to \$399 -----	—	—	16	—	12	2	—	—	—	66
\$400 to \$449 -----	—	—	33	8	8	9	8	—	—	69
\$450 to \$499 -----	7	11	22	—	—	6	—	—	—	29
\$500 to \$549 -----	—	—	5	—	—	5	—	—	—	16
\$550 to \$599 -----	—	—	—	—	—	—	—	—	—	10
\$600 to \$649 -----	—	—	7	—	—	—	7	—	—	8
\$650 to \$699 -----	—	—	—	—	—	—	—	—	—	—
\$700 to \$749 -----	—	7	—	—	—	—	—	—	—	—
\$750 to \$999 -----	—	—	8	—	—	—	—	—	—	7
\$1,000 or more -----	—	—	—	—	—	—	—	—	—	10
No cash rent -----	—	—	6	6	—	—	—	—	—	19
Median (dollars) -----	303	467	373	297	363	432	448	258	338	355
Mean (dollars) -----	275	530	404	360	349	393	539	256	343	377

Table 62. Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Mexican	Puerto Rican	Cuban	Other Hispanic	Dominican (Dominican Republic)	Central American	Costa Rican	Guatemalan	Honduran	Nicaraguan
Specified owner-occupied housing units -----	2 513	77	40	554	-	63	4	15	23	5
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels -----	2 513	77	40	554	-	63	4	15	23	5
Less than 10 percent -----	435	5	14	69	-	16	-	-	11	5
10 to 14 percent -----	492	9	-	110	-	8	2	-	-	-
15 to 19 percent -----	503	14	5	144	-	23	-	7	6	-
20 to 24 percent -----	320	16	2	77	-	6	-	-	6	-
25 to 29 percent -----	197	19	2	48	-	-	-	-	-	-
30 to 34 percent -----	141	-	-	33	-	8	-	8	-	-
35 to 49 percent -----	201	-	-	29	-	-	-	-	-	-
50 percent or more -----	203	14	17	38	-	2	2	-	-	-
Not computed -----	21	-	-	6	-	-	-	-	-	-
Median -----	18.2	23.3	22.5	18.3	-	16.6	32.5	30.3	15.4	10.0-
Less than \$20,000 -----	714	30	16	155	-	2	2	-	-	-
Less than 20 percent -----	123	7	-	37	-	-	-	-	-	-
20 to 24 percent -----	79	-	2	17	-	-	-	-	-	-
25 to 29 percent -----	93	9	2	8	-	-	-	-	-	-
30 to 34 percent -----	58	-	-	20	-	-	-	-	-	-
35 percent or more -----	340	14	12	67	-	2	2	-	-	-
Not computed -----	21	-	-	6	-	-	-	-	-	-
Median -----	34.4	29.4	50.0+	33.1	-	50.0+	50.0+	-	-	-
\$20,000 to \$34,999 -----	766	21	10	122	-	20	-	8	2	-
Less than 20 percent -----	469	11	5	73	-	12	-	-	2	-
20 to 24 percent -----	94	7	-	39	-	-	-	-	-	-
25 to 29 percent -----	92	3	-	2	-	-	-	-	-	-
30 to 34 percent -----	67	-	-	8	-	8	-	8	-	-
35 percent or more -----	44	-	5	-	-	-	-	-	-	-
Not computed -----	-	-	-	-	-	-	-	-	-	-
Median -----	17.8	19.7	35.0	17.1	-	19.0	-	32.5	10.0-	-
\$35,000 to \$49,999 -----	590	-	6	128	-	8	2	-	6	-
Less than 20 percent -----	439	-	6	102	-	2	2	-	-	-
20 to 24 percent -----	108	-	-	8	-	6	-	-	6	-
25 to 29 percent -----	12	-	-	13	-	-	-	-	-	-
30 to 34 percent -----	16	-	-	5	-	-	-	-	-	-
35 percent or more -----	15	-	-	-	-	-	-	-	-	-
Not computed -----	-	-	-	-	-	-	-	-	-	-
Median -----	14.2	-	10.0-	16.9	-	21.7	12.5	-	22.5	-
\$50,000 or more -----	443	26	8	149	-	33	-	7	15	5
Less than 20 percent -----	399	10	8	111	-	33	-	7	15	5
20 to 24 percent -----	39	9	-	13	-	-	-	-	-	-
25 to 29 percent -----	-	7	-	25	-	-	-	-	-	-
30 to 34 percent -----	-	-	-	-	-	-	-	-	-	-
35 percent or more -----	5	-	-	-	-	-	-	-	-	-
Not computed -----	-	-	-	-	-	-	-	-	-	-
Median -----	13.8	21.7	10.0-	15.8	-	12.1	-	17.5	10.0-	10.0-
Specified renter-occupied housing units -----	2 877	163	85	766	16	152	5	41	25	13
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels -----	2 877	163	85	766	16	152	5	41	25	13
Less than 10 percent -----	212	13	-	19	-	5	-	-	-	-
10 to 14 percent -----	399	6	6	87	8	-	-	-	-	-
15 to 19 percent -----	441	15	21	108	-	11	5	6	-	-
20 to 24 percent -----	306	5	22	114	-	28	-	-	15	-
25 to 29 percent -----	296	27	-	63	5	17	-	4	-	13
30 to 34 percent -----	183	13	10	86	-	22	-	15	-	-
35 to 49 percent -----	349	29	8	85	-	11	-	6	5	-
50 percent or more -----	609	44	15	160	3	50	-	10	5	-
Not computed -----	82	11	3	44	-	8	-	-	-	-
Median -----	25.7	33.8	23.2	27.6	20.0	32.5	17.5	33.5	24.2	27.5
Less than \$10,000 -----	950	55	15	247	-	58	-	10	10	-
Less than 20 percent -----	28	-	-	9	-	-	-	-	-	-
20 to 24 percent -----	8	-	-	25	-	6	-	-	-	-
25 to 29 percent -----	77	-	-	-	-	-	-	-	-	-
30 to 34 percent -----	47	-	-	8	-	-	-	-	-	-
35 percent or more -----	745	44	15	181	-	44	-	10	10	-
Not computed -----	45	11	-	24	-	8	-	-	-	-
Median -----	50.0+	50.0+	50.0+	50.0+	-	50.0+	-	50.0+	50.0	-
\$10,000 to \$19,999 -----	829	24	27	240	8	57	-	25	15	6
Less than 20 percent -----	175	3	-	28	-	-	-	-	-	-
20 to 24 percent -----	145	5	9	42	-	15	-	-	15	-
25 to 29 percent -----	155	-	-	41	5	10	-	4	-	6
30 to 34 percent -----	127	9	10	63	-	15	-	15	-	-
35 percent or more -----	209	7	8	64	3	17	-	6	-	-
Not computed -----	18	-	-	2	-	-	-	-	-	-
Median -----	27.8	32.2	32.2	30.6	29.0	31.2	-	32.8	22.5	27.5
\$20,000 to \$34,999 -----	675	57	30	194	8	32	-	6	-	7
Less than 20 percent -----	463	4	14	100	-	11	-	6	-	-
20 to 24 percent -----	124	-	13	47	-	7	-	-	-	-
25 to 29 percent -----	64	27	-	22	-	7	-	-	-	7
30 to 34 percent -----	9	4	-	15	-	7	-	-	-	-
35 percent or more -----	4	22	-	-	-	-	-	-	-	-
Not computed -----	11	-	3	10	-	-	-	-	-	-
Median -----	16.6	29.5	19.8	19.3	12.5	23.6	-	17.5	-	27.5
\$35,000 or more -----	423	27	13	85	-	5	5	-	-	-
Less than 20 percent -----	386	27	13	77	-	5	5	-	-	-
20 to 24 percent -----	29	-	-	-	-	-	-	-	-	-
25 to 29 percent -----	-	-	-	-	-	-	-	-	-	-
30 to 34 percent -----	-	-	-	-	-	-	-	-	-	-
35 percent or more -----	-	-	-	-	-	-	-	-	-	-
Not computed -----	8	-	-	8	-	-	-	-	-	-
Median -----	12.0	11.3	15.4	13.1	-	17.5	17.5	-	-	-

DETAILED HOUSING CHARACTERISTICS

Table 62. Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990
— Con.

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Panamanian	Salvadoran	South American	Argentinean	Chilean	Colombian	Ecuadorian	Peruvian	Venezuelan	All other Hispanic origin
Specified owner-occupied housing units.....	10	6	79	7	12	13	15	17	—	412
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	10	6	79	7	12	13	15	17	—	412
Less than 10 percent.....	—	—	—	—	—	—	—	—	—	53
10 to 14 percent.....	—	6	22	7	2	—	9	—	—	80
15 to 19 percent.....	10	—	29	—	8	7	—	9	—	92
20 to 24 percent.....	—	—	20	—	—	6	6	8	—	51
25 to 29 percent.....	—	—	2	—	2	—	—	—	—	46
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	25
35 to 49 percent.....	—	—	—	—	—	—	—	—	—	29
50 percent or more.....	—	—	—	—	—	—	—	—	—	36
Not computed.....	—	—	6	—	—	—	—	—	—	—
Median.....	17.5	12.5	17.5	12.5	17.5	19.6	14.2	19.7	—	19.0
Less than \$20,000.....	—	—	8	—	2	—	—	—	—	145
Less than 20 percent.....	—	—	2	—	2	—	—	—	—	35
20 to 24 percent.....	—	—	—	—	—	—	—	—	—	17
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	8
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	20
35 percent or more.....	—	—	—	—	—	—	—	—	—	65
Not computed.....	—	—	6	—	—	—	—	—	—	—
Median.....	—	—	12.5	—	12.5	—	—	—	—	33.1
\$20,000 to \$34,999.....	10	—	20	2	4	6	6	—	—	82
Less than 20 percent.....	10	—	6	2	2	—	—	—	—	55
20 to 24 percent.....	—	—	12	—	—	6	6	—	—	27
25 to 29 percent.....	—	—	2	—	2	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	17.5	—	21.7	12.5	22.5	22.5	22.5	—	—	14.1
\$35,000 to \$49,999.....	—	—	12	5	—	7	—	—	—	108
Less than 20 percent.....	—	—	12	5	—	7	—	—	—	88
20 to 24 percent.....	—	—	—	—	—	—	—	—	—	2
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	13
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	5
35 percent or more.....	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	—	—	15.7	12.5	—	17.5	—	—	—	16.9
\$50,000 or more.....	—	6	39	—	6	—	9	17	—	77
Less than 20 percent.....	—	6	31	—	6	—	9	9	—	47
20 to 24 percent.....	—	—	8	—	—	—	—	8	—	5
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	25
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	—	12.5	17.1	—	17.5	—	12.5	19.7	—	15.7
Specified renter-occupied housing units.....	47	21	159	24	28	35	15	26	5	439
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	47	21	159	24	28	35	15	26	5	439
Less than 10 percent.....	5	—	3	—	—	—	—	3	—	11
10 to 14 percent.....	—	—	25	8	—	12	—	—	5	54
15 to 19 percent.....	—	—	15	—	—	15	—	—	—	82
20 to 24 percent.....	13	—	28	—	—	6	—	12	—	58
25 to 29 percent.....	—	—	27	—	12	—	15	—	—	14
30 to 34 percent.....	—	7	24	—	16	—	—	—	—	40
35 to 49 percent.....	—	—	6	—	—	—	—	—	—	68
50 percent or more.....	21	14	25	10	—	2	—	11	—	82
Not computed.....	8	—	6	6	—	—	—	—	—	30
Median.....	50.0+	50.0+	26.0	50.0+	30.6	16.8	27.5	24.2	12.5	25.0
Less than \$10,000.....	35	3	33	10	8	2	—	11	—	156
Less than 20 percent.....	—	—	—	—	—	—	—	—	—	9
20 to 24 percent.....	6	—	—	—	—	—	—	—	—	19
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	8	—	8	—	—	—	—	—
35 percent or more.....	21	3	25	10	—	2	—	11	—	112
Not computed.....	8	—	—	—	—	—	—	—	—	16
Median.....	50.0+	50.0+	50.0+	50.0+	32.5	50.0+	—	50.0+	—	50.0+
\$10,000 to \$19,999.....	—	11	44	—	20	6	—	12	—	131
Less than 20 percent.....	—	—	6	—	—	—	—	—	—	22
20 to 24 percent.....	—	—	12	—	—	—	—	12	—	15
25 to 29 percent.....	—	—	12	—	12	—	—	—	—	14
30 to 34 percent.....	—	—	8	—	8	—	—	—	—	40
35 percent or more.....	—	11	6	—	—	—	—	—	—	38
Not computed.....	—	—	—	—	—	—	—	—	—	2
Median.....	—	50.0+	26.7	—	29.2	17.5	—	22.5	—	31.7
\$20,000 to \$34,999.....	12	7	46	—	—	13	15	—	—	108
Less than 20 percent.....	5	—	7	—	—	7	—	—	—	74
20 to 24 percent.....	7	—	16	—	—	6	—	—	—	24
25 to 29 percent.....	—	—	15	—	—	—	15	—	—	—
30 to 34 percent.....	—	7	8	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	10
Median.....	20.7	32.5	25.0	—	—	14.6	27.5	—	—	17.4
\$35,000 or more.....	—	—	36	14	—	14	—	3	5	44
Less than 20 percent.....	—	—	30	8	—	14	—	3	5	42
20 to 24 percent.....	—	—	—	—	—	—	—	—	—	—
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—
Not computed.....	—	—	6	6	—	—	—	—	—	2
Median.....	—	—	13.3	12.5	—	16.1	—	10.0	12.5	12.7

Table 65. Household Income Characteristics of Housing Units for Race of Householder by Hispanic Origin: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Table with columns for State, Race (White, Black, American Indian, Eskimo, or Aleut, Asian or Pacific Islander, Other race), and Hispanic Origin (Total, Not of Hispanic origin). Rows include Specified owner-occupied housing units, Household income in 1989 by selected monthly owner costs as a percentage of household income, and Specified renter-occupied housing units, Household income in 1989 by gross rent as a percentage of household income.

DETAILED HOUSING CHARACTERISTICS

Table 66. Structural Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County	Buchanan County
TENURE AND VACANCY STATUS										
All housing units.....	3 714	2 234	6 603	6 402	3 247	9 125	49 688	10 371	8 847	8 272
Owner occupied	2 514	1 454	3 993	4 177	2 233	6 368	31 593	7 064	6 298	5 630
Renter occupied.....	905	551	1 275	1 432	703	2 150	15 339	2 763	2 096	1 876
Vacant for sale only	29	24	43	117	59	78	541	83	77	91
Vacant for rent.....	79	69	83	122	65	132	1 020	138	144	197
Vacant for seasonal, recreational, or occasional use	14	13	998	209	16	144	87	63	22	287
All other vacants	173	123	211	345	171	253	1 108	260	210	191
Condominium housing units.....	11	9	—	10	15	30	684	—	30	—
Owner occupied	—	—	—	7	9	—	340	—	—	—
Renter occupied.....	11	9	—	3	4	30	307	—	24	—
Vacant	—	—	—	—	2	—	37	—	6	—
YEAR STRUCTURE BUILT										
All housing units.....	3 714	2 234	6 603	6 402	3 247	9 125	49 688	10 371	8 847	8 272
1989 to March 1990	32	—	52	71	2	30	302	60	53	45
1985 to 1988	42	37	265	159	8	233	499	239	106	215
1980 to 1984	178	150	533	419	99	407	2 820	598	421	569
1970 to 1979	669	268	1 197	1 714	366	1 826	9 865	1 843	1 904	2 042
1960 to 1969	279	249	770	718	310	1 095	8 287	795	1 227	1 019
1950 to 1959	357	185	658	498	452	786	10 328	1 121	1 115	959
1940 to 1949	296	164	367	348	379	573	5 265	724	514	494
1939 or earlier	1 861	1 181	2 781	2 475	1 631	4 175	12 322	4 991	3 507	2 929
Median	1940—	1940—	1953	1958	1940—	1947	1957	1943	1954	1957
Owner-occupied housing units.....	2 514	1 454	3 993	4 177	2 233	6 368	31 593	7 064	6 298	5 630
1989 to March 1990	14	—	24	31	—	30	218	34	53	45
1985 to 1988	19	33	151	111	4	120	229	151	48	121
1980 to 1984	125	100	284	295	70	242	1 373	324	229	352
1970 to 1979	455	171	676	975	208	1 196	5 192	1 168	1 374	1 181
1960 to 1969	204	139	418	522	248	819	5 306	546	867	764
1950 to 1959	221	114	425	320	325	575	8 019	829	795	762
1940 to 1949	188	98	232	234	285	382	3 525	465	394	361
1939 or earlier	1 288	799	1 803	1 689	1 093	3 004	7 731	3 547	2 568	2 044
Median	1940—	1940—	1948	1955	1941	1945	1956	1940—	1953	1955
Renter-occupied housing units.....	905	551	1 275	1 432	703	2 150	15 339	2 763	2 096	1 876
1989 to March 1990	17	—	—	26	—	—	71	15	—	—
1985 to 1988	18	—	9	21	4	87	240	47	51	46
1980 to 1984	49	40	166	84	18	99	1 292	263	188	150
1970 to 1979	184	80	136	481	103	524	4 332	609	437	640
1960 to 1969	68	89	132	147	38	217	2 617	206	282	166
1950 to 1959	99	61	69	151	65	164	1 990	254	278	128
1940 to 1949	75	56	106	89	75	157	1 490	243	132	106
1939 or earlier	395	225	657	433	400	902	3 307	1 126	728	640
Median	1948	1949	1940—	1963	1940—	1951	1963	1950	1957	1964
BEDROOMS										
All housing units.....	3 714	2 234	6 603	6 402	3 247	9 125	49 688	10 371	8 847	8 272
None	6	18	97	73	6	43	566	114	103	24
1	292	186	652	755	207	735	6 167	1 086	718	695
2	1 014	626	1 873	2 463	830	2 305	16 083	3 154	2 135	2 222
3	1 326	911	2 439	2 340	1 330	3 858	19 912	4 018	3 700	3 543
4	903	356	1 200	634	683	1 768	6 096	1 706	1 798	1 457
5 or more	173	137	342	137	191	416	864	293	393	331
Occupied housing units.....	3 419	2 005	5 268	5 609	2 936	8 518	46 932	9 827	8 394	7 506
None	6	12	27	34	3	36	428	99	62	16
1	257	149	433	611	152	588	5 544	955	614	543
2	869	523	1 266	2 105	716	2 105	15 080	2 948	2 000	1 903
3	1 250	867	2 102	2 143	1 229	3 703	19 155	3 899	3 568	3 332
4	864	317	1 120	653	1 687	5 879	1 644	1 644	1 765	1 389
5 or more	173	137	320	135	183	399	846	282	385	323
All housing units.....	3 714	2 234	6 603	6 402	3 247	9 125	49 688	10 371	8 847	8 272
PLUMBING FACILITIES										
Complete plumbing facilities.....	3 660	2 198	6 537	6 138	3 218	9 088	49 516	10 246	8 778	8 017
Lacking complete plumbing facilities.....	54	36	66	264	29	37	172	125	69	255
SOURCE OF WATER										
Public system or private company	2 395	1 222	3 398	5 828	2 041	6 048	44 331	8 372	5 627	4 685
Individual drilled well	645	565	2 912	195	685	2 745	4 733	1 609	3 001	3 266
Individual dug well	637	412	212	287	512	311	490	330	195	263
Some other source	37	35	81	92	9	21	134	60	24	58
SEWAGE DISPOSAL										
Public sewer	2 078	1 121	3 739	3 947	1 850	5 983	44 369	7 323	5 827	5 115
Septic tank or cesspool.....	1 578	1 082	2 753	2 197	1 327	3 066	5 154	2 931	2 982	2 931
Other means.....	58	31	111	258	70	76	165	117	38	226
SELECTED CHARACTERISTICS										
Lacking complete kitchen facilities	98	88	96	245	38	69	364	167	83	271
Median rooms	6.0	5.7	5.5	5.1	6.0	6.0	5.2	5.6	5.9	5.7
SECOND MORTGAGE OR HOME EQUITY LOAN										
Specified owner-occupied housing units.....	1 556	793	2 337	2 721	1 460	4 604	27 478	5 285	4 627	3 840
With second mortgage or home equity loan	45	13	99	47	31	163	2 039	316	331	137
No second mortgage or home equity loan	1 511	780	2 238	2 674	1 429	4 441	25 439	4 969	4 296	3 703
CONDOMINIUM HOUSING UNITS										
Owner-occupied condominium housing units	—	—	—	7	9	—	340	—	—	—
Median selected monthly owner costs:										
With a mortgage (dollars).....	—	—	—	—	—	—	595	—	—	—
Not mortgaged (dollars).....	—	—	—	125	388	—	285	—	—	—
Median value (dollars).....	—	—	—	72 500	50 000—	—	52 600	—	—	—
MOBILE HOMES										
Owner-occupied mobile homes	136	101	401	411	21	256	981	476	152	320
Median selected monthly owner costs:										
With a mortgage (dollars).....	367	434	378	346	238	451	417	434	386	382
Not mortgaged (dollars).....	146	168	150	150	150	189	210	225	200	173

Table 66. **Structural Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County	Clarke County
TENURE AND VACANCY STATUS										
All housing units.....	8 140	6 483	5 362	8 356	6 788	7 146	20 954	5 973	5 486	3 599
Owner occupied	5 098	4 685	3 358	5 844	4 434	4 885	13 114	3 906	3 950	2 419
Renter occupied.....	2 417	1 351	1 326	2 120	1 743	1 799	5 947	1 608	1 090	924
Vacant for sale only	104	87	75	36	68	72	189	70	55	41
Vacant for rent.....	165	111	109	158	191	57	428	114	114	47
Vacant for seasonal, recreational, or occasional use	27	42	281	20	53	136	870	34	39	21
All other vacants	329	207	213	178	299	197	406	241	238	147
Condominium housing units.....	95	—	18	69	123	11	478	32	—	—
Owner occupied	37	—	2	46	110	6	140	6	—	—
Renter occupied.....	58	—	16	7	7	5	153	20	—	—
Vacant	—	—	—	16	6	—	185	6	—	—
YEAR STRUCTURE BUILT										
All housing units.....	8 140	6 483	5 362	8 356	6 788	7 146	20 954	5 973	5 486	3 599
1989 to March 1990	84	19	22	79	18	76	264	4	16	25
1985 to 1988	238	84	34	293	139	226	650	68	68	72
1980 to 1984	502	302	349	431	375	416	1 068	222	313	224
1970 to 1979	1 356	1 364	872	1 451	1 152	1 390	3 795	1 085	1 125	1 072
1960 to 1969	864	738	648	1 071	746	715	2 183	722	613	387
1950 to 1959	1 208	547	580	1 124	662	639	3 716	803	529	246
1940 to 1949	836	560	508	704	598	468	2 273	476	352	228
1939 or earlier	3 052	2 869	2 349	3 203	3 098	3 216	7 005	2 593	2 470	1 345
Median	1952	1947	1947	1952	1945	1948	1953	1948	1948	1959
Owner-occupied housing units.....	5 098	4 685	3 358	5 844	4 434	4 885	13 114	3 906	3 950	2 419
1989 to March 1990	23	17	16	46	10	46	128	4	16	25
1985 to 1988	64	42	12	178	75	136	350	50	59	47
1980 to 1984	229	230	171	300	198	276	501	120	220	148
1970 to 1979	738	998	494	935	681	983	2 039	654	793	685
1960 to 1969	669	552	397	790	528	555	1 445	553	407	291
1950 to 1959	767	435	426	828	517	492	2 800	501	435	193
1940 to 1949	608	424	321	486	341	314	1 575	323	208	180
1939 or earlier	2 000	1 987	1 521	2 281	2 084	2 083	4 276	1 701	1 812	850
Median	1949	1948	1945	1944	1944	1951	1953	1948	1948	1959
Renter-occupied housing units.....	2 417	1 351	1 326	2 120	1 743	1 799	5 947	1 608	1 090	924
1989 to March 1990	61	—	—	13	—	17	48	—	—	—
1985 to 1988	159	30	9	79	50	63	207	17	4	20
1980 to 1984	230	60	154	113	154	107	439	93	66	74
1970 to 1979	546	278	277	472	379	285	1 322	352	228	308
1960 to 1969	144	163	112	241	148	131	604	148	139	64
1950 to 1959	348	66	98	266	128	127	689	267	48	51
1940 to 1949	189	106	136	188	191	136	533	101	116	30
1939 or earlier	740	648	540	748	693	933	2 105	630	489	377
Median	1958	1943	1949	1955	1949	1940—	1955	1953	1945	1961
BEDROOMS										
All housing units.....	8 140	6 483	5 362	8 356	6 788	7 146	20 954	5 973	5 486	3 599
None	43	18	72	51	33	35	347	31	14	39
1	921	366	467	571	618	423	2 606	515	273	312
2	2 249	1 591	1 568	2 094	1 962	1 868	6 464	1 618	1 392	1 150
3	3 202	2 921	2 064	3 427	2 564	3 059	8 319	2 290	2 440	1 546
4	1 350	1 306	964	1 727	1 211	1 466	2 855	1 208	1 150	431
5 or more	375	281	227	486	295	400	363	311	217	121
Occupied housing units.....	7 515	6 036	4 684	7 964	6 177	6 684	19 061	5 514	5 040	3 343
None	37	11	34	51	17	16	291	13	5	35
1	786	301	335	478	491	352	2 260	455	231	277
2	2 022	1 414	1 309	1 976	1 737	1 701	5 735	1 426	1 258	1 025
3	3 011	2 772	1 862	3 306	2 421	2 924	7 727	2 182	2 279	1 497
4	1 293	1 266	923	1 683	1 136	1 425	2 712	1 135	1 067	391
5 or more	366	272	221	470	375	266	336	303	200	118
All housing units.....	8 140	6 483	5 362	8 356	6 788	7 146	20 954	5 973	5 486	3 599
PLUMBING FACILITIES										
Complete plumbing facilities.....	8 079	6 384	5 292	8 322	6 705	7 084	20 903	5 937	5 404	3 546
Lacking complete plumbing facilities.....	61	99	70	34	83	62	51	36	82	53
SOURCE OF WATER										
Public system or private company	6 315	4 047	4 034	7 011	5 173	4 371	17 709	5 078	3 181	2 491
Individual drilled well	1 193	2 217	963	901	1 134	2 618	3 032	472	2 119	509
Individual dug well	607	185	357	435	444	112	193	405	156	563
Some other source	25	34	8	9	37	45	20	18	30	36
SEWAGE DISPOSAL										
Public sewer	6 055	3 900	3 669	6 357	4 831	4 319	18 060	4 150	3 180	2 130
Septic tank or cesspool	2 053	2 486	1 667	1 973	1 882	2 739	2 810	1 756	2 202	1 383
Other means	32	97	26	26	75	88	84	67	104	86
SELECTED CHARACTERISTICS										
Lacking complete kitchen facilities	79	110	79	55	101	61	86	114	38	76
Median rooms	5.6	6.0	5.8	6.0	5.8	6.0	5.4	5.9	6.0	5.4
SECOND MORTGAGE OR HOME EQUITY LOAN										
Specified owner-occupied housing units.....	3 846	3 276	2 525	4 581	3 115	3 256	10 771	2 923	2 737	1 498
With second mortgage or home equity loan	260	113	66	230	56	84	920	60	91	46
No second mortgage or home equity loan	3 586	3 163	2 459	4 351	3 059	3 172	9 851	2 863	2 646	1 452
CONDOMINIUM HOUSING UNITS										
Owner-occupied condominium housing units	37	—	2	46	110	6	140	6	—	—
Median selected monthly owner costs:										
With a mortgage (dollars).....	475	—	—	200—	550	425	733	—	—	—
Not mortgaged (dollars).....	183	—	175	183	247	181	261	213	—	—
Median value (dollars).....	50 000—	—	50 000—	52 500	68 300	50 000—	59 000	52 500	—	—
MOBILE HOMES										
Owner-occupied mobile homes	186	139	78	70	199	389	497	137	121	192
Median selected monthly owner costs:										
With a mortgage (dollars).....	396	350	386	344	383	459	366	450	467	374
Not mortgaged (dollars).....	188	174	144	163	186	215	218	192	170	208

DETAILED HOUSING CHARACTERISTICS

Table 66. **Structural Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County	Muscatine County
TENURE AND VACANCY STATUS										
All housing units.....	4 995	8 977	11 420	15 862	5 004	4 514	4 555	3 740	5 363	16 044
Owner occupied.....	3 466	5 815	7 989	10 596	3 488	3 328	3 039	2 458	3 555	10 662
Renter occupied.....	1 249	2 491	2 826	4 294	1 177	925	1 059	738	1 400	4 144
Vacant for sale only.....	45	62	73	188	25	57	34	27	54	122
Vacant for rent.....	42	182	196	328	81	39	86	57	99	332
Vacant for seasonal, recreational, or occasional use.....	15	135	39	45	79	2	88	200	14	397
All other vacants.....	178	292	297	411	154	163	249	260	241	387
Condominium housing units.....	3	16	56	94	—	—	—	31	22	169
Owner occupied.....	—	5	33	46	—	—	—	—	9	55
Renter occupied.....	3	11	23	38	—	—	—	20	13	99
Vacant.....	—	—	—	10	—	—	—	11	—	15
YEAR STRUCTURE BUILT										
All housing units.....	4 995	8 977	11 420	15 862	5 004	4 514	4 555	3 740	5 363	16 044
1989 to March 1990.....	37	68	159	45	111	21	18	49	22	144
1985 to 1988.....	166	197	537	196	139	74	45	111	65	475
1980 to 1984.....	299	661	854	409	310	262	154	254	234	1 368
1970 to 1979.....	1 086	1 979	2 827	3 015	1 306	751	769	673	957	3 517
1960 to 1969.....	434	955	1 562	2 419	608	395	495	360	486	1 921
1950 to 1959.....	343	845	1 080	2 353	338	635	367	265	396	1 466
1940 to 1949.....	269	774	706	1 145	310	246	423	210	453	1 278
1939 or earlier.....	2 361	3 498	3 695	6 280	1 882	2 130	2 284	1 618	2 750	5 875
Median.....	1945	1953	1961	1952	1959	1945	1940—	1952	1940—	1956
Owner-occupied housing units.....	3 466	5 815	7 989	10 596	3 488	3 328	3 039	2 458	3 555	10 662
1989 to March 1990.....	37	49	97	35	17	19	18	38	17	116
1985 to 1988.....	128	147	406	102	129	58	29	67	48	360
1980 to 1984.....	194	380	588	226	266	186	91	153	109	804
1970 to 1979.....	717	1 152	1 869	1 889	926	545	531	472	589	2 344
1960 to 1969.....	294	629	1 177	1 820	458	320	224	269	325	1 458
1950 to 1959.....	234	651	862	1 867	252	491	279	188	284	985
1940 to 1949.....	210	431	489	629	176	160	308	111	336	940
1939 or earlier.....	1 652	2 377	2 501	4 028	1 264	1 559	1 559	1 160	1 847	3 655
Median.....	1944	1952	1961	1953	1961	1947	1940—	1946	1940—	1957
Renter-occupied housing units.....	1 249	2 491	2 826	4 294	1 177	925	1 059	738	1 400	4 144
1989 to March 1990.....	—	14	42	—	84	—	—	11	—	22
1985 to 1988.....	20	43	127	80	—	10	8	34	10	97
1980 to 1984.....	88	242	246	160	10	61	55	65	116	462
1970 to 1979.....	328	676	857	999	307	165	146	258	292	890
1960 to 1969.....	118	214	336	514	116	66	205	30	145	294
1950 to 1959.....	103	141	160	356	40	100	60	53	88	382
1940 to 1949.....	48	312	191	439	118	70	87	76	75	276
1939 or earlier.....	544	849	867	1 746	502	453	498	211	674	1 721
Median.....	1953	1956	1966	1949	1947	1941	1944	1970	1943	1952
BEDROOMS										
All housing units.....	4 995	8 977	11 420	15 862	5 004	4 514	4 555	3 740	5 363	16 044
None.....	14	72	120	189	14	17	20	46	36	104
1.....	449	874	1 020	1 474	464	242	429	282	494	1 863
2.....	1 468	2 852	3 491	4 492	1 269	1 172	1 248	1 334	1 570	4 778
3.....	1 968	3 463	4 766	6 394	2 171	1 740	1 901	1 489	2 128	6 684
4.....	848	1 422	1 784	2 755	892	1 080	711	475	959	2 143
5 or more.....	248	294	239	558	194	263	246	114	176	472
Occupied housing units.....	4 715	8 306	10 815	14 890	4 665	4 253	4 098	3 196	4 955	14 806
None.....	2	32	82	157	14	10	14	40	24	81
1.....	424	684	916	1 282	405	206	379	188	435	1 552
2.....	1 356	2 611	3 271	4 087	1 124	1 071	1 063	1 057	1 413	4 348
3.....	1 864	3 328	4 593	6 169	2 087	1 680	1 754	1 363	2 011	6 293
4.....	832	1 357	1 717	2 661	853	1 033	652	436	907	2 075
5 or more.....	237	294	236	534	182	253	236	112	165	457
All housing units.....	4 995	8 977	11 420	15 862	5 004	4 514	4 555	3 740	5 363	16 044
PLUMBING FACILITIES										
Complete plumbing facilities.....	4 883	8 920	11 207	15 784	4 931	4 417	4 494	3 616	5 320	15 941
Lacking complete plumbing facilities.....	112	57	213	78	73	97	61	124	43	103
SOURCE OF WATER										
Public system or private company.....	2 788	7 790	10 274	14 271	3 238	2 545	2 928	3 454	4 121	11 952
Individual drilled well.....	1 283	752	597	1 311	1 261	1 782	1 394	49	746	3 657
Individual dug well.....	816	400	493	238	463	187	219	193	476	311
Some other source.....	108	35	56	42	42	—	14	44	20	124
SEWAGE DISPOSAL										
Public sewer.....	2 747	6 007	7 654	12 302	2 824	2 483	2 822	2 048	3 975	11 860
Septic tank or cesspool.....	2 160	2 894	3 659	3 544	2 097	1 925	1 659	1 615	1 351	4 046
Other means.....	88	76	107	16	83	106	74	77	37	138
SELECTED CHARACTERISTICS										
Lacking complete kitchen facilities.....	92	60	205	105	95	121	139	122	61	23
Median rooms.....	5.7	5.6	5.5	5.7	5.7	6.1	5.8	5.3	5.9	5.4
SECOND MORTGAGE OR HOME EQUITY LOAN										
Specified owner-occupied housing units.....	2 031	4 075	5 851	8 505	2 392	2 264	2 089	1 469	2 627	8 079
With second mortgage or home equity loan.....	130	173	379	657	126	70	36	39	103	624
No second mortgage or home equity loan.....	1 901	3 902	5 472	7 848	2 266	2 194	2 053	1 430	2 524	7 455
CONDOMINIUM HOUSING UNITS										
Owner-occupied condominium housing units.....	—	5	33	46	—	—	—	—	9	55
Median selected monthly owner costs:										
With a mortgage (dollars).....	—	—	375	546	—	—	—	—	—	1 000+
Not mortgaged (dollars).....	—	275	127	396	—	—	—	—	305	269
Median value (dollars).....	—	50 000—	50 000—	82 500	—	—	—	—	70 500	91 900
MOBILE HOMES										
Owner-occupied mobile homes.....	189	379	669	512	322	78	216	179	223	988
Median selected monthly owner costs:										
With a mortgage (dollars).....	383	414	421	406	434	393	385	439	417	438
Not mortgaged (dollars).....	208	187	176	190	211	154	171	148	195	191

Table 66. **Structural Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County	Ringgold County
TENURE AND VACANCY STATUS										
All housing units	6 476	2 998	7 339	4 826	8 806	4 193	135 979	32 831	8 199	2 713
Owner occupied	4 484	2 104	4 719	2 966	6 295	2 838	84 307	22 226	5 045	1 672
Renter occupied	1 496	713	1 968	1 217	2 122	982	44 930	9 036	2 113	546
Vacant for sale only	53	30	109	60	44	28	1 211	257	73	38
Vacant for rent	212	37	191	116	97	128	2 992	700	80	58
Vacant for seasonal, recreational, or occasional use	18	—	—	165	22	2	196	83	706	266
All other vacants	213	114	352	302	226	215	2 343	529	182	133
Condominium housing units	26	8	41	9	34	7	3 723	214	100	—
Owner occupied	8	—	30	9	28	—	2 350	113	27	—
Renter occupied	9	8	11	—	6	5	1 029	88	73	—
Vacant	9	—	—	—	—	2	344	13	—	—
YEAR STRUCTURE BUILT										
All housing units	6 476	2 998	7 339	4 826	8 806	4 193	135 979	32 831	8 199	2 713
1989 to March 1990	51	9	20	54	95	31	3 249	321	147	22
1985 to 1988	75	28	67	49	351	57	9 982	1 100	289	72
1980 to 1984	346	170	454	272	492	236	8 826	1 455	568	250
1970 to 1979	1 075	513	1 214	861	1 721	582	28 200	5 884	2 236	541
1960 to 1969	676	212	797	602	1 014	404	21 593	5 177	894	177
1950 to 1959	727	336	801	598	888	450	21 229	5 423	807	232
1940 to 1949	692	284	560	396	722	408	12 288	2 560	429	157
1939 or earlier	2 834	1 446	3 426	1 994	3 523	2 025	30 612	10 911	2 829	1 262
Median	1946	1942	1944	1950	1952	1942	1952	1955	1960	1946
Owner-occupied housing units	4 484	2 104	4 719	2 966	6 295	2 838	84 307	22 226	5 045	1 672
1989 to March 1990	44	9	17	21	71	5	1 596	174	45	—
1985 to 1988	50	15	24	43	225	49	5 447	558	152	29
1980 to 1984	217	111	253	126	324	153	4 423	958	249	86
1970 to 1979	681	318	685	393	1 186	324	14 592	3 408	1 176	303
1960 to 1969	461	143	489	410	872	291	13 530	3 806	560	123
1950 to 1959	578	235	513	400	719	344	16 238	4 180	602	168
1940 to 1949	551	268	416	329	523	266	8 707	1 712	251	117
1939 or earlier	1 902	1 005	2 322	1 244	2 375	1 406	19 774	7 430	2 010	846
Median	1946	1942	1941	1947	1953	1940	1958	1955	1954	1940—
Renter-occupied housing units	1 496	713	1 968	1 217	2 122	982	44 930	9 036	2 113	546
1989 to March 1990	—	—	—	—	24	22	1 307	114	44	4
1985 to 1988	22	—	40	4	112	4	3 983	504	112	13
1980 to 1984	100	52	175	90	144	63	3 946	430	207	68
1970 to 1979	324	191	470	353	454	215	12 379	2 180	560	128
1960 to 1969	181	53	257	137	96	85	7 326	1 134	136	30
1950 to 1959	99	92	224	150	135	74	4 367	1 053	151	27
1940 to 1949	92	14	111	47	157	104	3 045	759	159	21
1939 or earlier	678	311	691	436	1 000	415	8 577	2 862	744	255
Median	1948	1953	1958	1958	1944	1947	1969	1959	1960	1949
BEDROOMS										
All housing units	6 476	2 998	7 339	4 826	8 806	4 193	135 979	32 831	8 199	2 713
None	—	—	79	4	23	4	3 381	516	74	13
1	415	237	733	510	612	273	17 026	3 810	1 044	237
2	1 769	698	2 262	1 383	2 111	1 043	47 708	10 395	2 182	859
3	2 538	1 191	2 768	1 852	3 639	1 709	47 445	13 111	3 261	1 067
4	1 352	697	1 214	900	1 926	911	17 578	4 118	1 320	425
5 or more	402	175	283	177	495	253	2 841	881	318	112
Occupied housing units	5 980	2 817	6 687	4 183	8 417	3 820	129 237	31 262	7 158	2 218
None	—	—	29	4	18	4	2 976	469	45	5
1	317	196	585	340	548	180	15 491	3 386	766	134
2	1 562	632	2 020	1 127	1 950	902	44 545	9 842	1 781	664
3	2 417	1 151	2 612	1 697	3 535	1 624	46 143	12 650	2 962	938
4	1 290	678	1 160	845	1 877	859	17 289	4 042	1 288	366
5 or more	394	160	281	170	489	251	2 793	873	316	111
All housing units	6 476	2 998	7 339	4 826	8 806	4 193	135 979	32 831	8 199	2 713
PLUMBING FACILITIES										
Complete plumbing facilities	6 439	2 955	7 201	4 739	8 729	4 130	135 470	32 683	8 144	2 654
Lacking complete plumbing facilities	37	43	138	87	77	63	509	148	55	59
SOURCE OF WATER										
Public system or private company	5 644	2 134	6 437	3 351	6 227	2 866	132 792	27 142	7 238	1 785
Individual drilled well	330	247	597	1 226	1 769	1 040	2 668	4 795	703	443
Individual dug well	460	556	252	232	737	256	454	847	239	404
Some other source	42	61	53	17	73	31	65	47	19	81
SEWAGE DISPOSAL										
Public sewer	4 740	1 784	5 396	3 344	5 715	2 532	124 778	26 198	4 997	1 358
Septic tank or cesspool	1 710	1 188	1 849	1 434	2 970	1 616	10 991	6 533	3 138	1 249
Other means	26	26	94	48	121	45	210	100	64	106
SELECTED CHARACTERISTICS										
Lacking complete kitchen facilities	59	68	227	152	96	125	1 126	202	65	77
Median rooms	6.0	6.1	5.8	5.8	6.0	6.1	5.2	5.3	5.7	5.6
SECOND MORTGAGE OR HOME EQUITY LOAN										
Specified owner-occupied housing units	3 476	1 523	3 464	2 136	4 299	2 052	73 454	18 439	3 531	855
With second mortgage or home equity loan	73	36	185	100	122	42	7 785	1 552	286	7
No second mortgage or home equity loan	3 403	1 487	3 279	2 036	4 177	2 010	65 669	16 887	3 245	848
CONDOMINIUM HOUSING UNITS										
Owner-occupied condominium housing units	8	—	30	9	28	—	2 350	113	27	—
Median selected monthly owner costs:										
With a mortgage (dollars)	—	—	425	—	425	—	755	814	792	—
Not mortgaged (dollars)	275	—	233	188	161	—	370	282	234	—
Median value (dollars)	50 000—	—	54 300	50 800	63 300	—	68 300	72 500	74 200	—
MOBILE HOMES										
Owner-occupied mobile homes	87	10	144	131	217	85	3 725	1 025	344	170
Median selected monthly owner costs:										
With a mortgage (dollars)	439	—	431	425	393	416	503	522	387	348
Not mortgaged (dollars)	195	188	188	122	192	167	280	264	170	156

DETAILED HOUSING CHARACTERISTICS

Table 66. **Structural Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County	Wapello County
TENURE AND VACANCY STATUS										
All housing units.....	5 648	61 379	5 430	10 333	26 847	7 417	3 307	5 622	3 529	15 640
Owner occupied	3 564	38 115	3 709	7 762	14 515	5 092	2 160	3 555	2 375	10 997
Renter occupied.....	1 350	19 323	1 315	2 163	11 426	1 676	699	1 618	681	3 558
Vacant for sale only	88	548	74	64	128	111	51	55	37	112
Vacant for rent.....	80	1 808	152	115	360	102	64	71	58	188
Vacant for seasonal, recreational, or occasional use	271	164	12	13	75	30	40	20	126	219
All other vacants.....	295	1 421	168	216	343	406	293	303	252	566
Condominium housing units.....	17	1 354	19	48	653	31	—	33	11	26
Owner occupied	7	874	19	28	322	2	—	13	—	18
Renter occupied.....	6	415	—	20	296	18	—	20	11	8
Vacant.....	4	65	—	—	35	11	—	—	—	—
YEAR STRUCTURE BUILT										
All housing units.....	5 648	61 379	5 430	10 333	26 847	7 417	3 307	5 622	3 529	15 640
1989 to March 1990.....	23	388	13	146	242	13	5	13	33	106
1985 to 1988.....	82	1 863	96	239	1 371	168	25	61	79	213
1980 to 1984.....	180	3 866	181	460	1 812	341	158	272	247	618
1970 to 1979.....	782	14 706	875	2 268	7 213	1 162	584	1 193	719	2 044
1960 to 1969.....	670	11 530	705	1 422	4 990	715	300	745	295	1 936
1950 to 1959.....	811	8 009	574	1 125	3 186	738	282	497	195	2 529
1940 to 1949.....	478	5 194	551	748	2 160	534	189	417	207	2 021
1939 or earlier.....	2 622	15 823	2 435	3 925	5 873	3 746	1 764	2 424	1 754	6 173
Median.....	1944	1961	1945	1954	1964	1940—	1940—	1949	1941	1948
Owner-occupied housing units.....	3 564	38 115	3 709	7 762	14 515	5 092	2 160	3 555	2 375	10 997
1989 to March 1990.....	13	291	13	132	174	2	1	12	22	100
1985 to 1988.....	37	1 310	70	181	556	104	18	57	43	173
1980 to 1984.....	88	2 398	119	315	729	245	124	120	164	357
1970 to 1979.....	442	8 211	592	1 706	3 746	794	338	689	462	1 356
1960 to 1969.....	467	7 956	524	1 100	2 677	521	197	513	210	1 241
1950 to 1959.....	567	5 728	457	834	2 019	578	218	328	126	1 879
1940 to 1949.....	296	3 565	311	559	955	341	95	262	153	1 499
1939 or earlier.....	1 654	8 656	1 623	2 935	3 659	2 507	1 169	1 574	1 195	4 392
Median.....	1944	1961	1947	1955	1962	1941	1940—	1948	1940—	1947
Renter-occupied housing units.....	1 350	19 323	1 315	2 163	11 426	1 676	699	1 618	681	3 558
1989 to March 1990.....	6	17	—	—	53	—	—	—	4	—
1985 to 1988.....	15	422	14	48	768	61	3	—	21	14
1980 to 1984.....	56	1 301	42	133	1 044	84	8	138	63	227
1970 to 1979.....	256	5 766	234	481	3 313	317	194	433	177	531
1960 to 1969.....	133	3 182	162	270	2 163	156	66	196	41	605
1950 to 1959.....	163	1 879	61	254	1 101	109	48	164	47	525
1940 to 1949.....	96	1 299	185	145	1 096	159	76	120	47	422
1939 or earlier.....	625	5 457	617	832	1 888	790	304	567	281	1 234
Median.....	1945	1963	1942	1954	1968	1943	1946	1957	1953	1952
BEDROOMS										
All housing units.....	5 648	61 379	5 430	10 333	26 847	7 417	3 307	5 622	3 529	15 640
None.....	28	789	22	26	605	38	2	40	51	232
1.....	401	7 361	299	745	3 598	574	224	585	371	1 948
2.....	1 512	18 435	1 309	2 399	8 694	1 876	990	1 738	938	5 849
3.....	2 243	24 323	2 060	3 991	9 152	3 119	1 235	2 301	1 386	5 735
4.....	1 099	8 956	1 398	2 515	4 059	1 442	669	788	663	1 626
5 or more.....	365	1 515	342	657	739	368	187	170	120	250
Occupied housing units.....	4 914	57 438	5 024	9 925	25 941	6 768	2 859	5 173	3 056	14 555
None.....	14	675	9	26	535	20	2	29	6	155
1.....	268	6 254	248	653	3 456	462	179	486	263	1 618
2.....	1 204	16 865	1 137	2 226	8 330	1 646	813	1 535	790	5 464
3.....	2 043	23 441	1 957	3 910	8 919	2 910	1 104	2 207	1 278	5 525
4.....	1 038	8 758	1 342	2 471	3 975	1 387	602	755	605	1 565
5 or more.....	347	1 445	331	639	726	343	159	161	114	228
All housing units.....	5 648	61 379	5 430	10 333	26 847	7 417	3 307	5 622	3 529	15 640
PLUMBING FACILITIES										
Complete plumbing facilities.....	5 569	61 216	5 396	10 257	26 738	7 249	3 226	5 560	3 307	15 426
Lacking complete plumbing facilities.....	79	163	34	76	109	168	81	62	222	214
SOURCE OF WATER										
Public system or private company.....	3 970	56 460	3 899	9 177	24 079	5 088	2 170	4 689	2 877	13 996
Individual drilled well.....	968	4 449	886	642	2 553	1 906	643	469	260	836
Individual dug well.....	689	343	639	468	190	400	472	377	268	392
Some other source.....	21	127	6	46	25	23	22	87	124	416
SEWAGE DISPOSAL										
Public sewer.....	3 748	55 421	3 298	7 312	23 449	4 507	1 615	4 098	1 814	11 947
Septic tank or cesspool.....	1 828	5 863	2 061	2 927	3 318	2 775	1 634	1 487	1 497	3 531
Other means.....	72	95	71	94	80	135	58	37	218	162
SELECTED CHARACTERISTICS										
Lacking complete kitchen facilities.....	143	282	31	85	228	239	216	107	180	302
Median rooms.....	6.0	5.4	6.2	6.2	5.2	6.0	5.9	5.6	5.6	5.1
SECOND MORTGAGE OR HOME EQUITY LOAN										
Specified owner-occupied housing units.....	2 613	33 011	2 511	5 630	11 370	3 442	1 354	2 506	1 326	8 569
With second mortgage or home equity loan.....	67	3 687	92	302	1 251	109	22	128	34	264
No second mortgage or home equity loan.....	2 546	29 324	2 419	5 328	10 119	3 333	1 332	2 378	1 292	8 305
CONDOMINIUM HOUSING UNITS										
Owner-occupied condominium housing units.....	7	874	19	28	322	2	—	13	—	18
Median selected monthly owner costs:										
With a mortgage (dollars).....	363	683	—	346	744	525	—	—	—	—
Not mortgaged (dollars).....	—	276	284	183	344	—	—	500+	—	275
Median value (dollars).....	50 000—	62 700	56 600	50 000—	71 500	50 000—	—	54 600	—	50 000—
MOBILE HOMES										
Owner-occupied mobile homes.....	80	1 569	110	290	1 359	235	84	197	218	617
Median selected monthly owner costs:										
With a mortgage (dollars).....	450	431	461	339	416	429	447	388	340	374
Not mortgaged (dollars).....	150	224	191	193	227	176	177	181	168	142

Table 66. **Structural Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Warren County	Washington County	Wayne County	Webster County	Winnebago County	Winneshiak County	Woodbury County	Worth County	Wright County
TENURE AND VACANCY STATUS									
All housing units.....	13 157	7 866	3 334	17 063	5 030	7 726	39 071	3 443	6 636
Owner occupied	9 728	5 349	2 237	11 000	3 508	5 153	25 280	2 470	4 259
Renter occupied.....	2 931	2 105	716	4 963	1 196	2 103	11 619	769	1 640
Vacant for sale only	104	68	29	94	53	38	424	30	129
Vacant for rent.....	171	127	32	465	143	122	814	70	149
Vacant for seasonal, recreational, or occasional use	19	17	50	37	25	33	73	16	151
All other vacants.....	204	200	270	504	105	277	861	88	308
Condominium housing units.....	112	43	7	160	20	48	247	4	82
Owner occupied	19	10	—	69	14	26	166	—	25
Renter occupied.....	73	28	7	75	2	22	76	4	41
Vacant	20	5	—	16	4	—	5	—	16
YEAR STRUCTURE BUILT									
All housing units.....	13 157	7 866	3 334	17 063	5 030	7 726	39 071	3 443	6 636
1989 to March 1990.....	282	44	14	50	41	126	194	—	39
1985 to 1988.....	746	133	44	286	106	306	1 038	45	58
1980 to 1984.....	1 073	421	227	530	272	378	1 561	126	337
1970 to 1979.....	3 925	1 495	749	2 697	1 087	1 277	6 376	628	1 054
1960 to 1969.....	2 631	804	316	2 333	690	778	4 344	319	813
1950 to 1959.....	1 904	691	178	2 919	687	687	5 420	305	929
1940 to 1949.....	611	574	234	1 573	408	499	3 779	309	613
1939 or earlier.....	2 585	3 704	1 572	6 675	1 756	3 675	16 359	1 711	2 793
Median.....	1968	1944	1944	1951	1955	1944	1948	1940	1949
Owner-occupied housing units.....	9 728	5 349	2 237	11 000	3 508	5 153	25 280	2 470	4 259
1989 to March 1990.....	129	15	12	12	35	55	174	—	7
1985 to 1988.....	437	74	38	130	54	226	514	18	38
1980 to 1984.....	746	266	133	270	161	215	888	77	192
1970 to 1979.....	2 934	946	438	1 738	722	795	3 952	430	607
1960 to 1969.....	2 103	600	238	1 626	499	602	3 008	219	541
1950 to 1959.....	1 083	497	126	2 163	509	479	3 965	236	716
1940 to 1949.....	380	413	166	1 053	304	337	2 316	224	440
1939 or earlier.....	1 916	2 538	1 086	4 008	1 224	2 444	10 463	1 266	1 718
Median.....	1967	1943	1942	1952	1954	1944	1949	1940	1949
Renter-occupied housing units.....	2 931	2 105	716	4 963	1 196	2 103	11 619	769	1 640
1989 to March 1990.....	110	26	—	28	—	7	5	—	19
1985 to 1988.....	292	51	6	133	40	67	455	27	15
1980 to 1984.....	284	139	74	235	91	131	558	42	115
1970 to 1979.....	874	486	224	905	304	385	2 091	151	346
1960 to 1969.....	442	172	49	620	171	146	1 194	85	181
1950 to 1959.....	198	163	31	660	125	173	1 274	59	141
1940 to 1949.....	203	140	34	442	94	132	1 301	61	107
1939 or earlier.....	528	928	298	1 940	371	998	4 741	344	716
Median.....	1971	1949	1958	1952	1960	1944	1948	1947	1950
BEDROOMS									
All housing units.....	13 157	7 866	3 334	17 063	5 030	7 726	39 071	3 443	6 636
None.....	47	62	17	246	16	35	544	5	7
1.....	870	683	270	1 908	387	777	5 119	220	649
2.....	3 441	2 055	1 143	5 173	1 314	1 793	12 826	890	1 830
3.....	5 995	3 285	1 298	6 960	2 283	2 990	13 538	1 412	2 823
4.....	2 385	1 469	464	2 423	886	1 574	5 893	757	1 075
5 or more.....	419	312	142	353	144	557	1 151	159	252
Occupied housing units.....	12 659	7 454	2 953	15 963	4 704	7 256	36 899	3 239	5 899
None.....	41	44	8	165	13	21	432	4	—
1.....	796	632	231	1 650	323	680	4 532	202	467
2.....	3 264	1 933	961	4 709	1 197	1 682	12 022	822	1 583
3.....	5 821	3 105	1 184	6 732	2 168	2 850	13 086	1 334	2 604
4.....	2 332	1 431	443	2 369	861	1 500	5 710	720	1 004
5 or more.....	405	309	126	338	142	523	1 117	157	241
All housing units.....	13 157	7 866	3 334	17 063	5 030	7 726	39 071	3 443	6 636
PLUMBING FACILITIES									
Complete plumbing facilities.....	13 097	7 784	3 268	16 900	5 013	7 634	38 796	3 418	6 568
Lacking complete plumbing facilities.....	60	82	66	163	17	92	275	25	68
SOURCE OF WATER									
Public system or private company.....	10 016	5 370	2 857	14 182	3 507	4 403	35 722	1 941	5 034
Individual drilled well.....	1 858	2 093	212	2 161	1 408	3 121	2 654	1 410	1 455
Individual dug well.....	1 209	385	197	684	107	136	651	90	114
Some other source.....	74	18	68	36	8	66	44	2	33
SEWAGE DISPOSAL									
Public sewer.....	9 105	5 032	1 870	13 613	3 416	4 114	34 961	1 751	4 953
Septic tank or cesspool.....	3 900	2 750	1 330	3 361	1 596	3 492	3 902	1 657	1 575
Other means.....	152	84	134	89	18	120	208	35	108
SELECTED CHARACTERISTICS									
Lacking complete kitchen facilities.....	85	82	78	279	31	112	265	22	82
Median rooms.....	5.8	5.9	5.5	5.5	5.9	6.0	5.3	6.1	5.8
SECOND MORTGAGE OR HOME EQUITY LOAN									
Specified owner-occupied housing units.....	6 946	3 685	1 375	8 839	2 650	3 035	21 115	1 594	3 299
With second mortgage or home equity loan.....	896	158	23	478	105	175	1 499	63	185
No second mortgage or home equity loan.....	6 050	3 527	1 352	8 361	2 545	2 860	19 616	1 531	3 114
CONDOMINIUM HOUSING UNITS									
Owner-occupied condominium housing units.....	19	10	—	69	14	26	166	—	25
Median selected monthly owner costs:									
With a mortgage (dollars).....	375	—	—	396	—	490	816	—	875
Not mortgaged (dollars).....	125	300	—	282	225	325	221	—	242
Median value (dollars).....	50 000—	62 500	—	50 000—	50 000—	58 500	59 100	—	66 300
MOBILE HOMES									
Owner-occupied mobile homes.....	820	352	131	557	71	270	1 434	112	87
Median selected monthly owner costs:									
With a mortgage (dollars).....	444	414	400	414	408	391	448	425	239
Not mortgaged (dollars).....	201	166	169	195	146	132	226	154	166

Table 67. Fuel, Occupancy, and Social Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County	Buchanan County
Occupied housing units	3 419	2 005	5 268	5 609	2 936	8 518	46 932	9 827	8 394	7 506
HOUSE HEATING FUEL										
Utility gas	1 705	879	1 705	2 703	1 669	2 750	35 989	6 680	5 013	3 813
Bottled, tank, or LP gas	973	651	1 291	1 380	599	1 986	2 674	1 768	1 474	2 009
Electricity	373	139	454	911	207	1 065	5 767	785	560	577
Fuel oil, kerosene, etc.	236	205	942	62	355	2 119	1 566	247	899	595
Coal or coke	—	—	2	13	—	—	18	13	—	—
Wood	114	108	866	492	95	588	601	264	437	503
Solar energy	—	—	2	2	3	—	9	13	—	—
Other fuel	10	21	6	18	8	5	215	35	8	9
No fuel used	8	2	—	28	—	5	93	22	3	—
VEHICLES AVAILABLE										
None	211	108	439	499	181	506	3 705	596	448	529
1	894	506	1 585	1 844	807	2 214	15 320	2 883	2 415	2 240
2	1 416	828	1 960	2 035	1 259	3 447	18 545	3 819	3 474	2 964
3	666	376	956	885	467	1 607	6 583	1 667	1 490	1 186
4	137	150	244	229	179	507	1 921	650	323	447
5 or more	95	37	84	117	43	237	858	212	244	140
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	2 514	1 454	3 993	4 177	2 233	6 368	31 593	7 064	6 298	5 630
1989 to March 1990	144	49	243	356	176	424	2 614	538	553	340
1985 to 1988	385	179	626	750	270	1 114	5 942	1 400	882	1 067
1980 to 1984	276	242	688	667	278	917	3 856	1 032	817	841
1970 to 1979	757	417	1 037	1 164	686	1 818	8 419	1 771	2 032	1 660
1960 to 1969	416	205	560	535	454	954	5 529	1 071	936	742
1959 or earlier	536	362	839	705	369	1 141	5 233	1 252	1 078	980
Renter-occupied housing units	905	551	1 275	1 432	703	2 150	15 339	2 763	2 096	1 876
1989 to March 1990	261	173	419	632	205	768	6 725	1 032	891	677
1985 to 1988	325	214	499	417	233	738	5 840	991	662	685
1980 to 1984	118	91	224	156	98	271	1 689	315	196	214
1970 to 1979	105	48	44	182	117	219	728	264	232	193
1960 to 1969	46	—	45	12	26	105	232	100	43	45
1959 or earlier	50	25	44	33	24	49	125	61	72	62
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	2 514	1 454	3 993	4 177	2 233	6 368	31 593	7 064	6 298	5 630
Lacking complete plumbing facilities	20	6	25	88	17	22	101	46	22	129
1.00 or less	20	6	25	88	17	22	101	46	22	90
1.01 or more	—	—	—	—	—	—	—	—	—	39
Renter-occupied housing units	905	551	1 275	1 432	703	2 150	15 339	2 763	2 096	1 876
Lacking complete plumbing facilities	2	3	11	23	—	10	55	10	6	51
1.00 or less	2	3	6	23	—	10	55	10	6	47
1.01 or more	—	—	5	—	—	—	—	—	—	4
TELEPHONE IN UNIT										
Telephone in unit	3 324	1 941	5 057	5 185	2 849	8 223	45 552	9 457	8 250	7 043
No telephone in unit	95	64	211	424	87	295	1 380	370	144	463
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 239	714	1 629	1 848	965	2 427	10 750	2 876	2 379	2 087
Owner occupied	1 018	609	1 365	1 553	831	2 030	8 399	2 228	1 944	1 717
1-person households	562	349	808	939	429	1 106	5 135	1 431	1 108	1 024
Built 1939 or earlier	541	410	779	824	369	1 054	3 063	1 336	884	753
Mean household income in 1989 (dollars)	19 455	16 176	19 963	16 289	20 911	20 113	22 320	21 438	19 795	20 262
Female householder, no husband present	499	282	737	749	384	1 049	4 840	1 199	999	907
Lacking complete plumbing facilities	13	6	18	55	5	14	39	23	11	45
No vehicle available	178	89	329	341	141	353	1 845	467	331	286
No telephone in unit	16	4	33	33	9	37	40	36	14	63
1-person households	13	4	20	19	9	28	28	26	14	25
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	238	192	505	617	210	547	2 029	403	344	542
Married-couple families	126	106	206	244	83	231	725	113	157	248
With own children under 18 years	47	33	88	124	30	118	300	35	67	155
Families with female householder	9	13	34	74	12	54	399	44	20	52
With own children under 18 years	7	6	23	55	10	19	251	22	14	47
Householder 65 years and over	127	89	245	236	118	222	701	197	174	241
Householder worked in 1989	91	110	252	281	96	269	739	127	131	237
With public assistance income	24	16	33	140	18	66	424	57	40	97
With Social Security income	119	83	251	268	132	255	796	216	183	209
Mean household income deficit in 1989 (dollars)	4 190	2 731	3 524	3 226	3 149	3 852	3 734	2 602	3 345	4 074
Built 1939 or earlier	124	132	218	266	103	261	730	263	161	215
Lacking complete plumbing facilities	9	—	9	43	—	14	21	10	11	83
No vehicle available	32	7	95	76	56	71	289	77	54	136
No telephone in unit	19	4	21	101	4	45	141	36	12	105
1.01 or more persons per room	9	3	9	28	—	4	58	—	3	45
Renter-occupied housing units	215	145	279	541	148	543	5 255	538	560	640
Married-couple families	48	46	56	126	48	110	650	117	87	169
With own children under 18 years	24	41	46	81	43	85	420	90	80	131
Families with female householder	40	36	33	169	32	190	1 877	126	130	197
With own children under 18 years	38	34	33	161	30	190	1 733	126	125	171
Householder 65 years and over	82	38	110	97	55	72	409	130	118	123
Householder worked in 1989	104	88	135	238	74	283	3 123	270	346	321
With public assistance income	66	35	70	286	45	214	1 790	161	187	258
With Social Security income	82	43	116	113	55	90	747	162	128	181
Mean household income deficit in 1989 (dollars)	3 285	4 758	3 410	4 215	3 145	4 446	3 861	3 434	3 201	3 752
Built 1939 or earlier	70	44	137	173	65	259	1 218	182	226	201
Lacking complete plumbing facilities	2	2	5	—	—	6	29	10	6	30
No vehicle available	67	23	109	164	33	123	1 329	122	117	126
No telephone in unit	17	29	47	169	23	117	762	98	82	136
1.01 or more persons per room	3	17	6	35	3	29	288	30	11	33

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County	Clarke County
Occupied housing units	7 515	6 036	4 684	7 964	6 177	6 684	19 061	5 514	5 040	3 343
HOUSE HEATING FUEL										
Utility gas	5 012	3 231	2 626	4 556	3 936	3 025	15 156	3 272	2 376	1 459
Bottled, tank, or LP gas	1 176	1 494	1 180	1 450	1 461	1 555	1 979	1 141	1 330	888
Electricity	738	499	447	909	465	616	1 519	544	319	504
Fuel oil, kerosene, etc.	440	508	309	900	145	1 074	208	371	747	241
Coal or coke	—	—	—	—	—	8	—	—	—	9
Wood	117	270	116	102	153	386	88	160	240	226
Solar energy	—	14	2	—	—	1	—	—	2	—
Other fuel	16	20	4	19	11	16	84	16	24	16
No fuel used	16	—	—	28	6	3	27	10	2	—
VEHICLES AVAILABLE										
None	478	303	261	582	441	386	1 339	362	280	213
1	2 363	1 610	1 605	2 294	1 967	1 673	6 620	1 655	1 369	959
2	3 212	2 420	1 849	3 343	2 479	2 904	7 639	2 262	2 225	1 195
3	1 091	1 136	668	1 280	947	1 179	2 676	851	842	702
4	307	419	197	353	231	339	555	261	187	201
5 or more	64	139	104	112	112	203	232	123	137	73
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	5 098	4 685	3 358	5 844	4 434	4 885	13 114	3 906	3 950	2 419
1989 to March 1990	385	261	226	429	236	410	1 002	268	215	164
1985 to 1988	893	630	519	987	768	829	2 745	584	575	473
1980 to 1984	737	614	490	887	726	798	1 701	531	533	402
1970 to 1979	1 404	1 472	944	1 661	1 207	1 394	3 493	989	1 143	681
1960 to 1969	826	794	471	820	704	643	1 889	762	625	314
1959 or earlier	853	914	708	1 060	793	811	2 284	772	859	385
Renter-occupied housing units	2 417	1 351	1 326	2 120	1 743	1 799	5 947	1 608	1 090	924
1989 to March 1990	1 040	460	392	804	705	532	2 472	514	372	328
1985 to 1988	754	449	402	593	585	659	2 143	594	366	348
1980 to 1984	281	140	258	306	222	193	723	202	191	142
1970 to 1979	190	165	171	270	157	280	409	172	81	84
1960 to 1969	77	80	46	76	49	72	112	62	24	10
1959 or earlier	75	57	57	71	25	63	88	64	56	12
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	5 098	4 685	3 358	5 844	4 434	4 885	13 114	3 906	3 950	2 419
Lacking complete plumbing facilities	30	50	40	18	30	17	36	8	45	21
1.00 or less	30	50	40	18	30	17	36	8	45	21
1.01 or more	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	2 417	1 351	1 326	2 120	1 743	1 799	5 947	1 608	1 090	924
Lacking complete plumbing facilities	8	2	8	2	8	9	6	2	8	3
1.00 or less	8	2	8	2	8	9	6	2	8	3
1.01 or more	—	—	—	—	—	—	—	—	—	—
TELEPHONE IN UNIT										
Telephone in unit	7 273	5 818	4 566	7 820	5 941	6 497	18 368	5 385	4 870	3 117
No telephone in unit	242	218	118	144	236	187	693	129	170	226
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	2 376	2 054	1 809	2 483	2 061	1 891	5 150	1 773	1 565	1 001
Owner occupied	1 814	1 754	1 378	1 985	1 671	1 527	3 832	1 422	1 328	776
1-person households	1 218	927	968	1 277	1 080	817	2 647	915	745	478
Built 1939 or earlier	773	860	674	913	904	777	1 748	740	792	356
Mean household income in 1989 (dollars)	20 591	18 649	20 030	20 503	20 258	21 651	20 574	19 411	21 412	19 546
Female householder, no husband present	1 066	824	827	1 160	934	785	2 508	853	666	463
Lacking complete plumbing facilities	9	27	39	11	22	11	18	2	24	2
No vehicle available	336	243	232	468	329	276	891	267	217	164
No telephone in unit	8	21	34	29	51	6	59	18	25	2
1-person households	6	15	24	27	40	6	51	18	12	2
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	301	420	358	475	430	389	663	285	402	222
Married-couple families	119	188	97	226	158	139	165	92	162	81
With own children under 18 years	64	60	54	103	87	49	42	48	73	43
Families with female householder	39	36	37	23	15	52	106	12	22	37
With own children under 18 years	35	27	19	13	6	23	84	4	22	25
Householder 65 years and over	132	259	201	251	199	201	320	120	201	83
Householder worked in 1989	110	144	132	181	180	182	269	140	175	101
With public assistance income	42	75	59	28	41	46	89	37	78	31
With Social Security income	144	276	184	252	213	181	306	114	203	101
Mean household income deficit in 1989 (dollars)	3 384	3 036	2 748	3 318	3 427	3 617	2 755	3 557	2 934	3 102
Built 1939 or earlier	141	217	181	243	243	194	293	148	199	110
Lacking complete plumbing facilities	15	17	9	3	2	9	14	2	11	14
No vehicle available	34	69	51	98	61	59	78	53	68	26
No telephone in unit	10	21	25	11	17	27	69	7	5	32
1.01 or more persons per room	—	2	—	5	5	8	13	5	14	14
Renter-occupied housing units	465	263	252	445	383	303	1 296	409	209	246
Married-couple families	90	85	74	101	78	99	197	90	21	37
With own children under 18 years	58	57	47	86	54	80	140	66	12	33
Families with female householder	91	68	43	94	115	83	376	99	62	71
With own children under 18 years	89	66	41	87	114	76	364	97	62	71
Householder 65 years and over	185	87	102	129	110	55	287	115	54	87
Householder worked in 1989	212	142	130	253	204	190	663	221	128	89
With public assistance income	117	107	68	113	110	112	373	148	62	102
With Social Security income	188	91	101	146	129	54	422	128	69	98
Mean household income deficit in 1989 (dollars)	3 060	3 775	2 906	3 098	3 361	4 130	3 329	3 698	3 396	3 221
Built 1939 or earlier	98	98	97	142	172	151	446	172	99	106
Lacking complete plumbing facilities	—	2	—	2	—	6	2	2	8	3
No vehicle available	153	57	50	117	94	58	374	80	27	42
No telephone in unit	50	34	26	47	86	33	317	49	48	60
1.01 or more persons per room	—	15	9	13	2	10	19	—	7	11

DETAILED HOUSING CHARACTERISTICS

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Clay County	Clayton County	Clinton County	Crawford County	Dallas County	Davis County	Decatur County	Delaware County	Des Moines County	Dickinson County
Occupied housing units	7 074	7 218	19 757	6 397	11 204	3 093	3 207	6 389	16 874	6 160
HOUSE HEATING FUEL										
Utility gas	4 123	2 511	12 653	2 172	6 456	864	1 376	2 896	13 205	3 370
Bottled, tank, or LP gas	1 149	1 843	2 393	1 746	2 745	1 077	932	2 047	1 782	1 418
Electricity	1 314	584	1 689	1 264	1 300	420	406	382	1 221	1 108
Fuel oil, kerosene, etc.	293	1 138	2 276	1 008	332	74	148	688	220	145
Coal or coke	—	6	6	6	6	5	2	2	—	—
Wood	137	1 122	562	182	325	629	316	326	376	115
Solar energy	—	2	—	1	—	—	3	—	—	—
Other fuel	41	10	106	18	24	—	15	28	41	—
No fuel used	17	2	72	—	16	24	9	20	29	4
VEHICLES AVAILABLE										
None	517	492	1 615	445	522	257	342	306	1 350	206
1	2 356	2 166	6 538	1 870	3 014	908	1 039	1 629	5 580	2 020
2	2 897	2 979	7 759	2 531	4 527	1 140	1 081	2 845	6 422	2 719
3	974	1 127	2 828	1 098	2 057	500	543	1 193	2 554	878
4	207	316	769	323	733	197	148	256	683	233
5 or more	123	138	248	130	351	91	54	160	285	104
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	4 623	5 409	14 061	4 573	8 332	2 400	2 272	4 838	12 279	4 667
1989 to March 1990	355	299	969	301	838	202	201	295	822	417
1985 to 1988	747	796	2 429	758	1 738	394	425	869	2 514	911
1980 to 1984	618	826	1 873	656	1 390	371	408	708	1 765	854
1970 to 1979	1 363	1 513	3 898	1 454	2 204	617	525	1 315	3 375	1 369
1960 to 1969	753	834	2 241	708	994	346	335	795	1 689	587
1959 or earlier	787	1 141	2 651	696	1 168	470	378	856	2 114	529
Renter-occupied housing units	2 451	1 809	5 696	1 824	2 872	693	935	1 551	4 595	1 493
1989 to March 1990	1 022	569	2 369	681	1 172	221	351	456	1 823	570
1985 to 1988	889	569	1 971	615	1 073	264	334	572	1 839	569
1980 to 1984	251	217	660	248	324	88	124	225	442	136
1970 to 1979	202	255	458	139	181	59	91	165	314	122
1960 to 1969	59	93	104	46	58	13	14	13	102	67
1959 or earlier	28	106	134	95	64	48	21	120	75	29
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	4 623	5 409	14 061	4 573	8 332	2 400	2 272	4 838	12 279	4 667
Lacking complete plumbing facilities	15	46	68	22	55	74	52	22	51	9
1.00 or less	15	39	68	20	55	69	52	22	51	9
1.01 or more	—	7	—	2	—	5	—	—	—	—
Renter-occupied housing units	2 451	1 809	5 696	1 824	2 872	693	935	1 551	4 595	1 493
Lacking complete plumbing facilities	15	12	26	19	11	14	3	11	19	4
1.00 or less	15	10	26	16	11	14	3	11	19	4
1.01 or more	—	2	—	3	—	—	—	—	—	—
TELEPHONE IN UNIT										
Telephone in unit	6 808	6 967	18 890	6 246	10 837	2 881	3 049	6 166	16 192	5 941
No telephone in unit	266	251	867	151	367	212	158	223	682	219
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 999	2 293	5 416	1 839	2 765	963	1 158	1 708	4 468	2 033
Owner occupied	1 591	1 902	4 314	1 430	2 213	804	900	1 409	3 658	1 775
1-person households	1 022	1 117	2 559	913	1 336	456	564	731	2 246	935
Built 1939 or earlier	605	1 140	2 097	797	1 120	478	479	706	2 019	650
Mean household income in 1989 (dollars)	20 342	18 056	19 590	18 335	20 406	15 341	15 707	26 857	21 047	24 010
Female householder, no husband present	919	932	2 360	769	1 191	423	479	639	2 071	798
Lacking complete plumbing facilities	7	36	26	18	23	34	23	18	34	2
No vehicle available	267	349	949	319	352	133	240	248	850	163
No telephone in unit	40	52	92	15	11	21	21	27	42	37
1-person households	40	49	68	15	3	4	15	24	42	23
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	302	622	944	488	487	334	351	454	845	281
Married-couple families	89	285	336	184	139	191	155	191	259	76
With own children under 18 years	59	105	143	71	33	119	84	126	121	47
Families with female householder	23	38	157	58	86	27	17	28	159	30
With own children under 18 years	23	21	107	54	73	17	17	26	125	21
Householder 65 years and over	167	307	399	247	260	129	188	203	364	150
Householder worked in 1989	116	260	361	244	146	155	158	219	318	113
With public assistance income	63	83	116	23	76	53	85	31	134	32
With Social Security income	160	332	436	242	242	126	204	181	415	148
Mean household income deficit in 1989 (dollars)	3 007	3 246	3 493	3 413	2 930	4 181	2 917	4 486	3 180	3 064
Built 1939 or earlier	156	331	557	244	236	133	181	204	475	118
Lacking complete plumbing facilities	7	21	9	10	14	42	27	11	9	2
No vehicle available	58	101	111	94	93	86	70	75	135	36
No telephone in unit	8	32	23	25	32	82	25	21	57	10
1.01 or more persons per room	9	14	23	4	—	54	2	2	12	16
Renter-occupied housing units	519	479	1 446	434	453	215	352	429	1 071	316
Married-couple families	73	178	182	146	74	61	100	136	141	52
With own children under 18 years	52	138	126	110	44	46	70	112	100	32
Families with female householder	151	69	544	114	145	50	52	95	552	90
With own children under 18 years	139	69	522	98	142	50	50	90	503	89
Householder 65 years and over	102	143	288	124	97	71	98	121	169	78
Householder worked in 1989	333	278	682	256	257	95	178	228	497	191
With public assistance income	187	128	502	107	160	112	108	110	438	111
With Social Security income	127	154	342	139	113	80	128	133	231	93
Mean household income deficit in 1989 (dollars)	3 158	3 660	3 687	4 158	3 391	3 622	3 616	3 805	4 150	2 866
Built 1939 or earlier	183	258	610	185	181	55	101	159	297	112
Lacking complete plumbing facilities	13	4	6	9	—	14	—	11	—	4
No vehicle available	144	92	516	89	110	50	103	108	377	49
No telephone in unit	110	78	348	23	86	41	51	69	280	70
1.01 or more persons per room	—	29	28	6	14	—	15	8	78	10

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Dubuque County	Emmet County	Fayette County	Floyd County	Franklin County	Fremont County	Greene County	Grundy County	Guthrie County	Hamilton County
Occupied housing units	30 799	4 461	8 490	6 721	4 579	3 217	4 195	4 776	4 407	6 358
HOUSE HEATING FUEL										
Utility gas	20 481	2 762	4 328	4 315	2 094	1 368	2 366	2 521	1 902	3 895
Bottled, tank, or LP gas	2 506	903	1 834	1 043	1 076	1 141	1 082	1 112	1 514	1 818
Electricity	2 804	325	589	503	382	194	317	351	411	337
Fuel oil, kerosene, etc.	3 663	393	1 247	541	931	334	240	692	289	223
Coal or coke	—	—	6	14	—	—	—	—	8	—
Wood	1 155	58	445	284	61	156	167	78	267	81
Solar energy	14	—	—	—	11	—	—	6	5	—
Other fuel	159	15	30	18	17	16	21	8	6	4
No fuel used	17	5	11	3	7	8	2	8	5	—
VEHICLES AVAILABLE										
None	2 673	218	629	414	277	210	309	242	246	396
1	9 985	1 415	2 563	1 936	1 403	819	1 224	1 381	1 236	1 860
2	12 567	1 827	3 465	2 725	1 815	1 298	1 704	1 979	1 833	2 476
3	4 095	697	1 283	1 157	819	596	740	870	782	1 112
4	1 081	203	371	365	185	209	147	234	249	430
5 or more	398	101	179	124	80	85	71	70	61	84
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	21 931	3 210	6 315	4 921	3 296	2 327	3 007	3 553	3 328	4 515
1989 to March 1990	1 687	203	408	416	272	154	219	195	282	286
1985 to 1988	4 454	561	915	822	508	463	476	482	482	972
1980 to 1984	2 524	453	832	596	357	303	397	444	570	580
1970 to 1979	5 699	895	1 738	1 357	934	652	817	1 144	940	1 155
1960 to 1969	3 657	470	995	824	460	311	381	562	438	598
1959 or earlier	3 910	628	1 427	906	765	444	717	726	616	924
Renter-occupied housing units	8 868	1 251	2 175	1 800	1 283	890	1 188	1 223	1 079	1 843
1989 to March 1990	3 550	573	713	692	437	297	348	328	362	619
1985 to 1988	3 091	373	793	629	434	328	364	454	335	645
1980 to 1984	1 185	127	342	201	185	90	211	209	157	259
1970 to 1979	698	126	196	157	98	87	166	126	158	209
1960 to 1969	156	24	52	75	48	34	32	45	40	62
1959 or earlier	188	28	79	46	81	54	67	61	27	49
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	21 931	3 210	6 315	4 921	3 296	2 327	3 007	3 553	3 328	4 515
Lacking complete plumbing facilities	40	14	32	29	20	4	33	4	46	23
1.00 or less	40	14	32	29	20	4	31	4	46	23
1.01 or more	—	—	—	—	—	—	2	—	—	—
Renter-occupied housing units	8 868	1 251	2 175	1 800	1 283	890	1 188	1 223	1 079	1 843
Lacking complete plumbing facilities	28	3	6	6	25	4	7	—	5	—
1.00 or less	28	3	6	6	13	4	7	—	5	—
1.01 or more	—	—	—	—	12	—	—	—	—	—
TELEPHONE IN UNIT										
Telephone in unit	30 159	4 241	8 179	6 405	4 410	3 032	4 095	4 701	4 212	6 074
No telephone in unit	640	220	311	316	169	185	100	75	195	284
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	7 355	1 366	2 772	2 018	1 557	1 143	1 509	1 582	1 476	1 956
Owner occupied	5 658	1 153	2 281	1 667	1 283	902	1 201	1 339	1 248	1 566
1-person households	3 463	659	1 417	977	784	544	770	756	722	912
Built 1939 or earlier	2 730	526	1 286	758	681	520	668	511	752	764
Mean household income in 1989 (dollars)	23 413	21 185	17 014	22 035	19 200	20 041	21 032	22 628	19 791	21 542
Female householder, no husband present	3 290	603	1 315	852	663	443	678	693	649	817
Lacking complete plumbing facilities	39	6	21	9	19	2	18	2	32	9
No vehicle available	1 685	139	427	290	212	133	233	189	198	291
No telephone in unit	72	32	34	12	21	18	19	4	42	34
1-person households	46	30	22	12	12	15	17	4	25	16
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	1 054	290	684	435	328	227	248	263	320	254
Married-couple families	487	116	321	175	114	57	80	82	119	89
With own children under 18 years	269	73	168	43	52	17	37	30	42	15
Families with female householder	96	27	39	50	2	28	21	20	28	16
With own children under 18 years	76	27	29	44	2	15	17	18	11	8
Householder 65 years and over	451	135	383	217	201	107	131	165	155	145
Householder worked in 1989	474	108	258	176	123	83	116	89	144	100
With public assistance income	108	49	102	39	19	40	34	23	44	28
With Social Security income	434	153	386	255	203	134	113	157	130	139
Mean household income deficit in 1989 (dollars)	3 629	3 296	3 288	3 053	3 202	2 995	3 741	2 573	3 469	2 615
Built 1939 or earlier	377	138	341	265	142	114	108	112	169	112
Lacking complete plumbing facilities	2	—	22	12	12	4	2	2	11	2
No vehicle available	205	32	101	74	76	30	40	47	40	68
No telephone in unit	14	5	24	15	12	18	16	4	23	22
1.01 or more persons per room	25	6	8	3	7	2	2	—	3	3
Renter-occupied housing units	2 172	354	596	590	273	217	247	220	260	397
Married-couple families	366	33	158	125	107	64	42	54	74	62
With own children under 18 years	281	25	123	100	54	53	21	49	44	46
Families with female householder	691	73	116	190	38	49	95	51	56	102
With own children under 18 years	624	73	116	178	37	40	95	51	54	101
Householder 65 years and over	384	53	190	142	86	70	75	52	88	113
Householder worked in 1989	1 062	269	281	340	146	82	130	136	138	187
With public assistance income	769	97	166	205	92	85	88	50	64	122
With Social Security income	457	61	193	154	111	89	88	64	103	102
Mean household income deficit in 1989 (dollars)	3 806	3 443	3 330	3 552	3 047	3 468	3 029	3 423	3 061	3 412
Built 1939 or earlier	1 121	68	313	239	140	59	126	60	73	126
Lacking complete plumbing facilities	9	3	—	6	18	2	—	—	3	—
No vehicle available	720	68	195	167	51	74	55	40	68	94
No telephone in unit	209	106	125	160	52	50	33	21	45	88
1.01 or more persons per room	78	—	14	2	12	16	16	2	9	12

DETAILED HOUSING CHARACTERISTICS

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hancock County	Hardin County	Harrison County	Henry County	Howard County	Humboldt County	Ida County	Iowa County	Jackson County	Jasper County
Occupied housing units	4 867	7 611	5 656	7 089	3 856	4 339	3 222	5 713	7 527	13 632
HOUSE HEATING FUEL										
Utility gas	2 768	4 620	2 303	3 891	1 373	2 177	1 690	2 848	3 460	7 887
Bottled, tank, or LP gas	1 184	1 459	1 616	1 704	1 527	1 253	571	1 077	1 252	2 900
Electricity	398	723	600	888	222	496	456	506	579	1 491
Fuel oil, kerosene, etc.	364	620	666	191	547	327	406	983	1 353	888
Coal or coke	—	—	—	6	—	—	—	7	—	2
Wood	117	159	408	376	180	65	92	281	880	369
Solar energy	—	—	—	—	—	—	—	—	—	—
Other fuel	27	13	33	21	7	17	4	11	3	61
No fuel used	9	17	30	12	—	4	3	—	—	34
VEHICLES AVAILABLE										
None	230	513	442	454	261	166	173	341	604	742
1	1 346	2 489	1 514	2 131	1 174	1 388	917	1 537	2 174	3 615
2	2 036	2 988	2 271	2 822	1 623	1 876	1 314	2 403	3 119	5 940
3	930	1 246	1 041	1 146	550	659	559	957	1 156	2 328
4	224	299	289	408	183	193	184	304	283	744
5 or more	101	76	99	128	65	57	75	171	191	263
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	3 551	5 476	4 212	5 212	3 008	3 159	2 309	4 349	5 551	10 172
1989 to March 1990	278	334	335	423	211	201	146	333	334	937
1985 to 1988	677	866	814	1 081	467	500	362	663	927	1 908
1980 to 1984	504	739	561	848	490	410	349	597	812	1 335
1970 to 1979	978	1 482	1 043	1 349	706	882	622	1 103	1 591	2 647
1960 to 1969	511	1 107	660	778	458	485	331	617	942	1 658
1959 or earlier	603	948	799	733	676	681	499	1 036	945	1 687
Renter-occupied housing units	1 316	2 135	1 444	1 877	848	1 180	913	1 364	1 976	3 460
1989 to March 1990	446	702	478	756	244	331	262	335	640	1 245
1985 to 1988	414	661	442	594	314	381	300	565	724	1 304
1980 to 1984	198	343	227	237	115	200	170	209	275	483
1970 to 1979	138	213	208	184	115	179	84	142	212	294
1960 to 1969	68	93	39	27	18	64	42	37	74	61
1959 or earlier	52	123	50	79	42	25	55	76	51	73
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	3 551	5 476	4 212	5 212	3 008	3 159	2 309	4 349	5 551	10 172
Lacking complete plumbing facilities	14	4	38	34	33	8	9	35	44	64
1.00 or less	14	4	38	34	33	8	9	35	44	62
1.01 or more	—	—	—	—	—	—	—	—	—	2
Renter-occupied housing units	1 316	2 135	1 444	1 877	848	1 180	913	1 364	1 976	3 460
Lacking complete plumbing facilities	8	—	10	9	5	2	2	5	18	5
1.00 or less	8	—	10	9	5	2	2	5	11	5
1.01 or more	—	—	—	—	—	—	—	—	7	—
TELEPHONE IN UNIT										
Telephone in unit	4 643	7 387	5 337	6 834	3 718	4 256	3 150	5 616	7 198	13 268
No telephone in unit	224	224	319	255	138	83	72	97	329	364
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 471	2 652	1 878	2 005	1 309	1 546	1 023	1 785	2 177	3 423
Owner occupied	1 208	2 166	1 458	1 623	1 115	1 210	826	1 477	1 736	2 685
1-person households	722	1 300	972	958	631	763	519	829	1 041	1 620
Built 1939 or earlier	469	1 097	1 032	758	574	588	461	852	780	1 284
Mean household income in 1989 (dollars)	22 028	21 599	16 816	20 031	18 850	21 382	20 810	21 184	18 900	20 996
Female householder, no husband present	669	1 161	819	881	457	688	477	768	926	1 415
Lacking complete plumbing facilities	22	2	4	19	17	—	5	17	31	45
No vehicle available	172	411	328	312	196	146	140	296	428	508
No telephone in unit	16	30	65	32	31	6	9	2	67	52
1-person households	7	30	41	20	23	2	7	—	46	46
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	226	451	447	359	336	200	251	333	695	424
Married-couple families	96	118	195	144	130	76	84	122	279	168
With own children under 18 years	33	43	95	69	51	44	38	48	109	36
Families with female householder	21	36	41	27	21	26	31	17	68	37
With own children under 18 years	15	30	20	22	12	20	14	13	54	29
Householder 65 years and over	106	259	198	157	211	83	121	179	318	208
Householder worked in 1989	102	142	206	182	128	92	121	125	275	159
With public assistance income	21	69	91	37	41	29	20	23	99	33
With Social Security income	122	278	230	156	192	87	105	183	300	184
Mean household income deficit in 1989 (dollars)	3 375	2 469	3 116	3 438	2 773	2 556	3 128	3 274	4 068	3 359
Built 1939 or earlier	125	234	259	162	156	115	150	195	231	158
Lacking complete plumbing facilities	6	2	30	13	2	—	2	7	17	4
No vehicle available	47	138	88	57	63	21	33	60	120	82
No telephone in unit	6	28	55	30	17	2	10	9	37	15
1.01 or more persons per room	—	—	18	11	—	4	—	14	4	5
Renter-occupied housing units	223	509	402	395	257	234	165	184	475	592
Married-couple families	72	144	103	80	48	49	56	42	122	130
With own children under 18 years	61	98	59	58	33	36	50	25	79	88
Families with female householder	44	84	110	135	58	49	26	39	175	157
With own children under 18 years	42	77	106	133	56	44	24	39	152	155
Householder 65 years and over	60	163	156	101	91	89	45	61	120	174
Householder worked in 1989	115	250	185	212	124	134	113	92	237	317
With public assistance income	25	115	118	157	90	69	29	32	196	188
With Social Security income	69	171	146	125	108	101	50	82	144	162
Mean household income deficit in 1989 (dollars)	3 208	3 453	3 786	3 582	3 255	3 634	3 814	3 339	3 645	3 947
Built 1939 or earlier	53	184	203	134	121	78	83	86	212	167
Lacking complete plumbing facilities	—	—	2	2	—	2	—	3	6	—
No vehicle available	51	108	119	126	67	67	26	27	149	166
No telephone in unit	56	72	89	72	22	15	3	25	127	121
1.01 or more persons per room	9	8	19	28	—	10	—	1	16	10

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Jefferson County	Johnson County	Jones County	Keokuk County	Kossuth County	Lee County	Linn County	Louisa County	Lucas County	Lyon County
Occupied housing units	6 309	36 067	6 917	4 573	7 194	14 936	65 501	4 296	3 766	4 289
HOUSE HEATING FUEL										
Utility gas	3 573	26 515	2 924	1 513	3 128	8 835	52 615	2 067	1 642	1 837
Bottled, tank, or LP gas	1 273	2 977	2 249	1 556	2 012	1 586	4 184	1 347	1 034	1 176
Electricity	885	4 795	494	622	527	3 347	4 951	480	514	308
Fuel oil, kerosene, etc.	198	659	751	583	1 357	265	1 708	156	230	859
Coal or coke	—	22	—	2	—	5	—	—	36	—
Wood	357	514	493	297	157	791	925	231	288	89
Solar energy	—	14	—	—	—	13	14	2	—	—
Other fuel	14	365	—	—	9	51	854	10	7	14
No fuel used	9	206	6	—	4	43	250	3	15	6
VEHICLES AVAILABLE										
None	443	2 741	360	256	344	1 228	4 741	233	349	230
1	2 094	13 211	1 986	1 226	2 216	4 859	19 580	1 049	1 079	1 126
2	2 361	13 881	2 797	1 826	2 873	5 615	27 083	1 758	1 391	1 879
3	1 076	4 370	1 254	878	1 231	2 387	10 085	851	618	727
4	207	1 329	434	284	378	564	2 738	300	199	238
5 or more	128	535	86	103	152	283	1 274	105	130	89
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	4 205	18 993	5 090	3 566	5 256	11 061	46 140	3 200	2 799	3 308
1989 to March 1990	339	1 978	416	173	281	943	4 493	175	201	219
1985 to 1988	1 002	5 571	743	540	804	1 965	10 886	563	424	459
1980 to 1984	631	3 157	656	543	778	1 653	6 379	485	399	460
1970 to 1979	1 099	4 464	1 560	999	1 482	2 790	11 368	951	916	950
1960 to 1969	557	2 175	762	564	722	1 605	6 982	499	433	525
1959 or earlier	577	1 648	953	747	1 189	2 105	6 032	527	426	695
Renter-occupied housing units	2 104	17 074	1 827	1 007	1 938	3 875	19 361	1 096	967	981
1989 to March 1990	844	8 822	509	369	487	1 639	8 490	379	451	272
1985 to 1988	853	6 346	750	238	625	1 209	6 963	363	330	340
1980 to 1984	181	1 206	249	148	328	555	2 190	130	107	168
1970 to 1979	142	441	161	154	264	291	1 361	160	26	115
1960 to 1969	39	161	82	52	89	81	221	32	17	29
1959 or earlier	45	98	76	46	145	100	136	32	36	57
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	4 205	18 993	5 090	3 566	5 256	11 061	46 140	3 200	2 799	3 308
Lacking complete plumbing facilities	46	76	25	44	35	54	78	31	32	19
1.00 or less	46	76	25	44	35	54	72	31	32	19
1.01 or more	—	—	—	—	—	—	6	—	—	—
Renter-occupied housing units	2 104	17 074	1 827	1 007	1 938	3 875	19 361	1 096	967	981
Lacking complete plumbing facilities	—	83	4	16	24	28	63	—	25	—
1.00 or less	—	77	4	16	24	28	56	—	25	—
1.01 or more	—	6	—	—	—	—	7	—	—	—
TELEPHONE IN UNIT										
Telephone in unit	6 004	35 241	6 686	4 341	6 981	14 017	64 150	3 978	3 538	4 179
No telephone in unit	305	826	231	232	213	919	1 351	318	228	110
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 603	4 808	2 020	1 594	2 246	4 185	13 921	1 115	1 272	1 364
Owner occupied	1 234	3 648	1 656	1 375	1 878	3 216	11 025	956	1 045	1 236
1-person households	823	2 209	928	759	1 073	2 097	6 708	541	635	605
Built 1939 or earlier	651	1 289	718	815	939	1 867	3 878	531	634	546
Mean household income in 1989 (dollars)	19 092	29 702	17 816	20 398	21 012	18 128	23 226	18 456	20 463	19 096
Female householder, no husband present	782	2 169	853	685	979	1 864	6 362	436	529	550
Lacking complete plumbing facilities	36	42	15	29	20	53	49	26	28	15
No vehicle available	276	801	308	203	265	758	2 835	149	256	193
No telephone in unit	61	42	24	35	16	87	96	27	50	22
1-person households	45	33	19	28	16	65	83	10	40	22
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	416	683	483	373	486	876	1 898	284	267	380
Married-couple families	147	184	188	168	247	345	582	106	87	214
With own children under 18 years	67	74	86	76	114	148	320	42	48	126
Families with female householder	44	92	46	36	29	159	283	34	21	23
With own children under 18 years	44	53	28	20	25	106	206	31	17	16
Householder 65 years and over	193	223	279	186	223	387	746	125	147	184
Householder worked in 1989	171	352	179	160	205	318	852	110	104	191
With public assistance income	67	72	53	69	59	169	371	57	55	27
With Social Security income	168	243	243	192	182	367	669	121	164	162
Mean household income deficit in 1989 (dollars)	3 410	3 819	2 982	2 831	3 711	3 904	3 562	3 275	3 161	3 597
Built 1939 or earlier	200	172	213	216	213	330	721	134	146	198
Lacking complete plumbing facilities	22	11	10	10	—	19	7	17	17	2
No vehicle available	61	133	95	58	53	150	323	56	75	68
No telephone in unit	28	64	18	35	13	52	109	37	20	9
1.01 or more persons per room	—	41	9	10	7	28	83	4	—	10
Renter-occupied housing units	538	5 306	363	277	396	1 152	4 116	253	285	201
Married-couple families	153	609	96	78	115	141	442	78	68	69
With own children under 18 years	131	430	80	57	92	106	299	61	55	60
Families with female householder	80	426	99	63	66	479	1 205	74	69	37
With own children under 18 years	80	351	97	60	62	469	1 105	73	69	35
Householder 65 years and over	73	204	92	81	116	233	646	29	67	49
Householder worked in 1989	369	4 262	218	132	249	539	2 417	164	150	132
With public assistance income	118	387	102	99	109	473	1 363	74	110	55
With Social Security income	115	311	106	86	109	304	839	40	86	60
Mean household income deficit in 1989 (dollars)	4 068	3 416	3 656	3 895	3 670	3 895	3 509	4 148	2 914	3 508
Built 1939 or earlier	224	1 239	173	130	158	444	1 119	69	111	73
Lacking complete plumbing facilities	—	37	4	14	8	9	19	—	8	—
No vehicle available	118	1 036	77	68	110	399	1 192	51	84	39
No telephone in unit	105	267	74	77	86	337	511	65	78	48
1.01 or more persons per room	26	314	12	2	7	50	228	18	—	23

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County	Muscatine County
Occupied housing units	4 715	8 306	10 815	14 890	4 665	4 253	4 098	3 196	4 955	14 806
HOUSE HEATING FUEL										
Utility gas	2 174	4 917	7 374	9 637	2 495	1 743	1 739	1 579	3 149	11 071
Bottled, tank, or LP gas	1 451	1 779	1 799	2 552	1 108	1 371	878	867	1 064	1 755
Electricity	486	953	827	1 319	529	274	375	325	497	1 426
Fuel oil, kerosene, etc.	190	320	291	1 063	272	661	778	46	122	191
Coal or coke	—	8	5	2	2	—	—	26	—	—
Wood	360	294	458	218	214	204	292	333	64	301
Solar energy	—	5	—	3	—	—	8	—	—	—
Other fuel	48	24	52	53	45	—	28	20	53	6
No fuel used	6	6	9	43	—	—	—	—	6	56
VEHICLES AVAILABLE										
None	279	650	679	882	271	243	307	299	310	1 139
1	1 204	2 601	3 048	4 634	1 217	1 319	1 248	938	1 634	4 370
2	1 734	3 145	4 601	6 069	1 905	1 651	1 558	1 145	1 984	5 883
3	1 024	1 453	1 768	2 265	894	690	729	498	727	2 373
4	334	312	549	695	261	262	171	196	213	749
5 or more	140	145	170	345	117	88	85	120	87	292
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	3 466	5 815	7 989	10 596	3 488	3 328	3 039	2 458	3 555	10 662
1989 to March 1990	325	449	658	898	265	243	246	208	293	785
1985 to 1988	742	1 100	1 735	1 856	691	578	473	389	772	2 257
1980 to 1984	442	883	1 418	1 475	661	489	383	410	432	1 966
1970 to 1979	935	1 570	2 082	2 777	957	838	803	598	984	2 693
1960 to 1969	426	811	1 045	1 786	456	421	463	372	483	1 364
1959 or earlier	596	1 002	1 051	1 804	458	759	671	481	591	1 597
Renter-occupied housing units	1 249	2 491	2 826	4 294	1 177	925	1 059	738	1 400	4 144
1989 to March 1990	453	1 034	1 103	1 600	462	266	314	261	448	1 593
1985 to 1988	479	825	961	1 550	342	323	399	290	546	1 569
1980 to 1984	131	325	345	511	167	128	131	85	206	551
1970 to 1979	131	210	293	376	143	105	139	58	140	268
1960 to 1969	32	28	80	147	13	56	48	10	25	67
1959 or earlier	23	69	44	110	50	47	28	34	35	96
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	3 466	5 815	7 989	10 596	3 488	3 328	3 039	2 458	3 555	10 662
Lacking complete plumbing facilities	54	32	119	39	16	58	23	33	18	42
1.00 or less	50	25	119	39	16	45	23	28	12	42
1.01 or more	4	7	—	—	—	13	—	5	6	—
Renter-occupied housing units	1 249	2 491	2 826	4 294	1 177	925	1 059	738	1 400	4 144
Lacking complete plumbing facilities	—	—	2	29	10	16	2	13	—	10
1.00 or less	—	—	2	29	10	16	2	13	—	10
1.01 or more	—	—	—	—	—	—	—	—	—	16
TELEPHONE IN UNIT										
Telephone in unit	4 532	7 859	10 329	14 480	4 493	4 039	3 916	2 988	4 749	14 022
No telephone in unit	183	447	486	410	172	214	182	208	206	784
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 451	2 450	2 814	3 944	1 208	1 458	1 605	1 114	1 640	3 430
Owner occupied	1 139	1 933	2 139	3 097	987	1 260	1 307	957	1 285	2 726
1-person households	730	1 136	1 291	1 977	603	659	731	490	820	1 589
Built 1939 or earlier	618	1 012	876	1 566	499	640	801	487	734	1 305
Mean household income in 1989 (dollars)	19 188	20 288	20 573	23 880	20 506	20 146	18 631	18 066	19 964	22 436
Female householder, no husband present	651	1 028	1 124	1 812	574	558	675	472	718	1 420
Lacking complete plumbing facilities	19	17	70	29	21	41	21	23	10	29
No vehicle available	232	419	463	571	196	188	257	198	237	580
No telephone in unit	24	65	48	37	13	37	33	12	29	77
1-person households	19	44	21	29	11	20	17	7	23	54
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	252	461	542	567	219	315	349	286	294	576
Married-couple families	120	211	186	135	99	152	126	100	95	184
With own children under 18 years	54	68	83	41	46	69	36	40	14	58
Families with female householder	44	25	105	95	25	10	39	42	48	94
With own children under 18 years	38	18	59	77	20	8	26	21	33	75
Householder 65 years and over	117	214	260	319	90	151	201	126	145	221
Householder worked in 1989	137	213	204	170	109	156	118	129	162	284
With public assistance income	43	34	108	102	25	20	74	49	40	95
With Social Security income	126	247	288	299	98	149	173	148	156	246
Mean household income deficit in 1989 (dollars)	2 884	2 867	3 635	3 193	3 692	3 572	3 254	3 211	3 118	3 593
Built 1939 or earlier	127	219	184	209	88	124	206	152	192	238
Lacking complete plumbing facilities	22	18	26	6	—	18	11	11	—	10
No vehicle available	34	109	111	114	38	62	55	34	31	85
No telephone in unit	20	17	64	42	11	20	14	40	14	25
1.01 or more persons per room	14	7	—	6	2	11	—	9	—	12
Renter-occupied housing units	261	742	672	924	242	165	288	277	292	996
Married-couple families	83	116	160	137	58	30	60	50	46	182
With own children under 18 years	55	83	97	107	46	8	54	50	26	146
Families with female householder	88	238	187	325	74	48	84	90	106	439
With own children under 18 years	78	224	186	311	73	48	81	85	106	427
Householder 65 years and over	74	178	200	179	40	51	99	43	94	152
Householder worked in 1989	122	412	315	550	180	62	138	157	111	540
With public assistance income	85	281	189	357	62	32	94	115	100	405
With Social Security income	91	225	187	207	53	68	88	51	90	195
Mean household income deficit in 1989 (dollars)	4 413	3 365	3 362	2 948	3 398	3 800	4 297	3 477	3 265	4 291
Built 1939 or earlier	112	230	229	339	119	81	115	64	118	453
Lacking complete plumbing facilities	—	—	2	9	—	5	—	6	—	—
No vehicle available	54	232	226	243	58	30	91	75	98	337
No telephone in unit	47	217	180	146	53	31	54	75	62	322
1.01 or more persons per room	14	12	32	24	7	10	2	26	2	49

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County	Ringgold County
Occupied housing units	5 980	2 817	6 687	4 183	8 417	3 820	129 237	31 262	7 158	2 218
HOUSE HEATING FUEL										
Utility gas	3 909	1 117	4 123	2 303	4 430	1 679	102 908	24 848	3 514	600
Bottled, tank, or LP gas	961	809	1 254	960	2 203	1 049	4 552	3 046	1 462	842
Electricity	807	325	678	448	1 047	360	18 504	2 125	1 108	306
Fuel oil, kerosene, etc.	240	490	371	356	592	654	764	513	847	308
Coal or coke	2	9	—	—	—	—	33	—	13	—
Wood	54	65	231	95	104	69	660	583	145	162
Solar energy	2	—	—	5	1	—	6	—	23	—
Other fuel	5	2	14	10	35	4	1 113	—	57	24
No fuel used	—	—	16	6	5	5	697	67	40	—
VEHICLES AVAILABLE										
None	324	144	605	260	432	210	9 809	—	393	99
1	1 840	850	1 933	1 338	2 317	1 177	43 435	9 558	2 252	625
2	2 654	1 230	2 609	1 862	3 690	1 514	52 804	12 369	2 641	923
3	837	379	1 114	525	1 410	632	17 108	4 944	1 412	413
4	209	150	267	138	436	186	4 339	1 403	328	75
5 or more	116	64	159	60	132	101	1 742	516	132	83
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	4 484	2 104	4 719	2 966	6 295	2 838	84 307	22 226	5 045	1 672
1989 to March 1990	357	123	255	231	487	166	9 145	1 737	431	108
1985 to 1988	746	254	777	501	1 184	431	22 107	4 504	1 020	252
1980 to 1984	727	331	783	321	1 018	421	11 578	3 249	672	231
1970 to 1979	1 200	601	1 296	798	1 697	744	18 520	5 501	1 542	477
1960 to 1969	713	353	715	471	887	461	11 333	3 546	613	256
1959 or earlier	741	442	893	644	1 022	615	11 624	3 689	767	348
Renter-occupied housing units	1 496	713	1 968	1 217	2 122	982	44 930	9 036	2 113	546
1989 to March 1990	594	210	683	403	638	280	20 935	3 651	710	163
1985 to 1988	422	262	741	427	706	291	16 348	3 145	812	197
1980 to 1984	228	93	233	183	277	128	4 454	1 056	268	75
1970 to 1979	161	69	205	90	291	179	2 355	793	214	60
1960 to 1969	45	29	46	82	101	52	557	197	68	17
1959 or earlier	46	50	60	32	109	52	281	194	41	34
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	4 484	2 104	4 719	2 966	6 295	2 838	84 307	22 226	5 045	1 672
Lacking complete plumbing facilities	9	4	7	27	28	22	198	73	34	29
1.00 or less	9	4	7	27	23	22	198	73	34	29
1.01 or more	—	—	—	—	5	—	—	—	—	—
Renter-occupied housing units	1 496	713	1 968	1 217	2 122	982	44 930	9 036	2 113	546
Lacking complete plumbing facilities	6	17	17	5	22	—	105	21	1	3
1.00 or less	6	17	17	5	22	—	9	21	1	3
1.01 or more	—	—	—	—	—	—	8	—	—	—
TELEPHONE IN UNIT										
Telephone in unit	5 822	2 739	6 368	4 037	8 281	3 704	125 557	30 115	6 964	2 143
No telephone in unit	158	78	319	146	136	116	3 680	1 147	194	75
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 933	927	2 282	1 432	2 364	1 296	25 049	7 383	2 028	839
Owner occupied	1 656	807	1 785	1 206	1 966	1 081	18 331	5 772	1 537	687
1-person households	928	487	1 218	737	1 077	646	12 417	3 487	931	409
Built 1939 or earlier	698	391	972	539	890	614	7 060	2 907	725	405
Mean household income in 1989 (dollars)	20 337	23 706	18 260	21 193	21 069	20 791	26 522	20 250	22 484	16 566
Female householder, no husband present	790	405	1 066	664	964	567	12 130	3 416	772	370
Lacking complete plumbing facilities	2	2	12	6	26	9	54	19	19	12
No vehicle available	229	111	422	171	341	159	5 356	1 403	270	81
No telephone in unit	4	10	51	19	27	16	346	106	3	10
1-person households	4	4	39	9	21	13	248	80	3	8
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	360	159	397	265	577	244	3 586	1 474	336	209
Married-couple families	147	51	138	130	232	96	977	469	127	78
With own children under 18 years	91	26	56	68	112	48	497	199	46	47
Families with female householder	29	14	31	13	36	21	682	182	31	2
With own children under 18 years	26	13	30	7	25	15	462	133	19	2
Householder 65 years and over	191	77	215	115	241	104	1 183	634	178	114
Householder worked in 1989	164	61	148	128	263	116	1 382	599	122	75
With public assistance income	34	16	67	24	59	10	706	191	29	29
With Social Security income	194	74	196	127	274	110	1 389	690	170	119
Mean household income deficit in 1989 (dollars)	2 937	2 816	3 160	3 187	3 819	3 660	3 595	3 120	3 378	3 461
Built 1939 or earlier	163	81	190	150	289	133	1 452	652	154	95
Lacking complete plumbing facilities	6	2	2	12	4	5	33	17	4	15
No vehicle available	60	21	98	50	68	21	663	318	41	26
No telephone in unit	2	12	13	9	22	15	206	90	5	9
1.01 or more persons per room	—	7	21	7	9	—	167	63	11	7
Renter-occupied housing units	427	127	574	356	362	174	8 300	2 070	472	167
Married-couple families	107	37	105	83	85	66	1 017	307	112	44
With own children under 18 years	79	28	77	72	59	53	753	233	99	35
Families with female householder	67	32	151	88	86	32	2 680	906	67	34
With own children under 18 years	67	32	146	88	86	30	2 463	866	67	28
Householder 65 years and over	92	24	202	53	113	50	1 261	314	139	71
Householder worked in 1989	282	99	259	231	193	110	4 569	1 009	263	81
With public assistance income	59	21	249	84	78	35	2 611	783	108	59
With Social Security income	110	33	235	52	130	54	1 627	492	154	62
Mean household income deficit in 1989 (dollars)	3 378	3 804	3 156	4 503	3 863	4 367	3 956	3 920	3 787	3 506
Built 1939 or earlier	186	57	174	100	159	62	2 195	687	148	58
Lacking complete plumbing facilities	6	—	3	5	—	—	19	4	1	—
No vehicle available	52	20	252	32	108	26	2 791	691	149	24
No telephone in unit	41	11	126	64	19	27	1 338	397	83	21
1.01 or more persons per room	10	8	13	1	7	6	736	150	5	4

DETAILED HOUSING CHARACTERISTICS

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County	Wapello County
Occupied housing units	4 914	57 438	5 024	9 925	25 941	6 768	2 859	5 173	3 056	14 555
HOUSE HEATING FUEL										
Utility gas	1 741	49 847	2 545	5 469	19 511	3 152	1 009	3 392	524	10 179
Bottled, tank, or LP gas	1 532	2 267	868	1 750	2 762	1 657	910	834	1 275	2 245
Electricity	582	4 143	813	1 622	2 677	509	417	552	465	1 220
Fuel oil, kerosene, etc.	983	506	594	879	539	970	286	102	265	217
Coal or coke	—	—	—	—	10	3	—	—	—	—
Wood	66	406	149	177	185	459	237	246	513	573
Solar energy	—	7	2	—	13	—	—	—	6	—
Other fuel	2	202	35	11	204	18	—	47	6	72
No fuel used	8	60	18	17	40	—	—	—	2	49
VEHICLES AVAILABLE										
None	319	4 523	243	477	1 428	408	163	522	231	1 345
1	1 450	18 394	1 421	2 747	9 213	1 965	912	1 534	826	4 855
2	2 045	23 677	2 173	4 593	10 404	2 554	1 014	1 830	1 183	5 388
3	747	7 964	862	1 577	3 577	1 333	606	900	570	2 218
4	258	1 972	252	423	1 041	358	99	309	211	557
5 or more	95	908	73	108	278	150	65	78	35	192
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	3 564	38 115	3 709	7 762	14 515	5 092	2 160	3 555	2 375	10 997
1989 to March 1990	188	3 565	173	678	1 454	236	124	185	187	961
1985 to 1988	547	8 343	615	1 381	3 676	820	385	646	498	2 091
1980 to 1984	461	5 367	531	1 124	2 430	688	343	491	327	1 535
1970 to 1979	1 025	9 751	1 079	2 197	3 619	1 448	598	1 109	659	2 793
1960 to 1969	573	6 160	618	1 276	1 812	721	337	584	267	1 552
1959 or earlier	770	4 929	693	1 106	1 524	1 179	373	540	437	2 065
Renter-occupied housing units	1 350	19 323	1 315	2 163	11 426	1 676	699	1 618	681	3 558
1989 to March 1990	456	9 301	436	758	6 223	580	250	642	229	1 471
1985 to 1988	438	6 757	418	758	3 698	506	255	592	245	1 289
1980 to 1984	165	1 756	203	274	878	239	81	230	103	357
1970 to 1979	180	1 069	130	198	395	216	77	130	63	294
1960 to 1969	26	266	53	62	132	53	17	21	13	95
1959 or earlier	85	177	75	113	100	82	19	3	28	52
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	3 564	38 115	3 709	7 762	14 515	5 092	2 160	3 555	2 375	10 997
Lacking complete plumbing facilities	24	60	29	47	35	91	30	26	80	62
1.00 or less	24	58	27	47	35	86	30	26	72	58
1.01 or more	—	2	2	—	—	5	—	—	8	4
Renter-occupied housing units	1 350	19 323	1 315	2 163	11 426	1 676	699	1 618	681	3 558
Lacking complete plumbing facilities	2	62	—	14	55	10	—	9	3	27
1.00 or less	2	54	—	14	55	9	—	9	3	27
1.01 or more	—	8	—	—	—	1	—	—	—	—
TELEPHONE IN UNIT										
Telephone in unit	4 776	55 535	4 910	9 750	25 423	6 498	2 722	4 898	2 875	13 618
No telephone in unit	138	1 903	114	175	518	270	137	275	181	937
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 857	11 743	1 623	2 692	4 636	2 224	1 107	1 842	1 096	4 547
Owner occupied	1 556	9 204	1 372	2 348	3 447	1 902	918	1 458	914	3 687
1-person households	854	5 618	692	1 225	2 167	960	519	960	542	2 278
Built 1939 or earlier	781	3 284	700	787	1 261	1 070	526	656	511	1 887
Mean household income in 1989 (dollars)	20 959	23 830	23 605	20 730	26 591	19 800	16 011	17 620	17 390	17 919
Female householder, no husband present	777	5 216	611	1 165	1 951	888	454	877	464	2 098
Lacking complete plumbing facilities	9	36	20	33	22	64	17	18	21	29
No vehicle available	245	2 316	179	298	662	305	139	294	153	855
No telephone in unit	24	136	21	19	12	38	10	26	28	24
1-person households	16	115	16	19	8	22	3	26	18	20
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	365	1 927	291	502	629	462	344	291	300	1 064
Married-couple families	143	666	131	242	209	151	155	105	147	311
With own children under 18 years	59	310	51	129	101	77	67	54	97	174
Families with female householder	24	354	4	29	65	53	19	12	18	156
With own children under 18 years	18	267	4	27	55	39	17	10	16	116
Householder 65 years and over	201	744	145	227	201	221	186	169	119	368
Householder worked in 1989	167	679	123	279	379	211	149	128	162	397
With public assistance income	42	273	50	33	57	45	47	31	47	256
With Social Security income	203	659	134	201	173	215	212	163	127	424
Mean household income deficit in 1989 (dollars)	3 308	3 712	3 790	3 690	2 875	2 821	2 907	3 274	4 085	3 460
Built 1939 or earlier	183	762	135	248	182	232	187	173	173	615
Lacking complete plumbing facilities	7	8	6	9	6	27	13	7	54	15
No vehicle available	63	298	37	46	71	70	46	76	50	248
No telephone in unit	10	112	15	19	30	27	28	27	74	147
1.01 or more persons per room	7	33	11	7	17	8	6	2	26	27
Renter-occupied housing units	247	5 047	250	447	3 725	295	228	532	184	1 195
Married-couple families	57	701	55	123	533	75	54	78	47	268
With own children under 18 years	47	515	55	98	332	40	43	52	40	184
Families with female householder	67	1 996	62	82	344	87	39	180	37	389
With own children under 18 years	67	1 841	62	67	335	66	35	161	35	352
Householder 65 years and over	76	578	57	116	176	74	73	157	66	215
Householder worked in 1989	125	2 512	172	304	2 939	150	100	225	93	544
With public assistance income	58	1 834	66	63	368	105	54	233	70	593
With Social Security income	86	832	60	138	238	82	81	188	66	268
Mean household income deficit in 1989 (dollars)	3 893	4 264	4 493	3 250	3 705	4 043	3 817	3 811	3 408	3 831
Built 1939 or earlier	83	1 870	113	146	558	114	96	150	61	418
Lacking complete plumbing facilities	—	17	—	—	10	7	—	2	3	21
No vehicle available	57	1 625	51	114	478	76	38	172	68	366
No telephone in unit	37	945	35	27	130	69	51	138	26	386
1.01 or more persons per room	6	259	—	12	198	5	5	15	7	35

Table 67. Fuel, Occupancy, and Social Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Warren County	Washington County	Wayne County	Webster County	Winnebago County	Winneshiak County	Woodbury County	Worth County	Wright County
Occupied housing units	12 659	7 454	2 953	15 963	4 704	7 256	36 899	3 239	5 899
HOUSE HEATING FUEL									
Utility gas	7 527	4 254	1 209	12 716	2 188	2 914	28 714	1 860	3 618
Bottled, tank, or LP gas	2 800	1 608	963	2 104	1 326	1 994	2 876	997	1 202
Electricity	1 536	874	480	684	402	810	3 408	163	592
Fuel oil, kerosene, etc.	213	269	98	124	668	782	1 038	119	402
Coal or coke	—	28	9	—	2	—	16	—	—
Wood	495	401	188	167	83	705	398	83	76
Solar energy	—	2	—	—	—	6	—	7	—
Other fuel	49	7	4	122	23	34	338	9	2
No fuel used	39	11	2	46	12	11	111	1	7
VEHICLES AVAILABLE									
None	466	463	250	1 389	289	442	3 551	193	380
1	3 239	2 214	894	5 198	1 507	2 150	12 833	933	1 817
2	5 265	3 091	1 134	6 559	1 920	2 924	14 145	1 361	2 668
3	2 648	1 193	502	2 042	718	1 185	4 569	525	777
4	690	379	124	568	186	418	1 338	167	158
5 or more	351	114	49	207	84	137	463	60	99
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	9 728	5 349	2 237	11 000	3 508	5 153	25 280	2 470	4 259
1989 to March 1990	955	380	205	1 033	222	333	2 329	138	272
1985 to 1988	2 052	1 113	348	1 997	597	888	4 967	381	665
1980 to 1984	1 586	847	334	1 563	583	702	3 743	309	736
1970 to 1979	2 870	1 448	645	2 764	980	1 304	6 227	743	1 183
1960 to 1969	1 383	703	309	1 715	434	747	3 522	348	666
1959 or earlier	882	858	396	1 928	692	1 179	4 492	551	737
Renter-occupied housing units	2 931	2 105	716	4 963	1 196	2 103	11 619	769	1 640
1989 to March 1990	1 150	658	227	1 896	389	862	5 106	224	525
1985 to 1988	1 099	830	248	1 735	413	623	4 069	265	560
1980 to 1984	319	331	115	618	186	242	1 165	123	192
1970 to 1979	277	207	94	498	127	221	796	97	217
1960 to 1969	46	16	28	96	38	54	256	39	64
1959 or earlier	40	63	4	120	43	101	227	21	82
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units	9 728	5 349	2 237	11 000	3 508	5 153	25 280	2 470	4 259
Lacking complete plumbing facilities	48	44	35	64	9	64	133	9	30
1.00 or less	48	44	35	64	9	64	124	9	30
1.01 or more	—	—	—	—	—	—	9	—	—
Renter-occupied housing units	2 931	2 105	716	4 963	1 196	2 103	11 619	769	1 640
Lacking complete plumbing facilities	8	20	—	29	8	18	65	16	2
1.00 or less	8	17	—	29	8	18	65	16	2
1.01 or more	—	3	—	—	—	—	—	—	—
TELEPHONE IN UNIT									
Telephone in unit	12 447	7 111	2 783	15 368	4 603	7 100	34 956	3 129	5 656
No telephone in unit	212	343	170	595	101	156	1 943	110	243
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	2 269	2 250	1 177	4 819	1 619	2 067	9 614	1 084	2 019
Owner occupied	1 634	1 757	978	3 696	1 387	1 595	7 719	917	1 579
1-person households	1 077	1 010	554	2 293	764	1 017	4 525	535	958
Built 1939 or earlier	630	883	520	1 701	574	964	4 530	497	739
Mean household income in 1989 (dollars)	21 747	22 810	17 562	21 439	20 088	20 084	20 588	21 437	23 298
Female householder, no husband present	953	925	469	2 064	700	863	4 279	495	788
Lacking complete plumbing facilities	22	31	18	47	9	43	56	10	28
No vehicle available	345	321	188	730	236	377	1 904	171	287
No telephone in unit	41	37	36	72	8	49	199	22	20
1-person households	33	21	34	44	8	40	152	15	20
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	498	347	338	691	307	545	1 754	212	302
Married-couple families	182	126	162	216	114	259	528	94	68
With own children under 18 years	77	73	79	100	54	144	259	27	21
Families with female householder	69	42	21	99	23	10	310	6	23
With own children under 18 years	56	29	18	77	14	1	184	2	18
Householder 65 years and over	159	175	157	295	147	265	744	80	154
Householder worked in 1989	259	163	137	264	134	284	769	104	107
With public assistance income	50	36	49	122	37	49	233	16	24
With Social Security income	186	164	163	311	150	253	830	91	178
Mean household income deficit in 1989 (dollars)	4 064	3 838	3 718	2 880	3 297	3 812	3 067	3 633	2 106
Built 1939 or earlier	134	173	159	349	125	292	909	108	100
Lacking complete plumbing facilities	26	13	2	10	—	22	65	4	—
No vehicle available	33	77	42	143	44	83	351	18	71
No telephone in unit	17	38	39	26	2	20	90	7	20
1.01 or more persons per room	4	13	2	3	2	18	35	—	—
Renter-occupied housing units	483	367	241	1 288	244	483	3 168	154	337
Married-couple families	69	118	62	200	66	87	381	36	59
With own children under 18 years	65	108	43	150	44	57	317	21	42
Families with female householder	153	56	48	427	55	79	1 265	33	84
With own children under 18 years	153	56	40	416	50	77	1 176	33	76
Householder 65 years and over	147	112	83	264	51	156	533	54	118
Householder worked in 1989	257	195	111	623	153	289	1 573	59	188
With public assistance income	154	129	71	525	49	129	1 450	58	87
With Social Security income	162	114	102	340	55	143	685	79	115
Mean household income deficit in 1989 (dollars)	3 417	3 867	3 595	3 336	3 738	3 463	4 008	3 195	3 122
Built 1939 or earlier	72	162	105	597	71	229	1 410	55	112
Lacking complete plumbing facilities	8	7	—	14	—	6	34	7	2
No vehicle available	139	127	72	527	50	90	1 205	43	98
No telephone in unit	64	120	51	300	34	64	849	16	105
1.01 or more persons per room	41	50	2	21	2	11	251	—	2

Table 68. Financial Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County	Buchanan County
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	3 419	2 005	5 268	5 609	2 936	8 518	46 932	9 827	8 394	7 506
Median income (dollars) -----	21 600	20 414	21 448	17 590	21 756	25 291	25 734	26 253	27 129	23 303
Owner occupied -----	2 514	1 454	3 993	4 177	2 233	6 368	31 593	7 064	6 298	5 630
Median income (dollars) -----	23 862	21 659	23 877	19 889	23 087	28 737	32 977	29 978	30 549	27 088
Renter occupied -----	905	551	1 275	1 432	703	2 150	15 339	2 763	2 096	1 876
Median income (dollars) -----	16 563	16 169	15 505	10 839	16 178	18 109	14 290	17 051	16 705	12 934
Specified owner-occupied housing units -----	1 556	793	2 337	2 721	1 460	4 604	27 478	5 285	4 627	3 840
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	604	252	945	1 022	529	2 187	16 028	2 765	2 456	1 935
Less than \$200 -----	20	6	27	38	32	21	140	5	17	28
\$200 to \$299 -----	106	59	66	157	118	177	969	160	147	216
\$300 to \$399 -----	155	61	208	230	139	430	2 699	550	411	444
\$400 to \$499 -----	129	68	179	188	95	504	3 363	668	520	455
\$500 to \$599 -----	83	25	227	163	68	453	2 795	480	391	359
\$600 to \$699 -----	52	8	106	132	32	270	2 181	340	368	264
\$700 to \$799 -----	25	10	47	38	17	195	1 407	240	220	64
\$800 to \$899 -----	29	—	32	38	14	80	862	126	192	51
\$900 to \$999 -----	5	1	33	20	3	27	568	45	71	33
\$1,000 to \$1,249 -----	—	14	16	7	7	22	620	107	72	8
\$1,250 to \$1,499 -----	—	—	2	6	4	8	215	15	36	6
\$1,500 to \$1,999 -----	—	—	—	5	—	—	138	22	6	—
\$2,000 or more -----	—	—	2	—	—	—	71	7	5	7
Median (dollars) -----	415	400	495	446	381	493	529	500	536	451
Mean (dollars) -----	449	435	514	481	425	514	584	556	579	486
Not mortgaged -----	952	541	1 392	1 699	931	2 417	11 450	2 520	2 171	1 905
Less than \$100 -----	114	71	104	244	55	67	308	66	60	119
\$100 to \$199 -----	615	319	738	1 050	565	1 236	5 032	1 055	1 163	1 204
\$200 to \$299 -----	181	126	471	326	233	937	4 679	1 070	844	502
\$300 to \$399 -----	33	21	43	58	65	139	1 064	259	83	67
\$400 to \$499 -----	6	4	17	15	11	29	221	20	21	11
\$500 or more -----	3	—	19	6	2	9	146	50	—	2
Median (dollars) -----	160	155	184	156	173	193	206	210	191	173
Mean (dollars) -----	169	168	193	165	183	198	218	220	197	178
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	604	252	945	1 022	529	2 187	16 028	2 765	2 456	1 935
Less than 10 percent -----	69	25	82	83	51	195	1 894	268	226	242
10 to 14 percent -----	149	59	172	246	129	521	4 261	670	648	551
15 to 19 percent -----	155	72	246	181	116	616	4 120	745	692	427
20 to 24 percent -----	103	24	163	192	48	401	2 542	524	369	257
25 to 29 percent -----	37	35	95	127	67	155	1 107	229	225	149
30 to 34 percent -----	30	14	45	53	25	86	642	78	100	79
35 percent or more -----	57	21	130	135	86	186	1 422	242	179	228
Not computed -----	4	2	12	5	7	27	40	9	17	2
Median -----	17.6	17.8	19.3	20.0	18.5	18.0	17.2	18.0	17.5	17.0
Not mortgaged -----	952	541	1 392	1 699	931	2 417	11 450	2 520	2 171	1 905
Less than 10 percent -----	462	212	545	636	348	989	4 788	968	958	966
10 to 14 percent -----	202	137	271	357	201	519	2 711	577	441	344
15 to 19 percent -----	128	91	162	252	127	331	1 277	374	260	230
20 to 24 percent -----	62	40	102	161	90	216	873	252	166	106
25 to 29 percent -----	38	31	66	110	40	81	523	128	105	69
30 to 34 percent -----	12	15	92	64	18	59	325	55	86	67
35 percent or more -----	46	13	146	108	93	217	820	149	145	93
Not computed -----	2	2	8	11	14	5	133	17	10	30
Median -----	10.3	12.1	12.7	12.9	12.7	12.1	11.6	12.5	11.4	10.0-
Specified renter-occupied housing units -----	617	370	1 009	1 244	444	1 644	14 882	2 357	1 813	1 464
GROSS RENT										
Less than \$100 -----	33	19	36	56	12	41	282	48	38	47
\$100 to \$149 -----	70	25	56	124	29	156	660	122	103	103
\$150 to \$199 -----	69	71	186	160	60	183	975	247	156	140
\$200 to \$249 -----	123	66	182	218	84	267	1 545	374	285	279
\$250 to \$299 -----	61	69	175	212	78	157	2 406	308	356	243
\$300 to \$349 -----	98	44	98	118	42	275	2 681	349	309	194
\$350 to \$399 -----	51	17	50	86	35	179	2 199	292	208	184
\$400 to \$449 -----	26	17	37	83	18	111	1 476	163	98	50
\$450 to \$499 -----	8	3	26	62	13	65	841	172	56	50
\$500 to \$549 -----	1	—	12	17	—	31	562	65	25	27
\$550 to \$599 -----	2	1	—	—	—	6	363	34	44	13
\$600 to \$649 -----	—	—	3	4	2	7	183	12	19	5
\$650 to \$699 -----	—	—	2	4	—	4	165	15	3	—
\$700 to \$749 -----	—	—	7	—	—	—	74	4	—	—
\$750 to \$999 -----	—	—	—	4	—	—	99	—	—	4
\$1,000 or more -----	—	—	—	—	2	7	9	—	—	—
No cash rent -----	75	38	139	96	63	155	362	152	113	125
Median (dollars) -----	241	239	242	253	253	275	326	300	288	278
Mean (dollars) -----	248	245	258	268	274	285	335	306	296	279

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County	Clarke County
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	7 515	6 036	4 684	7 964	6 177	6 684	19 061	5 514	5 040	3 343
Median income (dollars) -----	25 149	22 951	22 462	24 145	21 478	27 562	24 956	22 857	24 345	21 706
Owner occupied -----	5 098	4 685	3 358	5 844	4 434	4 885	13 114	3 906	3 950	2 419
Median income (dollars) -----	27 158	25 161	24 464	27 025	24 397	30 658	30 374	26 172	26 477	24 426
Renter occupied -----	2 417	1 351	1 326	2 120	1 743	1 799	5 947	1 608	1 090	924
Median income (dollars) -----	20 275	17 392	17 817	16 560	16 861	20 308	16 463	16 492	17 729	16 269
Specified owner-occupied housing units -----	3 846	3 276	2 525	4 581	3 115	3 256	10 771	2 923	2 737	1 498
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	1 913	1 411	1 014	2 156	1 307	1 542	6 196	1 225	1 185	692
Less than \$200 -----	21	30	32	9	32	24	33	20	29	5
\$200 to \$299 -----	163	169	128	180	178	56	406	126	118	95
\$300 to \$399 -----	524	412	288	395	273	206	1 044	403	284	168
\$400 to \$499 -----	364	390	218	583	271	333	1 331	283	272	154
\$500 to \$599 -----	337	208	180	387	291	384	1 261	167	234	88
\$600 to \$699 -----	170	90	76	274	95	209	737	74	110	75
\$700 to \$799 -----	138	44	36	146	68	172	462	68	62	85
\$800 to \$899 -----	70	35	36	44	54	104	301	68	39	5
\$900 to \$999 -----	54	15	7	61	12	38	216	—	10	13
\$1,000 to \$1,249 -----	39	10	10	42	16	11	244	4	11	4
\$1,250 to \$1,499 -----	14	4	—	—	5	5	83	1	14	—
\$1,500 to \$1,999 -----	10	4	—	6	12	—	35	11	2	—
\$2,000 or more -----	9	—	3	29	—	—	43	—	—	—
Median (dollars) -----	471	425	425	484	469	536	521	419	469	459
Mean (dollars) -----	528	452	463	547	491	555	587	472	492	483
Not mortgaged -----	1 933	1 865	1 511	2 425	1 808	1 714	4 575	1 698	1 552	806
Less than \$100 -----	73	117	104	120	164	60	136	91	125	81
\$100 to \$199 -----	1 140	1 195	944	1 391	1 227	822	2 551	1 039	875	401
\$200 to \$299 -----	538	482	383	725	347	670	1 518	471	492	270
\$300 to \$399 -----	150	62	60	149	55	148	254	60	40	46
\$400 to \$499 -----	10	6	19	29	9	8	89	8	10	4
\$500 or more -----	22	3	1	11	6	6	27	29	10	4
Median (dollars) -----	183	172	171	180	164	198	187	177	180	178
Mean (dollars) -----	196	177	179	191	168	207	199	187	186	184
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	1 913	1 411	1 014	2 156	1 307	1 542	6 196	1 225	1 185	692
Less than 10 percent -----	194	163	86	200	124	116	471	144	121	76
10 to 14 percent -----	398	422	247	446	345	329	1 377	329	312	157
15 to 19 percent -----	508	342	241	609	262	457	1 649	292	216	175
20 to 24 percent -----	352	193	186	347	288	318	1 256	206	247	80
25 to 29 percent -----	154	119	89	175	93	125	557	119	138	70
30 to 34 percent -----	74	34	57	148	50	83	304	39	56	44
35 percent or more -----	228	134	105	229	137	114	550	94	95	90
Not computed -----	5	4	3	2	8	—	32	2	—	—
Median -----	18.6	16.7	18.6	18.5	18.4	18.6	18.7	17.4	18.7	18.2
Not mortgaged -----	1 933	1 865	1 511	2 425	1 808	1 714	4 575	1 698	1 552	806
Less than 10 percent -----	785	814	657	970	790	762	1 877	774	679	286
10 to 14 percent -----	426	327	301	549	429	394	1 020	280	320	202
15 to 19 percent -----	292	258	152	325	231	185	598	255	186	123
20 to 24 percent -----	165	155	129	205	81	87	365	136	83	77
25 to 29 percent -----	84	105	70	127	97	78	208	52	80	35
30 to 34 percent -----	59	52	50	78	63	52	161	28	39	21
35 percent or more -----	114	142	142	159	109	143	326	160	161	62
Not computed -----	8	12	10	12	8	13	20	13	4	—
Median -----	12.1	11.7	11.6	12.2	11.3	11.1	12.0	11.2	11.5	12.9
Specified renter-occupied housing units -----	2 049	965	1 041	1 761	1 391	1 296	5 538	1 247	845	744
GROSS RENT										
Less than \$100 -----	65	18	39	71	47	13	69	84	43	26
\$100 to \$149 -----	173	97	90	110	69	63	344	121	67	36
\$150 to \$199 -----	137	64	128	178	172	107	443	128	102	75
\$200 to \$249 -----	322	130	170	248	229	111	631	256	125	88
\$250 to \$299 -----	285	188	205	304	263	202	765	195	225	156
\$300 to \$349 -----	357	165	105	305	163	335	955	154	125	90
\$350 to \$399 -----	228	79	79	151	148	84	835	93	46	91
\$400 to \$449 -----	156	47	38	116	76	153	524	56	29	39
\$450 to \$499 -----	105	26	18	64	60	70	338	15	8	31
\$500 to \$549 -----	74	13	4	2	16	39	198	4	—	28
\$550 to \$599 -----	26	5	9	34	26	12	120	13	11	7
\$600 to \$649 -----	3	—	—	6	—	2	22	14	—	3
\$650 to \$699 -----	4	2	—	12	6	1	17	12	—	—
\$700 to \$749 -----	—	—	2	7	—	—	7	1	—	—
\$750 to \$999 -----	—	—	4	4	2	7	41	—	—	7
\$1,000 or more -----	2	—	—	—	—	2	—	—	—	—
No cash rent -----	112	131	150	149	114	95	229	101	64	67
Median (dollars) -----	298	279	254	284	269	315	319	248	261	281
Mean (dollars) -----	300	276	260	289	283	320	324	260	255	299

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Clay County	Clayton County	Clinton County	Crawford County	Dallas County	Davis County	Decatur County	Delaware County	Des Moines County	Dickinson County
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	7 074	7 218	19 757	6 397	11 204	3 093	3 207	6 389	16 874	6 160
Median income (dollars) -----	24 377	21 337	24 872	22 477	28 681	19 347	17 925	25 896	26 612	25 062
Owner occupied -----	4 623	5 409	14 061	4 573	8 332	2 400	2 272	4 838	12 279	4 667
Median income (dollars) -----	28 568	23 147	29 973	25 373	33 450	20 946	21 017	28 109	31 394	27 849
Renter occupied -----	2 451	1 809	5 696	1 824	2 872	693	935	1 551	4 595	1 493
Median income (dollars) -----	17 158	16 480	16 362	17 464	19 294	14 116	11 123	17 307	15 426	16 356
Specified owner-occupied housing units -----	3 522	3 367	11 300	3 111	6 119	1 192	1 370	3 108	9 815	3 604
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	1 975	1 302	5 983	1 519	3 799	533	520	1 561	4 986	1 691
Less than \$200 -----	41	38	37	16	15	16	13	38	38	18
\$200 to \$299 -----	240	190	530	152	159	130	91	150	401	178
\$300 to \$399 -----	362	288	1 251	445	428	114	162	292	876	341
\$400 to \$499 -----	465	310	1 279	294	577	111	108	360	1 169	295
\$500 to \$599 -----	342	238	1 068	248	644	72	67	371	914	266
\$600 to \$699 -----	224	120	760	174	576	59	44	101	649	262
\$700 to \$799 -----	121	53	392	25	429	12	22	121	348	60
\$800 to \$899 -----	62	27	264	41	349	7	5	57	212	61
\$900 to \$999 -----	40	13	177	39	196	2	4	25	153	50
\$1,000 to \$1,249 -----	27	18	146	74	277	5	4	13	125	67
\$1,250 to \$1,499 -----	18	3	42	11	84	5	—	—	18	73
\$1,500 to \$1,999 -----	33	4	32	—	30	—	—	—	10	8
\$2,000 or more -----	—	—	5	—	35	—	—	5	20	16
Median (dollars) -----	471	437	491	451	613	407	396	480	501	505
Mean (dollars) -----	518	468	534	503	664	437	429	513	550	594
Not mortgaged -----	1 547	2 065	5 317	1 592	2 320	659	850	1 547	4 829	1 913
Less than \$100 -----	118	145	153	83	59	79	102	49	160	96
\$100 to \$199 -----	1 009	1 301	2 641	1 059	924	331	510	844	2 370	990
\$200 to \$299 -----	282	534	2 076	415	1 058	197	191	568	1 833	591
\$300 to \$399 -----	109	72	364	33	177	37	39	71	396	154
\$400 to \$499 -----	22	9	34	2	90	5	6	15	44	46
\$500 or more -----	7	4	49	—	12	10	2	—	26	36
Median (dollars) -----	167	171	196	169	213	181	157	189	196	188
Mean (dollars) -----	181	177	205	171	221	186	171	196	207	206
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	1 975	1 302	5 983	1 519	3 799	533	520	1 561	4 986	1 691
Less than 10 percent -----	165	128	565	119	223	50	34	173	504	220
10 to 14 percent -----	511	319	1 675	363	756	100	115	301	1 400	264
15 to 19 percent -----	515	311	1 648	391	1 053	99	126	381	1 239	494
20 to 24 percent -----	365	215	796	226	810	121	90	236	767	286
25 to 29 percent -----	151	134	488	164	423	61	77	172	469	125
30 to 34 percent -----	115	48	218	119	209	27	19	95	113	116
35 percent or more -----	151	145	578	130	325	75	59	198	479	183
Not computed -----	2	2	15	7	—	—	—	5	15	3
Median -----	18.0	18.3	17.3	18.5	19.4	20.7	19.4	19.0	17.3	18.6
Not mortgaged -----	1 547	2 065	5 317	1 592	2 320	659	850	1 547	4 829	1 913
Less than 10 percent -----	745	814	2 219	675	893	220	303	678	2 380	899
10 to 14 percent -----	305	489	1 217	342	489	173	194	351	943	409
15 to 19 percent -----	193	274	712	229	317	92	111	169	541	232
20 to 24 percent -----	141	149	290	102	183	34	83	130	298	146
25 to 29 percent -----	55	107	223	58	135	37	47	46	236	64
30 to 34 percent -----	39	82	190	43	94	38	25	29	108	37
35 percent or more -----	69	142	413	124	197	51	83	96	294	111
Not computed -----	—	8	53	19	12	14	4	48	29	15
Median -----	10.5	12.2	11.7	11.6	12.7	13.0	13.1	11.0	10.1	10.6
Specified renter-occupied housing units -----	2 074	1 229	5 159	1 426	2 521	478	786	1 080	4 350	1 272
GROSS RENT										
Less than \$100 -----	63	14	70	67	35	14	48	25	92	31
\$100 to \$149 -----	202	100	244	87	98	68	100	64	270	93
\$150 to \$199 -----	344	227	533	131	179	52	166	174	326	160
\$200 to \$249 -----	310	217	735	244	241	49	96	118	528	178
\$250 to \$299 -----	253	187	804	290	344	62	83	146	614	165
\$300 to \$349 -----	386	128	978	219	388	72	84	202	608	223
\$350 to \$399 -----	169	88	626	118	415	85	69	95	725	153
\$400 to \$449 -----	116	40	448	88	244	13	23	60	463	75
\$450 to \$499 -----	52	21	297	53	143	10	13	46	233	72
\$500 to \$549 -----	70	10	149	10	98	—	13	8	184	19
\$550 to \$599 -----	19	2	74	—	63	4	2	11	78	5
\$600 to \$649 -----	—	—	36	—	45	—	2	2	13	24
\$650 to \$699 -----	4	—	4	6	27	—	—	2	5	—
\$700 to \$749 -----	4	—	12	—	16	—	—	—	6	—
\$750 to \$999 -----	—	—	6	—	4	—	—	—	27	1
\$1,000 or more -----	—	—	—	4	18	—	2	3	4	1
No cash rent -----	82	195	143	109	163	49	81	124	174	72
Median (dollars) -----	263	240	306	273	337	283	219	280	321	289
Mean (dollars) -----	273	252	310	279	347	264	243	284	323	293

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Dubuque County	Emmet County	Fayette County	Floyd County	Franklin County	Fremont County	Greene County	Grundy County	Guthrie County	Hamilton County
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	30 799	4 461	8 490	6 721	4 579	3 217	4 195	4 776	4 407	6 358
Median income (dollars) -----	28 031	22 467	21 028	23 325	23 511	22 540	22 316	26 404	23 083	25 434
Owner occupied -----	21 931	3 210	6 315	4 921	3 296	2 327	3 007	3 553	3 328	4 515
Median income (dollars) -----	33 422	24 829	24 240	26 936	25 629	25 256	25 052	28 869	25 010	28 595
Renter occupied -----	8 868	1 251	2 175	1 800	1 283	890	1 188	1 223	1 079	1 843
Median income (dollars) -----	16 024	15 224	14 960	13 657	18 313	16 538	17 247	20 194	16 287	17 952
Specified owner-occupied housing units -----	17 489	2 530	4 460	3 714	2 361	1 529	2 220	2 614	2 215	3 415
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	9 725	1 099	1 969	1 741	979	639	968	1 132	933	1 756
Less than \$200 -----	18	26	86	48	7	9	31	12	19	43
\$200 to \$299 -----	340	174	403	187	113	74	152	69	67	128
\$300 to \$399 -----	1 290	339	445	451	268	157	206	247	208	363
\$400 to \$499 -----	1 908	299	487	378	253	164	259	281	207	458
\$500 to \$599 -----	1 882	141	238	245	147	113	110	210	144	272
\$600 to \$699 -----	1 645	75	129	166	93	56	72	141	72	223
\$700 to \$799 -----	911	23	108	87	37	30	45	81	86	116
\$800 to \$899 -----	713	8	41	97	31	13	51	34	27	97
\$900 to \$999 -----	382	2	12	35	22	6	26	35	23	19
\$1,000 to \$1,249 -----	297	11	13	13	8	16	16	12	60	16
\$1,250 to \$1,499 -----	104	—	—	17	—	9	—	6	9	12
\$1,500 to \$1,999 -----	151	1	7	6	—	—	—	4	11	9
\$2,000 or more -----	84	—	—	11	—	—	—	—	—	—
Median (dollars) -----	567	403	410	443	442	452	438	485	479	477
Mean (dollars) -----	626	422	437	505	474	480	470	524	556	514
Not mortgaged -----	7 764	1 431	2 491	1 973	1 382	890	1 252	1 482	1 282	1 659
Less than \$100 -----	56	121	226	93	71	39	92	54	57	94
\$100 to \$199 -----	3 312	883	1 680	1 250	793	519	761	810	734	861
\$200 to \$299 -----	3 555	376	518	572	434	276	317	528	424	548
\$300 to \$399 -----	592	30	45	57	68	47	60	61	51	107
\$400 to \$499 -----	142	8	20	1	14	7	17	18	12	38
\$500 or more -----	107	13	2	—	2	2	5	11	4	11
Median (dollars) -----	210	166	160	178	180	179	175	189	184	188
Mean (dollars) -----	222	172	166	183	189	188	186	198	189	198
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	9 725	1 099	1 969	1 741	979	639	968	1 132	933	1 756
Less than 10 percent -----	912	149	244	160	90	54	70	132	59	132
10 to 14 percent -----	2 255	260	518	385	276	154	265	270	250	385
15 to 19 percent -----	2 804	294	533	438	265	198	262	349	235	462
20 to 24 percent -----	1 863	208	278	329	163	81	139	165	101	344
25 to 29 percent -----	757	74	181	135	71	69	92	100	90	169
30 to 34 percent -----	388	14	71	104	52	15	51	46	78	98
35 percent or more -----	716	100	137	186	40	61	83	63	112	161
Not computed -----	30	—	7	4	22	7	6	7	8	5
Median -----	18.0	17.4	17.1	18.7	17.1	17.7	17.8	17.3	18.3	18.9
Not mortgaged -----	7 764	1 431	2 491	1 973	1 382	890	1 252	1 482	1 282	1 659
Less than 10 percent -----	3 818	676	1 063	891	502	335	524	621	494	760
10 to 14 percent -----	1 777	305	501	391	305	219	338	304	309	324
15 to 19 percent -----	821	169	300	255	149	98	109	176	155	209
20 to 24 percent -----	459	95	236	149	154	93	65	107	106	140
25 to 29 percent -----	268	76	115	91	113	38	59	52	73	83
30 to 34 percent -----	158	27	71	39	41	19	35	53	42	34
35 percent or more -----	432	71	181	152	104	79	105	160	85	101
Not computed -----	31	12	24	5	14	9	17	9	18	8
Median -----	10.1	10.5	11.7	11.2	13.0	12.4	11.4	11.9	12.2	11.0
Specified renter-occupied housing units -----	8 392	1 036	1 648	1 524	954	637	889	838	759	1 436
GROSS RENT										
Less than \$100 -----	132	30	77	92	21	25	31	12	7	6
\$100 to \$149 -----	334	84	143	127	81	62	83	54	46	77
\$150 to \$199 -----	582	165	240	185	101	65	139	114	78	230
\$200 to \$249 -----	1 231	208	292	217	114	102	91	118	85	200
\$250 to \$299 -----	1 382	148	190	271	204	119	153	158	150	185
\$300 to \$349 -----	1 346	178	319	242	145	74	103	118	93	184
\$350 to \$399 -----	1 208	63	140	128	109	62	82	61	92	209
\$400 to \$449 -----	789	41	66	71	48	23	32	50	61	110
\$450 to \$499 -----	467	12	24	27	42	15	27	36	29	68
\$500 to \$549 -----	273	2	8	19	—	10	9	7	12	39
\$550 to \$599 -----	122	5	7	—	12	7	15	2	4	17
\$600 to \$649 -----	144	6	—	17	—	—	13	—	8	8
\$650 to \$699 -----	69	—	—	4	—	—	—	—	—	11
\$700 to \$749 -----	32	—	—	—	—	—	3	—	—	—
\$750 to \$999 -----	12	9	—	—	—	—	—	—	4	8
\$1,000 or more -----	16	—	—	—	—	—	—	—	—	6
No cash rent -----	253	85	142	124	77	73	108	108	90	78
Median (dollars) -----	315	247	250	264	274	262	263	269	289	296
Mean (dollars) -----	326	260	256	263	279	265	272	277	300	310

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hancock County	Hardin County	Harrison County	Henry County	Howard County	Humboldt County	Ida County	Iowa County	Jackson County	Jasper County
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	4 867	7 611	5 656	7 089	3 856	4 339	3 222	5 713	7 527	13 632
Median income (dollars) -----	25 504	23 185	22 112	25 180	22 129	24 515	22 617	26 440	22 410	28 869
Owner occupied -----	3 551	5 476	4 212	5 212	3 008	3 159	2 309	4 349	5 551	10 172
Median income (dollars) -----	27 709	25 815	24 790	28 607	23 599	27 740	25 438	28 788	25 232	31 954
Renter occupied -----	1 316	2 135	1 444	1 877	848	1 180	913	1 364	1 976	3 460
Median income (dollars) -----	19 714	17 133	15 542	17 115	15 735	16 937	17 483	20 233	16 409	20 222
Specified owner-occupied housing units -----	2 506	4 201	2 909	3 686	1 980	2 422	1 620	2 912	3 504	7 823
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	1 273	1 966	1 262	2 009	812	1 004	573	1 313	1 515	4 419
Less than \$200 -----	14	8	19	2	19	2	15	17	31	46
\$200 to \$299 -----	68	198	97	161	128	119	80	64	96	278
\$300 to \$399 -----	281	513	225	360	175	280	155	238	340	677
\$400 to \$499 -----	302	508	302	445	187	234	110	303	412	935
\$500 to \$599 -----	219	320	234	415	126	158	81	267	257	869
\$600 to \$699 -----	207	209	159	276	38	75	72	163	179	471
\$700 to \$799 -----	75	72	100	142	113	76	20	119	74	497
\$800 to \$899 -----	37	41	89	72	7	21	20	68	26	290
\$900 to \$999 -----	32	45	15	40	6	18	8	24	51	179
\$1,000 to \$1,249 -----	15	37	8	69	8	—	9	39	35	126
\$1,250 to \$1,499 -----	18	8	14	19	5	5	2	9	7	27
\$1,500 to \$1,999 -----	5	2	—	6	—	16	1	2	7	4
\$2,000 or more -----	—	5	—	2	—	—	—	—	—	20
Median (dollars) -----	491	446	496	508	449	441	438	513	466	530
Mean (dollars) -----	531	490	528	547	475	489	472	546	512	571
Not mortgaged -----	1 233	2 235	1 647	1 677	1 168	1 418	1 047	1 599	1 989	3 404
Less than \$100 -----	50	75	63	75	80	42	41	51	78	106
\$100 to \$199 -----	564	1 258	915	905	754	807	617	790	1 147	1 887
\$200 to \$299 -----	489	720	549	575	298	498	299	600	632	1 171
\$300 to \$399 -----	115	118	90	94	26	47	72	125	124	204
\$400 to \$499 -----	13	57	13	17	8	24	10	14	8	19
\$500 or more -----	2	7	17	11	2	—	8	19	—	17
Median (dollars) -----	200	187	187	185	167	185	183	196	185	188
Mean (dollars) -----	207	200	201	194	174	190	195	209	192	200
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	1 273	1 966	1 262	2 009	812	1 004	573	1 313	1 515	4 419
Less than 10 percent -----	78	185	64	164	59	89	55	114	159	413
10 to 14 percent -----	257	462	269	462	151	262	147	323	348	1 177
15 to 19 percent -----	342	574	335	562	250	256	143	358	380	1 278
20 to 24 percent -----	237	282	247	332	143	205	72	258	216	830
25 to 29 percent -----	103	180	74	231	79	84	50	93	145	277
30 to 34 percent -----	99	72	78	110	24	54	33	61	82	129
35 percent or more -----	155	211	190	145	106	49	69	106	185	305
Not computed -----	2	—	5	3	—	5	4	—	—	10
Median -----	19.4	17.9	19.4	18.4	18.9	17.9	17.9	18.1	18.3	17.4
Not mortgaged -----	1 233	2 235	1 647	1 677	1 168	1 418	1 047	1 599	1 989	3 404
Less than 10 percent -----	446	871	591	751	492	665	469	614	858	1 586
10 to 14 percent -----	284	578	351	320	245	286	243	324	432	819
15 to 19 percent -----	148	252	278	258	141	217	111	223	166	361
20 to 24 percent -----	132	163	132	138	96	93	66	107	107	181
25 to 29 percent -----	72	112	96	91	47	48	52	81	132	147
30 to 34 percent -----	46	84	47	35	28	43	40	78	55	59
35 percent or more -----	102	155	148	68	115	55	62	154	210	214
Not computed -----	3	20	4	16	4	11	4	18	29	37
Median -----	13.0	12.0	13.3	11.2	11.8	10.7	11.1	12.7	11.4	10.6
Specified renter-occupied housing units -----	952	1 712	1 134	1 629	661	905	620	1 043	1 606	2 964
GROSS RENT										
Less than \$100 -----	28	12	23	47	7	4	23	15	23	54
\$100 to \$149 -----	43	140	83	115	80	115	46	51	184	138
\$150 to \$199 -----	89	153	133	85	108	68	76	65	178	297
\$200 to \$249 -----	138	266	170	219	151	163	100	201	259	356
\$250 to \$299 -----	170	296	168	256	74	187	102	134	246	512
\$300 to \$349 -----	240	225	169	232	65	86	89	216	247	537
\$350 to \$399 -----	82	212	120	225	64	125	49	109	160	461
\$400 to \$449 -----	39	148	59	151	25	44	36	69	90	190
\$450 to \$499 -----	34	52	23	88	9	25	26	17	59	126
\$500 to \$549 -----	8	53	23	26	—	19	7	24	12	65
\$550 to \$599 -----	3	24	26	33	—	13	4	2	34	39
\$600 to \$649 -----	2	—	—	15	—	—	1	2	—	2
\$650 to \$699 -----	—	—	—	10	—	—	2	—	—	10
\$700 to \$749 -----	—	—	—	4	—	—	2	—	3	13
\$750 to \$999 -----	—	—	—	11	—	4	—	—	2	—
\$1,000 or more -----	—	—	5	—	—	—	—	—	4	11
No cash rent -----	76	131	132	112	74	56	55	138	105	153
Median (dollars) -----	291	285	277	309	234	267	269	295	271	304
Mean (dollars) -----	285	293	287	317	250	278	278	291	282	309

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Jefferson County	Johnson County	Jones County	Keokuk County	Kossuth County	Lee County	Linn County	Louisa County	Lucas County	Lyon County
HOUSEHOLD INCOME IN 1989										
Occupied housing units	6 309	36 067	6 917	4 573	7 194	14 936	65 501	4 296	3 766	4 289
Median income (dollars)	22 813	27 925	24 116	21 955	23 183	24 245	31 779	25 549	21 060	22 453
Owner occupied	4 205	18 993	5 090	3 566	5 256	11 061	46 140	3 200	2 799	3 308
Median income (dollars)	27 332	41 758	26 915	23 681	26 029	28 417	37 396	27 350	24 326	24 261
Renter occupied	2 104	17 074	1 827	1 007	1 938	3 875	19 361	1 096	967	981
Median income (dollars)	15 696	16 886	18 842	16 890	16 904	13 892	19 276	20 042	14 072	18 693
Specified owner-occupied housing units	2 616	13 690	3 234	2 346	3 806	8 327	38 436	2 081	1 764	2 242
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	1 425	9 980	1 395	848	1 649	4 098	25 525	1 121	772	819
Less than \$200	28	22	17	29	53	30	59	12	21	21
\$200 to \$299	106	72	152	179	210	268	746	96	88	93
\$300 to \$399	163	424	317	249	421	759	3 050	225	239	237
\$400 to \$499	280	759	340	184	366	1 028	3 775	277	166	221
\$500 to \$599	272	1 311	226	126	295	761	4 518	215	92	95
\$600 to \$699	178	1 519	127	51	105	498	4 006	138	57	71
\$700 to \$799	127	1 448	86	7	101	315	3 140	69	68	18
\$800 to \$899	116	1 251	89	18	44	166	1 934	37	10	21
\$900 to \$999	60	886	9	3	26	103	1 407	25	17	12
\$1,000 to \$1,249	56	1 194	20	—	21	100	1 634	18	14	13
\$1,250 to \$1,499	21	557	7	2	—	44	561	2	—	17
\$1,500 to \$1,999	10	343	5	—	7	26	445	7	—	—
\$2,000 or more	8	194	—	—	—	—	250	—	—	—
Median (dollars)	552	764	454	384	437	496	614	482	416	426
Mean (dollars)	599	839	500	408	474	544	679	513	464	473
Not mortgaged	1 191	3 710	1 839	1 498	2 157	4 229	12 911	960	992	1 423
Less than \$100	21	13	89	160	101	84	159	61	75	86
\$100 to \$199	505	861	1 005	982	1 267	1 884	4 654	584	598	909
\$200 to \$299	444	1 696	657	315	679	1 769	6 290	266	260	340
\$300 to \$399	163	819	66	33	86	369	1 331	44	31	70
\$400 to \$499	34	208	18	4	22	83	188	5	19	14
\$500 or more	24	113	4	4	2	40	289	—	9	4
Median (dollars)	211	253	187	156	178	206	220	176	174	170
Mean (dollars)	227	269	194	164	185	219	232	183	183	182
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage	1 425	9 980	1 395	848	1 649	4 098	25 525	1 121	772	819
Less than 10 percent	113	829	138	116	140	343	2 583	135	76	68
10 to 14 percent	229	1 914	413	232	426	1 053	5 814	260	205	237
15 to 19 percent	403	2 496	400	200	434	1 014	7 083	286	183	192
20 to 24 percent	243	2 199	159	127	283	708	4 637	200	98	116
25 to 29 percent	94	1 108	112	49	132	286	2 145	115	65	65
30 to 34 percent	94	554	68	37	34	227	1 118	20	32	45
35 percent or more	222	856	103	82	200	444	2 100	105	107	96
Not computed	27	24	2	5	—	23	45	—	6	—
Median	19.4	19.5	16.8	16.8	18.0	18.2	18.1	17.9	17.8	17.7
Not mortgaged	1 191	3 710	1 839	1 498	2 157	4 229	12 911	960	992	1 423
Less than 10 percent	439	1 901	754	743	973	1 761	5 921	438	405	605
10 to 14 percent	276	759	414	279	498	870	2 933	193	238	346
15 to 19 percent	117	341	178	101	263	511	1 680	101	138	166
20 to 24 percent	91	208	120	93	140	333	836	86	84	76
25 to 29 percent	82	139	109	66	90	241	431	26	48	63
30 to 34 percent	42	95	82	20	66	151	279	30	24	49
35 percent or more	136	224	157	90	101	325	704	81	49	101
Not computed	8	43	25	14	26	37	127	5	6	17
Median	12.8	10.0	11.8	10.0	10.9	11.9	10.8	11.0	11.8	11.4
Specified renter-occupied housing units	1 823	16 531	1 404	711	1 438	3 619	18 754	860	831	652
GROSS RENT										
Less than \$100	22	79	7	44	78	48	230	15	50	23
\$100 to \$149	116	195	111	75	130	273	561	58	88	59
\$150 to \$199	159	572	129	69	185	356	879	40	131	86
\$200 to \$249	178	774	214	109	204	575	978	98	90	89
\$250 to \$299	202	1 381	314	111	173	515	2 256	167	171	119
\$300 to \$349	189	2 140	283	86	212	538	3 166	137	126	69
\$350 to \$399	199	2 336	100	44	175	496	2 837	133	65	45
\$400 to \$449	221	2 478	66	31	76	295	2 605	56	6	12
\$450 to \$499	132	1 701	13	9	22	112	1 798	47	13	16
\$500 to \$549	73	1 201	20	10	—	79	1 135	20	17	—
\$550 to \$599	50	843	5	2	5	41	697	1	13	—
\$600 to \$649	47	700	7	2	4	7	366	3	—	3
\$650 to \$699	5	611	—	—	—	5	269	2	—	2
\$700 to \$749	9	361	—	—	—	3	130	2	—	—
\$750 to \$999	39	635	2	1	—	36	340	—	—	—
\$1,000 or more	6	173	—	—	—	12	42	—	—	—
No cash rent	176	351	133	118	174	228	465	81	61	129
Median (dollars)	336	412	278	250	258	293	371	303	259	251
Mean (dollars)	351	437	279	252	262	302	380	306	252	250

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County	Muscatine County
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	4 715	8 306	10 815	14 890	4 665	4 253	4 098	3 196	4 955	14 806
Median income (dollars) -----	26 346	23 113	27 978	27 866	27 191	24 570	20 208	20 311	22 663	29 250
Owner occupied -----	3 466	5 815	7 989	10 596	3 488	3 328	3 039	2 458	3 555	10 662
Median income (dollars) -----	28 612	27 127	31 175	32 628	31 334	26 011	21 875	23 028	25 110	33 428
Renter occupied -----	1 249	2 491	2 826	4 294	1 177	925	1 059	738	1 400	4 144
Median income (dollars) -----	19 229	14 606	17 824	18 020	17 653	18 225	15 637	13 409	17 410	18 883
Specified owner-occupied housing units -----	2 031	4 075	5 851	8 505	2 392	2 264	2 089	1 469	2 627	8 079
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	1 027	2 057	3 254	4 829	1 472	963	744	612	1 206	4 771
Less than \$200 -----	10	46	9	14	2	48	16	23	24	18
\$200 to \$299 -----	61	168	151	222	88	218	148	66	114	160
\$300 to \$399 -----	187	451	518	658	243	232	219	141	226	552
\$400 to \$499 -----	204	479	635	954	323	197	145	177	310	870
\$500 to \$599 -----	214	381	615	998	225	142	120	57	209	924
\$600 to \$699 -----	138	211	451	784	220	75	59	103	115	723
\$700 to \$799 -----	92	124	314	456	167	27	9	30	93	569
\$800 to \$899 -----	60	60	197	236	85	15	23	5	35	368
\$900 to \$999 -----	23	43	190	223	32	5	4	—	28	147
\$1,000 to \$1,249 -----	26	51	121	144	66	—	1	10	33	348
\$1,250 to \$1,499 -----	8	22	29	81	15	—	—	—	10	44
\$1,500 to \$1,999 -----	4	21	16	43	6	4	—	—	5	43
\$2,000 or more -----	—	—	8	16	—	—	—	—	4	5
Median (dollars) -----	521	476	552	556	530	393	394	438	480	585
Mean (dollars) -----	553	523	596	601	576	420	426	468	526	631
Not mortgaged -----	1 004	2 018	2 597	3 676	920	1 301	1 345	857	1 421	3 308
Less than \$100 -----	71	96	77	52	35	86	102	47	92	65
\$100 to \$199 -----	577	1 052	1 370	1 336	420	859	843	475	789	1 641
\$200 to \$299 -----	271	663	1 022	1 735	364	299	343	251	451	1 299
\$300 to \$399 -----	55	160	100	411	80	51	38	75	58	239
\$400 to \$499 -----	21	40	9	95	19	2	15	7	27	35
\$500 or more -----	9	7	19	47	2	4	4	2	4	29
Median (dollars) -----	177	189	192	221	201	167	165	180	181	198
Mean (dollars) -----	191	202	199	232	207	174	174	193	190	207
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	1 027	2 057	3 254	4 829	1 472	963	744	612	1 206	4 771
Less than 10 percent -----	44	167	239	382	125	137	117	60	120	396
10 to 14 percent -----	279	472	770	1 218	383	280	132	101	210	1 066
15 to 19 percent -----	253	538	885	1 325	379	262	127	173	332	1 371
20 to 24 percent -----	127	418	610	804	209	114	140	113	214	808
25 to 29 percent -----	109	164	268	491	145	43	63	45	106	435
30 to 34 percent -----	78	114	154	183	101	32	58	26	83	224
35 percent or more -----	132	174	318	426	128	95	99	94	139	459
Not computed -----	5	10	10	—	2	—	8	—	2	12
Median -----	18.7	18.6	18.5	18.1	18.0	16.2	19.7	19.2	19.1	18.3
Not mortgaged -----	1 004	2 018	2 597	3 676	920	1 301	1 345	857	1 421	3 308
Less than 10 percent -----	464	847	1 331	1 564	357	587	548	300	568	1 619
10 to 14 percent -----	187	395	532	778	217	255	286	211	341	659
15 to 19 percent -----	153	335	275	532	131	184	183	150	203	350
20 to 24 percent -----	86	147	148	287	54	105	117	78	92	235
25 to 29 percent -----	53	116	82	123	45	69	87	36	73	131
30 to 34 percent -----	11	49	100	99	33	35	53	10	28	92
35 percent or more -----	42	127	129	250	77	58	60	72	109	193
Not computed -----	8	2	—	43	6	8	11	—	7	29
Median -----	10.9	12.0	10.0	11.6	12.3	11.2	12.1	13.0	12.0	10.2
Specified renter-occupied housing units -----	951	2 094	2 497	3 855	960	633	790	585	1 160	3 763
GROSS RENT										
Less than \$100 -----	9	66	28	47	10	16	19	32	43	118
\$100 to \$149 -----	115	187	180	116	64	69	75	53	81	264
\$150 to \$199 -----	71	231	214	310	80	115	135	48	132	259
\$200 to \$249 -----	132	269	197	436	65	120	124	80	249	321
\$250 to \$299 -----	136	295	394	635	157	103	111	126	167	445
\$300 to \$349 -----	113	231	327	653	149	64	108	91	154	459
\$350 to \$399 -----	135	255	362	597	125	39	71	52	104	566
\$400 to \$449 -----	61	186	241	376	92	12	12	36	54	480
\$450 to \$499 -----	67	135	176	218	41	2	8	4	7	349
\$500 to \$549 -----	16	70	100	125	27	2	—	5	20	112
\$550 to \$599 -----	13	31	56	52	15	—	7	—	6	106
\$600 to \$649 -----	23	3	21	16	28	12	—	—	2	53
\$650 to \$699 -----	4	2	6	39	5	—	—	4	—	20
\$700 to \$749 -----	—	6	5	8	—	—	—	—	—	20
\$750 to \$999 -----	—	—	23	7	8	—	—	—	6	23
\$1,000 or more -----	—	—	2	7	—	—	—	5	—	7
No cash rent -----	56	127	165	213	94	79	120	49	125	161
Median (dollars) -----	295	289	322	324	320	235	242	266	254	343
Mean (dollars) -----	304	297	329	327	330	244	248	282	272	341

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County	Ringgold County
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	5 980	2 817	6 687	4 183	8 417	3 820	129 237	31 262	7 158	2 218
Median income (dollars) -----	22 690	22 990	22 299	21 207	26 471	23 318	30 995	26 568	25 968	21 000
Owner occupied -----	4 484	2 104	4 719	2 966	6 295	2 838	84 307	22 226	5 045	1 672
Median income (dollars) -----	25 440	25 164	25 745	23 815	29 375	25 068	37 676	30 749	29 984	22 581
Renter occupied -----	1 496	713	1 968	1 217	2 122	982	44 930	9 036	2 113	546
Median income (dollars) -----	16 313	18 155	15 425	15 407	20 015	19 091	21 021	17 887	18 930	12 849
Specified owner-occupied housing units -----	3 476	1 523	3 464	2 136	4 299	2 052	73 454	18 439	3 531	855
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	1 448	535	1 629	850	2 049	778	51 039	11 165	1 869	294
Less than \$200 -----	44	37	34	38	30	41	120	43	24	14
\$200 to \$299 -----	182	78	133	118	149	144	882	632	109	49
\$300 to \$399 -----	360	172	417	239	288	247	3 874	1 531	264	81
\$400 to \$499 -----	310	81	334	193	510	170	6 615	2 124	433	38
\$500 to \$599 -----	203	88	301	118	389	73	7 752	2 270	363	49
\$600 to \$699 -----	132	26	179	65	294	47	7 556	1 416	231	29
\$700 to \$799 -----	74	13	90	49	149	23	6 630	1 228	199	10
\$800 to \$899 -----	76	16	49	17	109	17	5 083	729	127	9
\$900 to \$999 -----	27	13	41	5	72	2	3 634	417	70	2
\$1,000 to \$1,249 -----	33	8	42	3	34	8	4 822	547	37	4
\$1,250 to \$1,499 -----	2	3	—	—	13	2	1 976	168	12	—
\$1,500 to \$1,999 -----	5	—	9	5	12	1	1 389	45	—	9
\$2,000 or more -----	—	—	—	—	—	3	706	15	—	—
Median (dollars) -----	443	380	457	414	511	380	683	553	525	409
Mean (dollars) -----	490	433	501	442	548	426	760	599	559	486
Not mortgaged -----	2 028	988	1 835	1 286	2 250	1 274	22 415	7 274	1 662	561
Less than \$100 -----	165	105	73	116	98	144	292	115	67	65
\$100 to \$199 -----	1 246	697	873	835	1 201	853	6 336	2 986	791	362
\$200 to \$299 -----	513	156	636	278	776	228	10 533	3 339	636	117
\$300 to \$399 -----	69	14	174	41	136	40	3 859	633	134	17
\$400 to \$499 -----	23	9	59	9	26	5	744	108	7	—
\$500 or more -----	12	7	20	7	13	4	651	93	27	—
Median (dollars) -----	165	158	197	165	189	156	238	213	197	156
Mean (dollars) -----	179	165	214	174	198	165	254	222	208	165
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	1 448	535	1 629	850	2 049	778	51 039	11 165	1 869	294
Less than 10 percent -----	128	70	105	76	153	143	3 795	809	210	28
10 to 14 percent -----	445	225	445	172	492	211	8 810	2 335	346	78
15 to 19 percent -----	359	118	473	236	584	180	13 136	2 765	477	66
20 to 24 percent -----	214	62	173	130	370	108	11 104	2 100	366	37
25 to 29 percent -----	90	18	165	90	184	48	5 903	1 332	188	26
30 to 34 percent -----	52	2	67	53	49	20	3 004	612	105	10
35 percent or more -----	141	40	193	93	209	64	5 150	1 187	177	49
Not computed -----	19	—	8	—	8	4	137	25	—	—
Median -----	17.0	14.4	17.8	18.8	18.2	15.9	19.9	19.4	19.0	18.1
Not mortgaged -----	2 028	988	1 835	1 286	2 250	1 274	22 415	7 274	1 662	561
Less than 10 percent -----	992	456	725	601	1 001	635	8 721	2 584	781	216
10 to 14 percent -----	404	223	432	312	466	262	5 141	1 792	310	121
15 to 19 percent -----	217	114	202	109	228	141	2 896	1 023	166	82
20 to 24 percent -----	178	94	188	97	154	87	2 027	556	81	46
25 to 29 percent -----	71	30	64	64	97	41	1 150	408	107	39
30 to 34 percent -----	24	39	65	32	83	40	592	231	46	15
35 percent or more -----	133	27	146	65	214	58	1 741	648	160	38
Not computed -----	9	5	13	6	7	10	147	32	11	4
Median -----	10.2	10.8	12.2	10.6	11.3	10.0	12.3	12.9	10.7	12.6
Specified renter-occupied housing units -----	1 175	499	1 674	905	1 682	657	44 547	8 431	1 701	364
GROSS RENT										
Less than \$100 -----	45	7	70	51	69	13	246	151	85	13
\$100 to \$149 -----	87	21	216	80	83	68	1 417	488	56	48
\$150 to \$199 -----	131	100	171	76	154	86	1 024	398	160	41
\$200 to \$249 -----	246	73	300	226	178	134	2 013	496	254	39
\$250 to \$299 -----	199	75	224	186	293	120	2 649	843	234	69
\$300 to \$349 -----	128	103	237	90	176	101	3 949	1 166	227	42
\$350 to \$399 -----	89	29	120	72	248	28	5 508	1 211	219	32
\$400 to \$449 -----	34	12	84	42	130	23	6 714	1 056	153	13
\$450 to \$499 -----	27	9	73	—	102	7	6 134	977	76	8
\$500 to \$549 -----	12	—	9	—	37	—	4 622	651	54	7
\$550 to \$599 -----	—	4	13	—	9	—	3 078	327	35	—
\$600 to \$649 -----	9	—	13	—	5	2	2 022	167	19	—
\$650 to \$699 -----	—	—	1	—	18	—	1 455	70	20	—
\$700 to \$749 -----	—	2	6	—	7	—	841	21	—	—
\$750 to \$999 -----	—	—	—	—	16	—	1 437	42	4	—
\$1,000 or more -----	—	2	—	—	—	—	411	14	5	2
No cash rent -----	168	62	137	82	157	75	1 027	353	100	50
Median (dollars) -----	249	263	252	243	298	247	437	374	302	258
Mean (dollars) -----	260	270	266	244	312	250	447	368	313	261

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County	Wapello County
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	4 914	57 438	5 024	9 925	25 941	6 768	2 859	5 173	3 056	14 555
Median income (dollars) -----	21 683	29 678	22 566	25 762	26 550	23 962	18 325	20 900	18 903	21 005
Owner occupied -----	3 564	38 115	3 709	7 762	14 515	5 092	2 160	3 555	2 375	10 997
Median income (dollars) -----	23 738	37 006	24 961	28 263	37 193	25 899	20 698	24 765	20 370	24 279
Renter occupied -----	1 350	19 323	1 315	2 163	11 426	1 676	699	1 618	681	3 558
Median income (dollars) -----	17 146	17 256	17 781	18 650	15 948	20 050	12 140	11 989	15 417	12 176
Specified owner-occupied housing units -----	2 613	33 011	2 511	5 630	11 370	3 442	1 354	2 506	1 326	8 569
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	912	22 519	1 069	2 560	7 668	1 411	405	1 079	488	3 787
Less than \$200 -----	52	110	14	41	25	10	23	21	18	100
\$200 to \$299 -----	144	727	125	204	195	134	73	170	100	694
\$300 to \$399 -----	312	2 420	285	511	620	326	107	267	170	953
\$400 to \$499 -----	189	3 354	220	622	1 012	345	78	240	82	782
\$500 to \$599 -----	91	3 862	163	495	1 236	287	60	140	70	498
\$600 to \$699 -----	60	3 487	74	270	1 213	142	26	55	11	262
\$700 to \$799 -----	32	2 508	71	159	1 083	67	6	69	10	190
\$800 to \$899 -----	18	1 800	50	91	727	26	9	40	14	120
\$900 to \$999 -----	10	1 362	15	45	490	39	2	32	1	44
\$1,000 to \$1,249 -----	4	1 608	45	93	615	29	20	45	12	92
\$1,250 to \$1,499 -----	—	692	—	8	269	1	—	—	—	25
\$1,500 to \$1,999 -----	—	377	7	18	124	2	—	—	—	27
\$2,000 or more -----	—	212	—	3	59	3	—	—	—	—
Median (dollars) -----	383	622	459	484	662	466	400	423	365	414
Mean (dollars) -----	417	689	504	531	716	500	451	486	419	471
Not mortgaged -----	1 701	10 492	1 442	3 070	3 702	2 031	949	1 427	838	4 782
Less than \$100 -----	136	118	71	168	26	93	122	101	64	499
\$100 to \$199 -----	1 135	3 477	764	1 759	1 074	1 068	629	796	547	3 421
\$200 to \$299 -----	346	5 161	496	968	1 858	732	183	497	207	701
\$300 to \$399 -----	67	1 257	101	136	588	113	13	23	15	86
\$400 to \$499 -----	7	303	8	27	76	14	—	6	—	59
\$500 or more -----	10	176	2	12	80	11	2	4	5	16
Median (dollars) -----	162	225	189	181	238	190	151	178	165	148
Mean (dollars) -----	173	236	198	190	249	199	158	182	174	161
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	912	22 519	1 069	2 560	7 668	1 411	405	1 079	488	3 787
Less than 10 percent -----	107	2 150	126	238	552	96	40	122	14	535
10 to 14 percent -----	217	4 939	213	523	1 770	386	118	327	119	1 050
15 to 19 percent -----	229	5 778	255	737	1 845	368	104	251	131	849
20 to 24 percent -----	158	4 159	188	428	1 536	253	48	176	67	487
25 to 29 percent -----	78	2 086	91	231	916	119	16	74	45	319
30 to 34 percent -----	27	1 167	93	143	398	59	20	51	32	117
35 percent or more -----	93	2 204	98	257	642	124	59	78	74	419
Not computed -----	3	36	5	3	9	6	—	—	6	11
Median -----	17.8	18.6	18.8	18.5	19.1	18.0	17.1	16.8	19.1	16.8
Not mortgaged -----	1 701	10 492	1 442	3 070	3 702	2 031	949	1 427	838	4 782
Less than 10 percent -----	828	4 558	619	1 588	1 859	785	371	615	317	2 400
10 to 14 percent -----	368	2 407	332	630	784	450	197	240	187	1 043
15 to 19 percent -----	171	1 155	152	292	379	236	137	208	122	538
20 to 24 percent -----	115	701	112	192	186	154	91	124	60	313
25 to 29 percent -----	68	475	70	115	143	138	59	52	41	137
30 to 34 percent -----	51	290	32	60	93	90	33	73	26	102
35 percent or more -----	85	796	117	163	235	165	59	109	76	232
Not computed -----	15	110	8	30	23	13	2	6	9	17
Median -----	10.2	11.3	11.5	10.0	10.0	12.5	12.6	12.0	12.6	10.0
Specified renter-occupied housing units -----	926	19 008	956	1 734	11 081	1 233	479	1 446	495	3 276
GROSS RENT										
Less than \$100 -----	23	123	13	86	65	18	20	54	12	105
\$100 to \$149 -----	73	581	81	164	280	53	35	173	53	290
\$150 to \$199 -----	153	878	110	175	510	92	105	128	71	451
\$200 to \$249 -----	152	1 590	178	235	503	166	67	189	93	442
\$250 to \$299 -----	142	2 291	151	328	1 329	180	66	166	80	487
\$300 to \$349 -----	104	3 171	90	223	1 309	211	44	244	33	429
\$350 to \$399 -----	65	3 069	83	141	1 675	174	40	204	39	380
\$400 to \$449 -----	33	2 486	44	97	1 348	86	21	104	19	302
\$450 to \$499 -----	24	1 728	21	29	1 448	38	11	41	11	124
\$500 to \$549 -----	8	957	29	39	916	14	6	39	9	27
\$550 to \$599 -----	12	547	8	21	533	4	—	13	—	37
\$600 to \$649 -----	9	401	9	—	274	—	—	2	—	10
\$650 to \$699 -----	—	231	—	—	232	—	—	—	—	—
\$700 to \$749 -----	—	161	—	6	143	5	—	—	—	—
\$750 to \$999 -----	2	303	13	—	190	8	—	—	—	6
\$1,000 or more -----	—	100	—	—	84	—	—	—	—	—
No cash rent -----	126	391	126	181	242	184	64	89	75	186
Median (dollars) -----	250	361	264	267	392	304	235	292	243	280
Mean (dollars) -----	266	376	289	273	404	303	249	282	254	281

Table 68. **Financial Characteristics: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Warren County	Washington County	Wayne County	Webster County	Winnebago County	Winneshek County	Woodbury County	Worth County	Wright County
HOUSEHOLD INCOME IN 1989									
Occupied housing units -----	12 659	7 454	2 953	15 963	4 704	7 256	36 899	3 239	5 899
Median income (dollars) -----	32 296	25 425	17 728	23 575	22 975	24 669	24 507	22 983	24 513
Owner occupied -----	9 728	5 349	2 237	11 000	3 508	5 153	25 280	2 470	4 259
Median income (dollars) -----	36 264	28 027	19 534	27 651	25 472	27 934	29 683	24 581	27 327
Renter occupied -----	2 931	2 105	716	4 963	1 196	2 103	11 619	769	1 640
Median income (dollars) -----	19 717	18 969	12 403	15 272	15 894	17 140	15 703	18 861	16 227
Specified owner-occupied housing units -----	6 946	3 685	1 375	8 839	2 650	3 035	21 115	1 594	3 299
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage -----	5 052	1 859	390	4 567	1 281	1 598	11 887	747	1 518
Less than \$200 -----	17	28	29	61	10	17	70	19	22
\$200 to \$299 -----	151	159	98	381	99	77	670	92	157
\$300 to \$399 -----	509	375	101	1 093	277	186	1 953	199	424
\$400 to \$499 -----	707	406	76	1 032	298	441	2 274	171	357
\$500 to \$599 -----	919	324	52	777	268	256	2 441	143	215
\$600 to \$699 -----	912	257	18	484	125	208	1 424	52	180
\$700 to \$799 -----	706	136	6	269	75	178	1 176	21	82
\$800 to \$899 -----	475	78	4	196	61	99	710	23	46
\$900 to \$999 -----	253	53	4	98	42	51	395	14	22
\$1,000 to \$1,249 -----	294	13	2	117	17	47	464	9	8
\$1,250 to \$1,499 -----	81	6	—	45	5	9	108	—	5
\$1,500 to \$1,999 -----	10	23	—	7	4	21	140	4	—
\$2,000 or more -----	18	1	—	7	—	8	62	—	—
Median (dollars) -----	623	489	360	472	488	528	538	432	439
Mean (dollars) -----	653	528	389	518	518	598	594	468	477
Not mortgaged -----	1 894	1 826	985	4 272	1 369	1 437	9 228	847	1 781
Less than \$100 -----	29	108	99	151	116	55	267	55	65
\$100 to \$199 -----	735	974	614	2 008	821	735	4 413	474	893
\$200 to \$299 -----	922	613	210	1 634	359	531	3 420	266	638
\$300 to \$399 -----	169	116	52	388	45	96	773	30	144
\$400 to \$499 -----	33	8	8	62	20	11	219	17	26
\$500 or more -----	6	7	2	29	8	9	136	5	15
Median (dollars) -----	214	185	166	199	173	191	199	183	194
Mean (dollars) -----	220	192	174	208	183	199	214	192	206
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
With a mortgage -----	5 052	1 859	390	4 567	1 281	1 598	11 887	747	1 518
Less than 10 percent -----	381	170	33	363	81	132	1 008	62	126
10 to 14 percent -----	1 095	468	74	1 127	311	304	2 539	177	410
15 to 19 percent -----	1 367	468	107	1 130	363	420	3 272	211	411
20 to 24 percent -----	1 020	330	51	812	220	303	2 042	126	225
25 to 29 percent -----	540	178	41	460	100	162	1 281	62	135
30 to 34 percent -----	266	89	25	226	46	78	570	24	51
35 percent or more -----	357	155	55	431	158	199	1 143	78	160
Not computed -----	26	1	4	18	2	—	32	7	—
Median -----	18.8	18.1	19.0	18.5	18.4	19.3	18.6	18.1	17.7
Not mortgaged -----	1 894	1 826	985	4 272	1 369	1 437	9 228	847	1 781
Less than 10 percent -----	887	914	352	1 753	579	649	3 440	346	831
10 to 14 percent -----	400	366	215	1 011	298	295	2 314	180	352
15 to 19 percent -----	227	227	132	644	180	143	1 245	113	230
20 to 24 percent -----	123	74	97	371	103	120	718	67	92
25 to 29 percent -----	121	100	75	175	54	57	473	34	76
30 to 34 percent -----	44	31	34	59	32	62	323	31	75
35 percent or more -----	73	108	70	244	108	108	666	70	118
Not computed -----	19	6	10	15	15	3	49	6	7
Median -----	10.6	10.0	13.2	11.9	11.6	11.2	12.5	12.1	10.8
Specified renter-occupied housing units -----	2 608	1 725	534	4 643	1 004	1 583	11 116	557	1 358
GROSS RENT									
Less than \$100 -----	86	38	21	148	17	34	155	20	25
\$100 to \$149 -----	178	64	85	413	64	78	542	36	89
\$150 to \$199 -----	137	229	66	478	123	161	818	102	140
\$200 to \$249 -----	195	222	95	621	171	318	1 494	86	203
\$250 to \$299 -----	340	245	76	585	191	259	1 624	108	258
\$300 to \$349 -----	339	315	64	677	138	258	1 397	68	216
\$350 to \$399 -----	497	194	31	536	112	143	1 317	56	172
\$400 to \$449 -----	235	81	19	496	69	47	1 110	14	91
\$450 to \$499 -----	166	80	2	206	22	53	849	9	28
\$500 to \$549 -----	132	34	4	60	—	34	632	6	8
\$550 to \$599 -----	69	27	3	48	5	38	331	—	5
\$600 to \$649 -----	76	15	2	49	—	5	213	—	2
\$650 to \$699 -----	29	7	—	42	—	3	86	—	—
\$700 to \$749 -----	14	—	—	9	—	4	17	—	3
\$750 to \$999 -----	28	7	—	22	2	12	85	—	—
\$1,000 or more -----	—	6	—	3	—	—	8	—	5
No cash rent -----	87	161	66	250	90	136	438	52	113
Median (dollars) -----	348	297	229	295	269	279	322	255	280
Mean (dollars) -----	347	304	238	299	277	292	340	256	287

Table 69. Household Income Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County	Buchanan County
Specified owner-occupied housing units.....	1 556	793	2 337	2 721	1 460	4 604	27 478	5 285	4 627	3 840
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	1 556	793	2 337	2 721	1 460	4 604	27 478	5 285	4 627	3 840
Less than 10 percent.....	531	237	627	719	399	1 184	6 682	1 236	1 184	1 208
10 to 14 percent.....	351	196	443	603	330	1 040	6 972	1 247	1 089	895
15 to 19 percent.....	283	163	408	433	243	947	5 397	1 119	952	657
20 to 24 percent.....	165	64	265	353	138	617	3 415	776	535	363
25 to 29 percent.....	75	66	161	237	107	236	1 630	357	330	218
30 to 34 percent.....	42	29	137	117	43	145	967	133	186	146
35 to 49 percent.....	48	24	163	136	110	273	1 150	251	195	165
50 percent or more.....	55	10	113	107	69	130	1 092	140	129	156
Not computed.....	6	4	20	16	21	32	173	26	27	32
Median.....	13.5	14.0	16.1	15.4	14.9	15.3	15.0	15.7	15.1	13.9
Less than \$20,000.....	615	376	979	1 423	697	1 555	7 303	1 543	1 362	1 376
Less than 20 percent.....	343	215	392	719	301	696	2 620	564	574	569
20 to 24 percent.....	74	49	119	206	102	282	1 056	306	196	179
25 to 29 percent.....	60	48	96	154	77	102	809	187	164	157
30 to 34 percent.....	33	26	114	104	36	92	637	107	119	124
35 percent or more.....	99	34	240	224	167	351	2 008	353	282	315
Not computed.....	6	4	18	16	14	32	173	26	27	32
Median.....	18.5	18.3	23.7	19.7	22.0	21.2	24.5	23.2	22.4	22.9
\$20,000 to \$34,999.....	516	251	638	615	438	1 327	7 209	1 554	1 295	993
Less than 20 percent.....	435	224	444	442	366	897	5 052	1 146	923	818
20 to 24 percent.....	53	14	85	78	28	220	1 170	260	179	96
25 to 29 percent.....	15	10	52	64	23	108	550	91	97	54
30 to 34 percent.....	9	3	21	13	7	53	244	26	56	19
35 percent or more.....	4	—	36	18	9	49	193	31	40	6
Not computed.....	—	—	—	—	5	—	—	—	—	—
Median.....	11.9	12.1	14.3	12.9	12.6	15.2	14.9	14.5	14.9	11.6
\$35,000 to \$49,999.....	283	108	419	390	183	1 034	6 034	1 203	1 034	791
Less than 20 percent.....	250	99	354	321	169	906	4 986	979	874	704
20 to 24 percent.....	33	1	52	54	4	104	740	163	111	77
25 to 29 percent.....	—	8	13	14	7	21	209	54	38	7
30 to 34 percent.....	—	—	—	—	—	—	67	—	11	3
35 percent or more.....	—	—	—	1	3	3	32	7	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	10.0—	10.0—	12.4	11.7	10.0—	12.9	13.9	14.1	13.6	12.1
\$50,000 or more.....	142	58	301	293	142	688	6 932	985	936	680
Less than 20 percent.....	137	58	288	273	136	672	6 393	913	854	669
20 to 24 percent.....	5	—	9	15	4	11	449	47	49	11
25 to 29 percent.....	—	—	—	5	—	5	62	25	31	—
30 to 34 percent.....	—	—	2	—	—	—	19	—	—	—
35 percent or more.....	—	—	—	—	—	—	9	—	2	—
Not computed.....	—	—	2	—	2	—	—	—	—	—
Median.....	10.0—	10.0—	10.0—	10.0—	10.0—	10.0—	11.2	10.0—	10.9	10.0—
Specified renter-occupied housing units.....	617	370	1 009	1 244	444	1 644	14 882	2 357	1 813	1 464
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	617	370	1 009	1 244	444	1 644	14 882	2 357	1 813	1 464
Less than 10 percent.....	59	22	82	42	36	115	716	139	145	102
10 to 14 percent.....	68	64	188	88	64	267	1 866	379	327	166
15 to 19 percent.....	115	58	191	155	55	228	2 215	354	304	233
20 to 24 percent.....	75	49	85	183	71	227	1 967	419	180	185
25 to 29 percent.....	77	31	74	163	31	216	1 548	263	188	115
30 to 34 percent.....	37	35	55	89	30	100	1 047	146	100	100
35 to 49 percent.....	38	32	64	179	41	148	2 015	226	216	175
50 percent or more.....	63	32	116	226	53	162	2 892	257	209	246
Not computed.....	85	47	154	119	63	181	616	174	144	142
Median.....	21.6	21.8	19.1	27.9	22.5	22.7	26.2	22.6	21.6	24.3
Less than \$10,000.....	253	134	331	633	136	627	5 536	715	572	658
Less than 20 percent.....	19	7	28	20	7	22	174	33	12	44
20 to 24 percent.....	16	10	7	60	8	56	328	83	43	39
25 to 29 percent.....	50	22	31	108	9	134	469	70	72	54
30 to 34 percent.....	22	20	36	27	18	64	332	38	49	73
35 percent or more.....	92	61	164	343	84	281	3 847	428	328	364
Not computed.....	54	14	65	75	10	70	386	63	68	84
Median.....	33.3	35.5	44.7	40.1	41.0	35.2	50.0+	44.3	43.9	43.9
\$10,000 to \$19,999.....	184	127	357	361	137	364	4 212	682	550	376
Less than 20 percent.....	72	38	168	92	24	103	640	141	169	116
20 to 24 percent.....	44	37	64	77	52	88	916	179	115	87
25 to 29 percent.....	27	9	43	55	22	59	859	163	109	55
30 to 34 percent.....	15	15	19	58	12	36	654	108	44	27
35 percent or more.....	9	3	16	62	10	29	1 036	55	90	53
Not computed.....	17	25	47	17	17	49	107	36	23	38
Median.....	21.3	21.8	19.5	25.3	23.5	23.1	27.9	25.1	24.1	23.0
\$20,000 to \$34,999.....	126	83	206	173	138	451	3 297	648	461	325
Less than 20 percent.....	100	75	164	112	100	296	2 271	416	385	239
20 to 24 percent.....	15	2	14	46	11	74	643	150	22	59
25 to 29 percent.....	—	—	—	—	—	23	210	30	7	6
30 to 34 percent.....	—	—	—	—	—	—	61	—	7	—
35 percent or more.....	—	—	—	—	—	—	20	—	7	4
Not computed.....	11	6	28	15	27	58	92	52	33	17
Median.....	14.9	14.0	13.6	16.4	13.8	16.0	17.5	17.2	14.8	16.1
\$35,000 or more.....	54	26	115	77	33	202	1 837	312	230	105
Less than 20 percent.....	51	24	101	61	24	189	1 712	282	210	102
20 to 24 percent.....	—	—	—	—	—	9	80	7	—	—
25 to 29 percent.....	—	—	—	—	—	—	10	—	—	—
30 to 34 percent.....	—	—	—	4	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	4	—	—	—
Not computed.....	3	2	14	12	9	4	31	23	20	3
Median.....	10.0—	10.0—	10.6	10.5	11.0	10.9	11.8	11.5	10.6	10.0—

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County	Clarke County
Specified owner-occupied housing units.....	3 846	3 276	2 525	4 581	3 115	3 256	10 771	2 923	2 737	1 498
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	3 846	3 276	2 525	4 581	3 115	3 256	10 771	2 923	2 737	1 498
Less than 10 percent.....	979	977	743	1 170	914	878	2 348	918	800	362
10 to 14 percent.....	824	749	548	995	774	723	2 397	609	632	359
15 to 19 percent.....	800	600	393	934	493	642	2 247	547	402	298
20 to 24 percent.....	517	348	315	552	369	405	1 621	342	330	157
25 to 29 percent.....	238	224	159	302	190	203	765	171	218	105
30 to 34 percent.....	133	86	107	226	113	135	465	67	95	65
35 to 49 percent.....	226	152	129	233	137	150	440	171	156	103
50 percent or more.....	116	124	118	155	109	107	436	83	100	49
Not computed.....	13	16	13	14	16	13	52	15	4	—
Median.....	15.7	14.4	14.7	15.6	14.1	15.2	16.4	14.4	14.5	15.5
Less than \$20,000.....	1 309	1 330	1 018	1 589	1 257	893	3 264	1 060	1 001	662
Less than 20 percent.....	551	623	414	700	627	381	1 303	469	430	306
20 to 24 percent.....	216	200	173	224	145	108	478	193	128	90
25 to 29 percent.....	163	165	106	171	134	91	364	106	115	73
30 to 34 percent.....	91	66	75	154	105	77	303	49	86	56
35 percent or more.....	275	260	237	326	230	223	764	228	240	137
Not computed.....	13	16	13	14	16	13	52	15	4	—
Median.....	22.2	20.8	22.6	22.0	19.9	22.7	23.2	21.4	22.7	21.4
\$20,000 to \$34,999.....	1 265	986	865	1 464	918	1 033	3 087	906	852	385
Less than 20 percent.....	918	795	673	1 013	729	681	1 967	682	605	297
20 to 24 percent.....	180	112	99	230	124	164	651	116	133	36
25 to 29 percent.....	71	47	51	96	46	104	261	64	89	32
30 to 34 percent.....	42	20	32	70	8	50	124	18	9	5
35 percent or more.....	54	12	10	55	11	34	84	26	16	15
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	15.1	13.2	12.7	14.6	11.9	14.5	16.2	13.8	13.0	12.9
\$35,000 to \$49,999.....	746	584	404	886	534	800	2 434	535	570	254
Less than 20 percent.....	664	534	364	792	436	674	1 970	513	499	219
20 to 24 percent.....	80	36	38	64	83	112	331	22	69	31
25 to 29 percent.....	—	10	2	28	10	6	88	—	2	—
30 to 34 percent.....	—	—	—	2	—	8	27	—	—	4
35 percent or more.....	2	4	—	—	5	—	18	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	12.8	10.7	10.9	13.0	12.4	13.6	14.5	10.0—	10.7	13.4
\$50,000 or more.....	526	376	238	642	406	530	1 986	422	314	197
Less than 20 percent.....	470	374	233	594	389	507	1 752	410	300	197
20 to 24 percent.....	41	—	5	34	17	21	161	11	—	—
25 to 29 percent.....	4	2	—	7	—	2	52	1	12	—
30 to 34 percent.....	—	—	—	—	—	—	11	—	—	—
35 percent or more.....	11	—	—	7	—	—	10	—	—	—
Not computed.....	—	—	—	—	—	—	—	—	2	—
Median.....	10.0—	10.0—	10.0—	10.0—	10.0—	10.0—	11.6	10.0—	10.0—	10.0—
Specified renter-occupied housing units.....	2 049	965	1 041	1 761	1 391	1 296	5 538	1 247	845	744
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	2 049	965	1 041	1 761	1 391	1 296	5 538	1 247	845	744
Less than 10 percent.....	166	68	95	119	98	116	278	106	102	24
10 to 14 percent.....	422	137	172	291	231	223	797	263	172	116
15 to 19 percent.....	363	156	166	296	237	200	946	229	144	125
20 to 24 percent.....	257	146	121	267	162	192	728	157	88	88
25 to 29 percent.....	239	90	99	173	177	119	678	118	87	79
30 to 34 percent.....	137	56	35	91	56	82	417	35	44	43
35 to 49 percent.....	165	81	98	156	137	132	594	106	60	102
50 percent or more.....	173	95	103	217	171	125	830	112	84	89
Not computed.....	127	136	152	151	122	107	270	121	64	78
Median.....	20.2	21.8	20.5	21.9	22.1	21.4	24.2	19.2	19.0	23.9
Less than \$10,000.....	553	321	363	556	466	311	1 730	433	255	286
Less than 20 percent.....	27	21	33	42	25	5	47	33	33	24
20 to 24 percent.....	30	30	33	69	37	35	142	50	10	17
25 to 29 percent.....	99	42	69	80	75	20	228	77	35	31
30 to 34 percent.....	78	31	23	35	15	25	130	23	27	32
35 percent or more.....	263	149	176	292	259	192	1 077	202	131	152
Not computed.....	56	48	29	38	55	34	106	48	19	30
Median.....	36.6	38.7	36.6	40.7	40.0	45.4	48.4	37.4	40.0	38.6
\$10,000 to \$19,999.....	566	265	268	517	425	392	1 725	340	274	190
Less than 20 percent.....	146	78	102	135	133	80	331	168	106	54
20 to 24 percent.....	155	81	76	119	81	96	324	73	71	32
25 to 29 percent.....	132	36	25	78	95	70	379	39	41	39
30 to 34 percent.....	47	25	12	56	41	54	271	12	17	11
35 percent or more.....	67	27	25	75	47	64	321	16	13	36
Not computed.....	19	18	28	54	28	28	99	32	26	18
Median.....	24.1	22.8	21.2	24.1	24.0	25.4	27.1	19.2	21.3	25.0
\$20,000 to \$34,999.....	599	288	281	530	349	412	1 482	382	248	198
Less than 20 percent.....	468	192	199	405	286	282	1 067	309	213	117
20 to 24 percent.....	72	35	12	75	44	61	262	34	7	39
25 to 29 percent.....	6	12	5	15	7	29	71	2	11	9
30 to 34 percent.....	12	—	—	—	—	3	16	—	—	—
35 percent or more.....	8	—	—	6	2	1	26	—	—	3
Not computed.....	33	49	65	29	10	36	40	37	17	30
Median.....	15.8	15.4	14.7	16.0	15.1	16.5	17.0	14.3	13.2	16.9
\$35,000 or more.....	331	91	129	158	151	181	601	92	68	70
Less than 20 percent.....	310	70	99	124	122	172	576	88	66	70
20 to 24 percent.....	—	—	—	4	—	—	—	—	—	—
25 to 29 percent.....	2	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—
Not computed.....	19	21	30	30	29	9	25	4	2	—
Median.....	11.1	10.0—	10.0—	11.2	10.0—	10.0—	11.3	10.0—	10.0—	11.3

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Clay County	Clayton County	Clinton County	Crawford County	Dallas County	Davis County	Decatur County	Delaware County	Des Moines County	Dickinson County
Specified owner-occupied housing units.....	3 522	3 367	11 300	3 111	6 119	1 192	1 370	3 108	9 815	3 604
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	3 522	3 367	11 300	3 111	6 119	1 192	1 370	3 108	9 815	3 604
Less than 10 percent.....	910	942	2 784	794	1 116	270	337	851	2 884	1 119
10 to 14 percent.....	816	808	2 892	705	1 245	273	309	652	2 343	673
15 to 19 percent.....	708	585	2 360	620	1 370	191	237	550	1 780	726
20 to 24 percent.....	506	364	1 086	328	993	155	173	366	1 065	432
25 to 29 percent.....	206	241	711	222	558	98	124	218	705	189
30 to 34 percent.....	154	130	408	162	303	65	44	124	221	153
35 to 49 percent.....	121	162	462	122	318	70	112	132	342	176
50 percent or more.....	99	125	529	132	204	56	30	162	431	118
Not computed.....	2	10	68	26	12	14	4	53	44	18
Median.....	15.2	14.6	14.9	15.4	17.5	16.2	15.8	15.2	14.3	15.0
Less than \$20,000.....	1 109	1 430	3 492	1 114	1 505	559	681	1 029	2 687	1 095
Less than 20 percent.....	529	674	1 425	489	524	236	312	422	1 067	498
20 to 24 percent.....	198	174	351	152	219	74	107	146	371	156
25 to 29 percent.....	86	194	434	137	194	56	77	103	347	98
30 to 34 percent.....	111	114	323	71	152	65	41	55	170	73
35 percent or more.....	183	264	891	239	404	114	140	258	688	252
Not computed.....	2	10	68	26	12	14	4	45	44	18
Median.....	20.6	21.0	24.1	21.8	25.1	22.5	21.2	22.4	23.4	21.3
\$20,000 to \$34,999.....	1 114	1 047	3 034	1 133	1 621	377	403	936	2 886	1 171
Less than 20 percent.....	767	814	2 303	899	939	264	303	599	2 092	857
20 to 24 percent.....	193	158	370	96	293	71	56	150	402	170
25 to 29 percent.....	98	36	210	66	202	35	39	82	276	69
30 to 34 percent.....	24	16	58	57	97	—	3	69	39	55
35 percent or more.....	32	23	93	15	90	7	2	36	77	20
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	15.6	12.7	14.3	13.4	17.7	13.6	13.5	16.1	14.2	14.4
\$35,000 to \$49,999.....	738	563	2 712	530	1 550	156	182	662	2 195	728
Less than 20 percent.....	613	520	2 340	419	1 090	139	168	580	1 923	611
20 to 24 percent.....	101	32	276	69	258	5	6	58	196	66
25 to 29 percent.....	2	11	62	8	130	7	8	24	62	16
30 to 34 percent.....	2	—	27	34	44	—	—	6	6	23
35 percent or more.....	—	—	7	—	28	5	—	—	8	12
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	13.2	10.5	13.0	12.5	16.4	10.6	11.0	12.3	11.6	13.2
\$50,000 or more.....	561	327	2 062	334	1 443	100	104	481	2 047	610
Less than 20 percent.....	525	327	1 968	312	1 178	95	100	452	1 925	552
20 to 24 percent.....	14	—	8	11	223	5	4	12	96	40
25 to 29 percent.....	—	—	5	11	32	—	—	9	20	6
30 to 34 percent.....	17	—	—	—	10	—	—	—	6	2
35 percent or more.....	5	—	—	—	—	—	—	—	—	10
Not computed.....	—	—	—	—	—	—	—	8	—	—
Median.....	10.5	10.0	10.9	10.2	14.0	10.0	10.0	10.0	10.0	10.0
Specified renter-occupied housing units.....	2 074	1 229	5 159	1 426	2 521	478	786	1 080	4 350	1 272
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	2 074	1 229	5 159	1 426	2 521	478	786	1 080	4 350	1 272
Less than 10 percent.....	205	89	285	109	153	34	48	94	268	68
10 to 14 percent.....	349	204	871	301	344	82	86	183	637	229
15 to 19 percent.....	341	196	824	237	425	72	107	161	754	215
20 to 24 percent.....	284	136	682	244	430	51	129	123	568	185
25 to 29 percent.....	220	90	570	105	333	69	88	97	515	149
30 to 34 percent.....	160	66	364	85	159	30	50	50	267	82
35 to 49 percent.....	235	98	542	86	226	23	74	112	490	120
50 percent or more.....	190	150	829	140	272	65	115	127	636	148
Not computed.....	90	200	192	119	179	52	89	133	215	76
Median.....	21.7	20.9	23.7	20.1	22.5	22.5	24.2	21.4	23.6	22.3
Less than \$10,000.....	689	435	1 701	417	542	190	399	383	1 433	428
Less than 20 percent.....	40	18	33	42	26	14	28	4	65	15
20 to 24 percent.....	85	31	91	32	32	28	64	34	100	67
25 to 29 percent.....	64	52	173	55	74	41	59	40	193	60
30 to 34 percent.....	83	46	146	38	47	12	33	38	85	30
35 percent or more.....	379	226	1 184	204	329	75	181	229	897	233
Not computed.....	38	62	74	46	34	20	34	38	93	23
Median.....	38.4	42.1	49.7	39.6	44.2	30.8	34.8	42.4	46.5	39.8
\$10,000 to \$19,999.....	635	391	1 467	445	819	138	222	268	1 267	390
Less than 20 percent.....	213	158	324	139	99	38	98	65	296	122
20 to 24 percent.....	143	83	379	159	206	23	51	77	256	70
25 to 29 percent.....	148	38	325	50	198	28	27	55	279	85
30 to 34 percent.....	68	18	196	47	110	18	17	12	159	45
35 percent or more.....	42	22	187	22	148	13	8	10	225	35
Not computed.....	21	72	56	28	58	18	21	49	52	33
Median.....	23.3	20.1	25.0	22.2	26.9	24.8	20.2	22.9	26.0	24.0
\$20,000 to \$34,999.....	474	306	1 386	434	803	101	116	270	1 088	311
Less than 20 percent.....	376	239	1 049	341	492	87	73	235	760	244
20 to 24 percent.....	56	22	202	53	177	—	12	12	207	46
25 to 29 percent.....	8	—	72	—	61	—	2	2	38	4
30 to 34 percent.....	9	2	16	—	2	—	—	—	23	7
35 percent or more.....	4	—	—	—	21	—	—	—	—	—
Not computed.....	21	43	47	40	50	14	29	21	60	10
Median.....	15.1	13.4	16.0	14.0	18.0	14.9	15.8	14.4	17.4	16.1
\$35,000 or more.....	276	97	605	130	357	49	49	159	562	143
Less than 20 percent.....	266	74	574	125	305	49	42	134	538	131
20 to 24 percent.....	—	—	10	—	15	—	2	—	5	2
25 to 29 percent.....	—	—	—	—	—	—	—	—	5	—
30 to 34 percent.....	—	—	6	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	4	—
Not computed.....	10	23	15	5	37	—	5	25	10	10
Median.....	10.0	10.0	11.8	10.5	11.7	10.0	10.0	10.8	11.3	10.8

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Dubuque County	Emmet County	Fayette County	Floyd County	Franklin County	Fremont County	Greene County	Grundy County	Guthrie County	Hamilton County
Specified owner-occupied housing units.....	17 489	2 530	4 460	3 714	2 361	1 529	2 220	2 614	2 215	3 415
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	17 489	2 530	4 460	3 714	2 361	1 529	2 220	2 614	2 215	3 415
Less than 10 percent.....	4 730	825	1 307	1 051	592	389	594	753	553	892
10 to 14 percent.....	4 032	565	1 019	776	581	373	603	574	559	709
15 to 19 percent.....	3 625	463	833	693	414	296	371	525	390	671
20 to 24 percent.....	2 322	303	514	478	317	174	204	272	207	484
25 to 29 percent.....	1 025	150	296	226	184	107	151	152	163	252
30 to 34 percent.....	546	41	142	143	93	34	86	99	120	132
35 to 49 percent.....	600	72	136	184	99	86	89	127	118	179
50 percent or more.....	548	99	182	154	45	54	99	96	79	83
Not computed.....	61	12	31	9	36	16	23	16	26	13
Median.....	14.9	13.8	14.5	15.2	14.9	14.9	14.2	14.8	14.8	15.7
Less than \$20,000.....	3 877	972	1 869	1 266	901	611	819	882	843	1 076
Less than 20 percent.....	1 635	509	920	512	345	268	381	388	366	432
20 to 24 percent.....	523	166	292	212	169	105	100	122	124	169
25 to 29 percent.....	380	96	194	131	128	56	77	69	105	145
30 to 34 percent.....	315	33	118	86	79	30	66	74	55	85
35 percent or more.....	963	162	314	316	144	136	172	213	167	232
Not computed.....	61	6	31	9	36	16	23	16	26	13
Median.....	22.6	19.2	20.0	22.7	22.6	21.4	20.8	21.8	21.7	22.9
\$20,000 to \$34,999.....	5 006	868	1 356	1 316	842	470	797	763	712	1 122
Less than 20 percent.....	3 265	687	1 075	985	676	373	634	576	546	784
20 to 24 percent.....	972	116	173	185	107	52	81	103	55	198
25 to 29 percent.....	462	43	80	77	45	41	51	53	57	72
30 to 34 percent.....	167	8	24	47	14	—	15	21	37	47
35 percent or more.....	140	8	4	22	—	4	16	10	17	21
Not computed.....	—	6	—	—	—	—	—	—	—	—
Median.....	15.4	14.2	13.2	13.8	13.5	13.4	13.5	14.0	13.2	15.6
\$35,000 to \$49,999.....	4 316	391	781	717	341	268	389	544	389	736
Less than 20 percent.....	3 496	359	720	638	292	247	349	476	330	587
20 to 24 percent.....	610	20	39	59	41	13	12	38	28	112
25 to 29 percent.....	128	11	22	14	8	4	23	28	1	28
30 to 34 percent.....	52	—	—	6	—	4	5	2	28	—
35 percent or more.....	30	1	—	—	—	—	—	—	2	9
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	13.9	10.0	10.2	10.0	12.3	11.5	11.1	12.8	12.0	13.5
\$50,000 or more.....	4 290	299	454	415	277	180	215	425	271	481
Less than 20 percent.....	3 991	298	444	385	274	170	204	412	260	469
20 to 24 percent.....	217	1	10	22	—	4	11	9	—	5
25 to 29 percent.....	55	—	—	4	3	6	—	2	—	7
30 to 34 percent.....	12	—	—	4	—	—	—	2	—	—
35 percent or more.....	15	—	—	—	—	—	—	—	11	—
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	11.0	10.0	10.0	10.0	10.0	10.0	10.3	10.0	10.6	10.0
Specified renter-occupied housing units.....	8 392	1 036	1 648	1 524	954	637	889	838	759	1 436
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	8 392	1 036	1 648	1 524	954	637	889	838	759	1 436
Less than 10 percent.....	531	85	137	113	49	38	57	85	27	62
10 to 14 percent.....	1 331	141	213	194	199	112	183	122	117	215
15 to 19 percent.....	1 280	142	261	256	134	82	130	149	101	229
20 to 24 percent.....	1 129	139	238	182	129	92	106	91	77	214
25 to 29 percent.....	865	111	198	135	77	97	85	63	68	142
30 to 34 percent.....	525	50	110	107	63	28	39	60	42	105
35 to 49 percent.....	1 008	86	149	151	131	50	85	66	111	175
50 percent or more.....	1 316	190	174	262	92	60	92	89	124	205
Not computed.....	407	92	168	124	80	78	112	113	92	89
Median.....	23.8	23.7	22.7	23.8	22.1	22.6	20.9	20.4	25.8	23.9
Less than \$10,000.....	2 700	422	611	658	349	230	316	254	309	481
Less than 20 percent.....	62	28	52	53	28	9	19	13	2	10
20 to 24 percent.....	151	34	48	53	17	30	38	20	11	39
25 to 29 percent.....	242	44	111	67	47	40	33	26	32	61
30 to 34 percent.....	187	36	49	76	38	21	28	22	27	54
35 percent or more.....	1 834	258	266	376	200	100	151	148	214	294
Not computed.....	224	22	85	33	19	30	47	25	23	23
Median.....	49.8	47.8	35.3	41.3	38.5	35.0	39.1	42.7	46.5	44.1
\$10,000 to \$19,999.....	2 554	325	568	436	226	172	258	225	208	418
Less than 20 percent.....	584	105	164	150	59	49	99	76	47	104
20 to 24 percent.....	602	98	155	118	71	33	43	47	54	103
25 to 29 percent.....	507	67	87	67	30	54	52	35	35	68
30 to 34 percent.....	310	14	61	31	25	7	11	33	15	44
35 percent or more.....	479	10	57	37	23	10	26	7	19	86
Not computed.....	72	31	44	33	18	19	27	27	38	13
Median.....	25.5	22.1	23.2	22.2	23.2	24.2	21.9	22.4	23.5	24.8
\$20,000 to \$34,999.....	2 052	194	310	278	304	165	243	251	171	369
Less than 20 percent.....	1 483	158	251	223	222	111	199	180	134	259
20 to 24 percent.....	350	7	35	11	41	29	25	24	12	64
25 to 29 percent.....	116	—	—	1	—	3	—	2	1	13
30 to 34 percent.....	28	—	—	—	—	—	—	5	—	7
35 percent or more.....	11	8	—	—	—	—	—	—	2	—
Not computed.....	64	21	24	43	41	22	19	40	22	26
Median.....	16.4	14.2	14.9	14.6	14.8	14.6	14.0	15.3	15.5	16.8
\$35,000 or more.....	1 086	95	159	152	75	70	72	108	71	168
Less than 20 percent.....	1 013	77	144	137	73	63	53	87	62	133
20 to 24 percent.....	26	—	—	—	—	—	—	—	—	8
25 to 29 percent.....	—	—	—	—	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—
Not computed.....	47	18	15	15	2	7	19	21	9	27
Median.....	11.4	10.0	10.0	10.0	12.2	11.4	12.1	10.0	11.5	12.0

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hancock County	Hardin County	Harrison County	Henry County	Howard County	Humboldt County	Ida County	Iowa County	Jackson County	Jasper County
Specified owner-occupied housing units.....	2 506	4 201	2 909	3 686	1 980	2 422	1 620	2 912	3 504	7 823
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	2 506	4 201	2 909	3 686	1 980	2 422	1 620	2 912	3 504	7 823
Less than 10 percent.....	524	1 056	655	915	551	754	524	728	1 017	1 999
10 to 14 percent.....	541	1 040	620	782	396	548	390	647	780	1 996
15 to 19 percent.....	490	826	613	820	391	473	254	581	546	1 639
20 to 24 percent.....	369	445	379	470	239	298	138	365	323	1 011
25 to 29 percent.....	175	292	170	322	126	132	102	174	277	424
30 to 34 percent.....	145	156	125	145	52	97	73	139	137	188
35 to 49 percent.....	178	202	167	117	152	74	66	132	192	316
50 percent or more.....	79	164	171	96	69	30	65	128	203	203
Not computed.....	5	20	9	19	4	16	8	18	29	47
Median.....	16.9	15.0	16.4	15.8	15.5	14.1	13.6	15.6	14.6	14.7
Less than \$20,000.....	821	1 480	1 145	1 049	792	861	646	930	1 261	2 030
Less than 20 percent.....	281	637	486	444	371	420	311	356	445	948
20 to 24 percent.....	142	187	148	170	122	147	76	116	140	232
25 to 29 percent.....	99	179	117	156	75	94	72	101	188	212
30 to 34 percent.....	96	125	62	71	36	87	60	108	92	142
35 percent or more.....	198	332	325	195	184	97	119	233	367	449
Not computed.....	5	20	7	13	4	16	8	16	29	47
Median.....	24.5	22.5	22.8	22.2	20.9	20.1	20.5	24.4	25.8	20.9
\$20,000 to \$34,999.....	884	1 376	905	1 217	670	805	490	892	1 042	2 077
Less than 20 percent.....	538	1 055	647	833	495	650	398	680	790	1 472
20 to 24 percent.....	181	178	153	204	79	107	40	116	133	361
25 to 29 percent.....	65	89	33	98	48	38	28	45	68	146
30 to 34 percent.....	41	27	58	64	16	10	12	25	29	46
35 percent or more.....	59	27	12	18	32	—	12	26	22	52
Not computed.....	—	—	2	—	—	—	—	—	—	—
Median.....	17.4	14.6	15.4	15.3	13.5	12.0	12.3	14.2	13.6	15.2
\$35,000 to \$49,999.....	507	758	481	853	359	445	270	674	629	1 953
Less than 20 percent.....	458	670	382	725	313	403	252	534	557	1 596
20 to 24 percent.....	30	67	74	69	38	42	16	114	29	289
25 to 29 percent.....	11	15	19	43	3	—	2	20	21	54
30 to 34 percent.....	8	4	5	10	—	—	—	5	16	—
35 percent or more.....	—	2	1	—	5	—	—	1	6	14
Not computed.....	—	—	—	6	—	—	—	—	—	—
Median.....	12.9	12.2	12.8	14.1	11.8	10.0—	10.1	13.9	11.2	13.4
\$50,000 or more.....	294	587	378	567	159	311	214	416	572	1 763
Less than 20 percent.....	278	560	373	515	159	302	207	386	551	1 618
20 to 24 percent.....	16	13	4	27	—	2	6	19	21	129
25 to 29 percent.....	—	9	1	25	—	—	—	8	—	12
30 to 34 percent.....	—	—	—	—	—	—	—	1	—	—
35 percent or more.....	—	5	—	—	—	7	—	—	—	4
Not computed.....	—	—	—	—	—	—	—	2	—	—
Median.....	10.1	10.0—	10.0—	10.5	10.0—	10.0	10.0—	10.0—	10.0—	11.7
Specified renter-occupied housing units.....	952	1 712	1 134	1 629	661	905	620	1 043	1 606	2 964
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	952	1 712	1 134	1 629	661	905	620	1 043	1 606	2 964
Less than 10 percent.....	69	111	81	45	53	73	61	94	126	307
10 to 14 percent.....	189	229	128	264	151	142	94	185	253	587
15 to 19 percent.....	208	297	127	310	65	148	107	191	287	496
20 to 24 percent.....	129	253	166	252	78	119	94	128	205	292
25 to 29 percent.....	84	183	123	213	51	118	37	70	194	359
30 to 34 percent.....	31	114	51	74	25	44	52	58	83	200
35 to 49 percent.....	68	149	132	105	72	94	75	82	168	251
50 percent or more.....	88	218	162	230	89	104	41	94	180	285
Not computed.....	86	158	164	136	77	63	59	141	110	187
Median.....	19.2	22.8	24.5	22.5	21.5	22.4	21.0	19.5	22.0	20.0
Less than \$10,000.....	231	580	478	525	240	298	196	275	560	758
Less than 20 percent.....	18	14	11	19	6	4	16	23	19	25
20 to 24 percent.....	15	57	61	53	24	15	26	32	58	36
25 to 29 percent.....	25	67	49	71	24	61	10	22	92	148
30 to 34 percent.....	16	59	39	44	19	12	33	35	40	64
35 percent or more.....	135	306	254	295	148	187	92	144	311	402
Not computed.....	22	77	64	43	19	19	19	19	40	83
Median.....	46.0	44.3	41.1	46.4	44.2	39.2	36.3	39.2	42.1	40.9
\$10,000 to \$19,999.....	309	519	247	462	207	301	169	271	403	823
Less than 20 percent.....	114	134	63	116	81	137	48	71	120	201
20 to 24 percent.....	93	130	61	99	54	57	37	65	106	158
25 to 29 percent.....	47	103	60	126	27	51	25	46	69	162
30 to 34 percent.....	13	46	10	30	6	32	17	18	43	136
35 percent or more.....	21	61	40	40	13	11	24	32	31	115
Not computed.....	21	45	13	51	26	13	18	39	34	51
Median.....	21.6	24.0	24.4	24.5	20.9	20.6	23.7	23.5	23.0	25.8
\$20,000 to \$34,999.....	334	439	294	433	160	214	193	337	519	953
Less than 20 percent.....	264	336	178	301	130	132	136	239	414	740
20 to 24 percent.....	21	66	44	86	—	47	31	31	41	98
25 to 29 percent.....	12	13	14	14	—	6	2	2	33	49
30 to 34 percent.....	2	9	2	—	—	—	2	5	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	2	19
Not computed.....	35	15	56	32	30	29	22	60	29	47
Median.....	14.7	16.3	15.6	16.9	11.8	15.7	15.9	15.4	15.1	15.1
\$35,000 or more.....	78	174	115	209	54	92	62	160	124	430
Less than 20 percent.....	70	153	84	183	52	90	62	137	113	424
20 to 24 percent.....	—	—	—	14	—	—	—	—	—	—
25 to 29 percent.....	—	—	—	2	—	—	—	—	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	4	—
Not computed.....	8	21	31	10	2	2	—	23	7	6
Median.....	10.0—	11.0	10.1	13.4	11.1	11.1	10.0—	10.0—	11.6	10.4

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Jefferson County	Johnson County	Jones County	Keokuk County	Kossuth County	Lee County	Linn County	Louisa County	Lucas County	Lyon County
Specified owner-occupied housing units.....	2 616	13 690	3 234	2 346	3 806	8 327	38 436	2 081	1 764	2 242
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	2 616	13 690	3 234	2 346	3 806	8 327	38 436	2 081	1 764	2 242
Less than 10 percent.....	552	2 730	892	859	1 113	2 104	8 504	573	481	673
10 to 14 percent.....	505	2 673	827	511	924	1 923	8 747	453	443	583
15 to 19 percent.....	520	2 837	578	393	697	1 525	8 763	387	321	358
20 to 24 percent.....	334	2 407	279	220	423	1 041	5 473	286	182	192
25 to 29 percent.....	176	1 247	221	115	222	527	2 576	141	113	128
30 to 34 percent.....	136	649	150	57	100	378	1 397	50	56	94
35 to 49 percent.....	175	736	179	86	150	397	1 559	117	83	97
50 percent or more.....	183	344	81	86	151	372	1 245	69	73	100
Not computed.....	35	67	27	19	26	60	172	5	12	17
Median.....	17.2	17.5	14.3	13.0	14.2	15.3	16.1	15.2	14.5	13.8
Less than \$20,000.....	836	1 665	1 092	993	1 382	2 566	7 004	656	721	910
Less than 20 percent.....	229	418	436	544	660	876	2 519	259	331	473
20 to 24 percent.....	104	220	125	122	180	400	986	112	105	88
25 to 29 percent.....	89	181	151	92	152	292	706	75	75	82
30 to 34 percent.....	83	137	111	50	84	257	463	40	49	72
35 percent or more.....	302	647	242	166	285	681	2 179	165	149	178
Not computed.....	29	62	27	19	21	60	151	5	12	17
Median.....	29.0	29.5	23.9	18.7	20.6	24.7	24.6	23.0	21.1	19.2
\$20,000 to \$34,999.....	759	2 775	1 001	719	1 354	2 466	9 409	593	494	809
Less than 20 percent.....	480	1 184	807	599	1 106	1 704	5 726	412	404	647
20 to 24 percent.....	121	524	103	86	170	398	1 595	109	49	80
25 to 29 percent.....	69	467	34	21	51	186	999	43	34	45
30 to 34 percent.....	33	264	39	7	11	99	614	10	7	18
35 percent or more.....	56	331	18	6	16	79	475	19	7	19
Not computed.....	—	5	—	—	—	—	—	—	—	—
Median.....	16.2	21.9	12.8	11.0	13.1	15.2	16.9	15.5	13.0	12.5
\$35,000 to \$49,999.....	636	3 157	694	423	667	1 884	10 085	471	323	297
Less than 20 percent.....	528	1 797	616	409	596	1 648	7 351	401	284	278
20 to 24 percent.....	83	805	44	12	47	179	1 804	45	28	14
25 to 29 percent.....	13	354	34	2	19	33	621	23	4	1
30 to 34 percent.....	12	147	—	—	5	15	198	—	7	4
35 percent or more.....	—	54	—	—	—	9	111	2	—	—
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	13.9	18.5	12.1	10.0	11.3	11.8	15.9	12.8	11.1	10.9
\$50,000 or more.....	385	6 093	447	211	403	1 411	11 938	361	226	226
Less than 20 percent.....	340	4 841	438	211	372	1 324	10 418	341	226	216
20 to 24 percent.....	26	858	7	—	26	64	1 088	20	—	10
25 to 29 percent.....	5	245	2	—	—	16	250	—	—	—
30 to 34 percent.....	8	101	—	—	—	7	122	—	—	—
35 percent or more.....	—	48	—	—	—	—	39	—	—	—
Not computed.....	6	—	—	—	5	—	21	—	—	—
Median.....	11.4	14.2	10.0	10.0	10.0	10.3	12.7	10.0	10.0	10.0
Specified renter-occupied housing units.....	1 823	16 531	1 404	711	1 438	3 619	18 754	860	831	652
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	1 823	16 531	1 404	711	1 438	3 619	18 754	860	831	652
Less than 10 percent.....	89	441	155	51	130	266	994	57	69	75
10 to 14 percent.....	194	1 503	271	92	174	495	3 065	182	98	126
15 to 19 percent.....	242	2 562	255	100	207	523	3 350	147	163	87
20 to 24 percent.....	264	2 222	140	87	219	321	2 526	97	100	72
25 to 29 percent.....	152	1 804	104	86	175	378	1 960	67	79	52
30 to 34 percent.....	112	1 290	84	34	75	225	1 380	44	80	33
35 to 49 percent.....	241	1 950	119	65	142	451	2 036	106	92	41
50 percent or more.....	337	4 063	131	75	139	684	2 710	65	84	35
Not computed.....	192	696	145	121	177	276	733	95	66	131
Median.....	25.9	29.3	19.0	23.0	22.7	25.9	23.2	19.9	22.6	18.4
Less than \$10,000.....	682	4 739	342	288	464	1 485	4 885	235	350	199
Less than 20 percent.....	26	66	19	19	28	69	106	5	23	16
20 to 24 percent.....	38	131	24	46	68	60	252	25	28	15
25 to 29 percent.....	68	167	31	46	87	174	383	24	51	29
30 to 34 percent.....	45	84	23	24	36	139	301	12	58	21
35 percent or more.....	427	3 845	211	116	217	928	3 459	129	161	75
Not computed.....	78	446	34	37	28	115	384	40	29	43
Median.....	50.0+	50.0+	44.2	33.0	34.9	46.4	50.0+	40.9	35.1	34.3
\$10,000 to \$19,999.....	551	4 749	425	184	452	929	4 942	234	243	205
Less than 20 percent.....	116	369	120	53	109	263	569	45	99	73
20 to 24 percent.....	125	564	93	36	95	139	881	48	65	45
25 to 29 percent.....	58	950	67	36	75	186	1 218	40	28	21
30 to 34 percent.....	67	876	61	10	39	78	912	32	22	9
35 percent or more.....	145	1 888	39	23	64	201	1 235	42	15	1
Not computed.....	40	102	45	26	70	62	127	27	14	56
Median.....	26.3	32.5	23.8	23.6	24.3	25.8	28.9	26.3	21.2	20.2
\$20,000 to \$34,999.....	315	4 628	456	186	429	825	5 227	265	167	159
Less than 20 percent.....	170	1 992	390	124	301	598	3 307	223	146	120
20 to 24 percent.....	75	1 371	23	5	56	122	1 265	22	7	12
25 to 29 percent.....	26	605	6	4	13	18	337	3	—	2
30 to 34 percent.....	—	293	—	—	—	8	154	—	—	3
35 percent or more.....	—	263	—	1	—	6	45	—	—	—
Not computed.....	44	104	37	52	59	73	119	17	14	22
Median.....	18.2	21.0	14.1	14.2	14.6	15.9	18.2	15.7	15.4	13.8
\$35,000 or more.....	275	2 415	181	53	93	380	3 700	126	71	89
Less than 20 percent.....	213	2 079	152	47	73	354	3 427	113	62	79
20 to 24 percent.....	26	156	—	—	—	—	128	2	—	—
25 to 29 percent.....	—	82	—	—	—	—	22	—	—	—
30 to 34 percent.....	—	37	—	—	—	—	13	—	—	—
35 percent or more.....	6	17	—	—	—	—	7	—	—	—
Not computed.....	30	44	29	6	20	26	103	11	9	10
Median.....	13.0	14.4	10.0	10.0	10.0	10.0	12.8	10.9	10.0	10.0

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County	Muscataine County
Specified owner-occupied housing units.....	2 031	4 075	5 851	8 505	2 392	2 264	2 089	1 469	2 627	8 079
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	2 031	4 075	5 851	8 505	2 392	2 264	2 089	1 469	2 627	8 079
Less than 10 percent.....	508	1 014	1 570	1 946	482	724	665	360	688	2 015
10 to 14 percent.....	466	867	1 302	1 996	600	535	418	312	551	1 725
15 to 19 percent.....	406	873	1 160	1 857	510	446	310	323	535	1 721
20 to 24 percent.....	213	565	758	1 091	263	219	257	191	306	1 043
25 to 29 percent.....	162	280	350	614	190	112	150	81	179	566
30 to 34 percent.....	89	163	254	282	134	67	111	36	111	316
35 to 49 percent.....	107	165	228	439	101	96	115	87	119	348
50 percent or more.....	67	136	219	237	104	57	44	79	129	304
Not computed.....	13	12	10	43	8	8	19	—	9	41
Median.....	15.4	15.9	15.2	15.8	16.1	13.8	14.4	16.0	15.7	15.8
Less than \$20,000.....	681	1 330	1 396	2 049	653	877	958	663	926	1 875
Less than 20 percent.....	312	581	589	722	250	429	442	313	421	705
20 to 24 percent.....	103	196	177	302	69	147	135	111	115	260
25 to 29 percent.....	67	176	112	233	91	94	125	57	108	181
30 to 34 percent.....	41	107	146	172	68	53	82	29	58	158
35 percent or more.....	145	258	362	577	167	146	155	153	215	530
Not computed.....	13	12	10	43	8	8	19	—	9	41
Median.....	21.1	22.0	22.9	24.7	25.2	20.2	21.0	20.8	21.6	24.1
\$20,000 to \$34,999.....	577	1 353	1 871	2 334	693	737	641	476	911	2 219
Less than 20 percent.....	376	933	1 226	1 571	439	660	503	373	688	1 391
20 to 24 percent.....	60	262	306	399	87	44	81	62	101	413
25 to 29 percent.....	75	65	159	195	75	24	21	57	212	212
30 to 34 percent.....	37	56	108	88	66	12	29	7	36	109
35 percent or more.....	29	37	72	81	26	3	4	13	29	94
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	16.3	15.5	15.7	15.5	16.8	12.0	12.3	13.7	14.0	16.0
\$35,000 to \$49,999.....	473	764	1 378	2 160	582	452	317	167	499	1 950
Less than 20 percent.....	401	657	1 111	1 754	468	424	276	149	406	1 493
20 to 24 percent.....	45	62	201	244	83	26	41	18	67	230
25 to 29 percent.....	7	39	53	128	19	—	—	—	9	163
30 to 34 percent.....	20	—	—	22	—	2	—	—	17	36
35 percent or more.....	—	6	13	12	—	—	—	—	—	28
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	13.7	13.0	13.8	14.6	13.9	10.7	10.0	14.4	13.6	15.5
\$50,000 or more.....	300	628	1 206	1 962	464	198	173	163	291	2 035
Less than 20 percent.....	291	583	1 106	1 752	435	192	172	160	259	1 872
20 to 24 percent.....	5	45	74	146	24	2	—	—	23	140
25 to 29 percent.....	—	—	—	58	5	—	1	—	5	10
30 to 34 percent.....	4	—	—	—	—	—	—	—	—	13
35 percent or more.....	—	—	—	6	—	4	—	—	4	—
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	10.6	10.0	11.2	11.6	12.4	10.0	10.0	10.0	10.0	11.6
Specified renter-occupied housing units.....	951	2 094	2 497	3 855	960	633	790	585	1 160	3 763
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	951	2 094	2 497	3 855	960	633	790	585	1 160	3 763
Less than 10 percent.....	84	57	111	269	29	75	49	14	96	177
10 to 14 percent.....	168	260	368	532	142	111	147	69	175	612
15 to 19 percent.....	125	390	475	742	125	73	63	102	221	747
20 to 24 percent.....	150	302	269	456	176	73	88	51	101	595
25 to 29 percent.....	85	206	312	399	144	46	71	59	157	364
30 to 34 percent.....	65	115	150	238	70	59	88	49	64	206
35 to 49 percent.....	110	250	279	427	81	59	71	71	97	330
50 percent or more.....	100	365	368	566	99	48	72	116	96	523
Not computed.....	64	149	165	226	94	89	141	54	153	209
Median.....	22.2	24.4	23.9	23.0	23.9	20.9	23.7	27.5	20.6	22.0
Less than \$10,000.....	296	864	781	1 101	247	229	337	274	391	1 113
Less than 20 percent.....	22	57	37	17	2	17	9	31	31	84
20 to 24 percent.....	42	66	13	64	19	11	33	4	26	125
25 to 29 percent.....	38	77	112	90	66	26	30	32	74	119
30 to 34 percent.....	28	70	57	82	12	51	53	25	31	58
35 percent or more.....	153	523	526	792	125	90	137	165	169	644
Not computed.....	13	71	36	56	23	34	75	17	60	83
Median.....	37.9	45.8	47.7	50.0+	38.2	34.3	36.5	46.8	35.4	47.0
\$10,000 to \$19,999.....	261	559	675	1 133	329	164	214	202	329	951
Less than 20 percent.....	51	157	152	231	48	52	63	62	102	209
20 to 24 percent.....	67	164	150	202	99	47	40	41	62	221
25 to 29 percent.....	36	69	140	281	56	20	41	27	70	171
30 to 34 percent.....	34	45	93	149	52	8	35	24	33	134
35 percent or more.....	57	119	119	201	50	17	6	17	24	174
Not computed.....	16	32	21	69	24	20	29	31	38	42
Median.....	25.6	23.2	25.9	26.8	25.5	22.1	23.7	22.9	23.5	25.7
\$20,000 to \$34,999.....	277	509	711	1 111	254	170	173	77	275	1 093
Less than 20 percent.....	203	347	478	842	156	128	129	67	230	704
20 to 24 percent.....	41	72	99	164	51	15	15	6	11	222
25 to 29 percent.....	11	60	52	28	22	—	—	—	13	65
30 to 34 percent.....	3	—	—	7	6	—	—	—	—	14
35 percent or more.....	—	—	2	—	5	—	—	—	—	35
Not computed.....	19	30	80	70	14	27	29	4	21	53
Median.....	15.0	17.2	17.0	16.7	17.3	13.4	12.8	14.1	14.6	17.9
\$35,000 or more.....	117	162	330	510	130	70	66	32	165	606
Less than 20 percent.....	101	146	287	453	90	62	58	25	129	539
20 to 24 percent.....	—	—	7	26	7	—	—	—	2	27
25 to 29 percent.....	—	—	8	—	—	—	—	—	—	9
30 to 34 percent.....	—	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	5	—	—
Not computed.....	16	16	28	31	33	8	8	2	34	31
Median.....	11.2	12.4	12.7	11.1	13.0	10.0	10.5	10.5	11.1	12.8

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County	Ringgold County
Specified owner-occupied housing units.....	3 476	1 523	3 464	2 136	4 299	2 052	73 454	18 439	3 531	855
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	3 476	1 523	3 464	2 136	4 299	2 052	73 454	18 439	3 531	855
Less than 10 percent.....	1 120	526	830	677	1 154	778	12 516	3 393	991	244
10 to 14 percent.....	849	448	877	484	958	473	13 951	4 127	656	199
15 to 19 percent.....	576	232	675	345	812	321	16 032	3 788	643	148
20 to 24 percent.....	392	156	361	227	524	195	13 131	2 656	447	83
25 to 29 percent.....	161	48	229	154	281	89	7 053	1 740	295	65
30 to 34 percent.....	76	41	132	85	132	60	3 596	843	151	25
35 to 49 percent.....	171	26	180	81	217	60	3 948	1 036	209	42
50 percent or more.....	103	41	159	77	206	62	2 943	799	128	45
Not computed.....	28	5	21	6	15	14	284	57	11	4
Median.....	13.6	12.6	15.1	14.0	15.2	12.5	18.2	17.2	15.9	14.6
Less than \$20,000.....	1 273	599	1 219	881	1 316	836	14 046	4 973	1 019	406
Less than 20 percent.....	646	345	432	452	535	460	3 535	1 637	339	191
20 to 24 percent.....	197	115	236	128	171	117	2 232	655	121	57
25 to 29 percent.....	105	35	118	108	143	67	1 701	682	147	51
30 to 34 percent.....	53	41	113	54	100	58	1 297	461	95	23
35 percent or more.....	244	62	299	135	352	120	5 024	1 481	306	80
Not computed.....	28	1	21	4	15	14	257	57	11	4
Median.....	19.4	18.2	23.5	19.5	23.4	18.5	28.3	26.2	26.5	20.9
\$20,000 to \$34,999.....	1 067	492	1 087	755	1 333	653	17 955	5 816	1 083	244
Less than 20 percent.....	882	453	875	577	921	574	8 843	3 446	772	208
20 to 24 percent.....	105	21	73	84	201	61	3 554	1 093	141	15
25 to 29 percent.....	39	13	80	38	124	14	2 579	710	94	12
30 to 34 percent.....	11	—	19	31	32	2	1 490	259	47	2
35 percent or more.....	30	5	40	23	55	2	1 489	308	29	7
Not computed.....	—	—	—	2	—	—	—	—	—	—
Median.....	11.7	10.3	13.6	13.7	14.7	11.1	20.2	17.2	15.2	11.8
\$35,000 to \$49,999.....	753	241	707	272	976	346	17 151	4 070	757	156
Less than 20 percent.....	661	236	638	252	827	326	10 415	2 998	568	143
20 to 24 percent.....	63	5	38	15	119	15	4 207	674	136	11
25 to 29 percent.....	17	—	31	5	14	5	1 727	279	48	2
30 to 34 percent.....	12	—	—	—	—	—	547	79	3	—
35 percent or more.....	—	—	—	—	16	—	248	40	2	—
Not computed.....	—	—	—	—	—	—	7	—	—	—
Median.....	11.6	10.0	13.1	10.0	13.0	10.0	18.0	15.4	13.3	10.0
\$50,000 or more.....	383	191	451	228	674	217	24 302	3 580	672	49
Less than 20 percent.....	356	172	437	225	641	212	19 706	3 227	611	49
20 to 24 percent.....	27	15	14	—	33	2	3 138	234	49	—
25 to 29 percent.....	—	—	—	—	—	3	1 046	69	6	—
30 to 34 percent.....	—	—	—	—	—	—	262	44	6	—
35 percent or more.....	—	—	—	—	—	—	130	6	—	—
Not computed.....	—	4	—	—	—	—	20	—	—	—
Median.....	10.0	10.0	10.0	10.0	10.0	10.0	14.2	12.4	10.0	10.0
Specified renter-occupied housing units.....	1 175	499	1 674	905	1 682	657	44 547	8 431	1 701	364
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	1 175	499	1 674	905	1 682	657	44 547	8 431	1 701	364
Less than 10 percent.....	107	58	126	86	106	89	1 466	232	113	11
10 to 14 percent.....	138	83	292	95	325	115	5 156	1 022	297	50
15 to 19 percent.....	202	91	275	135	243	99	7 766	1 510	304	51
20 to 24 percent.....	101	61	97	124	232	76	7 163	1 332	224	51
25 to 29 percent.....	117	36	209	56	176	75	5 347	1 021	183	29
30 to 34 percent.....	65	27	150	46	138	33	3 803	732	110	42
35 to 49 percent.....	139	37	184	102	126	50	5 127	930	184	38
50 percent or more.....	124	44	186	164	163	34	7 254	1 243	165	42
Not computed.....	182	62	155	97	173	86	1 465	409	121	50
Median.....	22.5	19.3	23.4	23.5	21.7	19.1	25.0	24.7	21.7	24.4
Less than \$10,000.....	439	127	708	368	433	194	9 681	2 474	484	145
Less than 20 percent.....	30	8	64	21	20	15	200	107	37	13
20 to 24 percent.....	29	7	29	33	8	34	341	194	27	17
25 to 29 percent.....	42	11	117	29	75	35	764	227	75	17
30 to 34 percent.....	47	14	115	12	54	13	549	206	42	22
35 percent or more.....	234	77	309	244	232	72	7 146	1 585	265	64
Not computed.....	57	10	74	29	44	25	681	155	38	12
Median.....	39.0	40.3	34.7	49.0	42.2	30.2	50.0+	50.0+	39.0	34.4
\$10,000 to \$19,999.....	323	170	370	298	501	199	11 406	2 391	475	105
Less than 20 percent.....	129	67	122	118	152	65	780	312	129	23
20 to 24 percent.....	46	37	57	85	126	32	1 353	407	98	26
25 to 29 percent.....	65	25	67	27	65	40	1 980	524	92	12
30 to 34 percent.....	18	13	35	34	70	20	2 325	464	51	13
35 percent or more.....	29	4	61	22	52	12	4 703	568	75	16
Not computed.....	36	24	28	12	36	30	265	116	30	15
Median.....	21.6	20.8	24.3	21.5	23.2	23.0	33.1	29.0	24.8	24.2
\$20,000 to \$34,999.....	335	149	417	175	550	172	14 155	2 447	513	99
Less than 20 percent.....	218	117	353	129	337	143	5 355	1 329	333	66
20 to 24 percent.....	26	11	11	6	98	10	4 703	667	99	8
25 to 29 percent.....	10	—	25	—	36	—	2 393	268	16	—
30 to 34 percent.....	—	—	—	—	14	—	856	62	13	7
35 percent or more.....	—	—	—	—	5	—	495	20	9	—
Not computed.....	81	21	28	40	60	19	353	101	43	18
Median.....	15.0	13.0	14.3	13.7	17.0	13.3	21.6	19.2	17.3	16.0
\$35,000 or more.....	78	53	179	64	198	92	9 305	1 119	229	15
Less than 20 percent.....	70	40	154	48	165	80	8 053	1 016	215	10
20 to 24 percent.....	—	6	—	—	—	—	766	64	—	—
25 to 29 percent.....	—	—	—	—	—	—	210	2	—	—
30 to 34 percent.....	—	—	—	—	—	—	73	—	4	—
35 percent or more.....	—	—	—	—	—	—	37	—	—	—
Not computed.....	8	7	25	16	33	12	166	37	10	5
Median.....	10.0	10.0	10.0	10.0	11.4	10.0	14.5	13.6	11.0	10.0

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County	Wapello County
Specified owner-occupied housing units.....	2 613	33 011	2 511	5 630	11 370	3 442	1 354	2 506	1 326	8 569
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	2 613	33 011	2 511	5 630	11 370	3 442	1 354	2 506	1 326	8 569
Less than 10 percent.....	935	6 708	745	1 826	2 411	881	411	737	331	2 935
10 to 14 percent.....	585	7 346	545	1 153	2 554	836	315	567	306	2 093
15 to 19 percent.....	400	6 933	407	1 029	2 224	604	241	459	253	1 387
20 to 24 percent.....	273	4 860	300	620	1 722	407	139	300	127	800
25 to 29 percent.....	146	2 561	161	346	1 059	257	75	126	86	456
30 to 34 percent.....	78	1 457	125	203	491	149	53	124	58	219
35 to 49 percent.....	97	1 595	144	252	554	161	65	111	96	325
50 percent or more.....	81	1 405	71	168	323	128	53	76	54	326
Not computed.....	18	146	13	33	32	19	2	6	15	28
Median.....	13.1	16.7	14.6	14.2	16.6	15.0	14.2	14.5	15.4	13.2
Less than \$20,000.....	1 113	6 758	923	1 758	1 828	1 283	675	992	678	3 462
Less than 20 percent.....	566	1 860	383	895	531	501	344	449	327	1 899
20 to 24 percent.....	182	921	141	238	238	204	106	177	77	399
25 to 29 percent.....	102	879	105	174	214	167	71	80	66	342
30 to 34 percent.....	71	589	89	104	194	123	39	99	45	176
35 percent or more.....	174	2 363	192	316	619	269	113	181	148	618
Not computed.....	18	146	13	31	32	19	2	6	15	28
Median.....	19.5	28.0	22.6	19.5	28.0	23.2	19.7	21.2	20.3	18.5
\$20,000 to \$34,999.....	823	7 787	785	1 972	2 843	1 136	420	753	395	2 405
Less than 20 percent.....	704	4 337	598	1 404	1 506	873	374	628	327	1 990
20 to 24 percent.....	66	1 444	90	273	503	159	25	63	38	250
25 to 29 percent.....	42	1 007	44	131	475	67	4	37	17	96
30 to 34 percent.....	7	535	30	77	188	17	12	19	11	37
35 percent or more.....	4	464	23	87	171	20	5	6	2	32
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	11.3	18.2	13.5	14.4	19.0	13.5	11.0	12.1	13.0	11.4
\$35,000 to \$49,999.....	409	7 773	417	1 098	2 765	600	157	482	156	1 498
Less than 20 percent.....	388	5 619	362	974	1 783	543	147	421	143	1 362
20 to 24 percent.....	19	1 375	37	67	604	30	8	46	8	123
25 to 29 percent.....	2	421	12	21	259	18	—	9	3	12
30 to 34 percent.....	—	217	6	22	69	9	2	6	2	—
35 percent or more.....	—	141	—	14	59	—	—	—	—	1
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	10.0—	16.1	11.9	11.6	17.0	11.8	10.0—	10.9	10.0—	10.0
\$50,000 or more.....	268	10 693	386	802	3 934	423	102	279	97	1 204
Less than 20 percent.....	262	9 171	354	735	3 369	404	102	265	93	1 164
20 to 24 percent.....	6	1 120	32	42	377	14	—	14	4	28
25 to 29 percent.....	—	254	—	20	120	5	—	—	—	6
30 to 34 percent.....	—	116	—	—	40	—	—	—	—	6
35 percent or more.....	—	32	—	3	28	—	—	—	—	—
Not computed.....	—	—	—	2	—	—	—	—	—	—
Median.....	10.0—	12.9	10.0—	10.0—	12.7	10.0—	10.0—	10.2	10.0—	10.0—
Specified renter-occupied housing units.....	926	19 008	956	1 734	11 081	1 233	479	1 446	495	3 276
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	926	19 008	956	1 734	11 081	1 233	479	1 446	495	3 276
Less than 10 percent.....	72	858	56	114	294	73	38	79	27	161
10 to 14 percent.....	142	2 849	105	329	1 164	207	41	168	65	420
15 to 19 percent.....	132	3 136	155	265	1 574	170	53	242	104	483
20 to 24 percent.....	121	2 283	163	239	1 467	172	54	165	41	326
25 to 29 percent.....	99	2 123	121	219	1 273	105	49	191	40	394
30 to 34 percent.....	51	1 327	36	119	804	50	18	110	40	320
35 to 49 percent.....	59	2 215	88	113	1 437	99	69	136	52	405
50 percent or more.....	120	3 488	102	153	2 600	160	93	248	49	517
Not computed.....	130	729	130	183	468	197	64	107	77	250
Median.....	22.1	25.0	23.0	21.4	28.2	22.0	27.2	25.4	21.6	26.6
Less than \$10,000.....	309	5 710	319	498	3 458	370	247	663	219	1 385
Less than 20 percent.....	16	61	2	63	57	14	11	41	9	80
20 to 24 percent.....	32	194	29	35	97	17	25	47	19	60
25 to 29 percent.....	43	434	58	82	214	49	39	106	22	181
30 to 34 percent.....	35	298	19	68	170	28	12	61	33	189
35 percent or more.....	155	4 228	156	221	2 630	199	135	341	92	759
Not computed.....	28	495	55	29	290	63	25	67	44	116
Median.....	41.1	50.0+	38.6	34.0	50.0+	46.0	42.7	40.0	36.0	41.0
\$10,000 to \$19,999.....	312	5 140	322	523	3 369	337	116	349	150	964
Less than 20 percent.....	119	660	118	169	271	76	32	104	80	268
20 to 24 percent.....	63	865	107	123	573	98	27	65	19	152
25 to 29 percent.....	50	1 239	34	103	656	39	10	77	18	204
30 to 34 percent.....	16	895	9	49	489	20	6	43	7	125
35 percent or more.....	24	1 380	34	45	1 320	56	27	43	9	163
Not computed.....	40	101	20	34	60	48	14	17	17	52
Median.....	21.3	29.0	21.5	23.1	31.6	23.5	23.5	24.8	18.8	25.9
\$20,000 to \$34,999.....	227	4 939	261	541	2 732	393	86	340	82	680
Less than 20 percent.....	166	3 163	154	332	1 355	255	67	250	65	497
20 to 24 percent.....	21	1 054	27	81	706	57	2	53	3	114
25 to 29 percent.....	4	434	19	34	393	17	—	8	—	9
30 to 34 percent.....	—	114	8	2	138	2	—	6	—	6
35 percent or more.....	—	95	—	—	87	4	—	—	—	—
Not computed.....	36	79	53	92	53	58	17	23	14	54
Median.....	13.8	18.1	16.9	15.6	19.9	15.6	12.8	15.8	15.4	15.9
\$35,000 or more.....	78	3 219	54	172	1 522	133	30	94	44	247
Less than 20 percent.....	45	2 959	42	144	1 349	105	22	94	42	219
20 to 24 percent.....	5	170	—	—	91	—	—	—	—	—
25 to 29 percent.....	2	16	10	—	10	—	—	—	—	—
30 to 34 percent.....	—	20	—	—	7	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—	—
Not computed.....	26	54	2	28	65	28	8	—	2	28
Median.....	10.0—	12.7	10.0—	10.5	13.8	10.0—	10.0—	13.0	11.0	10.6

Table 69. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Warren County	Washington County	Wayne County	Webster County	Winnebago County	Winneshiek County	Woodbury County	Worth County	Wright County
Specified owner-occupied housing units.....	6 946	3 685	1 375	8 839	2 650	3 035	21 115	1 594	3 299
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels.....	6 946	3 685	1 375	8 839	2 650	3 035	21 115	1 594	3 299
Less than 10 percent.....	1 268	1 084	385	2 116	660	781	4 448	408	957
10 to 14 percent.....	1 495	834	289	2 138	609	599	4 853	357	762
15 to 19 percent.....	1 594	695	239	1 774	543	563	4 517	324	641
20 to 24 percent.....	1 143	404	148	1 183	323	423	2 760	193	317
25 to 29 percent.....	661	278	116	635	154	219	1 754	96	211
30 to 34 percent.....	310	120	59	285	78	140	893	55	126
35 to 49 percent.....	218	129	80	400	145	169	990	85	151
50 percent or more.....	212	134	45	275	121	138	819	63	127
Not computed.....	45	7	14	33	17	3	81	13	7
Median.....	17.2	14.5	15.1	15.4	15.4	16.2	16.3	15.4	14.5
Less than \$20,000.....	1 227	1 042	775	2 799	974	916	6 401	611	1 101
Less than 20 percent.....	407	490	368	1 208	453	328	2 474	245	459
20 to 24 percent.....	159	116	117	460	139	146	939	101	158
25 to 29 percent.....	162	136	100	302	78	77	819	66	109
30 to 34 percent.....	93	72	55	185	52	79	530	46	111
35 percent or more.....	361	221	121	611	235	283	1 558	140	257
Not computed.....	45	7	14	33	17	3	81	13	7
Median.....	25.8	21.2	20.5	21.9	20.9	24.4	23.7	22.7	22.8
\$20,000 to \$34,999.....	1 735	1 184	353	2 851	853	898	6 099	525	1 014
Less than 20 percent.....	892	827	303	2 014	620	620	3 995	415	808
20 to 24 percent.....	357	171	28	474	123	110	953	67	91
25 to 29 percent.....	271	100	14	227	54	96	642	30	81
30 to 34 percent.....	165	44	4	79	25	56	295	7	13
35 percent or more.....	50	42	4	57	31	16	214	6	21
Not computed.....	—	—	—	—	—	—	—	—	—
Median.....	19.6	14.5	10.9	15.0	14.9	15.3	16.1	13.7	13.2
\$35,000 to \$49,999.....	1 993	897	170	1 913	545	689	4 562	285	739
Less than 20 percent.....	1 328	753	165	1 601	470	525	3 633	261	651
20 to 24 percent.....	416	104	3	210	52	117	634	20	65
25 to 29 percent.....	189	36	2	74	22	34	218	—	21
30 to 34 percent.....	46	4	—	21	1	5	58	2	2
35 percent or more.....	14	—	—	7	—	8	19	—	—
Not computed.....	—	—	—	—	—	—	—	—	—
Median.....	17.2	12.1	10.0	12.7	12.9	13.5	14.7	12.2	11.9
\$50,000 or more.....	1 991	562	77	1 276	278	532	4 053	173	445
Less than 20 percent.....	1 730	543	77	1 205	269	470	3 716	168	442
20 to 24 percent.....	211	13	—	39	9	50	234	5	3
25 to 29 percent.....	39	6	—	32	—	12	75	—	—
30 to 34 percent.....	6	—	—	—	—	—	10	—	—
35 percent or more.....	5	—	—	—	—	—	18	—	—
Not computed.....	—	—	—	—	—	—	—	—	—
Median.....	13.1	10.0	10.0	10.0	10.6	10.4	11.1	10.0	10.0
Specified renter-occupied housing units.....	2 608	1 725	534	4 643	1 004	1 583	11 116	557	1 358
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels.....	2 608	1 725	534	4 643	1 004	1 583	11 116	557	1 358
Less than 10 percent.....	182	143	26	237	69	147	481	53	91
10 to 14 percent.....	369	286	70	653	177	258	1 413	98	196
15 to 19 percent.....	518	324	59	706	184	295	1 842	100	229
20 to 24 percent.....	420	227	60	707	102	173	1 516	67	123
25 to 29 percent.....	321	196	78	550	102	157	1 375	45	139
30 to 34 percent.....	153	64	46	305	75	58	980	42	110
35 to 49 percent.....	270	142	64	541	105	141	1 102	54	152
50 percent or more.....	276	171	61	667	96	198	1 861	46	192
Not computed.....	99	172	70	277	94	156	546	52	126
Median.....	22.2	20.5	26.1	24.2	21.2	20.4	25.1	20.1	24.1
Less than \$10,000.....	689	433	253	1 654	334	491	3 571	202	500
Less than 20 percent.....	68	24	7	117	9	13	117	12	35
20 to 24 percent.....	65	18	28	103	33	22	193	18	23
25 to 29 percent.....	101	84	51	243	57	53	376	26	53
30 to 34 percent.....	44	30	24	151	35	34	317	27	55
35 percent or more.....	379	242	119	979	158	283	2 321	95	295
Not computed.....	32	35	24	61	42	86	247	24	39
Median.....	38.7	42.9	35.9	42.3	39.6	42.0	50.0+	37.0	42.9
\$10,000 to \$19,999.....	744	558	160	1 410	314	486	3 435	144	387
Less than 20 percent.....	105	162	60	375	128	183	618	63	91
20 to 24 percent.....	187	135	25	349	49	103	708	35	77
25 to 29 percent.....	162	108	23	236	43	82	761	19	83
30 to 34 percent.....	103	34	22	147	38	24	605	15	55
35 percent or more.....	148	66	6	222	43	56	620	5	44
Not computed.....	39	53	24	81	13	38	123	7	37
Median.....	26.9	23.4	21.6	24.1	22.3	22.0	27.2	20.8	25.4
\$20,000 to \$34,999.....	705	503	93	1 175	266	416	2 719	147	359
Less than 20 percent.....	470	348	62	773	217	331	1 732	121	294
20 to 24 percent.....	141	74	7	232	20	37	570	14	23
25 to 29 percent.....	58	4	4	71	2	22	223	—	3
30 to 34 percent.....	6	—	—	7	2	—	58	—	—
35 percent or more.....	19	5	—	7	—	—	22	—	5
Not computed.....	11	72	20	85	25	26	114	12	34
Median.....	17.9	16.0	13.3	17.0	14.3	15.4	18.0	14.9	15.0
\$35,000 or more.....	470	231	28	404	90	190	1 391	64	112
Less than 20 percent.....	426	219	26	331	76	173	1 269	55	96
20 to 24 percent.....	27	—	—	23	—	11	45	—	—
25 to 29 percent.....	—	—	—	—	—	—	15	—	—
30 to 34 percent.....	—	—	—	—	—	—	—	—	—
35 percent or more.....	—	—	—	—	—	—	—	—	—
Not computed.....	17	12	2	50	14	6	62	9	16
Median.....	12.3	10.0	11.4	11.6	10.0	10.0	12.6	10.0	10.0

Table 70. Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Black Hawk County			Clinton County	Des Moines County		Johnson County		
	White	Black	Asian or Pacific Islander	White	White	Black	White	Black	Asian or Pacific Islander
Occupied housing units -----	43 637	2 937	231	19 471	16 341	399	33 959	600	1 325
TENURE									
Owner-occupied housing units -----	30 076	1 313	130	13 901	12 044	168	18 661	88	194
Renter-occupied housing units -----	13 561	1 624	101	5 570	4 297	231	15 298	512	1 131
YEAR STRUCTURE BUILT									
Owner-occupied housing units -----	30 076	1 313	130	13 901	12 044	168	18 661	88	194
1989 to March 1990 -----	213	—	5	18	49	—	472	—	—
1985 to 1988 -----	229	—	—	125	175	—	1 332	9	10
1980 to 1984 -----	1 310	40	16	359	442	10	1 748	13	37
1970 to 1979 -----	5 037	110	34	2 482	1 997	32	4 917	24	109
1960 to 1969 -----	5 039	227	27	2 040	1 582	33	3 625	34	29
1950 to 1959 -----	7 723	274	6	2 382	1 615	4	2 159	8	—
1940 to 1949 -----	3 273	234	13	1 017	1 035	26	801	—	—
1939 or earlier -----	7 252	428	29	5 478	5 149	63	3 607	—	9
Renter-occupied housing units -----	13 561	1 624	101	5 570	4 297	231	15 298	512	1 131
1989 to March 1990 -----	61	10	—	6	—	—	185	—	12
1985 to 1988 -----	226	14	—	90	32	—	1 196	17	49
1980 to 1984 -----	1 117	175	—	311	285	41	2 564	67	139
1970 to 1979 -----	3 843	423	40	980	1 012	46	3 492	155	320
1960 to 1969 -----	2 349	232	29	647	576	37	2 938	107	271
1950 to 1959 -----	1 682	291	6	436	326	—	1 248	68	108
1940 to 1949 -----	1 307	174	9	554	576	31	660	11	56
1939 or earlier -----	2 976	305	17	2 552	1 484	76	3 015	87	176
BEDROOMS									
Owner-occupied housing units -----	30 076	1 313	130	13 901	12 044	168	18 661	88	194
None -----	27	—	—	—	8	—	22	—	—
1 -----	939	89	—	322	253	—	396	—	12
2 -----	7 863	250	7	3 338	3 581	29	3 966	16	59
3 -----	15 726	774	60	6 803	5 899	105	9 133	27	79
4 -----	4 848	190	37	2 861	2 861	27	4 037	25	27
5 or more -----	673	10	26	577	404	7	1 107	20	17
Renter-occupied housing units -----	13 561	1 624	101	5 570	4 297	231	15 298	512	1 131
None -----	292	96	13	233	84	—	909	101	239
1 -----	4 011	454	51	1 666	1 299	17	4 325	125	476
2 -----	6 212	660	29	2 002	1 807	109	7 000	225	357
3 -----	2 185	360	—	1 056	797	99	2 247	55	25
4 -----	731	54	8	497	237	6	581	—	6
5 or more -----	130	—	—	116	73	—	236	6	28
SOURCE OF WATER									
Public system or private company -----	38 563	2 919	223	15 554	13 213	391	27 772	571	1 318
Individual drilled well -----	4 480	18	8	3 673	2 744	8	5 829	25	7
Individual dug well -----	462	—	—	184	237	—	263	4	—
Some other source -----	132	—	—	60	147	—	95	—	—
SEWAGE DISPOSAL									
Public sewer -----	38 619	2 912	212	15 666	12 802	391	28 012	571	1 318
Septic tank or cesspool -----	4 869	13	19	3 708	3 423	8	5 807	29	7
Other means -----	149	12	—	97	116	—	140	—	—
KITCHEN FACILITIES									
Complete kitchen facilities -----	43 436	2 921	231	19 411	16 294	399	33 743	574	1 289
Lacking complete kitchen facilities -----	201	16	—	60	47	—	216	26	36
HOUSE HEATING FUEL									
Utility gas -----	33 503	2 216	153	12 419	12 721	363	25 017	416	972
Bottled, tank, or LP gas -----	2 612	42	12	2 389	1 776	—	2 904	9	55
Electricity -----	5 134	565	66	1 669	1 178	36	4 321	156	272
Fuel oil, kerosene, etc. -----	1 492	74	—	2 248	220	—	642	—	14
Coal or coke -----	18	—	—	6	—	—	22	—	—
Wood -----	594	7	—	562	376	—	514	—	—
Solar energy -----	9	—	—	—	—	—	14	—	—
Other fuel -----	182	33	—	106	41	—	334	10	6
No fuel used -----	93	—	—	72	29	—	191	9	6
VEHICLES AVAILABLE									
None -----	2 902	765	13	1 560	1 274	76	2 364	153	178
1 -----	14 022	1 142	117	6 375	5 415	108	12 025	254	851
2 -----	17 679	741	70	7 720	6 267	98	13 462	141	232
3 -----	6 350	209	23	2 805	2 449	85	4 282	32	53
4 -----	1 843	63	8	763	651	32	1 299	12	11
5 or more -----	841	17	—	248	285	—	527	8	—
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units -----	30 076	1 313	130	13 901	12 044	168	18 661	88	194
1989 to March 1990 -----	2 499	58	50	946	807	9	1 922	13	34
1985 to 1988 -----	5 716	181	26	2 383	2 434	55	5 418	44	93
1980 to 1984 -----	3 758	72	20	1 845	1 725	31	3 088	25	38
1970 to 1979 -----	7 986	387	22	3 855	3 295	63	4 419	6	29
1960 to 1969 -----	5 154	356	12	2 221	1 669	10	2 166	—	—
1959 or earlier -----	4 963	259	—	2 651	2 114	—	1 648	—	—
Renter-occupied housing units -----	13 561	1 624	101	5 570	4 297	231	15 298	512	1 131
1989 to March 1990 -----	5 869	741	75	2 321	1 698	87	7 706	286	758
1985 to 1988 -----	5 136	665	26	1 916	1 681	129	5 744	190	359
1980 to 1984 -----	1 481	208	—	646	433	9	1 148	36	14
1970 to 1979 -----	718	10	—	453	308	6	441	—	—
1960 to 1969 -----	232	—	—	104	102	—	161	—	—
1959 or earlier -----	125	—	—	130	75	—	98	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units -----	30 076	1 313	130	13 901	12 044	168	18 661	88	194
Lacking complete plumbing facilities -----	101	—	—	68	51	—	76	—	—
1.01 or more -----	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	13 561	1 624	101	5 570	4 297	231	15 298	512	1 131
Lacking complete plumbing facilities -----	38	17	—	26	19	—	60	—	23
1.01 or more -----	—	—	—	—	—	—	6	—	—

Table 70. Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Johnson County—Con.		Lee County		Linn County				
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units -----	417	33 703	14 455	338	64 021	972	335	414	63 735
TENURE									
Owner-occupied housing units -----	102	18 599	10 792	157	45 535	339	167	219	45 393
Renter-occupied housing units -----	315	15 104	3 663	181	18 486	633	168	195	18 342
YEAR STRUCTURE BUILT									
Owner-occupied housing units -----	102	18 599	10 792	157	45 535	339	167	219	45 393
1989 to March 1990 -----	—	472	53	—	604	7	—	8	604
1985 to 1988 -----	8	1 332	272	8	2 055	9	9	10	2 051
1980 to 1984 -----	12	1 745	546	15	1 799	—	16	5	1 794
1970 to 1979 -----	31	4 894	2 022	12	8 334	20	60	13	8 321
1960 to 1969 -----	12	3 613	1 425	11	9 978	21	13	32	9 959
1950 to 1959 -----	13	2 152	1 373	14	8 949	38	35	35	8 932
1940 to 1949 -----	4	797	916	20	3 071	49	—	47	3 024
1939 or earlier -----	22	3 594	4 185	77	10 745	195	34	69	10 708
Renter-occupied housing units -----	315	15 104	3 663	181	18 486	633	168	195	18 342
1989 to March 1990 -----	—	185	5	—	332	9	—	3	324
1985 to 1988 -----	21	1 184	35	10	663	—	—	5	663
1980 to 1984 -----	46	2 545	175	11	1 593	34	8	21	1 572
1970 to 1979 -----	28	3 472	714	13	5 197	170	38	47	5 157
1960 to 1969 -----	82	2 894	307	8	3 295	84	54	41	3 272
1950 to 1959 -----	27	1 229	436	32	1 946	109	38	34	1 919
1940 to 1949 -----	30	637	303	26	1 166	59	—	11	1 155
1939 or earlier -----	81	2 958	1 688	81	4 294	168	27	28	4 280
BEDROOMS									
Owner-occupied housing units -----	102	18 599	10 792	157	45 535	339	167	219	45 393
None -----	—	22	—	—	20	—	—	—	20
1 -----	—	396	295	—	979	11	—	4	975
2 -----	25	3 959	3 157	57	9 930	98	75	46	9 900
3 -----	54	9 096	5 132	80	24 589	145	40	103	24 530
4 -----	23	4 019	1 822	15	8 526	71	52	54	8 477
5 or more -----	—	1 107	386	5	1 491	14	—	12	1 491
Renter-occupied housing units -----	315	15 104	3 663	181	18 486	633	168	195	18 342
None -----	—	901	57	—	624	28	20	—	624
1 -----	116	4 258	1 393	49	6 364	228	71	79	6 308
2 -----	131	6 916	1 232	74	7 843	196	69	102	7 769
3 -----	32	2 222	680	44	2 754	143	8	7	2 747
4 -----	—	581	223	14	740	23	—	7	733
5 or more -----	10	226	78	—	161	15	—	—	161
SOURCE OF WATER									
Public system or private company -----	406	27 527	11 176	312	56 177	972	319	399	55 895
Individual drilled well -----	11	5 818	2 549	20	7 364	—	16	11	7 364
Individual dug well -----	—	263	534	6	369	—	—	4	365
Some other source -----	—	95	196	—	111	—	—	—	111
SEWAGE DISPOSAL									
Public sewer -----	397	27 776	10 060	307	56 281	940	319	399	55 999
Septic tank or cesspool -----	20	5 787	4 245	26	7 594	—	16	15	7 590
Other means -----	—	140	150	5	146	32	—	—	146
KITCHEN FACILITIES									
Complete kitchen facilities -----	417	33 487	14 321	333	63 897	972	327	407	63 618
Lacking complete kitchen facilities -----	—	216	134	5	124	—	8	7	117
HOUSE HEATING FUEL									
Utility gas -----	268	24 839	8 504	243	51 469	744	272	338	51 227
Bottled, tank, or LP gas -----	36	2 884	1 576	6	4 180	—	—	4	4 176
Electricity -----	98	4 263	3 216	80	4 688	176	59	61	4 648
Fuel oil, kerosene, etc. -----	—	642	265	—	1 692	16	—	—	1 692
Coal or coke -----	—	22	5	—	—	—	—	—	—
Wood -----	—	514	782	9	914	—	—	11	914
Solar energy -----	—	14	13	—	14	—	—	—	14
Other fuel -----	15	334	51	—	818	36	—	—	818
No fuel used -----	—	191	43	—	246	—	4	—	246
VEHICLES AVAILABLE									
None -----	56	2 354	1 148	68	4 400	277	18	92	4 353
1 -----	228	11 879	4 681	129	19 124	328	77	112	19 038
2 -----	100	13 385	5 469	85	26 550	281	205	159	26 437
3 -----	8	4 277	2 325	41	9 987	48	27	43	9 955
4 -----	25	1 281	549	15	2 717	15	—	8	2 709
5 or more -----	—	527	283	—	1 243	23	8	—	1 243
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units -----	102	18 599	10 792	157	45 535	339	167	219	45 393
1989 to March 1990 -----	19	1 917	908	17	4 391	45	28	31	4 382
1985 to 1988 -----	38	5 394	1 928	23	10 744	75	48	43	10 707
1980 to 1984 -----	9	3 079	1 593	38	6 303	56	14	13	6 290
1970 to 1979 -----	5	4 417	2 745	30	11 180	84	72	38	11 180
1960 to 1969 -----	20	2 155	1 574	7	6 912	54	5	74	6 849
1959 or earlier -----	11	1 637	2 044	42	6 005	25	—	20	5 985
Renter-occupied housing units -----	315	15 104	3 663	181	18 486	633	168	195	18 342
1989 to March 1990 -----	189	7 583	1 533	91	8 108	253	83	122	8 025
1985 to 1988 -----	92	5 699	1 144	65	6 624	289	45	44	6 585
1980 to 1984 -----	18	1 138	525	19	2 097	65	18	22	2 075
1970 to 1979 -----	16	425	277	6	1 311	21	22	7	1 311
1960 to 1969 -----	—	161	81	—	210	5	—	—	210
1959 or earlier -----	—	98	100	—	136	—	—	—	136
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units -----	102	18 599	10 792	157	45 535	339	167	219	45 393
Lacking complete plumbing facilities -----	—	76	49	5	78	—	—	—	78
1.01 or more -----	—	—	—	—	6	—	—	—	6
Renter-occupied housing units -----	315	15 104	3 663	181	18 486	633	168	195	18 342
Lacking complete plumbing facilities -----	—	60	28	—	55	—	8	7	48
1.01 or more -----	—	6	—	—	7	—	—	7	—

DETAILED HOUSING CHARACTERISTICS

Table 70. Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Muscatine County			Polk County				
	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units -----	14 286	671	14 019	121 461	5 300	1 512	1 577	120 517
TENURE								
Owner-occupied housing units -----	10 409	305	10 293	80 818	2 260	712	874	80 324
Renter-occupied housing units -----	3 877	366	3 726	40 643	3 040	800	703	40 193
YEAR STRUCTURE BUILT								
Owner-occupied housing units -----	10 409	305	10 293	80 818	2 260	712	874	80 324
1989 to March 1990 -----	116	—	116	1 555	18	18	16	1 544
1985 to 1988 -----	358	2	358	5 336	24	87	12	5 324
1980 to 1984 -----	802	6	798	4 266	87	62	14	4 257
1970 to 1979 -----	2 263	73	2 248	13 993	326	194	130	13 929
1960 to 1969 -----	1 448	36	1 422	13 082	279	102	105	13 029
1950 to 1959 -----	952	44	941	15 765	280	57	220	15 665
1940 to 1949 -----	871	52	864	8 322	273	52	126	8 228
1939 or earlier -----	3 599	92	3 546	18 499	973	140	251	18 348
Renter-occupied housing units -----	3 877	366	3 726	40 643	3 040	800	703	40 193
1989 to March 1990 -----	22	—	22	1 230	66	5	14	1 222
1985 to 1988 -----	97	2	95	3 744	156	63	19	3 725
1980 to 1984 -----	425	59	403	3 572	277	60	71	3 509
1970 to 1979 -----	846	50	821	11 549	556	141	290	11 372
1960 to 1969 -----	288	17	271	6 532	610	135	83	6 485
1950 to 1959 -----	357	37	331	3 948	281	91	45	3 924
1940 to 1949 -----	260	20	248	2 723	234	34	43	2 699
1939 or earlier -----	1 582	181	1 535	7 345	860	271	138	7 257
BEDROOMS								
Owner-occupied housing units -----	10 409	305	10 293	80 818	2 260	712	874	80 324
None -----	—	—	—	91	—	—	—	91
1 -----	347	24	336	1 913	81	128	21	1 892
2 -----	2 767	92	2 729	21 858	693	125	256	21 724
3 -----	5 202	101	5 163	38 779	1 155	251	476	38 507
4 -----	1 733	83	1 707	15 784	255	171	116	15 717
5 or more -----	360	5	358	2 393	76	37	5	2 393
Renter-occupied housing units -----	3 877	366	3 726	40 643	3 040	800	703	40 193
None -----	81	20	61	2 540	239	95	8	2 532
1 -----	1 061	143	1 027	12 222	784	265	228	12 070
2 -----	1 412	115	1 363	19 815	1 317	316	289	19 636
3 -----	954	64	930	4 956	572	109	133	4 860
4 -----	275	15	260	870	128	15	30	855
5 or more -----	94	9	85	240	—	—	15	240
SOURCE OF WATER								
Public system or private company -----	10 701	629	10 444	118 432	5 300	1 492	1 569	117 496
Individual drilled well -----	3 201	29	3 194	2 546	—	14	8	2 538
Individual dug well -----	292	13	289	426	—	6	—	426
Some other source -----	92	—	92	57	—	—	—	57
SEWAGE DISPOSAL								
Public sewer -----	10 566	636	10 315	110 799	5 250	1 454	1 454	109 919
Septic tank or cesspool -----	3 614	35	3 598	10 521	14	53	115	10 457
Other means -----	106	—	106	141	36	5	8	141
KITCHEN FACILITIES								
Complete kitchen facilities -----	14 263	671	13 996	120 815	5 261	1 499	1 558	119 886
Lacking complete kitchen facilities -----	23	—	23	646	39	13	19	631
HOUSE HEATING FUEL								
Utility gas -----	10 630	532	10 430	96 962	4 058	1 095	1 284	96 206
Bottled, tank, or LP gas -----	1 726	38	1 710	4 417	86	27	38	4 387
Electricity -----	1 386	91	1 335	16 980	1 019	363	248	16 829
Fuel oil, kerosene, etc. -----	191	—	191	718	39	—	—	718
Coal or coke -----	—	—	—	33	—	—	—	33
Wood -----	301	—	301	660	—	—	—	660
Solar energy -----	—	—	—	6	—	—	—	6
Other fuel -----	6	—	6	1 083	30	—	7	1 076
No fuel used -----	46	10	46	602	68	27	—	602
VEHICLES AVAILABLE								
None -----	1 051	125	996	8 404	1 168	141	164	8 309
1 -----	4 228	189	4 145	40 550	2 224	382	510	40 199
2 -----	5 713	191	5 655	50 431	1 416	571	642	50 050
3 -----	2 294	105	2 249	16 340	378	251	191	16 251
4 -----	725	25	718	4 067	83	134	63	4 046
5 or more -----	275	36	256	1 669	31	33	7	1 662
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	10 409	305	10 293	80 818	2 260	712	874	80 324
1989 to March 1990 -----	746	33	742	8 762	212	122	113	8 683
1985 to 1988 -----	2 184	81	2 162	21 305	362	281	250	21 188
1980 to 1984 -----	1 893	100	1 850	11 131	271	113	92	11 078
1970 to 1979 -----	2 645	54	2 626	17 603	580	169	238	17 483
1960 to 1969 -----	1 351	37	1 323	10 797	477	13	94	10 734
1959 or earlier -----	1 590	—	1 590	11 220	358	14	87	11 158
Renter-occupied housing units -----	3 877	366	3 726	40 643	3 040	800	703	40 193
1989 to March 1990 -----	1 459	180	1 375	18 886	1 372	425	18 616	
1985 to 1988 -----	1 474	150	1 407	14 778	1 096	316	234	14 628
1980 to 1984 -----	520	29	520	3 985	390	53	44	3 955
1970 to 1979 -----	268	—	268	2 229	109	6	—	2 229
1960 to 1969 -----	60	7	60	504	53	—	—	504
1959 or earlier -----	96	—	96	261	20	—	—	261
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units -----	10 409	305	10 293	80 818	2 260	712	874	80 324
Lacking complete plumbing facilities -----	42	—	42	169	20	—	9	160
1.01 or more -----	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	3 877	366	3 726	40 643	3 040	800	703	40 193
Lacking complete plumbing facilities -----	26	6	20	68	23	14	—	68
1.01 or more -----	16	6	10	—	—	8	—	—

Table 70. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Pottawattamie County			Scott County				
	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units -----	30 810	359	30 570	53 979	2 559	267	1 001	53 380
TENURE								
Owner-occupied housing units -----	22 000	261	21 832	36 889	807	99	508	36 589
Renter-occupied housing units -----	8 810	98	8 738	17 090	1 752	168	493	16 791
YEAR STRUCTURE BUILT								
Owner-occupied housing units -----	22 000	261	21 832	36 889	807	99	508	36 589
1989 to March 1990 -----	174	—	174	291	—	—	—	291
1985 to 1988 -----	536	29	529	1 280	21	7	7	1 273
1980 to 1984 -----	946	23	935	2 339	59	—	24	2 315
1970 to 1979 -----	3 392	20	3 377	7 944	187	38	51	7 913
1960 to 1969 -----	3 760	34	3 734	7 788	87	22	122	7 699
1950 to 1959 -----	4 104	51	4 083	5 604	80	—	79	5 560
1940 to 1949 -----	1 703	27	1 680	3 494	28	6	36	3 489
1939 or earlier -----	7 385	77	7 320	8 149	345	26	189	8 049
Renter-occupied housing units -----	8 810	98	8 738	17 090	1 752	168	493	16 791
1989 to March 1990 -----	114	—	114	17	—	—	—	17
1985 to 1988 -----	486	7	479	398	16	—	—	398
1980 to 1984 -----	417	—	417	1 117	117	29	54	1 087
1970 to 1979 -----	2 138	29	2 120	5 099	519	71	84	5 051
1960 to 1969 -----	1 122	5	1 122	2 860	265	27	67	2 809
1950 to 1959 -----	1 019	4	1 019	1 733	118	7	47	1 698
1940 to 1949 -----	726	14	712	1 165	110	—	31	1 143
1939 or earlier -----	2 788	39	2 755	4 701	607	34	210	4 588
BEDROOMS								
Owner-occupied housing units -----	22 000	261	21 832	36 889	807	99	508	36 589
None -----	20	6	14	21	—	—	—	21
1 -----	698	11	687	821	12	6	8	815
2 -----	6 137	77	6 083	8 278	119	7	97	8 226
3 -----	10 895	125	10 833	18 918	467	38	299	18 754
4 -----	3 489	42	3 454	7 614	189	41	104	7 536
5 or more -----	761	—	761	1 237	20	7	—	1 237
Renter-occupied housing units -----	8 810	98	8 738	17 090	1 752	168	493	16 791
None -----	443	—	443	590	55	—	22	568
1 -----	2 614	30	2 600	4 810	490	52	133	4 719
2 -----	3 568	32	3 536	7 418	712	79	197	7 303
3 -----	1 586	25	1 571	3 311	438	22	86	3 288
4 -----	493	11	482	805	35	15	48	764
5 or more -----	106	—	106	156	22	—	7	149
SOURCE OF WATER								
Public system or private company -----	25 400	345	25 174	49 289	2 559	267	983	48 708
Individual drilled well -----	4 585	14	4 571	4 247	—	—	18	4 229
Individual dug well -----	788	—	788	331	—	—	—	331
Some other source -----	37	—	37	112	—	—	—	112
SEWAGE DISPOSAL								
Public sewer -----	24 466	338	24 247	48 292	2 519	267	983	47 711
Septic tank or cesspool -----	6 263	21	6 242	5 618	27	—	18	5 600
Other means -----	81	—	81	69	13	—	—	69
KITCHEN FACILITIES								
Complete kitchen facilities -----	30 680	359	30 440	53 781	2 551	267	987	53 196
Lacking complete kitchen facilities -----	130	—	130	198	8	—	14	184
HOUSE HEATING FUEL								
Utility gas -----	24 444	317	24 239	46 947	2 141	231	854	46 447
Bottled, tank, or LP gas -----	3 019	13	3 013	2 243	17	—	9	2 234
Electricity -----	2 106	23	2 083	3 637	382	36	112	3 563
Fuel oil, kerosene, etc. -----	513	—	513	496	8	—	9	489
Coal or coke -----	—	—	—	—	—	—	—	—
Wood -----	581	6	575	398	—	—	8	398
Solar energy -----	23	—	23	7	—	—	—	7
Other fuel -----	57	—	57	191	11	—	9	182
No fuel used -----	67	—	67	60	—	—	—	60
VEHICLES AVAILABLE								
None -----	2 415	58	2 378	3 817	586	22	124	3 759
1 -----	9 380	97	9 305	16 932	1 069	126	385	16 719
2 -----	12 228	116	12 160	22 936	563	52	316	22 706
3 -----	4 880	76	4 832	7 534	291	32	138	7 463
4 -----	1 400	—	1 400	1 879	38	25	26	1 859
5 or more -----	507	12	495	881	12	10	12	874
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	22 000	261	21 832	36 889	807	99	508	36 589
1989 to March 1990 -----	1 706	49	1 681	3 437	61	11	71	3 406
1985 to 1988 -----	4 451	83	4 405	8 047	137	45	129	7 975
1980 to 1984 -----	3 213	29	3 197	5 191	160	7	52	5 148
1970 to 1979 -----	5 450	35	5 426	9 391	250	36	139	9 310
1960 to 1969 -----	3 508	20	3 488	5 981	134	—	88	5 927
1959 or earlier -----	3 672	45	3 635	4 842	65	—	29	4 823
Renter-occupied housing units -----	8 810	98	8 738	17 090	1 752	168	493	16 791
1989 to March 1990 -----	3 555	44	3 517	8 161	883	86	329	7 942
1985 to 1988 -----	3 041	40	3 021	5 966	657	44	104	5 916
1980 to 1984 -----	1 035	14	1 021	1 567	130	31	20	1 553
1970 to 1979 -----	793	—	793	1 000	35	7	33	991
1960 to 1969 -----	197	—	197	240	26	—	—	240
1959 or earlier -----	189	—	189	156	21	—	7	149
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units -----	22 000	261	21 832	36 889	807	99	508	36 589
Lacking complete plumbing facilities -----	73	—	73	58	—	—	2	58
1.01 or more -----	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	8 810	98	8 738	17 090	1 752	168	493	16 791
Lacking complete plumbing facilities -----	21	—	21	43	19	—	—	43
1.01 or more -----	—	—	—	—	8	—	—	—

DETAILED HOUSING CHARACTERISTICS

Table 70. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Story County			Tama County	Webster County
	White	Black	Asian or Pacific Islander	White	White
Occupied housing units -----	24 374	370	1 097	6 551	15 612
TENURE					
Owner-occupied housing units -----	14 240	47	188	4 960	10 801
Renter-occupied housing units -----	10 134	323	909	1 591	4 811
YEAR STRUCTURE BUILT					
Owner-occupied housing units -----	14 240	47	188	4 960	10 801
1989 to March 1990 -----	160	—	14	2	12
1985 to 1988 -----	536	—	17	96	130
1980 to 1984 -----	723	6	—	233	270
1970 to 1979 -----	3 672	—	63	756	1 714
1960 to 1969 -----	2 637	10	29	498	1 601
1950 to 1959 -----	1 979	6	35	567	2 137
1940 to 1949 -----	928	8	9	336	1 042
1939 or earlier -----	3 606	17	21	2 472	3 895
Renter-occupied housing units -----	10 134	323	909	1 591	4 811
1989 to March 1990 -----	40	—	13	—	28
1985 to 1988 -----	705	21	42	59	133
1980 to 1984 -----	947	17	76	76	228
1970 to 1979 -----	3 020	91	198	288	896
1960 to 1969 -----	1 863	76	200	144	597
1950 to 1959 -----	998	21	75	99	632
1940 to 1949 -----	828	50	210	157	442
1939 or earlier -----	1 733	47	95	768	1 855
BEDROOMS					
Owner-occupied housing units -----	14 240	47	188	4 960	10 801
None -----	19	—	—	—	17
1 -----	286	—	5	129	300
2 -----	3 003	8	59	1 104	2 731
3 -----	6 967	21	55	2 359	5 514
4 -----	3 406	18	56	1 113	1 950
5 or more -----	559	—	13	255	289
Renter-occupied housing units -----	10 134	323	909	1 591	4 811
None -----	386	16	108	17	148
1 -----	2 661	139	361	285	1 288
2 -----	4 713	132	370	470	1 910
3 -----	1 766	34	40	478	1 092
4 -----	472	2	12	256	324
5 or more -----	136	—	18	85	49
SOURCE OF WATER					
Public system or private company -----	21 781	370	1 082	4 493	12 933
Individual drilled well -----	2 379	—	15	1 708	1 990
Individual dug well -----	189	—	—	330	655
Some other source -----	25	—	—	20	34
SEWAGE DISPOSAL					
Public sewer -----	21 177	370	1 071	3 972	12 408
Septic tank or cesspool -----	3 134	—	15	2 498	3 141
Other means -----	63	—	11	81	63
KITCHEN FACILITIES					
Complete kitchen facilities -----	24 235	362	1 064	6 496	15 494
Lacking complete kitchen facilities -----	139	8	33	55	118
HOUSE HEATING FUEL					
Utility gas -----	18 199	285	935	3 093	12 397
Bottled, tank, or LP gas -----	2 747	—	14	1 526	2 099
Electricity -----	2 466	63	141	497	663
Fuel oil, kerosene, etc. -----	537	2	—	962	124
Coal or coke -----	10	—	—	3	—
Wood -----	185	—	—	452	167
Solar energy -----	13	—	—	—	—
Other fuel -----	184	20	—	18	122
No fuel used -----	33	—	7	—	40
VEHICLES AVAILABLE					
None -----	1 187	57	174	385	1 311
1 -----	8 324	224	617	1 858	5 099
2 -----	10 085	85	214	2 500	6 437
3 -----	3 475	4	76	1 315	2 021
4 -----	1 035	—	6	343	548
5 or more -----	268	—	10	150	196
YEAR HOUSEHOLDER MOVED INTO UNIT					
Owner-occupied housing units -----	14 240	47	188	4 960	10 801
1989 to March 1990 -----	1 399	6	23	227	1 022
1985 to 1988 -----	3 590	6	75	794	1 974
1980 to 1984 -----	2 401	—	20	670	1 539
1970 to 1979 -----	3 538	15	66	1 404	2 683
1960 to 1969 -----	1 796	12	4	705	1 689
1959 or earlier -----	1 516	8	—	1 160	1 894
Renter-occupied housing units -----	10 134	323	909	1 591	4 811
1989 to March 1990 -----	5 384	254	551	522	1 843
1985 to 1988 -----	3 286	49	339	486	1 674
1980 to 1984 -----	839	20	19	239	610
1970 to 1979 -----	393	—	—	209	468
1960 to 1969 -----	132	—	—	53	96
1959 or earlier -----	100	—	—	82	120
PLUMBING FACILITIES BY PERSONS PER ROOM					
Owner-occupied housing units -----	14 240	47	188	4 960	10 801
Lacking complete plumbing facilities -----	35	—	—	72	40
1.01 or more -----	—	—	—	—	—
Renter-occupied housing units -----	10 134	323	909	1 591	4 811
Lacking complete plumbing facilities -----	45	10	—	7	29
1.01 or more -----	—	—	—	—	—

Table 70. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Woodbury County						
	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	
Occupied housing units -----	35 330	565	392	324	557	35 113	
TENURE							
Owner-occupied housing units -----	24 837	181	95	124	166	24 749	
Renter-occupied housing units -----	10 493	384	297	200	391	10 364	
YEAR STRUCTURE BUILT							
Owner-occupied housing units -----	24 837	181	95	124	166	24 749	
1989 to March 1990 -----	169	5	—	—	—	169	
1985 to 1988 -----	499	—	6	9	6	499	
1980 to 1984 -----	878	4	—	6	7	871	
1970 to 1979 -----	3 891	11	9	41	11	3 880	
1960 to 1969 -----	2 957	24	10	17	5	2 952	
1950 to 1959 -----	3 933	15	4	9	17	3 920	
1940 to 1949 -----	2 283	3	15	11	11	2 276	
1939 or earlier -----	10 227	119	51	31	109	10 182	
Renter-occupied housing units -----	10 493	384	297	200	391	10 364	
1989 to March 1990 -----	5	—	—	—	—	5	
1985 to 1988 -----	441	9	5	—	—	441	
1980 to 1984 -----	530	—	—	8	20	530	
1970 to 1979 -----	1 925	52	72	13	62	1 894	
1960 to 1969 -----	1 126	9	38	17	—	1 126	
1950 to 1959 -----	1 164	26	35	23	41	1 164	
1940 to 1949 -----	1 153	51	27	43	32	1 148	
1939 or earlier -----	4 149	237	120	96	236	4 056	
BEDROOMS							
Owner-occupied housing units -----	24 837	181	95	124	166	24 749	
None -----	15	—	—	—	—	15	
1 -----	873	—	7	6	3	870	
2 -----	7 264	51	14	35	64	7 228	
3 -----	10 943	72	37	47	47	10 906	
4 -----	4 850	36	28	36	48	4 842	
5 or more -----	892	22	9	—	4	888	
Renter-occupied housing units -----	10 493	384	297	200	391	10 364	
None -----	359	15	20	—	23	359	
1 -----	3 278	118	86	61	182	3 213	
2 -----	4 183	160	117	88	141	4 140	
3 -----	1 816	56	44	51	37	1 795	
4 -----	679	30	23	—	8	679	
5 or more -----	178	5	7	—	—	178	
SOURCE OF WATER							
Public system or private company -----	32 230	565	392	324	557	32 013	
Individual drilled well -----	2 450	—	—	—	—	2 450	
Individual dug well -----	614	—	—	—	—	614	
Some other source -----	36	—	—	—	—	36	
SEWAGE DISPOSAL							
Public sewer -----	31 574	552	376	307	552	31 357	
Septic tank or cesspool -----	3 632	13	9	—	—	3 632	
Other means -----	124	—	7	17	5	124	
KITCHEN FACILITIES							
Complete kitchen facilities -----	35 192	565	379	324	557	34 975	
Lacking complete kitchen facilities -----	138	—	13	—	—	138	
HOUSE HEATING FUEL							
Utility gas -----	27 368	508	321	245	511	27 179	
Bottled, tank, or LP gas -----	2 852	9	10	5	21	2 831	
Electricity -----	3 270	37	43	58	9	3 263	
Fuel oil, kerosene, etc. -----	1 030	8	—	—	—	1 030	
Coal or coke -----	—	—	—	16	—	—	
Wood -----	398	—	—	—	—	398	
Solar energy -----	—	—	—	—	—	—	
Other fuel -----	313	3	18	—	4	313	
No fuel used -----	99	—	—	—	12	99	
VEHICLES AVAILABLE							
None -----	3 187	154	122	55	75	3 154	
1 -----	12 051	285	203	157	266	11 957	
2 -----	13 876	89	49	63	137	13 815	
3 -----	4 483	14	18	25	47	4 465	
4 -----	1 275	18	—	24	32	1 264	
5 or more -----	458	5	—	—	—	458	
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units -----	24 837	181	95	124	166	24 749	
1989 to March 1990 -----	2 245	18	23	34	20	2 234	
1985 to 1988 -----	4 881	19	13	54	32	4 855	
1980 to 1984 -----	3 682	15	19	19	24	3 674	
1970 to 1979 -----	6 147	32	23	6	60	6 115	
1960 to 1969 -----	3 461	49	5	7	8	3 453	
1959 or earlier -----	4 421	48	12	4	22	4 418	
Renter-occupied housing units -----	10 493	384	297	200	391	10 364	
1989 to March 1990 -----	4 364	255	204	95	281	4 277	
1985 to 1988 -----	3 766	91	90	86	87	3 724	
1980 to 1984 -----	1 102	23	—	19	23	1 102	
1970 to 1979 -----	784	9	3	—	—	784	
1960 to 1969 -----	250	6	—	—	—	250	
1959 or earlier -----	227	—	—	—	—	227	
PLUMBING FACILITIES BY PERSONS PER ROOM							
Owner-occupied housing units -----	24 837	181	95	124	166	24 749	
Lacking complete plumbing facilities -----	130	—	—	3	—	130	
1.01 or more -----	6	—	—	3	—	6	
Renter-occupied housing units -----	10 493	384	297	200	391	10 364	
Lacking complete plumbing facilities -----	65	—	—	—	—	65	
1.01 or more -----	—	—	—	—	—	—	

Table 71. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Black Hawk County			Clinton County	Des Moines County			Johnson County		
	White	Black	Asian or Pacific Islander	White	White	Black	White	Black	Asian or Pacific Islander	
Occupied housing units -----	43 637	2 937	231	19 471	16 341	399	33 959	600	1 325	
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units -----	10 319	408	6	5 383	4 447	21	4 775	9	12	
Owner occupied -----	8 101	281	—	4 299	3 637	21	3 627	—	12	
1-person households -----	4 942	178	—	2 544	2 246	—	2 191	9	—	
Built 1939 or earlier -----	2 870	187	—	2 084	1 998	21	1 277	—	—	
Mean household income in 1989 (dollars) -----	22 672	14 216	—	19 635	20 987	33 714	29 762	21 604	20 883	
Female householder, no husband present -----	4 653	174	—	2 349	2 071	—	2 160	—	—	
Lacking complete plumbing facilities -----	39	—	—	26	34	—	42	—	—	
No vehicle available -----	1 691	142	6	929	850	—	785	—	7	
No telephone in unit -----	30	10	—	87	42	—	42	—	—	
1-person households -----	18	10	—	68	42	—	33	—	—	
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units -----	1 776	245	—	916	828	5	672	—	5	
Married-couple families -----	684	41	—	334	254	5	179	—	5	
With own children under 18 years -----	293	7	—	141	116	5	74	—	—	
Families with female householder -----	284	107	—	150	147	—	92	—	—	
With own children under 18 years -----	178	65	—	100	113	—	53	—	—	
Householder worked in 1989 -----	669	70	—	350	306	—	352	—	—	
With public assistance income -----	344	80	—	107	134	—	72	—	—	
With Social Security income -----	699	97	—	436	415	—	243	—	—	
Built 1939 or earlier -----	618	112	—	531	463	—	172	—	—	
Lacking complete plumbing facilities -----	21	—	—	9	9	—	11	—	—	
No vehicle available -----	223	58	—	111	135	—	133	—	—	
No telephone in unit -----	124	17	—	23	57	—	64	—	—	
1.01 or more persons per room -----	45	13	—	23	12	—	41	—	—	
Renter-occupied housing units -----	4 229	942	44	1 392	934	137	4 596	186	477	
Married-couple families -----	579	46	6	177	119	22	414	26	169	
With own children under 18 years -----	371	35	—	121	78	22	275	24	131	
Families with female householder -----	1 265	587	4	515	441	111	323	51	45	
With own children under 18 years -----	1 154	558	—	493	392	111	285	51	15	
Householder worked in 1989 -----	2 612	451	38	649	459	38	3 821	170	227	
With public assistance income -----	1 301	461	7	478	340	98	366	15	6	
With Social Security income -----	618	129	—	333	215	16	291	17	—	
Built 1939 or earlier -----	1 028	172	9	595	264	33	1 082	52	86	
Lacking complete plumbing facilities -----	12	17	—	6	8	—	20	—	17	
No vehicle available -----	847	462	13	496	317	60	823	92	105	
No telephone in unit -----	488	260	8	337	235	45	231	22	14	
1.01 or more persons per room -----	149	133	—	28	55	23	135	12	167	
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	26 678	12 264	26 607	25 067	26 699	21 964	29 079	16 488	12 297	
Owner occupied (dollars) -----	33 374	21 236	63 948	30 155	31 232	38 636	41 697	44 643	51 346	
Renter occupied (dollars) -----	15 129	7 860	15 446	16 550	15 838	9 376	17 650	14 031	11 361	
Specified owner-occupied housing units -----	26 046	1 249	130	11 168	9 606	160	13 439	65	150	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	15 174	725	101	5 872	4 830	120	9 747	65	138	
Less than \$200 -----	128	12	—	31	38	—	22	—	—	
\$200 to \$299 -----	873	96	—	506	386	15	72	—	—	
\$300 to \$399 -----	2 480	185	22	1 236	866	—	415	—	—	
\$400 to \$499 -----	3 188	168	7	1 260	1 134	35	759	—	—	
\$500 to \$599 -----	2 695	95	—	1 042	866	42	1 300	—	8	
\$600 to \$699 -----	2 114	49	13	49	649	—	1 507	—	12	
\$700 to \$799 -----	1 345	62	—	387	312	21	1 407	11	30	
\$800 to \$899 -----	835	17	4	264	207	5	1 205	12	23	
\$900 to \$999 -----	522	25	21	177	151	2	857	7	15	
\$1,000 to \$1,249 -----	594	16	10	135	125	—	1 160	11	23	
\$1,250 to \$1,499 -----	215	—	—	42	73	—	513	24	20	
\$1,500 to \$1,999 -----	127	—	11	32	8	—	336	—	7	
\$2,000 or more -----	58	—	13	5	15	—	194	—	—	
Median (dollars) -----	533	428	925	492	499	529	760	1 057	885	
Mean (dollars) -----	586	485	1 116	535	548	539	836	1 081	947	
Not mortgaged -----	10 872	524	29	5 296	4 776	40	3 692	—	12	
Less than \$100 -----	283	23	—	153	150	10	13	—	—	
\$100 to \$199 -----	4 839	171	6	2 620	2 358	12	861	—	—	
\$200 to \$299 -----	4 464	200	8	2 076	1 824	9	1 685	—	5	
\$300 to \$399 -----	957	92	15	364	387	9	812	—	7	
\$400 to \$499 -----	198	23	—	34	37	—	208	—	—	
\$500 or more -----	131	15	—	49	20	—	113	—	—	
Median (dollars) -----	205	228	352	196	196	192	253	—	357	
Mean (dollars) -----	216	241	313	205	206	200	269	—	294	
Specified renter-occupied housing units -----	13 114	1 614	101	5 033	4 052	231	14 766	506	1 126	
GROSS RENT										
Less than \$100 -----	190	92	—	70	86	6	71	8	—	
\$100 to \$149 -----	513	147	—	231	220	50	153	20	18	
\$150 to \$199 -----	774	176	25	523	320	6	454	15	103	
\$200 to \$249 -----	1 367	145	19	718	492	23	609	19	138	
\$250 to \$299 -----	2 224	182	—	776	591	17	1 133	50	180	
\$300 to \$349 -----	2 413	231	13	950	575	27	1 811	127	189	
\$350 to \$399 -----	1 967	196	21	626	684	14	2 073	69	175	
\$400 to \$449 -----	1 261	215	—	443	433	22	2 327	29	97	
\$450 to \$499 -----	743	80	18	287	212	14	1 555	42	95	
\$500 to \$549 -----	482	80	—	138	159	25	1 125	41	26	
\$550 to \$599 -----	348	15	—	74	66	12	788	26	29	
\$600 to \$649 -----	172	11	—	36	13	—	655	23	10	
\$650 to \$699 -----	138	27	—	4	5	—	578	—	24	
\$700 to \$749 -----	65	9	—	12	6	—	326	22	6	
\$750 to \$999 -----	99	—	—	6	18	9	616	12	7	
\$1,000 or more -----	9	—	—	—	4	—	160	—	13	
No cash rent -----	349	8	5	139	168	6	332	3	16	
Median (dollars) -----	327	313	308	306	319	335	419	358	321	
Mean (dollars) -----	339	310	309	310	322	334	445	397	352	

Table 71. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Johnson County—Con.		Lee County		Linn County				
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units -----	417	33 703	14 455	338	64 021	972	335	414	63 735
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units -----	59	4 734	4 110	56	13 783	93	27	73	13 726
Owner occupied -----	31	3 605	3 161	36	10 928	76	10	59	10 878
1-person households -----	32	2 177	2 071	17	6 640	54	—	31	6 621
Built 1939 or earlier -----	30	1 256	1 830	22	3 805	55	7	21	3 793
Mean household income in 1989 (dollars) -----	40 252	29 606	18 158	16 811	23 291	13 826	31 732	18 855	23 299
Female householder, no husband present -----	23	2 146	1 831	24	6 285	49	15	11	6 285
Lacking complete plumbing facilities -----	—	42	48	5	49	—	—	—	49
No vehicle available -----	10	784	734	20	2 781	43	—	18	2 774
No telephone in unit -----	—	42	87	—	96	—	—	—	96
1-person households -----	—	33	65	—	83	—	—	—	83
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units -----	17	661	864	12	1 803	50	26	18	1 796
Married-couple families -----	—	179	334	11	536	27	13	—	536
With own children under 18 years -----	—	74	137	11	296	10	8	—	296
Families with female householder -----	—	92	159	—	278	—	—	5	278
With own children under 18 years -----	—	53	106	—	206	—	—	—	206
Householder worked in 1989 -----	11	341	307	11	809	19	13	12	802
With public assistance income -----	—	72	169	—	365	—	—	7	358
With Social Security income -----	11	232	366	1	631	31	5	—	631
Built 1939 or earlier -----	11	163	326	4	659	42	13	12	652
Lacking complete plumbing facilities -----	—	11	19	—	7	—	—	—	7
No vehicle available -----	—	133	150	—	90	8	—	5	310
No telephone in unit -----	—	64	52	—	10	19	—	7	83
1.01 or more persons per room -----	—	41	28	—	74	9	—	—	74
Renter-occupied housing units -----	88	4 543	1 060	88	3 687	316	76	87	3 630
Married-couple families -----	5	409	134	7	367	47	28	10	357
With own children under 18 years -----	5	270	99	7	235	47	17	10	225
Families with female householder -----	7	323	422	53	1 029	150	13	27	1 014
With own children under 18 years -----	—	285	412	53	954	142	6	27	939
Householder worked in 1989 -----	78	3 778	505	30	2 166	224	16	70	2 116
With public assistance income -----	10	356	418	51	1 152	180	12	27	1 137
With Social Security income -----	10	281	286	18	785	35	12	22	770
Built 1939 or earlier -----	25	1 073	398	46	990	87	23	3	990
Lacking complete plumbing facilities -----	—	20	9	—	11	—	8	—	11
No vehicle available -----	25	814	349	50	985	171	9	34	977
No telephone in unit -----	—	231	295	42	437	46	21	23	430
1.01 or more persons per room -----	—	135	50	—	160	51	13	14	150
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars) -----	16 799	29 157	24 299	17 500	31 954	18 438	30 486	23 200	31 993
Owner occupied (dollars) -----	47 143	41 652	28 394	26 979	37 466	32 633	45 284	28 594	37 507
Renter occupied (dollars) -----	14 511	17 708	13 868	12 946	19 436	11 633	27 727	14 886	19 449
Specified owner-occupied housing units -----	70	13 395	8 103	133	37 895	312	137	214	37 758
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage -----	68	9 705	3 973	75	25 124	222	94	166	25 030
Less than \$200 -----	—	22	30	—	59	—	—	—	59
\$200 to \$299 -----	—	72	249	14	720	11	—	15	720
\$300 to \$399 -----	9	415	724	16	3 015	31	—	39	2 980
\$400 to \$499 -----	2	757	1 014	14	3 704	50	15	31	3 685
\$500 to \$599 -----	7	1 296	740	10	4 436	44	20	10	4 432
\$600 to \$699 -----	—	1 507	489	6	3 957	30	—	21	3 948
\$700 to \$799 -----	—	1 407	296	15	3 089	36	8	7	3 089
\$800 to \$899 -----	21	1 193	161	—	1 915	6	13	13	1 902
\$900 to \$999 -----	9	848	103	—	1 385	7	7	8	1 385
\$1,000 to \$1,249 -----	8	1 152	100	—	1 602	7	17	10	1 600
\$1,250 to \$1,499 -----	12	506	44	—	556	—	5	4	552
\$1,500 to \$1,999 -----	—	336	23	—	436	—	9	8	428
\$2,000 or more -----	—	194	—	—	250	—	—	—	250
Median (dollars) -----	882	759	497	454	615	526	825	486	615
Mean (dollars) -----	882	836	544	480	679	557	883	620	680
Not mortgaged -----	2	3 690	4 130	58	12 771	90	43	48	12 728
Less than \$100 -----	—	13	76	—	157	—	—	—	157
\$100 to \$199 -----	—	81	1 844	31	4 566	51	32	32	4 539
\$200 to \$299 -----	2	1 683	1 730	15	6 261	18	11	12	6 249
\$300 to \$399 -----	—	812	362	7	1 310	21	—	—	1 310
\$400 to \$499 -----	—	208	83	—	188	—	—	—	188
\$500 or more -----	—	113	35	5	289	—	—	4	285
Median (dollars) -----	225	253	206	194	220	189	179	188	220
Mean (dollars) -----	208	269	219	236	233	214	183	234	233
Specified renter-occupied housing units -----	315	14 572	3 407	181	17 879	633	168	195	17 735
GROSS RENT									
Less than \$100 -----	10	61	42	6	227	—	3	—	227
\$100 to \$149 -----	4	153	273	—	504	47	—	7	497
\$150 to \$199 -----	12	442	317	39	807	61	8	14	796
\$200 to \$249 -----	13	604	548	19	927	38	13	—	927
\$250 to \$299 -----	32	1 128	481	34	2 182	55	8	19	2 174
\$300 to \$349 -----	42	1 782	515	15	3 025	103	34	36	2 993
\$350 to \$399 -----	46	2 052	485	7	2 718	71	29	34	2 703
\$400 to \$449 -----	75	2 274	230	54	2 483	84	27	41	2 456
\$450 to \$499 -----	9	1 546	112	—	1 745	43	4	30	1 715
\$500 to \$549 -----	—	1 125	79	—	1 097	30	8	7	1 090
\$550 to \$599 -----	23	765	41	—	649	27	11	7	642
\$600 to \$649 -----	13	648	—	7	353	13	—	—	353
\$650 to \$699 -----	9	578	5	—	240	29	—	—	240
\$700 to \$749 -----	7	326	3	—	123	7	—	—	123
\$750 to \$999 -----	9	607	36	—	313	25	2	—	313
\$1,000 or more -----	10	150	12	—	35	—	7	—	35
No cash rent -----	1	331	228	—	451	—	14	—	451
Median (dollars) -----	398	419	292	292	371	376	364	376	371
Mean (dollars) -----	424	445	302	306	380	379	432	371	380

DETAILED HOUSING CHARACTERISTICS

Table 71. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Muscatine County			Polk County				
	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units -----	14 286	671	14 019	121 461	5 300	1 512	1 577	120 517
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units -----	3 405	25	3 394	23 992	897	53	155	23 908
Owner occupied -----	2 715	11	2 704	17 647	607	20	104	17 570
1-person households -----	1 568	25	1 557	11 907	476	7	74	11 851
Built 1939 or earlier -----	1 284	25	1 273	6 521	459	21	79	6 474
Mean household income in 1989 (dollars) -----	22 542	3 622	22 597	26 978	15 647	25 298	17 850	27 014
Female householder, no husband present -----	1 409	11	1 398	11 601	472	13	51	11 572
Lacking complete plumbing facilities -----	29	—	29	39	15	—	—	39
No vehicle available -----	559	25	548	5 031	270	27	51	5 002
No telephone in unit -----	63	14	63	291	34	—	21	291
1-person households -----	40	14	40	227	9	—	12	227
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units -----	540	67	509	3 217	295	35	43	3 193
Married-couple families -----	160	33	151	814	105	28	26	807
With own children under 18 years -----	49	18	40	387	71	16	19	387
Families with female householder -----	82	12	82	603	72	7	11	592
With own children under 18 years -----	63	12	63	419	36	7	11	408
Householder worked in 1989 -----	267	37	247	1 189	145	35	13	1 185
With public assistance income -----	80	26	69	624	82	—	6	618
With Social Security income -----	234	23	223	1 251	122	—	7	1 244
Built 1939 or earlier -----	238	13	225	1 271	158	6	30	1 251
Lacking complete plumbing facilities -----	10	—	10	13	20	—	—	13
No vehicle available -----	73	23	62	582	81	—	30	569
No telephone in unit -----	25	—	25	164	42	—	6	158
1.01 or more persons per room -----	10	4	8	131	15	21	—	131
Renter-occupied housing units -----	875	156	816	6 755	1 108	326	154	6 641
Married-couple families -----	145	59	123	750	129	131	8	742
With own children under 18 years -----	109	52	94	544	105	104	8	536
Families with female householder -----	408	35	395	2 030	585	31	61	1 981
With own children under 18 years -----	402	33	389	1 880	535	25	61	1 831
Householder worked in 1989 -----	470	104	432	3 787	505	210	91	3 721
With public assistance income -----	366	60	340	1 989	537	55	41	1 960
With Social Security income -----	172	31	164	1 438	150	26	25	1 413
Built 1939 or earlier -----	366	117	336	1 760	291	106	26	1 741
Lacking complete plumbing facilities -----	—	—	—	13	—	6	—	13
No vehicle available -----	285	66	260	2 077	549	120	49	2 046
No telephone in unit -----	243	93	222	989	266	67	39	957
1.01 or more persons per room -----	23	33	16	415	204	112	28	392
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars) -----	29 441	21 023	29 675	31 523	18 116	27 833	29 525	31 547
Owner occupied (dollars) -----	33 459	29 453	33 598	37 975	27 054	37 679	35 795	37 996
Renter occupied (dollars) -----	19 015	16 500	19 224	21 530	13 187	17 212	20 781	21 554
Specified owner-occupied housing units -----	7 885	245	7 787	70 303	2 108	580	783	69 856
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage -----	4 639	170	4 578	48 822	1 349	496	611	48 485
Less than \$200 -----	16	2	16	112	8	—	—	112
\$200 to \$299 -----	156	15	145	775	71	19	17	775
\$300 to \$399 -----	529	37	515	3 701	123	19	42	3 683
\$400 to \$499 -----	832	49	818	6 233	245	68	123	6 179
\$500 to \$599 -----	899	16	894	7 341	284	81	89	7 275
\$600 to \$699 -----	704	26	697	7 162	241	86	140	7 080
\$700 to \$799 -----	554	15	554	6 409	128	35	49	6 384
\$800 to \$899 -----	362	5	357	4 906	71	59	52	4 880
\$900 to \$999 -----	147	5	142	3 525	42	41	29	3 518
\$1,000 to \$1,249 -----	348	—	348	4 696	95	20	53	4 654
\$1,250 to \$1,499 -----	44	—	44	1 943	13	20	5	1 938
\$1,500 to \$1,999 -----	43	—	43	1 350	19	20	12	1 338
\$2,000 or more -----	5	—	5	669	9	28	—	669
Median (dollars) -----	588	469	589	687	584	657	623	688
Mean (dollars) -----	634	502	635	763	636	825	670	764
Not mortgaged -----	3 246	75	3 209	21 481	759	84	172	21 371
Less than \$100 -----	65	—	65	256	36	—	—	256
\$100 to \$199 -----	1 582	52	1 565	5 995	298	22	78	5 931
\$200 to \$299 -----	1 296	16	1 283	10 209	251	36	62	10 169
\$300 to \$399 -----	239	7	232	3 715	110	26	3	3 709
\$400 to \$499 -----	35	—	35	682	44	12	6	682
\$500 or more -----	29	—	29	624	20	7	—	624
Median (dollars) -----	199	182	199	239	212	256	207	240
Mean (dollars) -----	208	189	208	255	234	286	223	255
Specified renter-occupied housing units -----	3 496	366	3 345	40 260	3 040	800	703	39 810
GROSS RENT								
Less than \$100 -----	111	18	100	191	50	5	7	184
\$100 to \$149 -----	258	14	250	1 110	275	32	28	1 082
\$150 to \$199 -----	222	45	214	789	192	32	14	781
\$200 to \$249 -----	271	43	271	1 709	229	63	32	1 689
\$250 to \$299 -----	418	30	401	2 268	268	90	39	2 252
\$300 to \$349 -----	429	40	383	3 617	178	133	46	3 583
\$350 to \$399 -----	553	76	520	4 851	506	75	99	4 782
\$400 to \$449 -----	449	32	444	6 141	340	142	114	6 093
\$450 to \$499 -----	323	24	318	5 687	312	66	83	5 614
\$500 to \$549 -----	100	9	98	4 271	245	56	60	4 245
\$550 to \$599 -----	97	9	88	2 827	200	45	17	2 810
\$600 to \$649 -----	47	6	47	1 911	67	16	37	1 890
\$650 to \$699 -----	13	7	13	1 384	49	9	42	1 355
\$700 to \$749 -----	20	—	20	789	28	—	17	780
\$750 to \$999 -----	23	7	16	1 358	56	—	48	1 333
\$1,000 or more -----	7	—	7	403	—	8	10	393
No cash rent -----	155	6	155	954	45	28	10	944
Median (dollars) -----	346	315	347	442	382	377	431	442
Mean (dollars) -----	341	330	341	453	375	383	467	453

Table 71. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Pottawattamie County			Scott County				
	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units -----	30 810	359	30 570	53 979	2 559	267	1 001	53 380
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units -----	7 332	53	7 293	11 400	268	—	115	11 336
Owner occupied -----	5 726	53	5 687	9 039	119	—	84	8 991
1-person households -----	3 469	35	3 442	5 416	181	—	22	5 401
Built 1939 or earlier -----	2 880	18	2 868	3 117	143	—	44	3 090
Mean household income in 1989 (dollars) -----	20 175	15 642	20 194	24 126	12 358	—	19 601	24 169
Female householder, no husband present -----	3 392	32	3 374	5 049	127	—	52	5 016
Lacking complete plumbing facilities -----	19	—	19	34	—	—	2	34
No vehicle available -----	1 386	29	1 365	2 205	77	—	36	2 189
No telephone in unit -----	106	—	106	116	14	—	13	109
1-person households -----	80	—	80	101	14	—	—	101
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units -----	1 454	17	1 450	1 739	94	42	53	1 715
Married-couple families -----	449	15	447	601	29	6	11	597
With own children under 18 years -----	184	15	182	287	17	6	—	287
Families with female householder -----	182	2	180	303	27	17	21	289
With own children under 18 years -----	133	2	131	237	13	17	14	223
Householder worked in 1989 -----	586	10	582	587	38	33	23	579
With public assistance income -----	184	7	184	244	18	—	—	244
With Social Security income -----	690	—	690	611	35	—	—	605
Built 1939 or earlier -----	644	8	642	659	73	10	14	653
Lacking complete plumbing facilities -----	17	—	17	8	—	—	—	8
No vehicle available -----	318	—	318	272	12	—	—	272
No telephone in unit -----	88	—	88	106	—	—	—	88
1.01 or more persons per room -----	63	—	63	27	—	6	—	27
Renter-occupied housing units -----	2 008	41	1 976	4 033	824	95	145	3 931
Married-couple families -----	307	—	307	576	86	32	12	571
With own children under 18 years -----	233	—	233	418	65	25	12	413
Families with female householder -----	855	37	823	1 329	573	25	62	1 292
With own children under 18 years -----	815	37	783	1 224	536	21	55	1 194
Householder worked in 1989 -----	974	10	968	2 051	356	60	51	2 023
With public assistance income -----	764	37	732	1 278	486	10	35	1 248
With Social Security income -----	492	—	492	737	89	—	—	704
Built 1939 or earlier -----	673	13	660	1 509	309	27	49	1 480
Lacking complete plumbing facilities -----	4	—	4	9	—	—	—	9
No vehicle available -----	681	19	667	1 141	436	15	54	1 107
No telephone in unit -----	374	12	367	701	233	—	42	665
1.01 or more persons per room -----	145	—	145	124	135	—	—	124
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars) -----	26 637	20 707	26 654	30 410	14 613	16 797	26 101	30 467
Owner occupied (dollars) -----	30 783	21 875	30 824	37 115	31 049	55 378	37 083	37 113
Renter occupied (dollars) -----	17 880	17 361	17 892	18 098	9 581	13 500	16 289	18 153
Specified owner-occupied housing units -----	18 237	232	18 092	31 938	703	99	442	31 690
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage -----	11 037	151	10 959	21 660	548	93	347	21 468
Less than \$200 -----	43	—	43	101	9	—	—	101
\$200 to \$299 -----	622	12	615	703	18	—	—	703
\$300 to \$399 -----	1 529	14	1 515	2 310	83	6	30	2 301
\$400 to \$499 -----	2 077	53	2 039	3 235	49	19	64	3 207
\$500 to \$599 -----	2 242	26	2 236	3 688	102	24	65	3 657
\$600 to \$699 -----	1 404	4	1 404	3 322	105	—	55	3 311
\$700 to \$799 -----	1 199	29	1 199	2 440	56	6	9	2 431
\$800 to \$899 -----	729	—	729	1 694	94	—	42	1 658
\$900 to \$999 -----	417	4	413	1 333	5	24	15	1 327
\$1,000 to \$1,249 -----	547	9	538	1 581	22	—	46	1 540
\$1,250 to \$1,499 -----	168	—	168	683	—	—	21	662
\$1,500 to \$1,999 -----	45	—	45	371	5	1	—	371
\$2,000 or more -----	15	—	15	199	—	13	—	199
Median (dollars) -----	553	495	554	623	627	582	630	622
Mean (dollars) -----	599	551	600	690	624	906	718	689
Not mortgaged -----	7 200	81	7 133	10 278	155	6	95	10 222
Less than \$100 -----	115	—	115	118	—	—	—	118
\$100 to \$199 -----	2 958	42	2 916	3 399	42	—	45	3 379
\$200 to \$299 -----	3 296	29	3 281	5 079	65	—	36	5 057
\$300 to \$399 -----	633	5	628	1 215	42	—	14	1 201
\$400 to \$499 -----	105	5	100	303	—	—	—	303
\$500 or more -----	93	—	93	164	6	6	—	164
Median (dollars) -----	213	198	213	225	239	500+	204	225
Mean (dollars) -----	222	217	222	236	252	593	219	236
Specified renter-occupied housing units -----	8 205	98	8 133	16 780	1 747	168	493	16 481
GROSS RENT								
Less than \$100 -----	151	—	151	117	6	—	—	117
\$100 to \$149 -----	488	11	477	438	122	15	22	422
\$150 to \$199 -----	398	8	390	737	129	3	8	729
\$200 to \$249 -----	496	—	496	1 374	166	28	74	1 317
\$250 to \$299 -----	798	11	798	2 024	206	8	66	1 997
\$300 to \$349 -----	1 148	18	1 141	2 794	280	38	106	2 729
\$350 to \$399 -----	1 176	27	1 149	2 748	248	34	64	2 709
\$400 to \$449 -----	1 027	2	1 025	2 202	215	14	73	2 153
\$450 to \$499 -----	943	6	937	1 499	209	2	46	1 478
\$500 to \$549 -----	623	11	612	876	60	—	7	876
\$550 to \$599 -----	300	—	300	489	35	5	9	484
\$600 to \$649 -----	167	—	167	370	26	5	—	370
\$650 to \$699 -----	70	—	70	204	14	—	6	204
\$700 to \$749 -----	21	—	21	149	6	6	—	149
\$750 to \$999 -----	42	—	42	303	—	—	12	291
\$1,000 or more -----	14	—	14	92	8	—	—	92
No cash rent -----	343	4	343	364	17	10	—	364
Median (dollars) -----	372	324	372	363	342	324	340	364
Mean (dollars) -----	367	335	367	379	345	337	353	380

DETAILED HOUSING CHARACTERISTICS

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Table 71. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Story County			Tama County	Webster County
	White	Black	Asian or Pacific Islander	White	White
Occupied housing units -----	24 374	370	1 097	6 551	15 612
HOUSEHOLDER 65 YEARS AND OVER					
Occupied housing units -----	4 613	23	—	2 184	4 745
Owner occupied -----	3 431	16	—	1 872	3 639
1-person households -----	2 152	15	—	954	2 238
Built 1939 or earlier -----	1 253	8	—	1 062	1 650
Mean household income in 1989 (dollars) -----	26 673	10 145	—	19 864	21 490
Female householder, no husband present -----	1 944	7	—	865	2 033
Lacking complete plumbing facilities -----	22	—	—	55	23
No vehicle available -----	662	—	—	294	722
No telephone in unit -----	12	—	—	24	72
1-person households -----	8	—	—	19	44
HOUSEHOLDS BELOW POVERTY LEVEL					
Owner-occupied housing units -----	599	—	23	439	673
Married-couple families -----	201	—	8	150	211
With own children under 18 years -----	101	—	—	76	95
Families with female householder -----	65	—	—	35	99
With own children under 18 years -----	55	—	—	27	77
Householder worked in 1989 -----	357	—	15	195	264
With public assistance income -----	57	—	—	35	116
With Social Security income -----	173	—	—	212	298
Built 1939 or earlier -----	172	—	10	219	349
Lacking complete plumbing facilities -----	6	—	—	25	10
No vehicle available -----	71	—	—	69	136
No telephone in unit -----	30	—	—	20	21
1.01 or more persons per room -----	17	—	—	3	3
Renter-occupied housing units -----	3 102	162	425	263	1 217
Married-couple families -----	293	55	168	66	193
With own children under 18 years -----	175	47	93	34	143
Families with female householder -----	308	23	13	79	389
With own children under 18 years -----	304	23	8	58	378
Householder worked in 1989 -----	2 568	112	233	127	603
With public assistance income -----	336	9	15	99	463
With Social Security income -----	232	—	6	78	331
Built 1939 or earlier -----	468	28	56	102	543
Lacking complete plumbing facilities -----	5	5	4	4	14
No vehicle available -----	313	46	109	64	474
No telephone in unit -----	99	15	16	50	262
1.01 or more persons per room -----	75	25	94	1	13
MEDIAN HOUSEHOLD INCOME IN 1989					
Occupied housing units (dollars) -----	27 438	11 133	13 681	24 201	23 723
Owner occupied (dollars) -----	37 126	23 750	46 667	26 064	27 642
Renter occupied (dollars) -----	16 536	10 286	11 457	20 171	15 441
Specified owner-occupied housing units -----	11 151	35	155	3 359	8 686
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
With a mortgage -----	7 486	19	136	1 402	4 463
Less than \$200 -----	25	—	—	10	56
\$200 to \$299 -----	195	—	—	130	381
\$300 to \$399 -----	611	9	—	325	1 054
\$400 to \$499 -----	1 008	4	—	344	1 010
\$500 to \$599 -----	1 218	—	18	287	761
\$600 to \$699 -----	1 175	—	20	140	470
\$700 to \$799 -----	1 060	—	23	67	269
\$800 to \$899 -----	707	—	11	26	196
\$900 to \$999 -----	477	—	13	39	98
\$1,000 to \$1,249 -----	591	6	18	29	109
\$1,250 to \$1,499 -----	247	—	22	—	45
\$1,500 to \$1,999 -----	113	—	11	2	7
\$2,000 or more -----	59	—	—	3	7
Median (dollars) -----	660	406	850	467	473
Mean (dollars) -----	712	619	963	500	518
Not mortgaged -----	3 665	16	19	1 957	4 223
Less than \$100 -----	21	—	5	65	151
\$100 to \$199 -----	1 048	16	10	1 031	1 991
\$200 to \$299 -----	1 852	—	4	725	1 608
\$300 to \$399 -----	588	—	—	111	388
\$400 to \$499 -----	76	—	—	14	62
\$500 or more -----	80	—	—	11	23
Median (dollars) -----	239	150	172	192	199
Mean (dollars) -----	249	158	179	201	208
Specified renter-occupied housing units -----	9 795	323	903	1 149	4 491
GROSS RENT					
Less than \$100 -----	58	—	7	12	140
\$100 to \$149 -----	240	4	36	47	388
\$150 to \$199 -----	348	8	144	80	464
\$200 to \$249 -----	434	23	38	148	599
\$250 to \$299 -----	1 041	79	193	174	565
\$300 to \$349 -----	1 144	25	133	205	665
\$350 to \$399 -----	1 473	72	130	170	525
\$400 to \$449 -----	1 274	25	49	75	477
\$450 to \$499 -----	1 339	25	84	38	200
\$500 to \$549 -----	845	20	32	14	60
\$550 to \$599 -----	487	23	23	4	41
\$600 to \$649 -----	240	5	29	—	49
\$650 to \$699 -----	227	5	—	—	34
\$700 to \$749 -----	143	—	—	—	9
\$750 to \$999 -----	183	7	—	—	22
\$1,000 or more -----	81	—	3	—	3
No cash rent -----	238	2	—	169	250
Median (dollars) -----	402	366	310	307	296
Mean (dollars) -----	413	380	328	307	299

Table 71. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Woodbury County						
	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	
Occupied housing units -----	35 330	565	392	324	557	35 113	
HOUSEHOLDER 65 YEARS AND OVER							
Occupied housing units -----	9 445	114	29	16	25	9 430	
Owner occupied -----	7 621	86	—	6	21	7 606	
1-person households -----	4 473	50	2	—	7	4 466	
Built 1939 or earlier -----	4 432	81	11	—	21	4 417	
Mean household income in 1989 (dollars) -----	20 611	17 588	9 070	48 058	15 085	20 628	
Female householder, no husband present -----	4 205	56	8	10	7	4 198	
Lacking complete plumbing facilities -----	56	—	—	—	—	56	
No vehicle available -----	1 841	34	19	10	7	1 834	
No telephone in unit -----	197	—	2	—	—	197	
1-person households -----	150	—	2	—	—	150	
HOUSEHOLDS BELOW POVERTY LEVEL							
Owner-occupied housing units -----	1 705	14	13	22	23	1 690	
Married-couple families -----	519	—	—	9	8	511	
With own children under 18 years -----	250	—	—	—	8	242	
Families with female householder -----	293	—	13	4	8	293	
With own children under 18 years -----	176	—	8	—	8	176	
Householder worked in 1989 -----	752	—	8	9	16	744	
With public assistance income -----	216	—	8	9	12	212	
With Social Security income -----	816	14	—	—	7	809	
Built 1939 or earlier -----	874	9	13	13	15	867	
Lacking complete plumbing facilities -----	65	—	—	—	—	65	
No vehicle available -----	351	—	—	—	7	344	
No telephone in unit -----	90	—	—	—	—	90	
1.01 or more persons per room -----	26	—	—	9	—	26	
Renter-occupied housing units -----	2 641	195	172	91	154	2 569	
Married-couple families -----	276	41	39	25	25	256	
With own children under 18 years -----	223	41	28	25	25	203	
Families with female householder -----	1 003	101	95	35	71	970	
With own children under 18 years -----	940	86	84	35	71	907	
Householder worked in 1989 -----	1 323	72	92	34	107	1 285	
With public assistance income -----	1 118	150	117	51	47	1 092	
With Social Security income -----	639	31	15	—	8	631	
Built 1939 or earlier -----	1 151	109	62	52	85	1 102	
Lacking complete plumbing facilities -----	34	—	—	—	—	34	
No vehicle available -----	984	98	80	43	10	979	
No telephone in unit -----	611	70	110	18	72	585	
1.01 or more persons per room -----	118	16	84	18	31	107	
MEDIAN HOUSEHOLD INCOME IN 1989							
Occupied housing units (dollars) -----	25 007	12 168	13 333	22 143	16 012	25 078	
Owner occupied (dollars) -----	29 748	22 228	23 828	34 375	29 750	29 726	
Renter occupied (dollars) -----	16 038	10 507	9 529	20 132	11 531	16 174	
Specified owner-occupied housing units -----	20 747	162	89	74	153	20 666	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
With a mortgage -----	11 647	75	82	53	122	11 584	
Less than \$200 -----	70	—	—	—	3	67	
\$200 to \$299 -----	661	9	—	—	10	651	
\$300 to \$399 -----	1 905	23	22	3	26	1 896	
\$400 to \$499 -----	2 216	7	17	17	22	2 211	
\$500 to \$599 -----	2 375	16	24	13	43	2 357	
\$600 to \$699 -----	1 409	5	10	—	—	1 409	
\$700 to \$799 -----	1 159	11	—	6	18	1 141	
\$800 to \$899 -----	693	—	9	8	—	693	
\$900 to \$999 -----	389	—	—	6	—	389	
\$1,000 to \$1,249 -----	464	—	—	—	—	464	
\$1,250 to \$1,499 -----	108	—	—	—	—	108	
\$1,500 to \$1,999 -----	136	4	—	—	—	136	
\$2,000 or more -----	62	—	—	—	—	62	
Median (dollars) -----	538	439	554	525	500	538	
Mean (dollars) -----	595	548	520	617	485	595	
Not mortgaged -----	9 100	87	7	21	31	9 082	
Less than \$100 -----	255	12	—	—	—	255	
\$100 to \$199 -----	4 368	25	7	—	—	4 356	
\$200 to \$299 -----	3 389	14	—	17	6	3 383	
\$300 to \$399 -----	739	30	—	4	—	739	
\$400 to \$499 -----	219	—	—	—	—	219	
\$500 or more -----	130	6	—	—	—	130	
Median (dollars) -----	199	236	125	254	177	199	
Mean (dollars) -----	214	239	118	268	174	214	
Specified renter-occupied housing units -----	9 990	384	297	200	391	9 861	
GROSS RENT							
Less than \$100 -----	152	3	—	—	—	152	
\$100 to \$149 -----	526	5	9	2	2	526	
\$150 to \$199 -----	706	38	44	16	44	685	
\$200 to \$249 -----	1 296	54	43	40	87	1 275	
\$250 to \$299 -----	1 349	70	60	48	114	1 332	
\$300 to \$349 -----	1 248	49	36	38	45	1 229	
\$350 to \$399 -----	1 201	55	17	20	46	1 175	
\$400 to \$449 -----	1 019	35	40	12	9	1 014	
\$450 to \$499 -----	783	30	24	7	18	775	
\$500 to \$549 -----	590	28	—	—	21	583	
\$550 to \$599 -----	324	—	7	—	5	319	
\$600 to \$649 -----	197	11	—	5	—	197	
\$650 to \$699 -----	79	—	7	—	—	79	
\$700 to \$749 -----	17	—	—	—	—	17	
\$750 to \$999 -----	85	—	—	—	—	85	
\$1,000 or more -----	8	—	—	—	—	8	
No cash rent -----	410	6	10	12	—	410	
Median (dollars) -----	328	317	292	292	273	328	
Mean (dollars) -----	343	333	314	303	297	343	

DETAILED HOUSING CHARACTERISTICS

Table 72. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Black Hawk County			Clinton County	Des Moines County		Johnson County		
	White	Black	Asian or Pacific Islander	White	White	Black	White	Black	Asian or Pacific Islander
Specified owner-occupied housing units.....	26 046	1 249	130	11 168	9 606	160	13 439	65	150
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	26 046	1 249	130	11 168	9 606	160	13 439	65	150
Less than 10 percent	6 424	228	21	2 772	2 830	31	2 700	6	15
10 to 14 percent	6 723	217	21	2 880	2 263	76	2 601	13	50
15 to 19 percent	5 194	160	26	2 324	1 740	27	2 796	11	21
20 to 24 percent	3 218	151	44	1 074	1 041	19	2 356	13	29
25 to 29 percent	1 524	99	—	681	705	—	1 227	—	20
30 to 34 percent	869	87	4	404	221	—	635	7	7
35 to 49 percent	1 028	115	7	457	336	2	718	15	3
50 percent or more	930	155	7	516	431	—	339	—	5
Not computed	136	37	—	60	39	5	67	—	—
Median	14.9	20.0	19.4	14.8	14.3	13.1	17.5	21.0	17.4
Less than \$20,000	6 673	591	23	3 446	2 669	14	1 655	—	10
Less than 20 percent	2 539	79	—	1 417	1 067	—	413	—	5
20 to 24 percent	952	88	16	351	362	9	220	—	—
25 to 29 percent	734	68	—	422	347	—	181	—	—
30 to 34 percent	570	60	—	323	170	—	137	—	—
35 percent or more	1 742	259	7	873	684	—	642	—	5
Not computed	136	37	—	60	39	5	62	—	—
Median	23.8	33.5	23.6	23.9	23.4	22.5	29.5	—	32.5
\$20,000 to \$34,999	6 897	271	27	2 970	2 853	27	2 718	14	28
Less than 20 percent	4 858	166	14	2 269	2 061	25	1 169	—	—
20 to 24 percent	1 120	44	—	358	402	—	515	—	9
25 to 29 percent	527	23	—	192	276	—	458	—	9
30 to 34 percent	217	27	—	58	39	—	250	7	7
35 percent or more	175	11	7	93	75	2	321	7	3
Not computed	—	—	—	—	—	—	5	—	—
Median	14.9	16.4	19.6	14.2	14.3	11.2	21.8	37.5	27.8
\$35,000 to \$49,999	5 825	189	6	2 702	2 129	62	3 119	14	19
Less than 20 percent	4 804	170	—	2 334	1 867	52	1 788	—	6
20 to 24 percent	721	11	6	276	186	10	793	6	4
25 to 29 percent	201	8	—	62	62	—	345	—	9
30 to 34 percent	67	—	—	23	6	—	147	—	—
35 percent or more	32	—	—	7	8	—	46	8	—
Not computed	—	—	—	—	—	—	—	—	—
Median	14.0	11.1	22.5	13.0	11.6	14.5	18.4	41.3	24.4
\$50,000 or more	6 651	198	74	2 050	1 955	57	5 947	37	93
Less than 20 percent	6 140	190	54	1 956	1 838	57	4 727	30	75
20 to 24 percent	425	8	—	89	91	—	828	7	16
25 to 29 percent	62	—	—	5	20	—	243	—	2
30 to 34 percent	15	—	4	—	6	—	101	—	—
35 percent or more	9	—	—	—	—	—	48	—	—
Not computed	—	—	—	—	—	—	—	—	—
Median	11.2	10.0	15.7	10.8	10.0	12.8	14.2	14.8	14.0
Specified renter-occupied housing units.....	13 114	1 614	101	5 033	4 052	231	14 766	506	1 126
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	13 114	1 614	101	5 033	4 052	231	14 766	506	1 126
Less than 10 percent	668	31	17	279	257	5	394	14	33
10 to 14 percent	1 714	144	8	866	585	39	1 349	40	107
15 to 19 percent	1 986	217	9	816	710	18	2 378	72	108
20 to 24 percent	1 817	150	—	677	543	19	2 024	61	124
25 to 29 percent	1 410	134	4	536	493	22	1 602	57	115
30 to 34 percent	938	—	—	345	224	27	1 132	26	110
35 to 49 percent	1 745	217	27	507	465	25	1 712	88	136
50 percent or more	2 322	533	25	819	572	64	3 670	129	221
Not computed	514	91	11	188	203	12	505	19	172
Median	25.4	34.4	36.5	23.4	23.4	31.2	28.1	30.0	29.6
Less than \$10,000	4 519	944	44	1 650	1 312	121	4 072	187	431
Less than 20 percent	118	56	—	33	54	11	50	16	—
20 to 24 percent	287	41	—	91	94	6	113	—	18
25 to 29 percent	388	81	—	169	189	4	155	12	—
30 to 34 percent	284	48	—	132	71	14	76	—	—
35 percent or more	3 145	635	38	1 155	823	74	3 421	140	243
Not computed	297	83	7	70	81	12	257	19	170
Median	50.0+	50.0+	50.0+	50.0+	46.6	45.4	50.0+	50.0+	50.0+
\$10,000 to \$19,999	3 839	334	18	1 411	1 181	59	4 114	141	438
Less than 20 percent	579	61	—	324	285	6	317	—	48
20 to 24 percent	827	89	—	374	243	7	462	27	68
25 to 29 percent	833	22	4	295	261	18	795	37	96
30 to 34 percent	603	39	—	191	130	13	750	9	110
35 percent or more	898	115	14	171	210	15	1 690	68	114
Not computed	99	8	—	56	52	—	100	—	2
Median	27.8	28.0	36.8	24.7	25.7	29.6	32.9	33.6	30.3
\$20,000 to \$34,999	3 058	209	27	1 373	1 041	13	4 312	117	178
Less than 20 percent	2 098	148	22	1 036	719	7	1 800	64	128
20 to 24 percent	623	20	—	202	201	6	1 315	19	31
25 to 29 percent	179	31	—	72	38	—	570	8	19
30 to 34 percent	51	10	—	16	23	—	269	17	—
35 percent or more	20	—	—	—	—	—	254	9	—
Not computed	87	—	5	47	60	—	104	—	—
Median	17.5	18.2	13.8	16.0	17.4	19.6	21.2	19.4	17.0
\$35,000 or more	1 698	127	12	599	518	38	2 268	61	79
Less than 20 percent	1 573	127	12	568	494	38	1 954	46	72
20 to 24 percent	80	—	—	10	5	—	134	15	7
25 to 29 percent	10	—	—	—	5	—	82	—	—
30 to 34 percent	—	—	—	6	—	—	37	—	—
35 percent or more	4	—	—	—	4	—	17	—	—
Not computed	31	—	—	15	10	—	44	—	—
Median	11.8	12.1	10.0	11.9	11.3	12.1	14.5	14.3	11.5

Table 72. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—
Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Johnson County—Con.		Lee County		Linn County				
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units.....	70	13 395	8 103	133	37 895	312	137	214	37 758
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	70	13 395	8 103	133	37 895	312	137	214	37 758
Less than 10 percent	22	2 687	2 042	30	8 421	60	13	31	8 400
10 to 14 percent	3	2 601	1 889	21	8 633	62	35	48	8 600
15 to 19 percent	16	2 789	1 474	33	8 627	61	44	54	8 596
20 to 24 percent	25	2 336	1 016	18	5 427	30	16	—	5 427
25 to 29 percent	—	1 227	497	17	2 552	16	8	15	2 537
30 to 34 percent	4	631	375	—	1 387	10	—	4	1 383
35 to 49 percent	—	718	385	7	1 509	35	5	8	1 505
50 percent or more	—	339	365	7	1 181	38	8	48	1 152
Not computed	—	67	60	—	158	—	8	6	158
Median	18.1	17.5	15.3	17.3	16.1	17.8	16.9	17.3	16.0
Less than \$20,000	—	1 655	2 508	46	6 835	98	30	76	6 793
Less than 20 percent	—	413	868	8	2 496	7	9	11	2 490
20 to 24 percent	—	220	386	7	974	12	—	—	974
25 to 29 percent	—	181	275	17	693	13	—	7	686
30 to 34 percent	—	137	257	—	463	—	—	—	463
35 percent or more	—	642	662	14	2 072	66	13	52	2 043
Not computed	—	62	60	—	137	—	8	6	137
Median	—	29.5	24.6	27.4	24.4	38.9	37.0	50.0+	24.3
\$20,000 to \$34,999	15	2 712	2 359	55	9 286	98	15	68	9 228
Less than 20 percent	11	1 167	1 618	46	5 641	60	15	64	5 587
20 to 24 percent	—	515	389	9	1 577	18	—	—	1 577
25 to 29 percent	—	458	177	—	996	3	—	—	996
30 to 34 percent	4	246	96	—	604	10	—	4	600
35 percent or more	—	321	79	—	468	7	—	—	468
Not computed	—	5	—	—	—	—	—	—	—
Median	18.1	21.8	15.3	11.9	16.9	14.7	10.3	11.5	17.0
\$35,000 to \$49,999	8	3 114	1 847	18	9 975	56	44	18	9 961
Less than 20 percent	3	1 788	1 617	16	7 256	56	29	14	7 246
20 to 24 percent	5	788	177	2	1 797	—	7	—	1 797
25 to 29 percent	—	345	29	—	613	—	8	—	613
30 to 34 percent	—	147	15	—	198	—	—	—	198
35 percent or more	—	46	9	—	111	—	—	4	107
Not computed	—	—	—	—	—	—	—	—	—
Median	21.0	18.4	11.8	17.1	15.9	15.2	15.6	12.5	15.9
\$50,000 or more	47	5 914	1 389	14	11 799	60	48	52	11 776
Less than 20 percent	27	4 709	1 302	14	10 288	60	39	44	10 273
20 to 24 percent	20	813	64	—	1 079	—	9	—	1 079
25 to 29 percent	—	243	16	—	250	—	—	8	242
30 to 34 percent	—	101	7	—	122	—	—	—	122
35 percent or more	—	48	—	—	39	—	—	—	39
Not computed	—	—	—	—	21	—	—	—	21
Median	17.5	14.2	10.3	10.0	12.7	12.8	17.2	17.6	12.6
Specified renter-occupied housing units.....	315	14 572	3 407	181	17 879	633	168	195	17 735
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	315	14 572	3 407	181	17 879	633	168	195	17 735
Less than 10 percent	5	389	225	22	931	38	8	22	920
10 to 14 percent	13	1 336	471	24	2 940	61	59	26	2 919
15 to 19 percent	35	2 356	520	3	3 264	72	4	21	3 243
20 to 24 percent	13	2 018	292	21	2 453	63	—	13	2 440
25 to 29 percent	57	1 575	364	14	1 883	68	—	16	1 876
30 to 34 percent	40	1 114	196	29	1 336	41	3	10	1 326
35 to 49 percent	59	1 667	440	7	1 895	116	22	24	1 874
50 percent or more	92	3 613	623	61	2 494	165	31	63	2 454
Not computed	1	504	276	—	683	9	41	—	683
Median	34.2	28.0	25.8	31.1	23.0	31.2	14.7	29.8	23.0
Less than \$10,000	102	4 013	1 397	88	4 502	276	74	73	4 455
Less than 20 percent	—	50	63	6	106	—	—	7	99
20 to 24 percent	—	113	60	—	223	19	—	—	223
25 to 29 percent	—	155	167	7	383	—	—	—	383
30 to 34 percent	8	76	125	14	277	21	3	—	277
35 percent or more	93	3 363	867	61	3 165	227	44	66	3 125
Not computed	1	256	115	—	348	9	27	—	348
Median	50.0+	50.0+	45.4	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999	118	4 050	888	29	4 806	127	—	40	4 775
Less than 20 percent	4	317	263	—	562	7	—	—	562
20 to 24 percent	7	462	131	—	870	11	—	—	870
25 to 29 percent	34	783	179	7	1 166	43	—	9	1 166
30 to 34 percent	25	732	63	15	892	20	—	10	882
35 percent or more	48	1 656	190	7	1 189	46	—	21	1 168
Not computed	—	100	62	—	127	—	—	—	127
Median	32.8	32.8	25.5	32.5	28.9	30.6	—	35.7	28.8
\$20,000 to \$34,999	66	4 270	789	36	5 045	133	49	38	5 007
Less than 20 percent	20	1 789	583	15	3 199	75	33	18	3 181
20 to 24 percent	6	1 309	101	21	1 232	33	—	13	1 219
25 to 29 percent	23	555	18	—	320	17	—	7	313
30 to 34 percent	7	269	8	—	154	—	—	—	154
35 percent or more	10	244	6	—	35	8	—	—	35
Not computed	—	104	73	—	105	—	2	—	105
Median	26.5	21.1	15.8	20.7	18.2	19.1	13.0	20.4	18.2
\$35,000 or more	29	2 239	333	28	3 526	97	45	44	3 498
Less than 20 percent	29	1 925	307	28	3 268	89	38	44	3 240
20 to 24 percent	—	134	—	—	128	—	—	—	128
25 to 29 percent	—	82	—	—	14	8	—	—	14
30 to 34 percent	—	37	—	—	13	—	—	—	13
35 percent or more	—	17	—	—	—	—	7	—	—
Not computed	—	44	26	—	103	—	—	—	103
Median	15.5	14.5	10.0	10.0	12.8	12.2	12.4	12.9	12.8

Table 72. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Muscatine County			Polk County				
	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units.....	7 885	245	7 787	70 303	2 108	580	783	69 856
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	7 885	245	7 787	70 303	2 108	580	783	69 856
Less than 10 percent	1 942	69	1 929	11 992	396	82	71	11 960
10 to 14 percent	1 705	34	1 691	13 488	321	79	136	13 415
15 to 19 percent	1 690	54	1 664	15 401	331	164	212	15 303
20 to 24 percent	1 034	13	1 024	12 665	303	106	141	12 546
25 to 29 percent	549	3	549	6 838	125	62	55	6 791
30 to 34 percent	313	7	309	3 418	113	42	41	3 395
35 to 49 percent	348	11	337	3 621	238	22	79	3 591
50 percent or more	263	54	243	2 606	271	23	41	2 588
Not computed	41	—	41	274	10	—	7	267
Median	15.8	16.8	15.8	18.1	20.0	18.9	19.3	18.1
Less than \$20,000	1 824	79	1 782	13 066	789	68	193	12 952
Less than 20 percent	705	7	698	3 388	111	18	46	3 354
20 to 24 percent	260	—	260	2 126	98	—	36	2 098
25 to 29 percent	174	—	174	1 618	72	11	14	1 604
30 to 34 percent	155	7	151	1 215	72	5	5	1 215
35 percent or more	489	65	458	4 472	426	34	85	4 441
Not computed	41	—	41	247	10	—	7	240
Median	23.6	50.0+	23.3	27.8	39.7	37.5	28.9	27.8
\$20,000 to \$34,999	2 161	63	2 136	17 163	445	199	204	17 073
Less than 20 percent	1 346	57	1 321	8 453	219	91	92	8 434
20 to 24 percent	410	3	410	3 417	85	40	30	3 397
25 to 29 percent	202	3	202	2 492	40	27	22	2 470
30 to 34 percent	109	—	109	1 417	25	30	30	1 400
35 percent or more	94	—	94	1 384	76	11	30	1 372
Not computed	—	—	—	—	—	—	—	—
Median	16.0	15.6	16.0	20.2	20.2	21.1	21.7	20.2
\$35,000 to \$49,999	1 894	69	1 868	16 588	331	121	218	16 432
Less than 20 percent	1 443	64	1 422	10 068	221	60	155	9 963
20 to 24 percent	224	5	219	4 037	88	45	49	3 992
25 to 29 percent	163	—	163	1 690	13	16	8	1 690
30 to 34 percent	36	—	36	538	9	—	6	532
35 percent or more	28	—	28	248	—	—	—	248
Not computed	—	—	—	7	—	—	—	7
Median	15.6	11.0	15.7	17.9	17.7	20.1	17.1	17.9
\$50,000 or more	2 006	34	2 001	23 486	543	192	168	23 399
Less than 20 percent	1 843	29	1 843	18 972	497	156	126	18 927
20 to 24 percent	140	5	135	3 085	32	21	26	3 059
25 to 29 percent	10	—	10	1 038	—	8	11	1 027
30 to 34 percent	13	—	13	248	7	7	—	248
35 percent or more	—	—	—	123	7	—	5	118
Not computed	—	—	—	20	—	—	—	20
Median	11.6	10.0-	11.6	14.2	12.5	13.6	16.0	14.2
Specified renter-occupied housing units.....	3 496	366	3 345	40 260	3 040	800	703	39 810
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	3 496	366	3 345	40 260	3 040	800	703	39 810
Less than 10 percent	138	46	125	1 339	74	32	19	1 332
10 to 14 percent	588	42	568	4 693	305	123	93	4 635
15 to 19 percent	700	70	671	7 141	425	126	92	7 092
20 to 24 percent	575	33	557	6 565	398	105	112	6 495
25 to 29 percent	349	27	337	4 912	289	76	106	4 845
30 to 34 percent	206	24	182	3 329	392	47	78	3 286
35 to 49 percent	296	30	291	4 743	307	42	67	4 688
50 percent or more	447	75	424	6 279	732	161	118	6 196
Not computed	197	19	190	1 259	118	88	18	1 241
Median	21.9	22.3	21.9	24.8	29.5	23.6	26.3	24.8
Less than \$10,000	1 013	125	964	8 200	1 164	240	137	8 100
Less than 20 percent	84	6	78	141	41	18	—	141
20 to 24 percent	125	5	120	258	83	—	—	258
25 to 29 percent	119	8	111	686	72	—	21	671
30 to 34 percent	58	—	58	422	121	6	—	422
35 percent or more	550	93	527	6 182	737	156	108	6 105
Not computed	77	13	70	511	110	60	8	503
Median	41.3	50.0+	41.0	50.0+	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999	900	98	853	10 275	819	193	202	10 140
Less than 20 percent	182	37	172	568	165	35	19	561
20 to 24 percent	212	22	199	1 204	113	31	5	1 199
25 to 29 percent	163	12	159	1 845	67	39	27	1 830
30 to 34 percent	134	15	119	2 091	172	35	70	2 048
35 percent or more	167	12	162	4 316	302	39	77	4 255
Not computed	42	—	42	251	—	14	—	247
Median	26.1	22.7	26.1	33.3	31.9	28.0	33.4	33.3
\$20,000 to \$34,999	1 008	93	980	12 989	767	240	210	12 868
Less than 20 percent	652	65	633	4 845	358	109	60	4 809
20 to 24 percent	211	6	211	4 364	192	74	78	4 322
25 to 29 percent	58	7	58	2 190	131	37	58	2 153
30 to 34 percent	14	9	5	756	86	6	8	756
35 percent or more	26	—	26	495	—	—	—	495
Not computed	47	6	47	339	—	14	—	333
Median	17.9	16.3	17.9	21.7	20.7	20.3	22.7	21.7
\$35,000 or more	575	50	548	8 796	290	127	154	8 702
Less than 20 percent	508	50	481	7 619	240	119	125	7 548
20 to 24 percent	27	—	27	739	10	—	29	716
25 to 29 percent	9	—	9	191	19	—	—	191
30 to 34 percent	—	—	—	60	13	—	—	60
35 percent or more	—	—	—	29	—	8	—	29
Not computed	31	—	31	158	8	—	—	158
Median	12.9	10.0-	13.0	14.5	13.9	12.7	14.7	14.5

Table 72. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Pottawattamie County			Scott County				
	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units.....	18 237	232	18 092	31 938	703	99	442	31 690
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	18 237	232	18 092	31 938	703	99	442	31 690
Less than 10 percent	3 362	32	3 330	6 611	57	12	60	6 579
10 to 14 percent	4 092	43	4 067	7 085	189	14	82	7 029
15 to 19 percent	3 750	22	3 728	6 733	105	34	111	6 682
20 to 24 percent	2 635	14	2 629	4 682	138	6	56	4 644
25 to 29 percent	1 718	49	1 682	2 468	60	1	36	2 448
30 to 34 percent	843	10	833	1 402	38	—	21	1 392
35 to 49 percent	1 015	23	1 011	1 535	47	—	32	1 516
50 percent or more	765	39	755	1 283	69	32	37	1 261
Not computed	57	—	57	139	—	—	7	139
Median	17.2	25.5	17.2	16.6	20.0	18.5	18.4	16.6
Less than \$20,000	4 894	104	4 839	6 439	214	32	73	6 412
Less than 20 percent	1 618	9	1 614	1 816	28	—	8	1 810
20 to 24 percent	655	—	655	888	33	—	—	888
25 to 29 percent	673	36	637	845	25	—	2	845
30 to 34 percent	461	5	456	554	28	—	7	554
35 percent or more	1 430	54	1 420	2 197	100	32	49	2 176
Not computed	57	—	57	139	—	—	7	139
Median	26.1	36.4	26.0	27.6	33.8	50.0+	46.0	27.6
\$20,000 to \$34,999	5 742	67	5 698	7 545	188	—	119	7 467
Less than 20 percent	3 402	44	3 364	4 212	102	—	52	4 183
20 to 24 percent	1 080	6	1 074	1 406	25	—	31	1 381
25 to 29 percent	697	13	697	964	35	—	19	953
30 to 34 percent	259	—	259	515	10	—	4	515
35 percent or more	304	4	304	448	16	—	13	435
Not computed	—	—	—	—	—	—	—	—
Median	17.1	16.3	17.2	18.1	18.6	—	21.2	18.1
\$35,000 to \$49,999	4 043	44	4 014	7 577	114	10	124	7 521
Less than 20 percent	2 979	27	2 959	5 496	57	10	79	5 472
20 to 24 percent	666	8	666	1 308	57	—	20	1 295
25 to 29 percent	279	—	279	415	—	—	8	413
30 to 34 percent	79	5	74	217	—	—	10	207
35 percent or more	40	4	36	141	—	—	7	134
Not computed	—	—	—	—	—	—	—	—
Median	15.4	13.1	15.4	16.1	20.0	17.5	17.9	16.1
\$50,000 or more	3 558	17	3 541	10 377	187	57	126	10 290
Less than 20 percent	3 205	17	3 188	8 905	164	50	114	8 825
20 to 24 percent	234	—	234	1 080	23	6	5	1 080
25 to 29 percent	69	—	69	244	—	1	7	237
30 to 34 percent	44	—	44	116	—	—	—	116
35 percent or more	6	—	6	32	—	—	—	32
Not computed	—	—	—	—	—	—	—	—
Median	12.4	10.0	12.4	12.9	13.6	15.5	14.2	12.9
Specified renter-occupied housing units.....	8 205	98	8 133	16 780	1 747	168	493	16 481
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	8 205	98	8 133	16 780	1 747	168	493	16 481
Less than 10 percent	1 221	—	1 221	2 794	18	10	34	2 787
10 to 14 percent	1 004	7	1 002	2 596	184	38	86	2 529
15 to 19 percent	1 467	24	1 449	2 889	209	3	60	2 858
20 to 24 percent	1 289	33	1 267	2 077	167	—	36	2 069
25 to 29 percent	1 009	6	1 003	1 875	204	30	48	1 836
30 to 34 percent	724	—	724	1 156	146	—	52	1 125
35 to 49 percent	900	7	893	1 942	182	24	59	1 914
50 percent or more	1 198	17	1 181	2 818	574	33	98	2 745
Not computed	393	4	393	633	63	28	20	618
Median	24.7	22.4	24.7	24.3	32.1	27.8	27.1	24.2
Less than \$10,000	2 418	25	2 393	4 638	900	65	181	4 519
Less than 20 percent	107	—	107	39	22	—	—	39
20 to 24 percent	194	8	186	146	48	—	146	146
25 to 29 percent	227	—	227	334	90	10	15	319
30 to 34 percent	206	—	206	256	34	—	24	240
35 percent or more	1 535	17	1 518	3 437	660	37	122	3 364
Not computed	149	—	149	426	46	18	20	411
Median	50.0	50.0+	49.8	50.0+	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999	2 317	25	2 303	4 569	437	41	122	4 493
Less than 20 percent	305	—	305	569	88	3	21	548
20 to 24 percent	390	18	383	774	61	—	21	774
25 to 29 percent	512	—	512	1 131	86	8	33	1 107
30 to 34 percent	456	—	456	776	106	—	24	761
35 percent or more	543	7	536	1 228	96	20	23	1 212
Not computed	111	—	111	91	—	10	—	91
Median	29.0	23.5	29.0	29.0	29.0	38.2	27.9	29.0
\$20,000 to \$34,999	2 392	35	2 372	4 583	271	46	115	4 508
Less than 20 percent	1 304	18	1 297	2 927	169	32	84	2 872
20 to 24 percent	641	7	634	994	58	2	15	986
25 to 29 percent	268	6	262	394	28	12	—	394
30 to 34 percent	62	—	62	104	6	—	4	104
35 percent or more	20	—	20	95	—	—	12	83
Not computed	97	4	97	69	10	—	69	69
Median	19.1	19.0	19.1	18.2	18.1	13.2	16.5	18.2
\$35,000 or more	1 078	13	1 065	2 990	139	16	75	2 961
Less than 20 percent	976	13	963	2 744	132	16	75	2 715
20 to 24 percent	64	—	64	163	—	—	—	163
25 to 29 percent	2	—	2	16	—	—	—	16
30 to 34 percent	—	—	—	20	—	—	—	20
35 percent or more	—	—	—	—	—	—	—	—
Not computed	36	—	36	47	7	—	—	47
Median	13.6	17.0	13.6	12.7	13.3	11.9	10.7	12.7

Table 72. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—
Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Story County			Tama County	Webster County
	White	Black	Asian or Pacific Islander	White	White
Specified owner-occupied housing units.....	11 151	35	155	3 359	8 686
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
All income levels	11 151	35	155	3 359	8 686
Less than 10 percent	2 391	4	16	821	2 069
10 to 14 percent	2 506	8	40	823	2 105
15 to 19 percent	2 164	17	29	602	1 750
20 to 24 percent	1 702	6	12	405	1 173
25 to 29 percent	1 057	—	2	255	635
30 to 34 percent	453	—	28	149	266
35 to 49 percent	523	—	28	160	387
50 percent or more	323	—	—	125	268
Not computed	32	—	—	19	33
Median	16.5	16.6	18.7	15.2	15.4
Less than \$20,000	1 793	16	17	1 250	2 752
Less than 20 percent	515	16	—	474	1 200
20 to 24 percent	236	—	—	204	460
25 to 29 percent	214	—	—	165	302
30 to 34 percent	194	—	—	123	166
35 percent or more	602	—	17	265	591
Not computed	32	—	—	19	33
Median	28.0	15.0	39.2	23.5	21.7
\$20,000 to \$34,999	2 811	9	10	1 102	2 799
Less than 20 percent	1 497	9	—	841	1 972
20 to 24 percent	503	—	—	157	464
25 to 29 percent	473	—	2	67	227
30 to 34 percent	170	—	8	17	79
35 percent or more	168	—	—	20	57
Not computed	—	—	—	—	—
Median	18.9	17.5	31.9	13.7	15.1
\$35,000 to \$49,999	2 721	—	37	589	1 890
Less than 20 percent	1 754	—	22	532	1 578
20 to 24 percent	595	—	9	30	210
25 to 29 percent	250	—	—	18	74
30 to 34 percent	63	—	6	9	21
35 percent or more	59	—	—	—	7
Not computed	—	—	—	—	—
Median	17.0	—	18.7	11.9	12.6
\$50,000 or more	3 826	10	91	418	1 245
Less than 20 percent	3 295	4	63	399	1 174
20 to 24 percent	368	6	3	14	39
25 to 29 percent	120	—	—	5	32
30 to 34 percent	26	—	14	—	—
35 percent or more	17	—	11	—	—
Not computed	—	—	—	—	—
Median	12.7	20.8	14.8	10.0-	10.0-
Specified renter-occupied housing units.....	9 795	323	903	1 149	4 491
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
All income levels	9 795	323	903	1 149	4 491
Less than 10 percent	2 241	10	43	66	237
10 to 14 percent	1 051	15	85	194	637
15 to 19 percent	1 408	61	105	158	691
20 to 24 percent	1 320	13	115	156	666
25 to 29 percent	1 154	25	90	99	544
30 to 34 percent	736	11	50	45	305
35 to 49 percent	1 299	26	107	97	521
50 percent or more	2 293	123	172	152	613
Not computed	293	39	136	182	277
Median	28.2	40.0	27.0	22.1	24.1
Less than \$10,000	2 912	156	378	344	1 574
Less than 20 percent	57	—	—	12	117
20 to 24 percent	78	4	15	15	86
25 to 29 percent	207	—	7	45	243
30 to 34 percent	157	—	13	26	151
35 percent or more	2 294	115	209	189	916
Not computed	119	37	134	57	61
Median	50.0+	50.0+	50.0+	46.4	41.5
\$10,000 to \$19,999	2 995	96	257	315	1 363
Less than 20 percent	195	26	50	68	350
20 to 24 percent	514	—	47	95	338
25 to 29 percent	557	25	70	37	236
30 to 34 percent	457	11	21	17	147
35 percent or more	1 214	34	67	56	211
Not computed	58	—	2	42	81
Median	32.2	29.4	27.2	23.6	24.3
\$20,000 to \$34,999	2 463	41	206	362	1 156
Less than 20 percent	1 194	32	121	238	773
20 to 24 percent	637	9	53	46	219
25 to 29 percent	380	—	13	17	65
30 to 34 percent	115	—	16	2	7
35 percent or more	84	—	3	—	—
Not computed	53	—	—	55	85
Median	20.1	17.6	18.6	15.5	16.9
\$35,000 or more	1 425	30	62	128	398
Less than 20 percent	1 254	28	62	100	325
20 to 24 percent	91	—	—	—	23
25 to 29 percent	10	—	—	—	—
30 to 34 percent	7	—	—	—	—
35 percent or more	—	—	—	—	—
Not computed	63	2	—	28	50
Median	14.0	12.9	10.8	10.0	11.6

Table 72. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—
Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Woodbury County					
	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units.....	20 747	162	89	74	153	20 666
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
All income levels	20 747	162	89	74	153	20 666
Less than 10 percent	4 377	30	7	21	24	4 366
10 to 14 percent	4 812	19	5	17	38	4 774
15 to 19 percent	4 435	40	15	11	16	4 435
20 to 24 percent	2 707	22	21	6	33	2 695
25 to 29 percent	1 701	27	10	6	15	1 696
30 to 34 percent	879	10	—	4	4	875
35 to 49 percent	955	9	26	—	15	952
50 percent or more	814	5	—	—	8	806
Not computed	67	—	5	9	—	67
Median	16.3	19.0	23.6	13.4	19.5	16.3
Less than \$20,000	6 293	60	31	13	53	6 265
Less than 20 percent	2 442	32	—	—	8	2 434
20 to 24 percent	930	—	9	—	9	930
25 to 29 percent	801	14	—	—	9	796
30 to 34 percent	526	—	—	4	4	522
35 percent or more	1 527	14	17	—	23	1 516
Not computed	67	—	5	9	—	67
Median	23.6	19.7	36.2	32.5	30.6	23.6
\$20,000 to \$34,999	5 971	46	43	16	48	5 954
Less than 20 percent	3 959	7	12	4	23	3 949
20 to 24 percent	915	16	12	6	19	908
25 to 29 percent	607	13	10	6	6	607
30 to 34 percent	285	10	—	—	—	285
35 percent or more	205	—	9	—	—	205
Not computed	—	—	—	—	—	—
Median	15.9	25.0	24.0	23.3	20.3	15.9
\$35,000 to \$49,999	4 475	39	15	17	41	4 450
Less than 20 percent	3 552	33	15	17	36	3 532
20 to 24 percent	628	6	—	—	5	623
25 to 29 percent	218	—	—	—	—	218
30 to 34 percent	58	—	—	—	—	58
35 percent or more	19	—	—	—	—	19
Not computed	—	—	—	—	—	—
Median	14.7	10.0	17.5	12.5	12.9	14.7
\$50,000 or more	4 008	17	—	28	11	3 997
Less than 20 percent	3 671	17	—	28	11	3 660
20 to 24 percent	234	—	—	—	—	234
25 to 29 percent	75	—	—	—	—	75
30 to 34 percent	10	—	—	—	—	10
35 percent or more	18	—	—	—	—	18
Not computed	—	—	—	—	—	—
Median	11.1	11.5	—	10.0	10.0	11.2
Specified renter-occupied housing units.....	9 990	384	297	200	391	9 861
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
All income levels	9 990	384	297	200	391	9 861
Less than 10 percent	400	—	7	36	38	400
10 to 14 percent	1 324	37	—	23	34	1 319
15 to 19 percent	1 688	45	44	13	66	1 676
20 to 24 percent	1 396	27	36	33	24	1 396
25 to 29 percent	1 274	41	31	—	40	1 267
30 to 34 percent	910	16	48	6	17	893
35 to 49 percent	975	60	31	10	50	951
50 percent or more	1 536	146	90	53	115	1 472
Not computed	487	12	10	22	7	487
Median	24.8	37.6	32.7	22.3	28.8	24.6
Less than \$10,000	3 094	177	153	79	171	3 008
Less than 20 percent	115	—	—	2	2	115
20 to 24 percent	189	—	4	—	—	189
25 to 29 percent	360	5	11	—	11	353
30 to 34 percent	298	—	19	—	6	292
35 percent or more	1 926	166	109	63	145	1 853
Not computed	206	6	10	14	7	206
Median	49.5	50.0+	50.0+	50.0+	50.0+	48.8
\$10,000 to \$19,999	3 109	122	98	19	119	3 077
Less than 20 percent	542	16	13	—	53	536
20 to 24 percent	651	14	24	13	6	651
25 to 29 percent	676	36	20	—	29	676
30 to 34 percent	554	16	29	6	11	543
35 percent or more	563	40	12	—	20	548
Not computed	123	—	—	—	—	123
Median	27.2	29.3	28.0	23.7	25.1	27.1
\$20,000 to \$34,999	2 477	78	39	61	70	2 471
Less than 20 percent	1 567	59	31	29	52	1 561
20 to 24 percent	511	13	8	20	18	511
25 to 29 percent	223	—	—	—	—	223
30 to 34 percent	58	—	—	—	—	58
35 percent or more	22	—	—	—	—	22
Not computed	96	6	—	12	—	96
Median	18.0	16.9	18.1	18.0	15.7	18.0
\$35,000 or more	1 310	7	7	41	31	1 305
Less than 20 percent	1 188	7	7	41	31	1 183
20 to 24 percent	45	—	—	—	—	45
25 to 29 percent	15	—	—	—	—	15
30 to 34 percent	—	—	—	—	—	—
35 percent or more	—	—	—	—	—	—
Not computed	62	—	—	—	—	62
Median	12.9	12.5	10.0	10.0	10.0	12.9

Table 73. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Johnson County		Linn County	Polk County		Scott County	Story County	Woodbury County	
	All Asian	Chinese	All Asian	All Asian	Laotian	All Asian	All Asian	American Indian	All Asian
Occupied housing units -----	1 309	554	326	1 471	349	267	1 097	392	324
TENURE									
Owner-occupied housing units -----	178	82	158	692	152	99	188	95	124
Renter-occupied housing units -----	1 131	472	168	779	197	168	909	297	200
YEAR STRUCTURE BUILT									
Owner-occupied housing units -----	178	82	158	692	152	99	188	95	124
1989 to March 1990 -----	—	—	—	18	—	—	14	—	—
1985 to 1988 -----	10	1	9	87	—	7	17	6	9
1980 to 1984 -----	26	17	16	62	37	—	—	6	6
1970 to 1979 -----	104	50	51	187	34	38	63	9	41
1960 to 1969 -----	29	8	13	102	19	22	29	10	17
1950 to 1959 -----	—	—	35	51	—	—	35	4	9
1940 to 1949 -----	—	—	—	45	28	6	9	15	11
1939 or earlier -----	9	6	34	140	34	26	21	51	31
Renter-occupied housing units -----	1 131	472	168	779	197	168	909	297	200
1989 to March 1990 -----	12	12	3	5	—	—	13	—	—
1985 to 1988 -----	49	12	—	63	27	—	42	5	—
1980 to 1984 -----	139	69	8	60	7	29	76	—	8
1970 to 1979 -----	320	128	38	141	40	71	198	72	13
1960 to 1969 -----	271	80	54	135	55	27	200	38	17
1950 to 1959 -----	108	52	38	77	11	7	75	35	23
1940 to 1949 -----	56	32	—	34	7	—	210	27	43
1939 or earlier -----	176	87	27	264	50	34	95	120	96
BEDROOMS									
Owner-occupied housing units -----	178	82	158	692	152	99	188	95	124
None -----	—	—	—	—	—	—	—	—	—
1 -----	12	9	—	128	25	6	5	7	6
2 -----	48	17	66	125	22	7	59	14	35
3 -----	79	45	40	238	38	38	55	37	47
4 -----	27	9	52	164	57	41	56	28	36
5 or more -----	12	2	—	37	10	7	13	9	—
Renter-occupied housing units -----	1 131	472	168	779	197	168	909	297	200
None -----	—	—	—	—	—	—	—	—	—
1 -----	239	124	20	95	—	—	108	20	—
2 -----	476	184	71	251	52	52	361	86	61
3 -----	357	130	69	309	103	79	370	117	88
4 -----	25	18	8	109	37	22	40	44	51
5 or more -----	6	—	—	15	5	15	12	23	—
28 -----	—	16	—	—	—	—	18	7	—
SOURCE OF WATER									
Public system or private company -----	1 302	547	319	1 451	349	267	1 082	392	324
Individual drilled well -----	7	7	7	14	—	—	15	—	—
Individual dug well -----	—	—	—	6	—	—	—	—	—
Some other source -----	—	—	—	—	—	—	—	—	—
SEWAGE DISPOSAL									
Public sewer -----	1 302	547	319	1 413	344	267	1 071	376	307
Septic tank or cesspool -----	7	7	7	53	—	—	15	9	—
Other means -----	—	—	—	5	5	—	11	7	17
KITCHEN FACILITIES									
Complete kitchen facilities -----	1 273	524	318	1 458	349	267	1 064	379	324
Lacking complete kitchen facilities -----	36	30	8	13	—	—	33	13	—
HOUSE HEATING FUEL									
Utility gas -----	967	426	263	1 054	221	231	935	321	245
Bottled, tank, or LP gas -----	55	18	—	27	—	—	14	5	—
Electricity -----	261	103	59	363	120	36	141	40	58
Fuel oil, kerosene, etc. -----	14	7	—	—	—	—	—	—	—
Coal or coke -----	—	—	—	—	—	—	—	—	16
Wood -----	—	—	—	—	—	—	—	—	—
Solar energy -----	—	—	—	—	—	—	—	—	—
Other fuel -----	6	—	—	—	—	—	—	18	—
No fuel used -----	6	—	4	27	8	—	7	—	—
VEHICLES AVAILABLE									
None -----	178	82	18	141	42	22	174	122	55
1 -----	840	352	77	361	63	126	617	203	157
2 -----	227	82	205	564	121	52	214	49	63
3 -----	53	38	18	238	45	32	76	18	25
4 -----	11	—	—	134	65	25	6	—	24
5 or more -----	—	—	8	33	13	10	10	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units -----	178	82	158	692	152	99	188	95	124
1989 to March 1990 -----	34	22	28	122	34	11	23	34	34
1985 to 1988 -----	82	32	39	274	50	45	75	13	54
1980 to 1984 -----	33	22	14	113	37	7	20	19	19
1970 to 1979 -----	29	6	72	162	31	36	66	23	6
1960 to 1969 -----	—	—	5	13	—	—	4	5	7
1959 or earlier -----	—	—	—	8	—	—	—	12	4
Renter-occupied housing units -----	1 131	472	168	779	197	168	909	297	200
1989 to March 1990 -----	758	322	83	404	92	86	551	204	95
1985 to 1988 -----	359	144	45	316	99	44	339	90	86
1980 to 1984 -----	14	6	18	53	—	31	19	—	19
1970 to 1979 -----	—	—	22	6	6	7	—	3	—
1960 to 1969 -----	—	—	—	—	—	—	—	—	—
1959 or earlier -----	—	—	—	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units -----	178	82	158	692	152	99	188	95	124
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	3
1.01 or more -----	—	—	—	—	—	—	—	—	3
Renter-occupied housing units -----	1 131	472	168	779	197	168	909	297	200
Lacking complete plumbing facilities -----	23	17	8	14	—	—	—	—	—
1.01 or more -----	—	—	—	8	—	—	—	—	—

Table 74. Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Johnson County		Linn County	Polk County		Scott County	Story County	Woodbury County	
	All Asian	Chinese	All Asian	All Asian	Laotian	All Asian	All Asian	American Indian	All Asian
Occupied housing units	1 309	554	326	1 471	349	267	1 097	392	324
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	12	12	27	53	20	—	—	29	16
Owner occupied	12	12	10	20	—	—	—	—	6
1-person households	—	—	—	7	—	—	—	2	—
Built 1939 or earlier	—	—	7	21	6	—	—	11	—
Mean household income in 1989 (dollars)	20 883	20 883	31 732	25 298	11 992	—	—	9 070	48 058
Female householder, no husband present	—	—	15	13	6	—	—	8	10
Lacking complete plumbing facilities	—	—	—	—	—	—	—	—	—
No vehicle available	7	7	—	27	14	—	—	19	10
No telephone in unit	—	—	—	—	—	—	—	2	—
1-person households	—	—	—	—	—	—	—	2	—
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	5	5	26	35	—	42	23	13	22
Married-couple families	5	5	13	28	—	6	8	—	9
With own children under 18 years	—	—	8	16	—	6	—	—	9
Families with female householder	—	—	—	7	—	17	—	13	4
With own children under 18 years	—	—	—	7	—	17	—	8	—
Householder worked in 1989	—	—	13	35	—	33	15	8	9
With public assistance income	—	—	—	—	—	—	—	8	9
With Social Security income	—	—	5	—	—	—	—	—	—
Built 1939 or earlier	—	—	13	6	—	10	10	13	13
Lacking complete plumbing facilities	—	—	—	—	—	—	—	—	—
No vehicle available	—	—	—	—	—	—	—	—	—
No telephone in unit	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	21	—	6	—	—	9
Renter-occupied housing units	477	175	76	326	80	95	425	172	91
Married-couple families	169	46	28	131	59	32	168	39	25
With own children under 18 years	131	20	17	104	45	25	93	28	25
Families with female householder	45	15	13	31	9	25	13	95	35
With own children under 18 years	15	7	6	25	9	21	8	84	35
Householder worked in 1989	227	81	16	210	57	60	233	92	34
With public assistance income	6	—	12	55	19	10	15	117	51
With Social Security income	—	—	12	26	8	—	6	15	—
Built 1939 or earlier	86	36	23	106	18	27	56	62	52
Lacking complete plumbing facilities	17	11	8	6	—	—	—	—	—
No vehicle available	105	45	9	120	42	15	109	80	43
No telephone in unit	14	5	21	67	28	—	16	110	18
1.01 or more persons per room	167	54	13	112	42	—	94	84	18
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	12 217	13 561	31 111	27 877	28 469	16 797	13 681	13 333	22 143
Owner occupied (dollars)	49 750	31 111	45 795	38 214	36 818	55 378	46 667	23 828	34 375
Renter occupied (dollars)	11 361	11 889	27 727	16 875	17 371	13 500	11 457	9 529	20 132
Specified owner-occupied housing units	145	72	137	567	144	99	155	89	74
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage	133	60	94	489	134	93	136	82	53
Less than \$200	—	—	—	—	—	—	—	—	—
\$200 to \$299	—	—	—	19	8	—	—	—	—
\$300 to \$399	—	—	—	19	—	6	—	22	3
\$400 to \$499	—	—	15	68	20	19	—	17	17
\$500 to \$599	8	6	20	74	29	24	18	24	13
\$600 to \$699	12	9	—	86	61	—	20	10	—
\$700 to \$799	30	11	8	35	—	6	23	—	6
\$800 to \$899	23	11	13	59	11	—	11	9	8
\$900 to \$999	15	5	7	41	5	24	13	7	6
\$1,000 to \$1,249	18	8	17	20	—	—	18	—	—
\$1,250 to \$1,499	20	10	5	20	—	—	22	—	—
\$1,500 to \$1,999	7	—	9	20	—	1	11	—	—
\$2,000 or more	—	—	—	28	—	13	—	—	—
Median (dollars)	875	865	825	663	610	582	850	554	525
Mean (dollars)	944	894	883	829	592	906	963	520	617
Not mortgaged	12	12	43	78	10	6	19	7	21
Less than \$100	—	—	—	—	—	—	5	—	—
\$100 to \$199	—	—	32	16	—	—	10	7	—
\$200 to \$299	5	5	11	36	10	—	4	—	17
\$300 to \$399	7	7	—	7	—	—	—	—	4
\$400 to \$499	—	—	—	12	—	—	—	—	—
\$500 or more	—	—	—	7	—	6	—	—	—
Median (dollars)	357	357	179	264	275	500+	172	125	254
Mean (dollars)	294	294	183	293	256	593	179	118	268
Specified renter-occupied housing units	1 126	467	168	779	197	168	903	297	200
GROSS RENT									
Less than \$100	—	—	3	5	—	—	7	—	—
\$100 to \$149	18	6	—	32	18	15	36	9	2
\$150 to \$199	103	73	8	32	—	3	144	44	16
\$200 to \$249	138	89	13	63	16	28	38	43	40
\$250 to \$299	180	105	8	90	37	8	193	60	48
\$300 to \$349	189	51	34	133	48	38	133	36	38
\$350 to \$399	175	34	29	61	10	34	130	17	20
\$400 to \$449	97	39	27	135	33	14	49	40	12
\$450 to \$499	95	27	4	66	13	2	84	24	7
\$500 to \$549	26	8	—	56	—	—	32	—	—
\$550 to \$599	29	9	11	45	16	5	23	7	—
\$600 to \$649	10	—	—	16	—	5	29	—	5
\$650 to \$699	24	13	—	9	—	—	—	7	—
\$700 to \$749	6	—	—	—	—	6	—	—	—
\$750 to \$999	7	7	2	—	—	—	—	—	—
\$1,000 or more	13	6	7	8	—	—	3	—	—
No cash rent	16	—	14	28	6	10	2	10	12
Median (dollars)	321	285	364	379	338	324	310	292	292
Mean (dollars)	352	325	432	384	340	337	328	314	303

Table 75. Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Johnson County		Linn County	Polk County		Scott County	Story County	Woodbury County	
	All Asian	Chinese	All Asian	All Asian	Laotian	All Asian	All Asian	American Indian	All Asian
Specified owner-occupied housing units-----	145	72	137	567	144	99	155	89	74
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels-----	145	72	137	567	144	99	155	89	74
Less than 10 percent-----	15	7	13	76	23	12	16	7	21
10 to 14 percent-----	50	23	35	79	11	14	40	5	17
15 to 19 percent-----	21	--	44	164	42	34	29	15	11
20 to 24 percent-----	24	18	16	99	39	6	12	21	6
25 to 29 percent-----	20	9	8	62	16	1	2	10	6
30 to 34 percent-----	7	7	--	42	13	--	28	--	4
35 to 49 percent-----	3	3	5	22	--	--	28	26	--
50 percent or more-----	5	5	8	23	--	32	--	--	--
Not computed-----	--	--	8	--	--	--	--	5	9
Median-----	16.8	21.7	16.9	18.9	19.5	18.5	18.7	23.6	13.4
Less than \$20,000-----	10	10	30	68	5	32	17	31	13
Less than 20 percent-----	5	5	9	18	--	--	--	--	--
20 to 24 percent-----	--	--	--	--	--	--	--	9	--
25 to 29 percent-----	--	--	--	11	--	--	--	--	--
30 to 34 percent-----	--	--	--	5	5	--	--	--	4
35 percent or more-----	5	5	13	34	--	32	17	17	--
Not computed-----	--	--	8	--	--	--	--	5	9
Median-----	32.5	32.5	37.0	37.5	32.5	50.0+	39.2	36.2	32.5
\$20,000 to \$34,999-----	28	26	15	192	55	--	10	43	16
Less than 20 percent-----	--	--	15	91	30	--	--	12	4
20 to 24 percent-----	9	7	--	33	17	--	--	12	6
25 to 29 percent-----	9	9	--	27	--	--	2	10	6
30 to 34 percent-----	7	7	--	30	8	--	8	--	--
35 percent or more-----	3	3	--	11	--	--	--	9	--
Not computed-----	--	--	--	--	--	--	--	--	--
Median-----	27.8	28.3	10.3	20.8	19.4	--	31.9	24.0	23.3
\$35,000 to \$49,999-----	19	6	44	115	66	10	37	15	17
Less than 20 percent-----	6	6	29	54	28	10	22	15	17
20 to 24 percent-----	4	--	7	45	22	--	9	--	--
25 to 29 percent-----	9	--	8	16	--	--	--	--	--
30 to 34 percent-----	--	--	--	--	--	--	6	--	--
35 percent or more-----	--	--	--	--	--	--	--	--	--
Not computed-----	--	--	--	--	--	--	--	--	--
Median-----	24.4	12.5	15.6	20.4	21.1	17.5	18.7	17.5	12.5
\$50,000 or more-----	88	30	48	192	18	57	91	--	28
Less than 20 percent-----	75	19	39	156	18	50	63	--	28
20 to 24 percent-----	11	11	9	21	--	1	3	--	--
25 to 29 percent-----	2	--	--	8	--	6	--	--	--
30 to 34 percent-----	--	--	--	7	--	--	14	--	--
35 percent or more-----	--	--	--	--	--	--	11	--	--
Not computed-----	--	--	--	--	--	--	--	--	--
Median-----	13.7	13.3	17.2	13.6	10.0-	15.5	14.8	--	10.0
Specified renter-occupied housing units-----	1 126	467	168	779	197	168	903	297	200
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels-----	1 126	467	168	779	197	168	903	297	200
Less than 10 percent-----	33	15	8	32	--	10	43	7	36
10 to 14 percent-----	107	50	59	123	37	38	85	--	23
15 to 19 percent-----	108	61	4	126	48	3	105	44	13
20 to 24 percent-----	124	86	--	84	20	2	115	36	33
25 to 29 percent-----	115	39	--	76	22	30	90	31	--
30 to 34 percent-----	110	25	3	47	15	--	50	48	6
35 to 49 percent-----	136	43	22	42	--	24	107	31	10
50 percent or more-----	221	84	31	161	40	33	172	90	53
Not computed-----	172	64	41	88	15	28	136	10	26
Median-----	29.6	24.4	14.7	23.8	21.5	27.8	27.0	32.7	22.3
Less than \$10,000-----	431	168	74	240	62	65	378	153	79
Less than 20 percent-----	--	--	--	18	18	--	--	--	2
20 to 24 percent-----	18	12	--	--	--	--	15	4	--
25 to 29 percent-----	--	--	--	--	--	10	7	11	--
30 to 34 percent-----	--	--	3	6	--	--	13	19	--
35 percent or more-----	243	92	44	156	35	37	209	109	63
Not computed-----	170	64	27	60	9	18	134	10	14
Median-----	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999-----	48	195	--	193	44	41	257	98	19
Less than 20 percent-----	38	39	--	35	--	3	50	13	--
20 to 24 percent-----	68	61	--	31	20	4	47	24	13
25 to 29 percent-----	96	35	--	39	4	8	70	20	--
30 to 34 percent-----	110	25	--	35	15	--	21	29	6
35 percent or more-----	114	35	--	39	5	20	67	12	--
Not computed-----	2	--	--	14	--	10	2	--	--
Median-----	30.3	24.8	--	28.0	27.5	38.2	27.2	28.0	23.7
\$20,000 to \$34,999-----	178	89	49	219	84	46	206	39	61
Less than 20 percent-----	128	79	33	109	60	32	121	31	29
20 to 24 percent-----	31	6	--	53	--	2	53	8	20
25 to 29 percent-----	19	4	--	37	18	12	13	--	--
30 to 34 percent-----	--	--	--	6	--	--	16	--	--
35 percent or more-----	--	--	2	--	--	--	3	--	--
Not computed-----	--	--	14	14	6	--	--	--	12
Median-----	17.0	14.3	13.0	19.5	15.4	13.2	18.6	18.1	18.0
\$35,000 or more-----	79	15	45	127	7	16	62	7	41
Less than 20 percent-----	72	8	38	119	7	16	62	7	41
20 to 24 percent-----	7	7	--	--	--	--	--	--	--
25 to 29 percent-----	--	--	--	--	--	--	--	--	--
30 to 34 percent-----	--	--	--	--	--	--	--	--	--
35 percent or more-----	--	--	7	8	--	--	--	--	--
Not computed-----	--	--	--	--	--	--	--	--	--
Median-----	11.5	10.0-	12.4	12.7	17.5	11.9	10.8	10.0-	10.0-

Table 76. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Muscatine County	Polk County		Pottawattamie County	Scott County	Woodbury County
	Mexican	Mexican	Other Hispanic	Mexican	Mexican	Mexican
Occupied housing units -----	606	1 231	261	311	854	484
TENURE						
Owner-occupied housing units -----	283	755	105	227	436	135
Renter-occupied housing units -----	323	476	156	84	418	349
YEAR STRUCTURE BUILT						
Owner-occupied housing units -----	283	755	105	227	436	135
1989 to March 1990 -----	—	14	2	—	—	—
1985 to 1988 -----	2	12	—	17	7	6
1980 to 1984 -----	6	9	—	23	24	7
1970 to 1979 -----	73	122	8	20	36	11
1960 to 1969 -----	33	83	22	29	—	—
1950 to 1959 -----	44	182	29	39	59	17
1940 to 1949 -----	33	105	21	27	36	4
1939 or earlier -----	92	228	23	72	167	90
Renter-occupied housing units -----	323	476	156	84	418	349
1989 to March 1990 -----	—	14	—	—	—	—
1985 to 1988 -----	2	9	10	7	—	—
1980 to 1984 -----	53	36	15	—	44	20
1970 to 1979 -----	43	223	59	29	72	57
1960 to 1969 -----	17	52	24	5	43	—
1950 to 1959 -----	30	16	7	—	45	35
1940 to 1949 -----	20	21	18	6	23	32
1939 or earlier -----	158	105	23	37	191	205
BEDROOMS						
Owner-occupied housing units -----	283	755	105	227	436	135
None -----	—	—	—	6	—	—
1 -----	17	21	—	11	8	—
2 -----	92	224	32	77	71	54
3 -----	101	394	73	91	268	29
4 -----	68	111	—	42	89	48
5 or more -----	5	5	—	—	—	4
Renter-occupied housing units -----	323	476	156	84	418	349
None -----	20	—	8	—	12	23
1 -----	137	163	27	30	114	152
2 -----	92	184	81	30	170	129
3 -----	50	99	25	13	79	37
4 -----	15	22	8	11	36	8
5 or more -----	9	8	7	—	7	—
SOURCE OF WATER						
Public system or private company -----	567	1 223	261	297	836	484
Individual drilled well -----	26	8	—	14	18	—
Individual dug well -----	13	—	—	—	—	—
Some other source -----	—	—	—	—	—	—
SEWAGE DISPOSAL						
Public sewer -----	571	1 118	251	297	836	479
Septic tank or cesspool -----	35	105	10	14	18	—
Other means -----	—	8	—	—	—	5
KITCHEN FACILITIES						
Complete kitchen facilities -----	606	1 212	261	311	840	484
Lacking complete kitchen facilities -----	—	19	—	—	14	—
HOUSE HEATING FUEL						
Utility gas -----	473	1 007	218	281	730	441
Bottled, tank, or LP gas -----	38	38	—	6	9	18
Electricity -----	85	179	43	18	89	9
Fuel oil, kerosene, etc. -----	—	—	—	—	9	—
Coal or coke -----	—	—	—	—	—	—
Wood -----	—	—	—	6	8	—
Solar energy -----	—	—	—	—	—	—
Other fuel -----	—	7	—	—	9	4
No fuel used -----	10	—	—	—	—	12
VEHICLES AVAILABLE						
None -----	99	137	27	40	107	58
1 -----	160	386	82	93	347	238
2 -----	181	491	112	95	239	115
3 -----	105	154	33	71	123	41
4 -----	25	56	7	—	26	32
5 or more -----	36	7	—	12	12	—
YEAR HOUSEHOLDER MOVED INTO UNIT						
Owner-occupied housing units -----	283	755	105	227	436	135
1989 to March 1990 -----	33	96	17	49	59	20
1985 to 1988 -----	78	236	14	58	116	25
1980 to 1984 -----	81	87	—	29	27	24
1970 to 1979 -----	54	195	34	30	126	39
1960 to 1969 -----	37	68	26	20	79	8
1959 or earlier -----	—	73	14	41	29	19
Renter-occupied housing units -----	323	476	156	84	418	349
1989 to March 1990 -----	165	284	88	44	270	261
1985 to 1988 -----	122	172	44	34	88	65
1980 to 1984 -----	29	20	24	6	20	23
1970 to 1979 -----	—	—	—	—	33	—
1960 to 1969 -----	7	—	—	—	—	—
1959 or earlier -----	—	—	—	—	7	—
PLUMBING FACILITIES BY PERSONS PER ROOM						
Owner-occupied housing units -----	283	755	105	227	436	135
Lacking complete plumbing facilities -----	—	9	—	—	2	—
1.01 or more -----	—	—	—	—	2	—
Renter-occupied housing units -----	323	476	156	84	418	349
Lacking complete plumbing facilities -----	—	—	—	—	—	—
1.01 or more -----	—	—	—	—	—	—

DETAILED HOUSING CHARACTERISTICS

Table 77. Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Muscatine County	Polk County		Pottawattamie County	Scott County	Woodbury County
	Mexican	Mexican	Other Hispanic	Mexican	Mexican	Mexican
Occupied housing units	606	1 231	261	311	854	484
HOUSEHOLDER 65 YEARS AND OVER						
Occupied housing units	25	131	24	49	115	22
Owner occupied	11	90	14	49	84	18
1-person households	25	66	8	31	22	4
Built 1939 or earlier	25	68	11	18	44	18
Mean household income in 1989 (dollars)	3 622	17 212	21 333	15 857	19 601	16 455
Female householder, no husband present	11	35	16	32	52	4
Lacking complete plumbing facilities	—	—	—	—	2	—
No vehicle available	25	35	16	29	36	4
No telephone in unit	14	21	—	—	13	—
1-person households	14	12	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL						
Owner-occupied housing units	55	43	—	10	53	20
Married-couple families	33	26	—	8	11	8
With own children under 18 years	18	19	—	8	—	8
Families with female householder	—	11	—	2	21	8
With own children under 18 years	—	11	—	2	14	8
Householder worked in 1989	37	13	—	10	23	16
With public assistance income	26	6	—	—	—	12
With Social Security income	11	7	—	—	13	4
Built 1939 or earlier	13	30	—	8	14	12
Lacking complete plumbing facilities	—	—	—	—	—	—
No vehicle available	11	13	—	—	14	4
No telephone in unit	—	6	—	—	8	—
1.01 or more persons per room	4	—	—	—	—	—
Renter-occupied housing units	133	104	41	29	124	137
Married-couple families	59	—	8	—	12	25
With own children under 18 years	52	—	8	—	12	25
Families with female householder	35	43	18	29	62	60
With own children under 18 years	33	43	18	29	55	60
Householder worked in 1989	81	62	20	6	41	101
With public assistance income	60	23	18	29	55	36
With Social Security income	31	19	6	—	39	8
Built 1939 or earlier	94	12	14	13	49	79
Lacking complete plumbing facilities	—	—	—	—	—	—
No vehicle available	52	42	7	11	54	5
No telephone in unit	70	25	14	12	42	60
1.01 or more persons per room	33	9	19	—	—	31
MEDIAN HOUSEHOLD INCOME IN 1989						
Occupied housing units (dollars)	22 317	30 411	27 269	21 576	25 612	16 228
Owner occupied (dollars)	31 042	35 322	40 046	26 250	34 907	21 875
Renter occupied (dollars)	17 548	17 500	25 370	18 750	15 000	12 440
Specified owner-occupied housing units	223	664	105	198	383	122
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS						
With a mortgage	155	514	83	131	288	97
Less than \$200	2	—	—	—	—	—
\$200 to \$299	15	13	4	12	—	—
\$300 to \$399	37	37	—	14	30	26
\$400 to \$499	46	94	29	45	57	22
\$500 to \$599	16	72	17	19	59	36
\$600 to \$699	14	140	—	4	49	—
\$700 to \$799	15	43	6	29	—	13
\$800 to \$899	5	52	—	—	33	—
\$900 to \$999	5	21	8	4	9	—
\$1,000 to \$1,249	—	30	19	4	30	—
\$1,250 to \$1,499	—	—	—	—	21	—
\$1,500 to \$1,999	—	12	—	—	—	—
\$2,000 or more	—	—	—	—	—	—
Median (dollars)	457	628	557	489	597	501
Mean (dollars)	489	657	699	536	691	500
Not mortgaged	68	150	22	67	95	25
Less than \$100	—	—	—	—	—	—
\$100 to \$199	52	68	10	33	45	25
\$200 to \$299	16	57	5	29	36	—
\$300 to \$399	—	19	7	5	14	—
\$400 to \$499	—	6	—	—	—	—
\$500 or more	—	—	—	—	—	—
Median (dollars)	178	207	210	201	204	170
Mean (dollars)	172	218	257	208	219	155
Specified renter-occupied housing units	323	476	156	84	418	349
GROSS RENT						
Less than \$100	18	—	7	—	—	—
\$100 to \$149	14	28	—	11	22	2
\$150 to \$199	45	14	—	—	8	44
\$200 to \$249	43	25	7	—	68	81
\$250 to \$299	30	30	—	11	56	93
\$300 to \$349	50	25	13	18	95	45
\$350 to \$399	30	78	8	27	47	31
\$400 to \$449	32	83	18	—	65	9
\$450 to \$499	24	42	41	6	39	18
\$500 to \$549	2	20	16	11	7	21
\$550 to \$599	9	17	—	—	5	5
\$600 to \$649	6	29	8	—	—	—
\$650 to \$699	7	35	7	—	6	—
\$700 to \$749	—	13	—	—	—	—
\$750 to \$999	7	33	15	—	—	—
\$1,000 or more	—	—	10	—	—	—
No cash rent	6	4	6	—	—	—
Median (dollars)	304	414	484	357	336	272
Mean (dollars)	322	446	551	348	336	297

Table 78. Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Muscatine County	Polk County		Pottawattamie County	Scott County	Woodbury County
	Mexican	Mexican	Other Hispanic	Mexican	Mexican	Mexican
Specified owner-occupied housing units-----	223	664	105	198	383	122
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
All income levels-----	223	664	105	198	383	122
Less than 10 percent-----	69	66	5	27	60	13
10 to 14 percent-----	34	103	33	43	73	28
15 to 19 percent-----	44	190	17	18	87	16
20 to 24 percent-----	13	114	23	14	37	26
25 to 29 percent-----	7	36	19	49	29	15
30 to 34 percent-----	7	41	—	—	21	4
35 to 49 percent-----	11	73	6	23	32	12
50 percent or more-----	42	34	2	24	37	8
Not computed-----	—	7	—	—	7	—
Median-----	16.0	19.2	19.3	23.9	18.2	20.8
Less than \$20,000-----	67	175	18	80	73	50
Less than 20 percent-----	7	36	10	5	8	8
20 to 24 percent-----	—	36	—	—	—	9
25 to 29 percent-----	—	14	—	36	2	9
30 to 34 percent-----	7	5	—	—	7	4
35 percent or more-----	53	77	8	39	49	20
Not computed-----	—	7	—	—	7	—
Median-----	50.0+	29.3	14.5	29.9	46.0	29.4
\$20,000 to \$34,999-----	53	175	19	67	106	31
Less than 20 percent-----	47	83	4	44	52	13
20 to 24 percent-----	3	15	15	6	18	12
25 to 29 percent-----	3	22	—	13	19	6
30 to 34 percent-----	—	30	—	—	4	—
35 percent or more-----	—	25	—	4	13	—
Not computed-----	—	—	—	—	—	—
Median-----	14.3	21.5	21.8	16.3	20.3	21.0
\$35,000 to \$49,999-----	69	176	42	39	109	41
Less than 20 percent-----	64	121	34	27	70	36
20 to 24 percent-----	5	49	—	8	14	5
25 to 29 percent-----	—	—	8	—	8	—
30 to 34 percent-----	—	6	—	—	10	—
35 percent or more-----	—	—	—	4	7	—
Not computed-----	—	—	—	—	—	—
Median-----	11.0	17.4	16.2	12.1	17.5	12.9
\$50,000 or more-----	34	138	26	12	95	—
Less than 20 percent-----	29	119	7	12	90	—
20 to 24 percent-----	5	14	8	—	5	—
25 to 29 percent-----	—	—	11	—	—	—
30 to 34 percent-----	—	—	—	—	—	—
35 percent or more-----	—	5	—	—	—	—
Not computed-----	—	—	—	—	—	—
Median-----	10.0-	15.3	23.8	10.0-	13.0	—
Specified renter-occupied housing units-----	323	476	156	84	418	349
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
All income levels-----	323	476	156	84	418	349
Less than 10 percent-----	46	12	—	—	34	38
10 to 14 percent-----	42	55	34	5	86	34
15 to 19 percent-----	70	80	7	24	40	66
20 to 24 percent-----	27	67	27	25	18	18
25 to 29 percent-----	20	74	12	6	48	40
30 to 34 percent-----	17	49	29	—	48	8
35 to 49 percent-----	30	51	8	7	47	34
50 percent or more-----	52	84	25	17	88	104
Not computed-----	19	4	14	—	9	7
Median-----	19.6	26.5	26.3	22.6	27.8	26.9
Less than \$10,000-----	102	106	22	17	160	154
Less than 20 percent-----	6	—	—	—	—	2
20 to 24 percent-----	5	—	—	—	—	—
25 to 29 percent-----	8	21	—	—	15	11
30 to 34 percent-----	—	—	—	—	24	6
35 percent or more-----	70	85	14	17	112	128
Not computed-----	13	—	8	—	9	7
Median-----	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999-----	85	137	52	25	105	94
Less than 20 percent-----	37	12	7	—	15	53
20 to 24 percent-----	16	—	—	18	10	—
25 to 29 percent-----	12	22	5	—	33	29
30 to 34 percent-----	8	49	21	—	24	2
35 percent or more-----	12	50	19	7	23	10
Not computed-----	—	4	—	—	—	—
Median-----	21.7	33.3	33.3	23.5	29.2	19.3
\$20,000 to \$34,999-----	86	116	56	31	78	70
Less than 20 percent-----	65	47	8	18	70	52
20 to 24 percent-----	6	38	27	7	8	18
25 to 29 percent-----	—	31	7	6	—	—
30 to 34 percent-----	9	—	8	—	—	—
35 percent or more-----	—	—	—	—	—	—
Not computed-----	6	—	6	—	—	—
Median-----	15.7	21.4	23.1	19.0	14.2	15.7
\$35,000 or more-----	50	117	26	11	75	31
Less than 20 percent-----	50	88	26	11	75	31
20 to 24 percent-----	—	29	—	—	—	—
25 to 29 percent-----	—	—	—	—	—	—
30 to 34 percent-----	—	—	—	—	—	—
35 percent or more-----	—	—	—	—	—	—
Not computed-----	—	—	—	—	—	—
Median-----	10.0-	16.6	12.5	17.5	10.7	10.0-

Table 79. Structural Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Davenport city	Des Moines city	Dubuque city	Fort Dodge city	Fort Madison city	Indianola city	Iowa City city	Keokuk city	Marion city	Marshalltown city
TENURE AND VACANCY STATUS										
All housing units.....										
Owner occupied	40 343	83 289	22 377	11 212	5 209	4 304	22 464	5 582	7 998	10 630
Renter occupied	22 757	48 660	14 172	6 798	3 198	2 633	9 817	3 422	5 725	6 810
Vacant for sale only	14 448	29 793	7 265	3 704	1 382	1 513	12 134	1 642	2 047	3 164
Vacant for rent	402	706	101	48	77	3	74	91	37	148
Vacant for seasonal, recreational, or occasional use	1 488	2 200	428	400	281	107	270	199	121	281
All other vacancies	56	122	60	23	71	—	22	9	6	29
Median	1 192	1 808	351	239	200	48	147	219	62	198
Condominium housing units.....										
Owner occupied	476	1 187	177	160	7	75	1 050	25	28	86
Renter occupied	252	677	136	69	—	19	402	—	19	46
Vacant	196	364	37	75	7	36	640	25	—	30
Median	28	146	4	16	—	20	8	—	9	10
YEAR STRUCTURE BUILT										
All housing units.....										
1989 to March 1990	40 343	83 289	22 377	11 212	5 209	4 304	22 464	5 582	7 998	10 630
1985 to 1988	143	897	168	32	12	75	392	11	269	26
1980 to 1984	803	2 862	520	181	50	280	1 451	88	447	108
1970 to 1979	1 951	3 724	812	325	84	262	2 848	265	643	236
1960 to 1969	8 068	12 312	3 566	1 600	576	1 210	5 259	614	1 673	1 878
1950 to 1959	6 788	11 718	3 627	1 490	583	855	4 638	480	2 307	1 778
1940 to 1949	5 543	15 026	3 098	2 226	727	499	2 426	719	1 261	1 750
1939 or earlier	3 912	10 032	1 485	1 072	595	240	1 043	457	317	871
Median	13 135	26 718	9 101	4 286	2 582	883	4 407	2 948	1 081	3 983
Owner-occupied housing units.....										
1989 to March 1990	22 757	48 660	14 172	6 798	3 198	2 633	9 817	3 422	5 725	6 810
1985 to 1988	109	334	72	6	—	31	191	11	89	19
1980 to 1984	475	820	372	62	16	52	517	77	316	32
1970 to 1979	1 002	1 258	330	115	66	109	857	162	322	97
1960 to 1969	3 601	5 095	2 122	936	310	672	2 370	276	1 060	1 117
1950 to 1959	4 232	6 400	2 683	965	451	626	2 201	328	1 865	1 348
1940 to 1949	3 863	10 970	2 514	1 643	470	413	1 489	499	1 073	1 371
1939 or earlier	2 640	6 855	975	665	395	118	457	321	243	460
Median	6 835	16 928	5 104	2 406	1 490	612	1 735	1 748	757	2 366
Renter-occupied housing units.....										
1989 to March 1990	14 448	29 793	7 265	3 704	1 382	1 513	12 134	1 642	2 047	3 164
1985 to 1988	—	472	87	23	5	32	184	—	107	—
1980 to 1984	238	1 849	120	115	28	217	924	—	131	67
1970 to 1979	855	2 175	471	205	5	136	1 928	87	313	124
1960 to 1969	4 002	6 537	1 341	631	229	506	2 790	308	583	687
1950 to 1959	2 271	4 846	870	474	116	203	2 346	121	416	376
1940 to 1949	1 329	3 495	540	530	196	82	873	183	182	296
1939 or earlier	1 026	2 729	415	360	187	113	557	88	59	351
Median	4 727	7 690	3 421	1 366	616	224	2 532	855	256	1 283
BEDROOMS										
All housing units.....										
None	40 343	83 289	22 377	11 212	5 209	4 304	22 464	5 582	7 998	10 630
1	648	2 927	398	221	91	43	1 136	64	37	187
2	6 038	12 758	3 184	1 569	796	530	4 082	983	1 037	1 264
3	13 076	31 644	6 117	3 625	1 846	1 476	7 490	1 755	1 977	3 397
4	14 784	26 724	9 299	4 156	1 794	1 487	6 546	2 010	3 808	3 977
5 or more	4 958	7 781	2 858	1 471	546	633	2 492	622	952	1 585
Median	839	1 455	521	170	136	135	718	148	187	220
Occupied housing units.....										
None	37 205	78 453	21 437	10 502	4 580	4 146	21 951	5 064	7 772	9 974
1	571	2 579	325	144	13	37	1 091	41	26	155
2	5 110	11 531	2 871	1 359	663	470	3 997	874	941	1 099
3	11 822	29 394	5 810	3 340	1 583	1 413	7 251	1 530	1 910	3 103
4	14 124	25 908	9 118	4 047	1 688	1 475	6 437	1 900	3 778	3 867
5 or more	4 802	7 613	2 801	1 449	506	616	2 462	588	930	1 538
Median	776	1 428	512	163	127	135	713	131	187	212
PLUMBING FACILITIES										
Complete plumbing facilities	40 219	82 919	22 336	11 127	5 156	4 296	22 371	5 545	7 971	10 571
Lacking complete plumbing facilities	124	370	41	85	53	8	93	37	27	59
SOURCE OF WATER										
Public system or private company	39 979	83 031	21 779	11 195	5 017	4 271	22 182	5 511	7 916	10 603
Individual drilled well	316	186	531	17	116	20	252	65	77	27
Individual dug well	36	50	59	—	46	13	10	6	5	—
Some other source	12	22	8	—	30	—	20	—	—	—
SEWAGE DISPOSAL										
Public sewer	39 286	81 645	21 620	11 026	5 078	4 208	22 181	5 266	7 887	10 278
Septic tank or cesspool	1 031	1 573	726	172	101	96	252	312	104	347
Other means	26	71	31	14	30	—	31	4	7	5
SELECTED CHARACTERISTICS										
Lacking complete kitchen facilities	202	880	100	171	193	14	198	116	13	56
Median rooms	5.2	4.9	5.4	5.3	5.1	5.2	4.6	5.2	5.4	5.4
SECOND MORTGAGE OR HOME EQUITY LOAN										
Specified owner-occupied housing units.....	20 381	43 149	12 459	5 954	2 938	2 204	8 014	3 045	4 936	6 082
With second mortgage or home equity loan	2 059	4 037	1 079	377	188	296	1 033	148	457	559
No second mortgage or home equity loan	18 322	39 112	11 380	5 577	2 750	1 908	6 981	2 897	4 479	5 523
CONDOMINIUM HOUSING UNITS										
Owner-occupied condominium housing units	252	677	136	69	—	19	402	—	19	46
Median selected monthly owner costs:										
With a mortgage (dollars)	633	729	645	396	—	375	606	—	375	546
Not mortgaged (dollars)	260	500+	248	282	—	125	298	—	275	396
Median value (dollars)	61 200	71 900	65 900	50 000-	—	50 000-	57 000	—	66 800	82 500
MOBILE HOMES										
Owner-occupied mobile homes	723	2 064	636	245	105	207	862	90	529	290
Median selected monthly owner costs:										
With a mortgage (dollars)	426	502	437	438	316	372	469	533	395	362
Not mortgaged (dollars)	224	278	222	205	157	210	225	158	234	196

DETAILED HOUSING CHARACTERISTICS

Table 81. Financial Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ames city	Ankeny city	Bettendorf city	Boone city	Burlington city	Cedar Falls city	Cedar Rapids city	Clinton city	Coralville city	Council Bluffs city
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	15 608	6 754	10 656	5 086	10 986	11 689	43 674	11 667	4 605	21 131
Median income (dollars) -----	24 457	36 110	40 236	24 477	25 045	27 680	31 181	23 298	26 299	24 940
Owner occupied -----	6 874	4 368	7 850	3 456	7 646	7 449	29 346	7 980	1 745	13 986
Median income (dollars) -----	42 820	45 085	46 404	29 234	30 457	39 013	37 102	29 515	38 858	29 508
Renter occupied -----	8 734	2 386	2 806	1 630	3 340	4 240	14 328	3 687	2 860	7 145
Median income (dollars) -----	14 958	23 622	25 392	14 966	13 966	13 333	19 007	14 903	21 858	16 906
Specified owner-occupied housing units -----	5 800	3 694	7 058	3 089	7 037	6 452	26 134	7 113	1 309	12 599
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	4 044	3 103	5 443	1 572	3 495	4 042	17 045	3 724	1 032	7 549
Less than \$200 -----	14	8	8	—	17	24	44	27	—	19
\$200 to \$299 -----	98	8	155	61	286	116	515	395	13	453
\$300 to \$399 -----	204	127	422	334	633	469	2 201	895	6	1 069
\$400 to \$499 -----	364	220	561	401	879	655	2 529	847	46	1 642
\$500 to \$599 -----	510	360	645	257	646	679	3 037	563	170	1 576
\$600 to \$699 -----	693	425	794	228	418	641	2 724	409	143	1 011
\$700 to \$799 -----	670	526	598	145	231	536	1 978	222	203	784
\$800 to \$899 -----	402	505	460	61	98	309	1 185	88	177	430
\$900 to \$999 -----	372	351	476	28	113	204	748	110	93	174
\$1,000 to \$1,249 -----	395	416	667	38	99	267	1 154	110	117	260
\$1,250 to \$1,499 -----	179	92	353	—	61	72	408	26	58	105
\$1,500 to \$1,999 -----	96	67	197	12	—	43	335	27	6	11
\$2,000 or more -----	47	6	107	7	14	27	187	5	—	15
Median (dollars) -----	721	777	720	497	492	611	606	463	772	536
Mean (dollars) -----	778	799	809	549	542	655	677	518	791	576
Not mortgaged -----	1 756	591	1 615	1 517	3 542	2 410	9 089	3 389	277	5 050
Less than \$100 -----	9	7	—	39	97	50	107	90	—	54
\$100 to \$199 -----	459	88	431	496	1 785	893	3 410	1 746	70	2 067
\$200 to \$299 -----	872	322	826	747	1 307	1 142	4 217	1 284	146	2 272
\$300 to \$399 -----	334	117	197	174	292	233	970	225	52	489
\$400 to \$499 -----	25	40	106	18	39	51	145	20	5	80
\$500 or more -----	57	17	55	43	22	41	240	24	4	88
Median (dollars) -----	250	265	237	224	195	217	218	193	240	214
Mean (dollars) -----	260	273	258	234	208	228	233	201	247	226
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	4 044	3 103	5 443	1 572	3 495	4 042	17 045	3 724	1 032	7 549
Less than 10 percent -----	322	194	577	124	324	404	1 675	428	65	521
10 to 14 percent -----	953	521	1 196	398	987	1 142	3 964	961	82	1 605
15 to 19 percent -----	973	903	1 375	431	845	1 169	4 703	1 082	282	1 853
20 to 24 percent -----	782	746	1 061	306	528	617	3 040	470	317	1 388
25 to 29 percent -----	512	360	522	115	350	326	1 388	299	125	925
30 to 34 percent -----	222	135	287	47	83	143	709	129	41	423
35 percent or more -----	280	244	425	144	365	225	1 534	347	120	829
Not computed -----	—	—	—	7	13	16	32	8	—	5
Median -----	18.8	19.6	18.4	18.0	17.5	17.0	18.0	17.2	21.4	19.4
Not mortgaged -----	1 756	591	1 615	1 517	3 542	2 410	9 089	3 389	277	5 050
Less than 10 percent -----	1 036	235	774	547	1 669	1 242	4 048	1 525	112	1 600
10 to 14 percent -----	317	146	409	318	735	507	2 142	740	75	1 342
15 to 19 percent -----	159	89	160	277	403	266	1 230	412	35	748
20 to 24 percent -----	64	57	81	127	217	166	617	185	14	409
25 to 29 percent -----	54	22	69	105	178	82	300	145	10	295
30 to 34 percent -----	36	13	50	28	96	58	184	124	13	151
35 percent or more -----	78	22	72	108	223	75	482	235	18	484
Not computed -----	12	7	—	7	21	14	86	23	—	21
Median -----	10.0	12.0	10.4	13.3	10.6	10.0	11.1	11.1	11.8	13.4
Specified renter-occupied housing units -----	8 728	2 381	2 790	1 630	3 325	4 209	14 287	3 666	2 860	7 129
GROSS RENT										
Less than \$100 -----	46	—	21	41	75	47	191	32	20	125
\$100 to \$149 -----	161	17	28	104	268	132	464	169	—	459
\$150 to \$199 -----	383	14	87	201	269	280	768	436	47	322
\$200 to \$249 -----	316	26	111	266	396	400	743	544	105	385
\$250 to \$299 -----	1 016	100	259	195	423	701	1 509	587	195	649
\$300 to \$349 -----	973	397	283	221	477	861	2 181	714	486	967
\$350 to \$399 -----	1 346	366	485	205	503	652	1 981	396	386	1 025
\$400 to \$449 -----	1 012	435	362	115	377	405	2 069	307	591	932
\$450 to \$499 -----	1 244	401	349	137	161	218	1 542	205	414	906
\$500 to \$549 -----	805	259	191	37	159	197	957	104	197	600
\$550 to \$599 -----	466	122	171	25	67	84	637	55	127	303
\$600 to \$649 -----	259	60	126	10	13	59	333	18	126	145
\$650 to \$699 -----	213	23	117	9	—	47	212	4	49	70
\$700 to \$749 -----	138	48	80	—	6	14	119	7	56	14
\$750 to \$999 -----	174	87	80	—	22	35	284	6	29	35
\$1,000 or more -----	82	—	8	—	—	—	33	—	7	14
No cash rent -----	94	26	32	64	109	77	264	82	25	178
Median (dollars) -----	404	433	413	293	317	329	383	301	418	381
Mean (dollars) -----	418	445	435	301	318	340	387	306	423	373

Table 81. Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Davenport city	Des Moines city	Dubuque city	Fort Dodge city	Fort Madison city	Indianola city	Iowa City city	Keokuk city	Marion city	Marshalltown city
HOUSEHOLD INCOME IN 1989										
Occupied housing units	37 205	78 453	21 437	10 502	4 580	4 146	21 951	5 064	7 772	9 974
Median income (dollars)	25 889	26 499	26 622	22 720	21 636	28 816	24 601	22 234	32 592	26 854
Owner occupied	22 757	48 660	14 172	6 798	3 198	2 633	9 817	3 422	5 725	6 810
Median income (dollars)	33 984	32 765	32 878	28 151	26 015	35 822	43 335	27 626	38 787	32 950
Renter occupied	14 448	29 793	7 265	3 704	1 382	1 513	12 134	1 642	2 047	3 164
Median income (dollars)	15 744	17 482	14 932	13 963	12 738	16 862	15 138	9 822	18 045	16 055
Specified owner-occupied housing units	20 381	43 149	12 459	5 954	2 938	2 204	8 014	3 045	4 936	6 082
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	13 170	27 440	6 780	3 185	1 430	1 481	5 894	1 513	3 601	3 535
Less than \$200	98	74	7	27	16	7	14	14	—	6
\$200 to \$299	495	699	262	246	98	57	20	144	94	155
\$300 to \$399	1 659	2 619	995	797	265	151	284	317	390	444
\$400 to \$499	2 250	4 738	1 315	674	382	183	428	392	492	671
\$500 to \$599	2 552	5 360	1 349	525	257	278	735	242	630	691
\$600 to \$699	1 977	4 688	1 068	346	160	321	841	159	614	598
\$700 to \$799	1 362	3 637	631	194	88	148	844	134	544	359
\$800 to \$899	910	2 061	465	150	89	155	770	24	340	183
\$900 to \$999	669	1 201	248	84	32	61	518	31	237	193
\$1,000 to \$1,249	728	1 250	187	95	12	107	739	36	193	102
\$1,250 to \$1,499	229	487	59	40	18	27	369	17	30	76
\$1,500 to \$1,999	138	336	134	—	13	6	238	3	29	41
\$2,000 or more	103	290	60	7	—	—	94	—	8	16
Median (dollars)	580	605	557	480	487	626	777	470	632	568
Mean (dollars)	642	667	620	529	537	655	847	516	660	619
Not mortgaged	7 211	15 709	5 679	2 769	1 508	723	2 120	1 532	1 335	2 547
Less than \$100	82	216	31	77	25	14	5	21	12	33
\$100 to \$199	2 534	4 808	2 400	1 114	753	320	429	634	398	780
\$200 to \$299	3 485	7 373	2 608	1 167	621	341	892	633	799	1 322
\$300 to \$399	887	2 461	436	328	83	41	572	177	112	309
\$400 to \$499	159	430	106	54	12	7	138	49	8	67
\$500 or more	64	421	98	29	14	—	84	18	6	36
Median (dollars)	222	233	211	212	198	205	267	214	227	229
Mean (dollars)	231	250	224	222	211	209	283	228	231	238
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage	13 170	27 440	6 780	3 185	1 430	1 481	5 894	1 513	3 601	3 535
Less than 10 percent	1 294	2 010	640	251	102	165	505	137	432	273
10 to 14 percent	2 954	4 657	1 617	776	318	310	1 247	378	773	829
15 to 19 percent	3 360	6 834	1 936	801	344	382	1 456	358	927	983
20 to 24 percent	2 218	5 894	1 320	587	264	272	1 191	296	710	615
25 to 29 percent	1 234	2 957	505	314	130	153	641	77	312	360
30 to 34 percent	722	1 753	254	165	134	72	377	50	209	149
35 percent or more	1 367	3 256	489	275	138	120	463	209	238	326
Not computed	21	79	19	16	—	7	14	8	—	—
Median	18.5	20.2	17.9	18.5	19.3	18.4	19.1	18.3	18.2	18.4
Not mortgaged	7 211	15 709	5 679	2 769	1 508	723	2 120	1 532	1 335	2 547
Less than 10 percent	2 966	5 756	2 699	1 065	578	319	1 057	586	630	1 023
10 to 14 percent	1 669	3 637	1 343	655	347	166	449	280	278	551
15 to 19 percent	826	2 052	646	468	169	92	191	215	181	388
20 to 24 percent	539	1 455	351	273	147	66	116	125	94	214
25 to 29 percent	367	806	215	110	92	36	76	95	41	81
30 to 34 percent	211	466	121	36	61	14	44	50	23	64
35 percent or more	549	1 442	276	154	101	22	147	163	68	196
Not computed	84	95	28	8	13	8	40	18	20	30
Median	11.8	12.8	10.5	12.4	12.4	11.2	10.0	13.1	10.5	12.1
Specified renter-occupied housing units	14 369	29 756	7 214	3 688	1 379	1 513	12 095	1 631	2 047	3 157
GROSS RENT										
Less than \$100	102	233	122	136	16	55	55	30	6	43
\$100 to \$149	528	1 297	300	339	63	78	171	185	32	88
\$150 to \$199	740	953	473	355	125	101	497	176	53	271
\$200 to \$249	1 342	1 828	1 089	502	254	120	590	252	117	363
\$250 to \$299	1 805	2 293	1 204	453	252	205	1 010	208	406	467
\$300 to \$349	2 489	3 069	1 138	535	227	255	1 498	203	482	541
\$350 to \$399	2 191	4 095	1 042	451	143	324	1 667	208	338	520
\$400 to \$449	1 893	4 581	659	445	109	134	1 630	157	249	340
\$450 to \$499	1 287	3 404	419	182	34	81	1 111	75	99	168
\$500 to \$549	662	2 386	245	55	30	77	895	34	100	112
\$550 to \$599	335	1 635	97	29	9	17	650	26	21	48
\$600 to \$649	236	1 050	138	47	—	31	559	7	22	16
\$650 to \$699	104	849	59	42	5	14	549	—	39	39
\$700 to \$749	73	390	30	9	—	—	287	3	11	8
\$750 to \$999	215	804	9	18	36	—	593	—	20	7
\$1,000 or more	85	203	13	—	12	—	136	—	9	7
No cash rent	282	686	177	90	64	21	197	67	43	119
Median (dollars)	351	408	314	301	291	336	414	281	340	329
Mean (dollars)	365	417	326	302	317	331	443	288	359	331

Table 81. Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mason City	Muscatine city	Newton city	Oskaloosa city	Ottumwa city	Sioux City city	Spencer city	Urbandale city	Waterloo city	West Des Moines city
	city	city	city	city	city	city	city	city	city	city
HOUSEHOLD INCOME IN 1989										
Occupied housing units -----	12 027	8 756	6 226	4 337	10 280	30 488	4 597	9 013	27 037	12 972
Median income (dollars) -----	24 180	27 800	28 500	21 636	19 721	24 265	23 411	42 975	23 791	40 919
Owner occupied -----	7 918	5 984	4 356	2 822	7 488	20 437	2 833	6 459	17 687	8 070
Median income (dollars) -----	30 957	33 632	34 640	27 932	23 149	30 065	30 130	50 901	30 526	50 246
Renter occupied -----	4 109	2 772	1 870	1 515	2 792	10 051	1 764	2 554	9 350	4 902
Median income (dollars) -----	14 954	15 483	16 516	11 698	11 697	15 334	15 018	29 500	14 217	29 516
Specified owner-occupied housing units -----	7 108	5 246	4 041	2 472	6 745	17 949	2 539	5 830	16 067	6 961
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage -----	4 045	2 989	2 304	1 203	2 995	10 308	1 555	4 850	9 046	5 477
Less than \$200 -----	25	12	25	12	86	46	32	14	103	—
\$200 to \$299 -----	248	103	165	77	546	536	184	17	640	35
\$300 to \$399 -----	762	388	370	244	767	1 726	235	246	1 756	181
\$400 to \$499 -----	887	566	450	303	640	2 024	358	387	1 958	265
\$500 to \$599 -----	830	639	437	258	355	2 127	282	399	1 529	389
\$600 to \$699 -----	448	459	206	124	213	1 209	201	469	1 138	548
\$700 to \$799 -----	263	325	266	69	147	1 032	100	476	693	688
\$800 to \$899 -----	213	219	164	30	80	604	50	690	415	611
\$900 to \$999 -----	124	87	118	13	36	335	38	673	299	505
\$1,000 to \$1,249 -----	145	157	71	39	77	382	26	889	289	972
\$1,250 to \$1,499 -----	53	12	20	13	21	102	18	364	115	553
\$1,500 to \$1,999 -----	14	22	—	21	27	136	31	161	88	503
\$2,000 or more -----	33	—	12	—	—	49	—	65	43	227
Median (dollars) -----	510	568	532	488	413	537	489	858	504	904
Mean (dollars) -----	569	605	577	543	472	594	536	890	566	1 011
Not mortgaged -----	3 063	2 257	1 737	1 269	3 750	7 641	984	980	7 021	1 484
Less than \$100 -----	80	29	58	43	407	184	81	—	170	—
\$100 to \$199 -----	1 692	1 134	1 026	631	2 776	3 545	622	99	3 121	335
\$200 to \$299 -----	1 073	856	552	437	452	2 908	177	472	2 774	647
\$300 to \$399 -----	160	195	75	135	58	673	75	318	707	279
\$400 to \$499 -----	45	22	13	18	52	203	22	48	160	115
\$500 or more -----	13	21	13	5	5	128	7	43	89	108
Median (dollars) -----	189	198	184	195	144	202	166	284	206	252
Mean (dollars) -----	198	209	199	207	157	218	184	296	219	288
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
With a mortgage -----	4 045	2 989	2 304	1 203	2 995	10 308	1 555	4 850	9 046	5 477
Less than 10 percent -----	311	280	229	103	441	857	104	336	1 192	493
10 to 14 percent -----	1 013	618	596	269	850	2 213	413	948	2 184	981
15 to 19 percent -----	1 064	884	694	325	609	2 913	405	1 375	2 199	1 308
20 to 24 percent -----	821	517	500	248	386	1 796	292	1 082	1 483	1 208
25 to 29 percent -----	331	288	132	107	297	1 077	117	512	602	664
30 to 34 percent -----	174	133	44	53	77	467	98	214	375	385
35 percent or more -----	308	269	109	98	330	959	126	362	991	422
Not computed -----	23	—	—	—	5	26	—	21	20	16
Median -----	18.2	18.4	17.4	18.5	16.7	18.6	18.2	19.1	17.6	19.8
Not mortgaged -----	3 063	2 257	1 737	1 269	3 750	7 641	984	980	7 021	1 484
Less than 10 percent -----	1 277	1 158	786	527	1 873	2 772	496	529	2 587	627
10 to 14 percent -----	699	446	447	235	817	1 972	176	212	1 745	316
15 to 19 percent -----	383	263	178	208	413	1 022	137	74	800	211
20 to 24 percent -----	253	143	60	100	255	617	85	69	551	143
25 to 29 percent -----	126	84	81	97	106	402	20	38	378	79
30 to 34 percent -----	97	50	26	18	87	277	27	9	239	30
35 percent or more -----	211	93	126	84	186	549	43	41	608	69
Not computed -----	17	20	33	—	13	30	—	8	113	9
Median -----	11.8	10.0-	10.7	12.3	10.0	12.6	10.0-	10.0-	12.5	11.7
Specified renter-occupied housing units -----	4 069	2 761	1 870	1 499	2 785	10 036	1 743	2 554	9 300	4 895
GROSS RENT										
Less than \$100 -----	46	106	50	54	77	138	63	—	204	—
\$100 to \$149 -----	256	227	94	146	237	489	173	—	432	44
\$150 to \$199 -----	377	223	230	168	395	753	316	—	621	27
\$200 to \$249 -----	465	267	236	194	381	1 359	262	—	1 055	9
\$250 to \$299 -----	533	327	285	215	418	1 472	160	33	1 451	65
\$300 to \$349 -----	670	323	300	136	360	1 259	353	53	1 505	177
\$350 to \$399 -----	654	352	313	201	331	1 199	147	198	1 394	260
\$400 to \$449 -----	382	342	124	171	287	1 036	108	323	892	438
\$450 to \$499 -----	297	229	74	104	115	787	42	492	576	899
\$500 to \$549 -----	142	95	50	30	14	550	70	584	335	893
\$550 to \$599 -----	75	85	30	21	35	283	19	379	257	603
\$600 to \$649 -----	6	35	—	—	10	193	—	166	120	405
\$650 to \$699 -----	8	20	—	—	—	86	4	85	109	380
\$700 to \$749 -----	7	16	10	6	—	17	—	92	58	180
\$750 to \$999 -----	36	16	—	—	6	85	—	107	62	270
\$1,000 or more -----	—	7	—	—	—	8	—	35	9	126
No cash rent -----	115	91	74	53	119	322	26	7	220	119
Median (dollars) -----	320	326	300	288	282	323	261	515	327	526
Mean (dollars) -----	323	333	300	296	285	340	273	531	336	552

Table 82. Household Income Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ames city	Ankeny city	Bettendorf city	Boone city	Burlington city	Cedar Falls city	Cedar Rapids city	Clinton city	Coralville city	Council Bluffs city
Specified owner-occupied housing units.....	5 800	3 694	7 058	3 089	7 037	6 452	26 134	7 113	1 309	12 599
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	5 800	3 694	7 058	3 089	7 037	6 452	26 134	7 113	1 309	12 599
Less than 10 percent	1 358	429	1 351	671	1 993	1 646	5 723	1 953	177	2 121
10 to 14 percent	1 270	667	1 605	716	1 722	1 649	6 106	1 701	157	2 947
15 to 19 percent	1 132	992	1 535	708	1 248	1 435	5 933	1 494	317	2 601
20 to 24 percent	846	803	1 142	433	745	783	3 657	655	331	1 797
25 to 29 percent	566	382	591	220	528	408	1 688	444	135	1 220
30 to 34 percent	258	148	337	75	179	201	893	253	54	574
35 to 49 percent	206	161	279	174	227	156	1 160	261	97	765
50 percent or more	152	105	218	78	361	144	856	321	41	548
Not computed	12	7	—	14	34	30	118	31	—	26
Median	16.2	18.8	16.9	16.1	14.4	14.7	16.0	14.7	20.1	17.3
Less than \$20,000	668	329	888	923	2 048	1 182	5 057	2 222	158	3 545
Less than 20 percent	226	77	227	330	787	456	1 877	921	59	1 124
20 to 24 percent	63	61	110	157	276	213	721	227	10	461
25 to 29 percent	62	30	132	127	268	132	491	303	10	518
30 to 34 percent	69	29	80	65	144	109	300	202	13	325
35 percent or more	236	132	339	230	539	242	1 571	538	66	1 091
Not computed	12	—	—	14	34	30	97	31	—	26
Median	28.1	29.4	29.1	24.0	24.0	22.8	24.2	23.8	30.0	26.7
\$20,000 to \$34,999	1 239	680	1 299	890	2 114	1 446	6 613	1 961	323	4 259
Less than 20 percent	579	280	692	651	1 561	990	4 105	1 538	84	2 512
20 to 24 percent	223	125	224	154	282	186	1 142	233	120	845
25 to 29 percent	244	101	207	53	199	166	639	127	39	497
30 to 34 percent	124	71	95	10	23	52	392	26	18	193
35 percent or more	69	103	81	22	49	52	335	37	62	212
Not computed	—	—	—	—	—	—	—	—	—	—
Median	20.9	22.4	18.9	14.6	13.8	15.1	16.4	14.0	23.2	17.3
\$35,000 to \$49,999	1 313	1 076	1 596	748	1 522	1 536	6 639	1 629	347	2 683
Less than 20 percent	761	442	976	602	1 359	1 186	4 942	1 468	127	2 077
20 to 24 percent	309	370	345	116	41	229	1 125	115	131	415
25 to 29 percent	182	204	112	30	41	86	371	14	62	145
30 to 34 percent	31	22	99	—	6	29	125	25	17	42
35 percent or more	30	31	64	—	—	6	76	7	10	4
Not computed	—	7	—	—	—	—	—	—	—	—
Median	18.3	21.3	17.8	14.8	11.3	15.3	15.6	12.3	21.8	15.1
\$50,000 or more	2 580	1 609	3 275	528	1 353	2 288	7 825	1 301	481	2 112
Less than 20 percent	2 194	1 289	2 596	512	1 256	2 098	6 838	1 221	381	1 956
20 to 24 percent	251	247	463	6	71	155	669	80	70	76
25 to 29 percent	78	47	140	10	20	24	187	—	24	60
30 to 34 percent	34	26	63	—	6	11	76	—	6	14
35 percent or more	23	—	13	—	—	—	34	—	—	6
Not computed	—	—	—	—	—	—	21	—	—	—
Median	12.9	15.7	14.2	10.0	10.3	12.0	12.7	10.3	15.9	12.0
Specified renter-occupied housing units.....	8 728	2 381	2 790	1 630	3 325	4 209	14 287	3 666	2 860	7 129
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	8 728	2 381	2 790	1 630	3 325	4 209	14 287	3 666	2 860	7 129
Less than 10 percent	193	53	170	90	189	201	749	193	58	147
10 to 14 percent	829	328	549	241	487	542	2 300	599	378	801
15 to 19 percent	1 135	549	587	269	587	507	2 558	552	607	1 248
20 to 24 percent	1 092	435	338	317	436	465	1 856	454	551	1 214
25 to 29 percent	963	229	318	180	403	467	1 412	455	344	917
30 to 34 percent	661	181	216	107	220	318	1 103	273	244	661
35 to 49 percent	1 192	289	278	157	371	636	1 593	434	168	830
50 percent or more	2 348	291	285	186	482	939	2 244	575	465	1 091
Not computed	315	26	49	83	150	134	472	131	45	220
Median	30.0	22.8	21.0	22.7	23.7	28.5	23.5	24.7	23.3	25.2
Less than \$10,000	2 850	312	450	528	1 121	1 647	3 904	1 280	545	2 132
Less than 20 percent	26	—	7	27	56	50	99	8	14	94
20 to 24 percent	52	—	21	79	86	94	212	47	14	185
25 to 29 percent	108	9	37	61	173	115	270	159	28	213
30 to 34 percent	128	—	27	23	84	89	238	130	—	186
35 percent or more	2 290	299	331	308	655	1 221	2 806	875	469	1 369
Not computed	246	4	27	30	67	78	279	61	20	85
Median	50.0+	50.0+	50.0+	43.6	45.2	50.0+	50.0+	47.9	50.0+	50.0+
\$10,000 to \$19,999	2 675	617	720	489	985	1 278	3 565	1 022	723	2 082
Less than 20 percent	166	44	76	110	248	162	411	251	53	240
20 to 24 percent	412	74	66	128	181	242	535	244	104	343
25 to 29 percent	508	95	172	102	203	291	864	245	203	467
30 to 34 percent	404	130	162	84	113	206	721	121	185	416
35 percent or more	1 163	268	232	35	198	354	983	134	161	537
Not computed	22	6	12	30	42	23	51	27	17	79
Median	33.0	33.6	31.2	24.7	26.0	28.8	29.7	25.1	29.8	29.5
\$20,000 to \$34,999	2 101	913	749	418	820	838	3 826	981	1 025	1 999
Less than 20 percent	977	406	458	273	568	605	2 332	729	435	1 030
20 to 24 percent	548	307	162	105	169	122	994	153	422	622
25 to 29 percent	339	120	109	17	27	61	256	51	107	237
30 to 34 percent	122	51	20	—	23	23	131	16	52	59
35 percent or more	87	13	—	—	—	—	41	—	3	15
Not computed	28	16	—	23	33	27	72	32	6	36
Median	20.5	20.7	18.6	17.4	17.6	16.8	18.5	16.0	20.9	19.7
\$35,000 or more	1 102	539	871	195	399	446	2 992	383	567	916
Less than 20 percent	988	480	765	190	391	433	2 765	356	541	832
20 to 24 percent	80	54	89	5	—	7	115	10	11	64
25 to 29 percent	8	5	—	—	—	—	22	—	6	—
30 to 34 percent	7	—	7	—	—	—	13	6	7	—
35 percent or more	—	—	—	—	—	—	7	—	—	—
Not computed	19	—	10	—	8	6	70	11	2	20
Median	14.1	14.2	13.6	11.9	11.3	11.2	13.1	11.6	15.0	13.9

Table 82. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Davenport city	Des Moines city	Dubuque city	Fort Dodge city	Fort Madison city	Indianola city	Iowa City city	Keokuk city	Marion city	Marshalltown city
Specified owner-occupied housing units.....	20 381	43 149	12 459	5 954	2 938	2 204	8 014	3 045	4 936	6 082
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	20 381	43 149	12 459	5 954	2 938	2 204	8 014	3 045	4 936	6 082
Less than 10 percent	4 260	7 766	3 339	1 316	680	484	1 562	723	1 062	1 296
10 to 14 percent	4 623	8 294	2 960	1 431	665	476	1 696	658	1 051	1 380
15 to 19 percent	4 186	8 886	2 582	1 269	513	474	1 647	573	1 108	1 371
20 to 24 percent	2 757	7 349	1 671	860	411	338	1 307	421	804	829
25 to 29 percent	1 601	3 763	720	424	222	189	717	172	353	441
30 to 34 percent	933	2 219	375	201	195	86	421	100	232	213
35 to 49 percent	1 003	2 652	389	252	133	67	430	198	157	360
50 percent or more	913	2 046	376	177	106	75	180	174	149	162
Not computed	105	174	47	24	13	15	54	26	20	30
Median	16.5	18.1	14.8	15.9	16.1	16.4	17.2	16.1	16.6	16.3
Less than \$20,000	4 870	10 424	2 877	1 844	991	449	898	991	715	1 486
Less than 20 percent	1 384	2 648	1 258	782	360	182	165	280	215	494
20 to 24 percent	701	1 625	392	319	175	66	121	157	122	228
25 to 29 percent	667	1 161	313	190	121	48	98	118	79	168
30 to 34 percent	429	1 009	224	118	118	14	80	70	39	117
35 percent or more	1 584	3 812	643	411	204	124	385	340	240	449
Not computed	105	169	47	24	13	15	49	26	20	30
Median	27.2	28.7	22.0	22.0	23.7	22.7	32.5	26.9	25.7	25.2
\$20,000 to \$34,999	5 288	12 493	3 669	1 812	933	539	1 596	957	1 091	1 587
Less than 20 percent	3 005	6 320	2 430	1 247	603	272	739	677	568	1 037
20 to 24 percent	1 030	2 725	724	327	137	121	212	178	181	299
25 to 29 percent	628	1 708	318	158	92	92	278	47	161	120
30 to 34 percent	368	1 006	109	62	71	48	185	23	131	74
35 percent or more	257	734	88	18	28	6	177	32	50	57
Not computed	—	—	—	—	—	—	5	—	—	—
Median	17.9	19.8	15.1	15.9	15.3	19.8	21.3	15.4	19.3	15.8
\$35,000 to \$49,999	4 549	9 801	2 923	1 344	639	550	1 733	661	1 480	1 534
Less than 20 percent	3 599	6 691	2 406	1 077	561	383	968	582	942	1 217
20 to 24 percent	573	2 209	403	186	58	95	463	65	364	173
25 to 29 percent	219	650	62	60	7	42	188	7	113	110
30 to 34 percent	95	151	30	21	6	18	87	7	45	22
35 percent or more	63	100	22	—	7	12	27	—	16	12
Not computed	—	—	—	—	—	—	—	—	—	—
Median	15.1	16.8	13.3	13.2	12.1	16.7	18.6	11.5	17.5	15.4
\$50,000 or more	5 674	10 431	2 990	954	375	666	3 787	436	1 650	1 475
Less than 20 percent	5 081	9 287	2 787	910	334	597	3 033	415	1 496	1 299
20 to 24 percent	453	790	152	28	41	56	511	21	137	129
25 to 29 percent	87	244	27	16	—	7	153	—	—	43
30 to 34 percent	41	53	12	—	—	6	69	—	17	—
35 percent or more	12	52	12	—	—	—	21	—	—	4
Not computed	—	5	—	—	—	—	—	—	—	—
Median	12.3	12.2	11.1	10.0	10.4	12.2	14.1	10.3	12.4	11.9
Specified renter-occupied housing units	14 369	29 756	7 214	3 688	1 379	1 513	12 095	1 631	2 047	3 157
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	14 369	29 756	7 214	3 688	1 379	1 513	12 095	1 631	2 047	3 157
Less than 10 percent	559	921	462	178	134	119	297	83	83	222
10 to 14 percent	1 909	3 118	1 106	484	219	234	874	162	319	422
15 to 19 percent	2 262	4 573	1 062	562	161	306	1 631	227	379	591
20 to 24 percent	1 738	4 236	974	587	76	208	1 431	189	293	405
25 to 29 percent	1 621	3 725	760	454	150	202	1 341	188	260	334
30 to 34 percent	968	2 657	451	255	70	82	991	134	132	199
35 to 49 percent	1 734	3 583	921	475	195	135	1 660	221	262	353
50 percent or more	2 984	5 855	1 166	585	283	194	3 370	343	257	501
Not computed	594	1 088	312	108	91	33	500	84	62	130
Median	26.3	27.0	24.2	24.8	26.8	21.9	31.1	28.0	23.6	23.4
Less than \$10,000	4 891	8 337	2 395	1 371	526	418	3 894	827	477	899
Less than 20 percent	54	181	42	101	16	38	52	49	—	13
20 to 24 percent	173	310	139	75	21	26	100	30	13	52
25 to 29 percent	355	692	211	211	42	64	125	121	43	62
30 to 34 percent	249	546	181	121	45	24	82	89	31	61
35 percent or more	3 620	6 018	1 641	845	359	249	3 156	492	367	677
Not computed	440	590	181	18	43	17	379	46	23	34
Median	50.0+	50.0+	49.7	43.1	49.4	44.5	50.0+	43.9	50.0+	50.0+
\$10,000 to \$19,999	3 915	8 279	2 169	1 119	425	457	3 668	326	681	974
Less than 20 percent	557	662	465	295	134	85	297	71	75	197
20 to 24 percent	695	1 153	517	272	40	115	404	71	176	169
25 to 29 percent	966	1 579	444	187	100	115	662	59	185	247
30 to 34 percent	633	1 590	256	134	21	58	652	41	84	138
35 percent or more	1 004	3 104	435	208	113	76	1 605	72	152	177
Not computed	60	191	52	23	17	8	48	12	9	46
Median	28.5	32.0	25.9	24.7	26.5	26.1	33.4	26.3	27.3	27.0
\$20,000 to \$34,999	3 604	8 533	1 716	878	270	354	2 958	352	628	866
Less than 20 percent	2 298	3 740	1 253	563	211	252	1 155	235	456	658
20 to 24 percent	789	2 474	292	217	15	67	790	88	104	158
25 to 29 percent	285	1 326	105	56	8	23	478	8	32	25
30 to 34 percent	80	472	14	—	4	—	236	4	17	—
35 percent or more	94	308	11	7	6	4	252	—	—	—
Not computed	58	213	41	35	26	8	47	17	19	25
Median	18.2	20.8	16.3	17.5	13.8	17.5	21.9	17.4	17.1	16.9
\$35,000 or more	1 959	4 607	934	320	158	284	1 575	126	261	418
Less than 20 percent	1 821	4 029	870	265	153	284	1 298	117	250	367
20 to 24 percent	81	299	26	23	—	—	137	—	—	26
25 to 29 percent	15	128	—	—	—	—	76	—	—	—
30 to 34 percent	6	49	—	—	—	—	21	—	—	—
35 percent or more	—	8	—	—	—	—	17	—	—	—
Not computed	36	94	38	32	5	—	26	9	11	25
Median	12.6	13.9	11.5	11.8	10.0	12.3	14.5	10.0	12.0	11.2

Table 82. Household Income Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mason City city	Muscatine city	Newton city	Oskaloosa city	Ottumwa city	Sioux City city	Spencer city	Urbandale city	Waterloo city	West Des Moines city
Specified owner-occupied housing units.....	7 108	5 246	4 041	2 472	6 745	17 949	2 539	5 830	16 067	6 961
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	7 108	5 246	4 041	2 472	6 745	17 949	2 539	5 830	16 067	6 961
Less than 10 percent.....	1 588	1 438	1 015	630	2 314	3 629	600	865	3 779	1 120
10 to 14 percent.....	1 712	1 064	1 043	504	1 667	4 185	589	1 160	3 929	1 297
15 to 19 percent.....	1 447	1 147	872	533	1 022	3 935	542	1 449	2 999	1 519
20 to 24 percent.....	1 074	660	560	348	641	2 413	377	1 151	2 034	1 351
25 to 29 percent.....	457	372	213	204	403	1 479	137	550	980	743
30 to 34 percent.....	271	183	70	71	164	744	125	223	614	415
35 to 49 percent.....	251	173	149	99	250	832	92	263	781	315
50 percent or more.....	268	189	86	83	266	676	77	140	818	176
Not computed.....	40	20	33	—	18	56	—	29	133	25
Median.....	15.8	15.5	14.7	16.0	13.1	16.4	15.7	18.0	15.4	18.5
Less than \$20,000.....	2 131	1 220	1 039	771	2 840	5 345	748	505	4 883	697
Less than 20 percent.....	867	504	521	323	1 572	2 012	350	61	1 646	178
20 to 24 percent.....	344	162	95	118	329	816	133	77	644	136
25 to 29 percent.....	227	132	122	137	300	698	43	78	571	107
30 to 34 percent.....	190	90	60	33	132	456	84	50	420	67
35 percent or more.....	463	312	208	160	489	1 307	138	210	1 469	193
Not computed.....	40	20	33	—	18	56	—	29	133	16
Median.....	22.6	23.0	19.5	22.6	18.3	23.9	20.9	32.2	25.7	26.2
\$20,000 to \$34,999.....	2 013	1 471	1 003	827	1 868	5 241	791	788	4 320	956
Less than 20 percent.....	1 341	938	723	542	1 540	3 448	506	331	3 010	418
20 to 24 percent.....	407	275	209	180	190	845	154	143	764	93
25 to 29 percent.....	161	153	48	51	85	539	81	82	278	148
30 to 34 percent.....	56	61	10	38	26	232	24	74	165	92
35 percent or more.....	48	44	13	16	27	177	26	158	103	205
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	15.5	16.0	15.4	16.2	11.1	16.3	16.9	22.2	15.2	23.2
\$35,000 to \$49,999.....	1 668	1 277	1 030	466	1 096	3 920	539	1 432	3 372	1 577
Less than 20 percent.....	1 348	1 014	809	421	986	3 131	450	794	2 846	664
20 to 24 percent.....	244	149	171	23	98	555	76	308	387	437
25 to 29 percent.....	49	83	36	16	12	182	13	232	95	254
30 to 34 percent.....	19	25	—	—	—	46	—	80	25	152
35 percent or more.....	8	6	14	6	—	6	—	18	19	70
Not computed.....	—	—	—	—	—	—	—	—	—	—
Median.....	14.3	15.0	13.6	12.6	10.0	14.8	13.4	18.7	13.3	21.4
\$50,000 or more.....	1 296	1 278	969	408	941	3 443	461	3 105	3 492	3 731
Less than 20 percent.....	1 191	1 193	877	381	905	3 158	425	2 288	3 205	2 676
20 to 24 percent.....	79	74	85	27	24	197	14	623	239	685
25 to 29 percent.....	20	4	7	—	6	60	—	158	36	234
30 to 34 percent.....	6	7	—	—	6	10	17	19	4	104
35 percent or more.....	—	—	—	—	—	18	5	17	8	23
Not computed.....	—	—	—	—	—	—	—	—	—	9
Median.....	10.8	10.8	12.0	10.0-	10.0-	11.2	11.7	16.3	10.5	15.8
Specified renter-occupied housing units.....	4 069	2 761	1 870	1 499	2 785	10 036	1 743	2 554	9 300	4 895
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels.....	4 069	2 761	1 870	1 499	2 785	10 036	1 743	2 554	9 300	4 895
Less than 10 percent.....	183	120	222	28	132	429	164	85	444	211
10 to 14 percent.....	469	445	317	195	345	1 235	288	319	1 122	636
15 to 19 percent.....	717	423	322	269	395	1 635	285	603	1 481	1 016
20 to 24 percent.....	575	449	162	235	280	1 407	261	608	1 272	947
25 to 29 percent.....	510	280	245	129	357	1 299	206	331	952	580
30 to 34 percent.....	346	174	141	73	295	888	132	182	618	381
35 to 49 percent.....	481	264	164	198	341	1 019	202	286	1 233	476
50 percent or more.....	656	473	204	310	470	1 708	173	128	1 763	512
Not computed.....	132	133	93	62	170	416	32	12	415	136
Median.....	25.2	23.6	20.8	24.8	27.2	25.4	22.3	22.2	25.6	22.7
Less than \$10,000.....	1 345	979	522	659	1 172	3 245	604	107	3 448	346
Less than 20 percent.....	39	72	19	53	59	95	31	—	120	7
20 to 24 percent.....	126	117	24	54	41	168	85	—	184	21
25 to 29 percent.....	182	98	107	51	163	370	60	—	305	43
30 to 34 percent.....	113	58	42	46	174	281	66	—	208	—
35 percent or more.....	844	575	275	427	652	2 143	345	102	2 366	252
Not computed.....	41	59	55	28	83	188	17	5	265	23
Median.....	47.6	47.0	41.9	48.3	42.1	50.0+	39.1	50.0+	50.0+	50.0+
\$10,000 to \$19,999.....	1 345	671	546	394	854	3 123	545	449	2 505	1 019
Less than 20 percent.....	233	122	142	108	226	554	188	—	416	4
20 to 24 percent.....	266	164	83	127	136	651	126	—	540	17
25 to 29 percent.....	289	118	115	41	187	708	138	41	491	88
30 to 34 percent.....	217	107	99	27	115	549	57	158	372	225
35 percent or more.....	267	131	83	81	159	562	30	250	609	656
Not computed.....	73	29	24	10	31	99	6	—	77	29
Median.....	27.4	26.5	26.6	23.3	26.3	27.2	23.2	36.6	27.6	41.9
\$20,000 to \$34,999.....	1 005	708	535	353	573	2 451	367	1 123	2 178	1 651
Less than 20 percent.....	733	447	433	249	415	1 540	291	256	1 443	317
20 to 24 percent.....	183	141	55	54	103	543	50	515	477	671
25 to 29 percent.....	39	55	23	37	7	206	8	264	146	417
30 to 34 percent.....	16	9	—	—	6	58	9	19	38	137
35 percent or more.....	26	31	10	—	—	22	—	62	17	54
Not computed.....	8	25	14	13	42	82	9	7	57	55
Median.....	17.4	17.7	15.3	16.9	16.0	18.1	15.7	22.9	17.9	23.6
\$35,000 or more.....	374	403	267	93	186	1 217	227	875	1 169	1 879
Less than 20 percent.....	364	347	267	82	172	1 110	227	751	1 068	1 535
20 to 24 percent.....	—	27	—	—	—	45	—	93	71	238
25 to 29 percent.....	—	9	—	—	—	15	—	26	10	32
30 to 34 percent.....	—	—	—	—	—	—	—	5	—	19
35 percent or more.....	—	—	—	—	—	—	—	—	4	26
Not computed.....	10	20	—	11	14	47	—	—	16	29
Median.....	11.0	13.1	10.0-	12.5	10.5	12.5	10.4	15.8	12.1	16.1

Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ames city			Burlington city		Cedar Falls city	Cedar Rapids city		
	White	Black	Asian or Pacific Islander	White	Black	White	White	Black	Asian or Pacific Islander
Occupied housing units -----	14 114	353	1 066	10 487	391	11 387	42 308	948	279
TENURE									
Owner-occupied housing units -----	6 642	47	161	7 425	160	7 329	28 774	339	144
Renter-occupied housing units -----	7 472	306	905	3 062	231	4 058	13 534	609	135
YEAR STRUCTURE BUILT									
Owner-occupied housing units -----	6 642	47	161	7 425	160	7 329	28 774	339	144
1989 to March 1990 -----	93	—	14	10	—	107	326	7	—
1985 to 1988 -----	294	—	15	36	—	89	1 106	9	9
1980 to 1984 -----	311	6	—	127	10	292	803	—	8
1970 to 1979 -----	1 492	—	51	698	24	1 293	4 299	20	51
1960 to 1969 -----	1 489	10	24	747	33	1 311	6 237	21	13
1950 to 1959 -----	1 198	6	9	1 051	4	2 119	6 381	38	29
1940 to 1949 -----	491	8	9	788	26	715	2 416	49	—
1939 or earlier -----	1 274	17	21	3 968	63	1 403	7 206	195	34
Renter-occupied housing units -----	7 472	306	905	3 062	231	4 058	13 534	609	135
1989 to March 1990 -----	40	—	13	—	—	17	201	9	3
1985 to 1988 -----	586	21	42	32	—	85	435	—	—
1980 to 1984 -----	688	17	76	203	41	272	1 052	34	8
1970 to 1979 -----	2 200	81	198	599	46	1 385	3 784	152	31
1960 to 1969 -----	1 527	71	198	379	37	870	2 473	84	35
1950 to 1959 -----	748	21	73	224	—	441	1 505	109	31
1940 to 1949 -----	607	48	210	465	31	317	956	59	—
1939 or earlier -----	1 076	47	95	1 160	76	671	3 128	162	27
BEDROOMS									
Owner-occupied housing units -----	6 642	47	161	7 425	160	7 329	28 774	339	144
None -----	—	—	—	8	—	—	8	—	—
1 -----	143	—	—	167	—	139	647	11	—
2 -----	1 424	8	45	2 481	21	1 575	6 679	98	66
3 -----	3 144	21	53	3 495	105	3 898	15 412	145	40
4 -----	1 640	18	50	1 057	27	1 559	5 254	71	38
5 or more -----	291	—	13	217	—	158	774	14	—
Renter-occupied housing units -----	7 472	306	905	3 062	231	4 058	13 534	609	135
None -----	371	—	108	70	—	41	567	28	20
1 -----	2 113	16	359	1 074	17	1 275	4 880	220	61
2 -----	3 556	122	370	1 263	109	1 988	5 780	186	46
3 -----	1 107	34	38	486	99	517	1 804	137	8
4 -----	235	—	12	146	6	211	435	23	—
5 or more -----	90	—	18	23	—	26	68	15	—
SOURCE OF WATER									
Public system or private company -----	14 092	353	1 066	10 404	391	10 719	41 796	948	272
Individual drilled well -----	22	—	—	65	—	564	472	—	7
Individual dug well -----	—	—	—	5	—	9	34	—	—
Some other source -----	—	—	—	13	—	5	6	—	—
SEWAGE DISPOSAL									
Public sewer -----	14 041	353	1 055	10 303	391	10 829	41 745	916	272
Septic tank or cesspool -----	73	—	—	178	—	536	542	—	7
Other means -----	—	—	11	6	—	22	21	32	—
KITCHEN FACILITIES									
Complete kitchen facilities -----	14 019	345	1 033	10 454	391	11 375	42 251	948	271
Lacking complete kitchen facilities -----	95	8	33	33	—	12	57	—	8
HOUSE HEATING FUEL									
Utility gas -----	12 377	280	909	9 786	355	8 546	38 333	738	225
Bottled, tank, or LP gas -----	96	—	14	57	—	527	343	—	—
Electricity -----	1 436	53	136	458	36	1 855	2 744	158	50
Fuel oil, kerosene, etc. -----	45	—	—	39	—	274	70	16	—
Coal or coke -----	—	—	—	—	—	10	—	—	—
Wood -----	13	—	—	92	—	123	85	—	—
Solar energy -----	6	—	—	—	—	—	—	—	—
Other fuel -----	125	20	—	28	—	41	559	36	—
No fuel used -----	16	—	7	27	—	11	174	—	4
VEHICLES AVAILABLE									
None -----	742	52	174	1 094	76	461	3 608	277	18
1 -----	5 484	224	609	3 831	108	3 766	13 871	314	60
2 -----	5 710	73	201	3 892	98	4 877	17 124	271	175
3 -----	1 664	4	66	1 313	77	1 565	5 675	48	18
4 -----	449	—	6	269	32	457	1 386	15	—
5 or more -----	65	—	10	88	—	261	644	23	8
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units -----	6 642	47	161	7 425	160	7 329	28 774	339	144
1989 to March 1990 -----	668	6	17	408	9	763	2 758	45	28
1985 to 1988 -----	1 851	6	73	1 554	47	1 502	6 842	75	39
1980 to 1984 -----	1 168	—	11	1 014	31	891	3 891	56	6
1970 to 1979 -----	1 436	15	56	1 948	63	1 956	6 676	66	66
1960 to 1969 -----	887	12	4	1 079	10	1 230	4 491	54	5
1959 or earlier -----	632	8	—	1 422	—	987	4 116	25	—
Renter-occupied housing units -----	7 472	306	905	3 062	231	4 058	13 534	609	135
1989 to March 1990 -----	4 403	239	549	1 265	87	2 052	6 070	229	76
1985 to 1988 -----	2 424	47	337	1 186	129	1 434	4 889	289	19
1980 to 1984 -----	397	20	19	332	9	338	1 475	65	18
1970 to 1979 -----	181	—	—	210	6	184	884	21	22
1960 to 1969 -----	56	—	—	49	—	43	133	5	—
1959 or earlier -----	11	—	—	20	—	7	83	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units -----	6 642	47	161	7 425	160	7 329	28 774	339	144
Lacking complete plumbing facilities -----	5	—	—	14	—	12	14	—	—
1.01 or more -----	—	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	7 472	306	905	3 062	231	4 058	13 534	609	135
Lacking complete plumbing facilities -----	33	10	—	—	—	7	42	—	8
1.01 or more -----	—	—	—	—	—	—	7	—	—

Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Cedar Rapids city—Con.		Clinton city	Council Bluffs city			Davenport city	
	Hispanic origin (of any race)	White, not of Hispanic origin	White	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Occupied housing units -----	354	42 064	11 387	20 739	309	20 543	34 159	2 374
TENURE								
Owner-occupied housing units -----	202	28 649	7 826	13 811	213	13 685	21 778	711
Renter-occupied housing units -----	152	13 415	3 561	6 928	96	6 858	12 381	1 663
YEAR STRUCTURE BUILT								
Owner-occupied housing units -----	202	28 649	7 826	13 811	213	13 685	21 778	711
1989 to March 1990 -----	8	326	5	84	—	84	109	—
1985 to 1988 -----	6	1 106	50	328	27	323	459	16
1980 to 1984 -----	2	801	101	430	6	430	943	59
1970 to 1979 -----	8	4 291	906	1 328	11	1 322	3 412	139
1960 to 1969 -----	27	6 223	1 063	2 301	27	2 282	4 139	86
1950 to 1959 -----	35	6 364	1 549	3 144	51	3 123	3 747	80
1940 to 1949 -----	47	2 369	717	1 303	21	1 286	2 593	28
1939 or earlier -----	69	7 169	3 435	4 893	70	4 835	6 376	323
Renter-occupied housing units -----	152	13 415	3 561	6 928	96	6 858	12 381	1 663
1989 to March 1990 -----	8	193	—	109	—	109	—	—
1985 to 1988 -----	5	435	62	439	7	432	224	6
1980 to 1984 -----	13	1 039	184	340	—	340	712	104
1970 to 1979 -----	23	3 761	484	1 810	29	1 792	3 398	492
1960 to 1969 -----	41	2 450	456	872	5	872	1 982	241
1950 to 1959 -----	34	1 478	274	860	4	860	1 192	111
1940 to 1949 -----	11	945	367	540	14	526	900	102
1939 or earlier -----	17	3 114	1 734	1 958	37	1 927	3 973	607
BEDROOMS								
Owner-occupied housing units -----	202	28 649	7 826	13 811	213	13 685	21 778	711
None -----	—	8	—	17	6	11	12	—
1 -----	4	6 643	205	561	11	550	5 575	12
2 -----	41	6 654	2 069	4 598	73	4 548	5 592	119
3 -----	95	15 361	3 782	6 621	96	6 582	10 921	415
4 -----	50	5 209	1 581	1 664	27	1 644	4 046	145
5 or more -----	12	774	189	350	—	350	632	20
Renter-occupied housing units -----	152	13 415	3 561	6 928	96	6 858	12 381	1 663
None -----	—	567	168	438	—	438	503	47
1 -----	72	4 824	1 310	2 348	30	2 334	3 943	482
2 -----	66	5 731	1 355	2 979	30	2 949	5 219	644
3 -----	7	1 797	579	944	25	929	2 119	433
4 -----	7	428	125	210	11	199	498	35
5 or more -----	—	68	24	9	—	9	99	22
SOURCE OF WATER								
Public system or private company -----	354	41 552	10 906	20 493	305	20 301	33 812	2 374
Individual drilled well -----	—	472	431	212	4	208	304	—
Individual dug well -----	—	34	42	30	—	30	36	—
Some other source -----	—	6	8	4	—	4	7	—
SEWAGE DISPOSAL								
Public sewer -----	354	41 501	10 827	20 197	300	20 010	33 167	2 349
Septic tank or cesspool -----	—	542	534	522	9	513	987	12
Other means -----	—	21	26	20	—	20	5	13
KITCHEN FACILITIES								
Complete kitchen facilities -----	347	42 014	11 354	20 649	309	20 453	34 031	2 366
Lacking complete kitchen facilities -----	7	50	33	90	—	90	128	8
HOUSE HEATING FUEL								
Utility gas -----	315	38 114	9 553	19 185	277	19 014	31 148	1 991
Bottled, tank, or LP gas -----	—	343	228	222	13	216	288	17
Electricity -----	39	2 719	706	1 092	19	1 073	2 342	347
Fuel oil, kerosene, etc. -----	—	70	686	34	—	34	32	8
Coal or coke -----	—	—	5	—	—	—	—	—
Wood -----	—	85	54	125	—	125	110	—
Solar energy -----	—	—	—	5	—	5	—	—
Other fuel -----	—	559	98	37	—	37	179	11
No fuel used -----	—	174	57	39	—	39	60	—
VEHICLES AVAILABLE								
None -----	78	3 568	1 217	2 088	56	2 053	3 181	586
1 -----	104	13 793	4 278	7 326	88	7 260	11 819	993
2 -----	128	17 031	4 296	7 870	89	7 823	13 790	523
3 -----	36	5 650	1 309	2 575	64	2 539	4 077	228
4 -----	8	1 378	222	634	—	634	868	32
5 or more -----	—	644	65	246	12	234	424	12
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	202	28 649	7 826	13 811	213	13 685	21 778	711
1989 to March 1990 -----	26	2 754	546	1 205	43	1 180	2 023	39
1985 to 1988 -----	34	6 814	1 450	2 810	61	2 786	4 422	132
1980 to 1984 -----	10	3 881	942	1 996	23	1 986	2 743	132
1970 to 1979 -----	38	6 676	1 954	2 997	24	2 984	5 267	217
1960 to 1969 -----	74	4 428	1 298	2 311	17	2 294	3 915	126
1959 or earlier -----	20	4 096	1 636	2 492	45	2 455	3 408	65
Renter-occupied housing units -----	152	13 415	3 561	6 928	96	6 858	12 381	1 663
1989 to March 1990 -----	94	5 997	1 596	2 971	44	2 933	5 966	853
1985 to 1988 -----	44	4 850	1 257	2 420	38	2 402	4 293	610
1980 to 1984 -----	7	1 468	392	795	14	781	1 060	123
1970 to 1979 -----	7	884	230	561	—	561	771	30
1960 to 1969 -----	—	133	29	115	—	115	209	26
1959 or earlier -----	—	83	57	66	—	66	82	21
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units -----	202	28 649	7 826	13 811	213	13 685	21 778	711
Lacking complete plumbing facilities -----	—	14	14	42	—	42	30	—
1.01 or more -----	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	152	13 415	3 561	6 928	96	6 858	12 381	1 663
Lacking complete plumbing facilities -----	7	35	6	19	—	19	37	19
1.01 or more -----	—	—	—	—	—	—	—	8

DETAILED HOUSING CHARACTERISTICS

TIPSII [UPF] GH219 CENSUS90 71580800 07/28/93 10:48 AM MACHINE: C DATA:CENSUS90*H2TIPSDA19. 07/15/93 18:56:55 TAPE: NONE FRAME: 179 TSF:CENSUS90*92. 07/27/93 12:04:24 UTF:CENSUS90*93. 07/27/93 12:04:24 META:CENSUS90*H2TABLES19. 07/27/93 12:24:38

Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Davenport city—Con.		Des Moines city					Fort Dodge city
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White
Occupied housing units -----	767	33 711	71 570	5 035	1 169	1 133	70 885	10 167
TENURE								
Owner-occupied housing units -----	337	21 580	45 671	2 119	498	597	45 340	6 615
Renter-occupied housing units -----	430	12 131	25 899	2 916	671	536	25 545	3 552
YEAR STRUCTURE BUILT								
Owner-occupied housing units -----	337	21 580	45 671	2 119	498	597	45 340	6 615
1989 to March 1990 -----	—	109	318	11	—	5	318	6
1985 to 1988 -----	—	459	795	9	16	—	795	62
1980 to 1984 -----	14	929	1 122	75	56	9	1 118	115
1970 to 1979 -----	26	3 397	4 657	276	121	78	4 609	919
1960 to 1969 -----	60	4 086	6 015	254	72	76	5 983	940
1950 to 1959 -----	44	3 730	10 561	280	43	141	10 490	1 623
1940 to 1949 -----	18	2 588	6 488	259	52	100	6 416	654
1939 or earlier -----	175	6 282	15 715	955	138	188	15 611	2 296
Renter-occupied housing units -----	430	12 131	25 899	2 916	671	536	25 545	3 552
1989 to March 1990 -----	—	—	404	57	5	6	404	23
1985 to 1988 -----	—	224	1 643	150	47	9	1 634	115
1980 to 1984 -----	41	695	1 866	270	24	59	1 815	198
1970 to 1979 -----	72	3 350	5 885	488	89	209	5 746	622
1960 to 1969 -----	62	1 936	4 109	584	121	46	4 082	451
1950 to 1959 -----	36	1 166	3 096	273	86	30	3 080	502
1940 to 1949 -----	16	893	2 419	234	34	43	2 395	360
1939 or earlier -----	203	3 867	6 477	860	265	134	6 389	1 281
BEDROOMS								
Owner-occupied housing units -----	337	21 580	45 671	2 119	498	597	45 340	6 615
None -----	—	12	63	—	—	—	63	—
1 -----	4	575	1 439	81	79	21	1 418	200
2 -----	23	5 565	15 668	669	118	172	15 584	1 751
3 -----	209	10 807	20 730	1 062	208	311	20 553	3 325
4 -----	83	3 989	6 617	231	75	88	6 568	1 199
5 or more -----	—	632	1 154	76	18	5	1 154	140
Renter-occupied housing units -----	430	12 131	25 899	2 916	671	536	25 545	3 552
None -----	—	22	481	2 207	239	70	2 199	144
1 -----	99	3 886	8 860	753	221	206	8 730	1 097
2 -----	175	5 112	11 162	1 237	270	197	11 019	1 521
3 -----	86	2 096	3 021	566	95	93	2 957	606
4 -----	41	464	500	121	15	24	491	161
5 or more -----	7	92	149	—	—	8	149	23
SOURCE OF WATER								
Public system or private company -----	762	33 369	71 326	5 035	1 169	1 133	70 641	10 150
Individual drilled well -----	5	299	172	—	—	—	172	17
Individual dug well -----	—	36	50	—	—	—	50	—
Some other source -----	—	7	22	—	—	—	22	—
SEWAGE DISPOSAL								
Public sewer -----	762	32 724	70 079	4 991	1 141	1 109	69 412	10 009
Septic tank or cesspool -----	5	982	1 479	8	23	24	1 461	158
Other means -----	—	5	12	36	5	—	12	—
KITCHEN FACILITIES								
Complete kitchen facilities -----	760	33 590	71 098	4 996	1 163	1 118	70 428	10 079
Lacking complete kitchen facilities -----	7	121	472	39	6	15	457	88
HOUSE HEATING FUEL								
Utility gas -----	663	30 769	61 082	3 884	875	906	60 530	9 449
Bottled, tank, or LP gas -----	—	288	919	80	—	17	910	89
Electricity -----	80	2 289	7 766	943	267	203	7 649	443
Fuel oil, kerosene, etc. -----	7	25	251	30	—	—	251	14
Coal or coke -----	—	—	33	—	—	—	33	—
Wood -----	8	110	270	—	—	—	270	15
Solar energy -----	—	—	—	—	—	—	—	—
Other fuel -----	9	170	820	30	—	7	813	117
No fuel used -----	—	60	429	68	27	—	429	40
VEHICLES AVAILABLE								
None -----	99	3 141	7 091	1 162	141	135	7 010	1 133
1 -----	300	11 660	26 964	2 094	325	408	26 681	3 736
2 -----	240	13 609	26 190	1 333	398	427	25 930	4 098
3 -----	110	4 016	8 428	342	165	121	8 374	925
4 -----	13	861	2 107	73	107	35	2 107	172
5 or more -----	5	424	790	31	33	7	783	103
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	337	21 580	45 671	2 119	498	597	45 340	6 615
1989 to March 1990 -----	23	2 008	4 476	157	80	85	4 418	700
1985 to 1988 -----	93	4 378	10 375	338	184	158	10 302	1 240
1980 to 1984 -----	43	2 709	6 017	228	96	56	5 982	1 014
1970 to 1979 -----	84	5 224	9 722	569	117	194	9 610	1 608
1960 to 1969 -----	70	3 872	6 829	477	7	52	6 803	983
1959 or earlier -----	24	3 389	8 252	350	14	52	8 225	1 070
Renter-occupied housing units -----	430	12 131	25 899	2 916	671	536	25 545	3 552
1989 to March 1990 -----	300	5 776	11 510	1 320	365	333	11 307	1 462
1985 to 1988 -----	83	4 256	9 387	1 024	265	173	9 260	1 273
1980 to 1984 -----	7	1 053	2 728	390	35	30	2 704	406
1970 to 1979 -----	33	762	1 616	109	6	—	1 616	278
1960 to 1969 -----	—	209	437	53	—	—	437	60
1959 or earlier -----	7	75	221	20	—	—	221	73
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units -----	337	21 580	45 671	2 119	498	597	45 340	6 615
Lacking complete plumbing facilities -----	2	30	90	20	—	9	81	10
1.01 or more -----	—	—	—	—	—	—	—	—
Renter-occupied housing units -----	430	12 131	25 899	2 916	671	536	25 545	3 552
Lacking complete plumbing facilities -----	—	37	48	23	14	—	48	27
1.01 or more -----	—	—	—	—	8	—	—	—

Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Iowa City city			Muscatine city			Sioux City city	
	White	Black	Asian or Pacific Islander	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Occupied housing units -----	20 197	464	1 159	8 384	458	8 211	28 964	561
TENURE								
Owner-occupied housing units -----	9 546	76	163	5 826	195	5 748	20 034	177
Renter-occupied housing units -----	10 651	388	996	2 558	263	2 463	8 930	384
YEAR STRUCTURE BUILT								
Owner-occupied housing units -----	9 546	76	163	5 826	195	5 748	20 034	177
1989 to March 1990 -----	191	—	—	21	—	21	137	5
1985 to 1988 -----	497	2	10	151	—	151	309	—
1980 to 1984 -----	798	13	37	321	4	317	562	4
1970 to 1979 -----	2 264	20	86	976	26	973	2 751	11
1960 to 1969 -----	2 146	34	21	834	25	816	2 493	24
1950 to 1959 -----	1 476	7	—	637	37	633	3 519	15
1940 to 1949 -----	1 457	—	—	629	37	622	1 998	3
1939 or earlier -----	1 717	—	9	2 257	66	2 215	8 265	115
Renter-occupied housing units -----	10 651	388	996	2 558	263	2 463	8 930	384
1989 to March 1990 -----	172	—	12	22	—	22	—	—
1985 to 1988 -----	849	17	49	62	—	62	406	9
1980 to 1984 -----	1 733	47	125	319	21	314	469	—
1970 to 1979 -----	2 377	119	286	518	38	493	1 628	52
1960 to 1969 -----	2 009	85	229	188	17	171	971	9
1950 to 1959 -----	770	26	65	236	23	220	966	26
1940 to 1949 -----	492	11	54	186	6	186	1 012	51
1939 or earlier -----	2 249	83	176	1 027	158	995	3 478	237
BEDROOMS								
Owner-occupied housing units -----	9 546	76	163	5 826	195	5 748	20 034	177
None -----	8	—	—	—	—	—	8	—
1 -----	245	—	10	199	22	188	745	—
2 -----	1 948	16	37	1 732	38	1 701	6 186	51
3 -----	4 767	15	72	2 941	77	2 916	8 655	72
4 -----	2 089	25	27	847	56	838	3 788	36
5 or more -----	489	20	17	107	2	105	652	18
Renter-occupied housing units -----	10 651	388	996	2 558	263	2 463	8 930	384
None -----	781	67	224	51	8	43	347	15
1 -----	3 188	105	417	844	91	837	3 107	118
2 -----	4 714	180	298	952	101	905	3 712	160
3 -----	1 500	30	23	571	46	555	1 235	56
4 -----	315	—	6	113	15	98	422	30
5 or more -----	153	6	28	27	2	25	107	5
SOURCE OF WATER								
Public system or private company -----	19 942	447	1 159	8 132	458	7 959	28 653	561
Individual drilled well -----	225	17	—	219	—	219	270	—
Individual dug well -----	10	—	—	32	—	32	41	—
Some other source -----	20	—	—	1	—	1	—	—
SEWAGE DISPOSAL								
Public sewer -----	19 936	447	1 159	8 029	442	7 859	28 115	548
Septic tank or cesspool -----	235	17	—	348	16	345	828	13
Other means -----	26	—	—	7	—	7	21	—
KITCHEN FACILITIES								
Complete kitchen facilities -----	20 061	438	1 123	8 369	458	8 196	28 861	561
Lacking complete kitchen facilities -----	136	26	36	15	—	15	103	—
HOUSE HEATING FUEL								
Utility gas -----	16 637	314	835	7 387	371	7 248	25 316	508
Bottled, tank, or LP gas -----	188	9	55	55	13	51	498	5
Electricity -----	2 943	122	243	845	64	815	2 566	37
Fuel oil, kerosene, etc. -----	67	—	14	—	—	—	101	8
Coal or coke -----	—	—	—	—	—	—	—	—
Wood -----	27	—	—	68	—	68	114	—
Solar energy -----	2	—	—	—	—	—	—	—
Other fuel -----	208	10	6	6	—	6	292	3
No fuel used -----	125	9	6	23	10	23	77	—
VEHICLES AVAILABLE								
None -----	1 746	124	153	870	103	833	2 898	154
1 -----	8 206	195	775	2 626	124	2 581	10 476	281
2 -----	7 473	100	174	3 445	128	3 393	11 136	89
3 -----	2 070	25	46	1 059	64	1 039	3 267	14
4 -----	573	12	11	315	9	315	878	18
5 or more -----	129	8	—	69	30	50	309	5
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	9 546	76	163	5 826	195	5 748	20 034	177
1989 to March 1990 -----	1 055	13	25	394	27	390	1 885	18
1985 to 1988 -----	2 886	36	86	1 272	39	1 261	4 054	15
1980 to 1984 -----	1 531	21	31	954	79	923	2 946	15
1970 to 1979 -----	2 243	6	21	1 386	33	1 371	4 723	32
1960 to 1969 -----	1 079	—	—	908	17	891	2 863	49
1959 or earlier -----	752	—	—	912	—	912	3 563	48
Renter-occupied housing units -----	10 651	388	996	2 558	263	2 463	8 930	384
1989 to March 1990 -----	5 811	224	652	1 052	118	998	3 841	255
1985 to 1988 -----	3 817	151	330	932	116	891	3 259	91
1980 to 1984 -----	671	13	14	318	22	318	879	23
1970 to 1979 -----	247	—	—	201	—	201	597	9
1960 to 1969 -----	78	—	—	24	7	24	177	6
1959 or earlier -----	27	—	—	31	—	31	177	—
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units -----	9 546	76	163	5 826	195	5 748	20 034	177
Lacking complete plumbing facilities -----	39	—	—	6	—	6	58	—
1.01 or more -----	—	—	—	—	—	—	6	—
Renter-occupied housing units -----	10 651	388	996	2 558	263	2 463	8 930	384
Lacking complete plumbing facilities -----	26	—	23	—	—	—	49	—
1.01 or more -----	6	—	—	—	—	—	—	—

DETAILED HOUSING CHARACTERISTICS

Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Sioux City city—Con.					Waterloo city		West Des Moines city
	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	Hispanic origin	White	Black	White
Occupied housing units -----	376	299	519	28 777		24 065	2 799	12 623
TENURE								
Owner-occupied housing units -----	82	101	157	19 949		16 308	1 282	7 913
Renter-occupied housing units -----	294	198	362	8 828		7 757	1 517	4 710
YEAR STRUCTURE BUILT								
Owner-occupied housing units -----	82	101	157	19 949		16 308	1 282	7 913
1989 to March 1990 -----	—	—	—	137		69	—	354
1985 to 1988 -----	—	—	—	309		83	—	1 781
1980 to 1984 -----	—	6	7	555		739	40	671
1970 to 1979 -----	9	36	11	2 740		2 068	99	1 542
1960 to 1969 -----	10	17	5	2 488		2 830	227	1 286
1950 to 1959 -----	4	9	17	3 506		4 086	261	1 302
1940 to 1949 -----	8	11	11	1 991		1 932	234	401
1939 or earlier -----	51	22	106	8 223		4 501	421	576
Renter-occupied housing units -----	294	198	362	8 828		7 757	1 517	4 710
1989 to March 1990 -----	—	—	—	44		10	—	529
1985 to 1988 -----	5	—	—	406		105	14	1 005
1980 to 1984 -----	—	8	20	469		689	175	658
1970 to 1979 -----	69	11	42	1 615		2 013	376	1 410
1960 to 1969 -----	38	17	—	971		1 306	210	607
1950 to 1959 -----	35	23	41	966		965	274	195
1940 to 1949 -----	27	43	32	1 007		864	153	55
1939 or earlier -----	120	96	227	3 394		1 771	305	251
BEDROOMS								
Owner-occupied housing units -----	82	101	157	19 949		16 308	1 282	7 913
None -----	—	—	—	8		27	—	7
1 -----	—	6	—	745		653	89	91
2 -----	14	21	64	6 150		4 942	245	1 420
3 -----	31	38	41	8 618		8 410	763	3 469
4 -----	28	36	48	3 780		2 023	175	2 532
5 or more -----	9	—	4	648		253	10	394
Renter-occupied housing units -----	294	198	362	8 828		7 757	1 517	4 710
None -----	20	—	23	347		233	96	160
1 -----	86	61	182	3 042		2 400	432	1 228
2 -----	114	86	128	3 680		3 580	585	2 611
3 -----	44	51	21	1 230		1 217	350	630
4 -----	23	—	8	422		284	54	67
5 or more -----	7	—	—	107		43	—	14
SOURCE OF WATER								
Public system or private company -----	376	299	519	28 466		23 440	2 792	12 547
Individual drilled well -----	—	—	—	270		557	7	52
Individual dug well -----	—	—	—	41		46	—	24
Some other source -----	—	—	—	—		22	—	—
SEWAGE DISPOSAL								
Public sewer -----	360	282	514	27 928		23 363	2 777	12 348
Septic tank or cesspool -----	9	—	—	828		671	10	275
Other means -----	7	17	5	21		31	12	—
KITCHEN FACILITIES								
Complete kitchen facilities -----	363	299	519	28 674		23 902	2 783	12 516
Lacking complete kitchen facilities -----	13	—	—	103		163	16	107
HOUSE HEATING FUEL								
Utility gas -----	315	227	496	25 136		20 522	2 122	9 511
Bottled, tank, or LP gas -----	—	—	—	498		336	42	149
Electricity -----	43	56	7	2 559		2 387	528	2 816
Fuel oil, kerosene, etc. -----	—	—	—	101		493	67	22
Coal or coke -----	—	16	—	—		8	—	—
Wood -----	—	—	—	114		132	7	19
Solar energy -----	—	—	—	—		—	—	6
Other fuel -----	18	—	4	292		114	33	19
No fuel used -----	—	—	12	77		73	—	81
VEHICLES AVAILABLE								
None -----	119	55	72	2 868		2 122	765	528
1 -----	190	141	249	10 391		8 327	1 047	4 093
2 -----	49	63	119	11 093		9 515	704	5 835
3 -----	18	16	47	3 249		2 960	206	1 772
4 -----	—	24	32	867		850	60	329
5 or more -----	—	—	—	309		291	17	66
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units -----	82	101	157	19 949		16 308	1 282	7 913
1989 to March 1990 -----	23	25	20	1 874		1 337	58	1 092
1985 to 1988 -----	7	40	26	4 028		3 230	176	3 103
1980 to 1984 -----	12	19	24	2 938		2 073	72	911
1970 to 1979 -----	23	6	60	4 691		3 940	361	1 375
1960 to 1969 -----	5	7	8	2 855		2 979	356	805
1959 or earlier -----	12	4	19	3 563		2 749	259	627
Renter-occupied housing units -----	294	198	362	8 828		7 757	1 517	4 710
1989 to March 1990 -----	201	95	256	3 779		3 207	658	2 586
1985 to 1988 -----	90	86	85	3 219		3 012	648	1 721
1980 to 1984 -----	—	17	21	879		936	201	239
1970 to 1979 -----	3	—	—	597		443	10	154
1960 to 1969 -----	—	—	—	177		120	—	4
1959 or earlier -----	—	—	—	177		39	—	6
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units -----	82	101	157	19 949		16 308	1 282	7 913
Lacking complete plumbing facilities -----	—	3	—	58		54	—	12
1.01 or more -----	—	3	—	6		—	—	—
Renter-occupied housing units -----	294	198	362	8 828		7 757	1 517	4 710
Lacking complete plumbing facilities -----	—	—	—	49		21	17	9
1.01 or more -----	—	—	—	—		—	—	—

Table 84. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ames city			Burlington city		Cedar Falls city	Cedar Rapids city		
	White	Black	Asian or Pacific Islander	White	Black	White	White	Black	Asian or Pacific Islander
Occupied housing units -----	14 114	353	1 066	10 487	391	11 387	42 308	948	279
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units -----	2 064	23	—	3 021	21	2 290	9 809	93	20
Owner occupied -----	1 524	16	—	2 409	21	1 834	7 712	76	10
1-person households -----	973	15	—	1 645	—	1 012	4 853	54	—
Built 1939 or earlier -----	425	8	—	1 474	21	537	2 739	55	7
Mean household income in 1989 (dollars) -----	31 671	10 145	—	19 704	33 714	26 277	24 006	13 826	40 298
Female householder, no husband present -----	862	7	—	1 560	—	928	4 659	49	8
Lacking complete plumbing facilities -----	—	—	—	—	—	7	25	—	—
No vehicle available -----	331	—	—	731	—	276	2 232	43	—
No telephone in unit -----	—	—	—	32	—	7	58	—	—
1-person households -----	—	—	—	32	—	—	58	—	—
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units -----	287	—	23	574	5	283	1 048	50	26
Married-couple families -----	83	—	8	177	5	114	289	27	13
With own children under 18 years -----	44	—	—	90	5	45	177	10	8
Families with female householder -----	17	—	—	116	—	27	148	—	—
With own children under 18 years -----	11	—	—	84	—	19	95	—	—
Householder worked in 1989 -----	204	—	15	190	—	150	426	19	13
With public assistance income -----	19	—	—	119	—	22	247	—	—
With Social Security income -----	58	—	—	297	—	67	400	31	5
Built 1939 or earlier -----	69	—	10	366	—	46	474	42	13
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	—	—
No vehicle available -----	39	—	—	123	—	34	220	8	—
No telephone in unit -----	7	—	—	44	—	15	47	19	—
1.01 or more persons per room -----	12	—	—	6	—	16	32	9	—
Renter-occupied housing units -----	2 662	162	423	706	137	1 689	2 861	306	59
Married-couple families -----	224	55	168	54	22	174	236	47	28
With own children under 18 years -----	106	47	93	27	22	98	140	47	17
Families with female householder -----	199	23	13	362	111	343	796	150	6
With own children under 18 years -----	199	23	8	318	111	320	733	142	6
Householder worked in 1989 -----	2 337	112	231	321	38	1 336	1 653	214	16
With public assistance income -----	221	9	15	269	98	316	954	180	12
With Social Security income -----	84	—	6	174	16	133	581	35	5
Built 1939 or earlier -----	420	28	56	243	33	248	809	87	23
Lacking complete plumbing facilities -----	5	5	—	—	—	—	7	—	8
No vehicle available -----	220	46	109	278	60	95	840	171	9
No telephone in unit -----	50	15	16	178	45	53	373	46	21
1.01 or more persons per room -----	56	25	94	38	23	65	113	51	13
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars) -----	26 099	10 869	13 021	25 051	20 536	27 955	31 414	19 063	30 341
Owner occupied (dollars) -----	42 716	23 750	50 600	30 161	39 545	39 073	37 198	32 633	45 909
Renter occupied (dollars) -----	15 704	9 542	11 415	14 296	9 376	13 303	19 235	11 592	27 784
Specified owner-occupied housing units -----	5 614	35	134	6 828	160	6 347	25 617	312	123
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage -----	3 884	19	124	3 339	120	3 965	16 666	222	80
Less than \$200 -----	14	—	—	17	—	24	44	—	—
\$200 to \$299 -----	98	—	—	271	15	109	489	11	—
\$300 to \$399 -----	195	9	—	623	—	455	2 166	31	—
\$400 to \$499 -----	360	4	—	844	35	655	2 460	50	15
\$500 to \$599 -----	496	—	14	598	42	666	2 967	44	14
\$600 to \$699 -----	656	—	20	418	—	634	2 675	30	—
\$700 to \$799 -----	647	—	23	195	21	528	1 935	36	—
\$800 to \$899 -----	391	—	11	93	5	303	1 166	6	13
\$900 to \$999 -----	367	—	5	111	2	192	726	7	7
\$1,000 to \$1,249 -----	371	6	18	99	—	257	1 122	7	17
\$1,250 to \$1,499 -----	157	—	22	61	—	72	403	—	5
\$1,500 to \$1,999 -----	85	—	11	—	—	43	326	—	9
\$2,000 or more -----	47	—	—	9	—	27	187	—	—
Median (dollars) -----	719	406	836	490	529	610	607	526	880
Mean (dollars) -----	773	619	979	540	539	655	678	557	919
Not mortgaged -----	1 730	16	10	3 489	40	2 382	8 951	90	43
Less than \$100 -----	9	—	—	87	10	50	107	—	—
\$100 to \$199 -----	433	16	10	1 773	12	886	3 322	51	32
\$200 to \$299 -----	872	—	—	1 298	9	1 136	4 188	18	11
\$300 to \$399 -----	334	—	—	283	9	218	949	21	—
\$400 to \$499 -----	25	—	—	32	—	51	145	—	—
\$500 or more -----	57	—	—	16	—	41	240	—	—
Median (dollars) -----	251	150	175	195	192	216	218	189	179
Mean (dollars) -----	262	158	185	207	200	227	233	214	183
Specified renter-occupied housing units -----	7 472	306	899	3 047	231	4 027	13 493	609	135
GROSS RENT									
Less than \$100 -----	39	—	7	69	6	47	188	—	3
\$100 to \$149 -----	121	4	36	218	50	122	407	47	—
\$150 to \$199 -----	221	8	144	263	6	260	696	61	8
\$200 to \$249 -----	262	8	38	368	23	373	699	38	6
\$250 to \$299 -----	728	79	193	400	17	684	1 446	55	8
\$300 to \$349 -----	812	25	131	444	27	838	2 065	95	17
\$350 to \$399 -----	1 144	72	130	474	14	602	1 875	65	29
\$400 to \$449 -----	938	25	49	347	22	392	1 956	84	18
\$450 to \$499 -----	1 135	25	84	140	14	204	1 505	33	4
\$500 to \$549 -----	741	20	32	134	25	194	919	30	8
\$550 to \$599 -----	420	23	23	55	12	84	589	27	11
\$600 to \$649 -----	225	5	29	13	—	59	320	13	—
\$650 to \$699 -----	208	5	—	—	—	47	183	29	—
\$700 to \$749 -----	138	—	—	6	—	14	112	7	—
\$750 to \$999 -----	167	7	—	13	9	35	257	25	2
\$1,000 or more -----	79	—	3	—	—	—	26	—	7
No cash rent -----	94	—	—	103	6	72	250	—	14
Median (dollars) -----	419	371	310	315	335	329	383	377	374
Mean (dollars) -----	431	387	328	316	334	341	387	378	457

DETAILED HOUSING CHARACTERISTICS

Table 84. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Cedar Rapids city—Con.		Clinton city	Council Bluffs city			Davenport city	
	Hispanic origin (of any race)	White, not of Hispanic origin	White	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Occupied housing units -----	354	42 064	11 387	20 739	309	20 543	34 159	2 374
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units -----	66	9 759	3 393	4 982	50	4 946	7 902	240
Owner occupied -----	59	7 662	2 651	3 703	50	3 667	6 133	119
1-person households -----	24	4 841	1 636	2 466	33	2 441	4 026	161
Built 1939 or earlier -----	21	2 727	1 345	1 923	17	1 912	2 552	143
Mean household income in 1989 (dollars) -----	20 091	24 009	20 082	19 281	15 965	19 297	22 412	11 790
Female householder, no husband present -----	11	4 659	1 469	2 490	30	2 474	3 800	120
Lacking complete plumbing facilities -----	—	25	5	14	—	14	27	—
No vehicle available -----	11	2 232	687	1 158	29	1 137	1 833	77
No telephone in unit -----	—	58	47	84	—	84	107	14
1-person households -----	—	58	37	60	—	60	92	14
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units -----	18	1 041	499	915	13	915	1 156	94
Married-couple families -----	—	289	156	231	13	231	369	29
With own children under 18 years -----	—	177	66	78	13	78	177	17
Families with female householder -----	5	148	107	132	—	132	192	27
With own children under 18 years -----	—	95	81	103	—	103	150	13
Householder worked in 1989 -----	12	419	182	328	6	328	333	38
With public assistance income -----	7	240	72	131	7	131	184	18
With Social Security income -----	—	400	236	443	—	443	469	35
Built 1939 or earlier -----	12	467	315	394	6	394	529	73
Lacking complete plumbing facilities -----	—	—	5	5	—	5	—	—
No vehicle available -----	5	220	52	231	—	231	212	12
No telephone in unit -----	7	40	14	65	—	65	65	—
1.01 or more persons per room -----	—	32	17	58	—	58	16	—
Renter-occupied housing units -----	70	2 814	983	1 680	41	1 648	3 327	824
Married-couple families -----	—	236	122	203	—	203	445	86
With own children under 18 years -----	—	140	85	156	—	156	308	65
Families with female householder -----	27	781	376	787	37	755	1 056	573
With own children under 18 years -----	27	718	354	752	37	720	951	536
Householder worked in 1989 -----	53	1 613	447	799	10	793	1 683	356
With public assistance income -----	27	939	374	657	37	625	1 025	486
With Social Security income -----	22	566	226	416	—	416	576	89
Built 1939 or earlier -----	3	809	440	538	13	525	1 392	309
Lacking complete plumbing facilities -----	—	7	6	4	—	4	9	8
No vehicle available -----	27	832	391	615	19	601	981	436
No telephone in unit -----	16	366	306	328	12	321	604	233
1.01 or more persons per room -----	4	113	24	127	—	127	73	135
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars) -----	23 400	31 462	23 537	25 022	20 815	25 026	26 856	13 544
Owner occupied (dollars) -----	27 708	37 271	29 857	29 556	22 375	29 588	34 194	28 144
Renter occupied (dollars) -----	16 250	19 214	15 102	16 854	17 222	16 864	16 650	8 858
Specified owner-occupied housing units -----	202	25 492	6 985	12 424	210	12 301	19 514	629
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage -----	154	16 584	3 615	7 437	139	7 371	12 488	474
Less than \$200 -----	—	44	21	19	—	19	89	9
\$200 to \$299 -----	15	489	371	448	12	441	471	18
\$300 to \$399 -----	39	2 131	880	1 069	14	1 055	1 555	83
\$400 to \$499 -----	31	2 441	828	1 602	45	1 572	2 141	49
\$500 to \$599 -----	10	2 963	537	1 548	26	1 542	2 426	87
\$600 to \$699 -----	18	2 669	406	1 001	4	1 001	1 851	93
\$700 to \$799 -----	7	1 935	217	755	29	755	1 301	49
\$800 to \$899 -----	8	1 158	88	430	—	430	845	59
\$900 to \$999 -----	8	726	110	174	4	170	647	5
\$1,000 to \$1,249 -----	10	1 120	99	260	5	255	701	22
\$1,250 to \$1,499 -----	—	403	26	105	—	105	220	—
\$1,500 to \$1,999 -----	8	318	27	11	—	11	138	—
\$2,000 or more -----	—	187	5	15	—	15	103	—
Median (dollars) -----	448	608	464	536	498	538	581	590
Mean (dollars) -----	591	678	519	576	542	577	644	595
Not mortgaged -----	48	8 908	3 370	4 987	71	4 930	7 026	155
Less than \$100 -----	—	107	90	54	—	54	82	—
\$100 to \$199 -----	32	3 295	1 727	2 047	41	2 006	2 469	42
\$200 to \$299 -----	12	4 176	1 284	2 229	25	2 218	3 413	65
\$300 to \$399 -----	—	949	225	489	5	484	845	42
\$400 to \$499 -----	—	145	20	80	—	80	159	—
\$500 or more -----	4	236	24	88	—	88	58	6
Median (dollars) -----	188	218	193	214	191	215	222	239
Mean (dollars) -----	234	233	201	226	203	226	230	252
Specified renter-occupied housing units -----	152	13 374	3 540	6 912	96	6 842	12 307	1 658
GROSS RENT								
Less than \$100 -----	—	188	32	125	—	125	96	6
\$100 to \$149 -----	7	400	156	459	11	448	385	122
\$150 to \$199 -----	14	685	426	322	8	314	602	129
\$200 to \$249 -----	—	699	527	385	—	385	1 129	166
\$250 to \$299 -----	8	1 438	559	604	11	604	1 578	180
\$300 to \$349 -----	36	2 033	686	949	18	942	2 127	273
\$350 to \$399 -----	12	1 875	396	996	27	969	1 878	248
\$400 to \$449 -----	41	1 929	302	903	—	903	1 631	197
\$450 to \$499 -----	20	1 485	195	872	6	866	1 090	179
\$500 to \$549 -----	7	912	93	572	11	561	587	60
\$550 to \$599 -----	7	582	55	278	—	278	282	35
\$600 to \$649 -----	—	320	18	145	—	145	210	26
\$650 to \$699 -----	—	183	4	70	—	70	98	6
\$700 to \$749 -----	—	112	7	14	—	14	67	6
\$750 to \$999 -----	—	257	6	35	—	35	215	—
\$1,000 or more -----	—	26	—	14	—	14	77	8
No cash rent -----	—	250	78	169	4	169	255	17
Median (dollars) -----	395	383	302	379	322	379	353	340
Mean (dollars) -----	370	387	306	371	334	371	368	342

Table 84. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Davenport city—Con.		Des Moines city					Fort Dodge city
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White
Occupied housing units -----	767	33 711	71 570	5 035	1 169	1 133	70 885	10 167
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units -----	88	7 853	16 605	877	47	130	16 546	3 180
Owner occupied -----	57	6 100	11 751	587	14	79	11 699	2 338
1-person households -----	15	4 011	8 862	476	7	72	8 808	1 568
Built 1939 or earlier -----	44	2 525	5 570	451	21	68	5 534	1 078
Mean household income in 1989 (dollars) -----	19 814	22 461	25 646	15 713	20 421	17 476	25 682	22 052
Female householder, no husband present -----	36	3 771	8 694	466	13	51	8 665	1 516
Lacking complete plumbing facilities -----	2	27	14	15	—	—	14	—
No vehicle available -----	29	1 817	4 140	270	27	51	4 111	585
No telephone in unit -----	13	100	249	34	—	21	249	43
1-person households -----	—	92	198	9	—	12	198	28
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units -----	36	1 142	2 318	295	25	27	2 301	326
Married-couple families -----	7	369	539	105	18	17	532	68
With own children under 18 years -----	—	177	296	71	6	10	296	33
Families with female householder -----	15	184	413	72	7	4	409	66
With own children under 18 years -----	8	142	289	36	7	4	285	56
Householder worked in 1989 -----	23	325	851	145	25	4	847	110
With public assistance income -----	—	184	550	82	—	6	544	51
With Social Security income -----	6	463	863	122	—	7	856	153
Built 1939 or earlier -----	14	523	1 033	158	6	23	1 020	166
Lacking complete plumbing facilities -----	—	—	6	20	—	—	6	—
No vehicle available -----	7	212	510	81	—	6	504	114
No telephone in unit -----	8	57	157	42	—	6	151	—
1.01 or more persons per room -----	—	16	107	15	11	—	107	—
Renter-occupied housing units -----	122	3 248	5 649	1 102	312	143	5 535	980
Married-couple families -----	12	440	575	129	123	8	567	108
With own children under 18 years -----	12	303	435	105	96	8	427	80
Families with female householder -----	55	1 026	1 708	585	25	61	1 659	346
With own children under 18 years -----	48	928	1 597	535	25	61	1 548	338
Householder worked in 1989 -----	38	1 668	3 053	505	202	80	2 987	489
With public assistance income -----	45	1 005	1 799	531	55	41	1 770	392
With Social Security income -----	32	550	1 272	150	26	25	1 247	241
Built 1939 or earlier -----	42	1 370	1 653	291	106	26	1 634	449
Lacking complete plumbing facilities -----	—	9	13	—	6	—	13	14
No vehicle available -----	44	957	1 923	543	120	38	1 892	425
No telephone in unit -----	28	582	916	266	67	39	884	219
1.01 or more persons per room -----	—	73	350	198	104	28	327	—
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars) -----	24 625	26 922	27 194	17 064	24 257	27 321	27 208	22 966
Owner occupied (dollars) -----	35 347	34 183	33 020	25 689	33 602	35 087	32 986	28 174
Renter occupied (dollars) -----	15 625	16 683	18 101	12 677	15 873	16 306	18 161	14 222
Specified owner-occupied housing units -----	287	19 358	40 415	1 982	407	545	40 109	5 815
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage -----	228	12 372	25 587	1 245	342	435	25 341	3 092
Less than \$200 -----	—	89	66	8	—	—	66	22
\$200 to \$299 -----	—	471	592	71	19	17	592	246
\$300 to \$399 -----	26	1 550	2 455	123	19	33	2 437	760
\$400 to \$499 -----	49	2 126	4 372	245	68	92	4 333	655
\$500 to \$599 -----	44	2 395	4 976	271	79	81	4 918	509
\$600 to \$699 -----	30	1 845	4 316	235	86	106	4 252	338
\$700 to \$799 -----	9	1 292	3 452	119	30	31	3 432	194
\$800 to \$899 -----	36	815	1 960	49	19	16	1 956	150
\$900 to \$999 -----	9	647	1 148	30	14	12	1 141	84
\$1,000 to \$1,249 -----	18	688	1 173	66	—	42	1 142	87
\$1,250 to \$1,499 -----	7	213	472	7	8	—	472	40
\$1,500 to \$1,999 -----	—	138	324	12	—	5	319	—
\$2,000 or more -----	—	103	281	9	—	—	281	7
Median (dollars) -----	590	580	608	571	581	594	607	481
Mean (dollars) -----	661	643	671	610	597	628	671	530
Not mortgaged -----	59	6 986	14 828	737	65	110	14 768	2 723
Less than \$100 -----	—	82	180	36	—	—	180	77
\$100 to \$199 -----	25	2 456	4 482	290	22	39	4 450	1 100
\$200 to \$299 -----	20	3 400	7 060	245	36	39	7 038	1 141
\$300 to \$399 -----	14	831	2 325	102	7	26	2 319	328
\$400 to \$499 -----	—	159	380	44	—	6	380	54
\$500 or more -----	—	58	401	20	—	—	401	23
Median (dollars) -----	211	222	234	211	229	221	235	212
Mean (dollars) -----	223	230	250	233	229	245	251	221
Specified renter-occupied housing units -----	430	12 057	25 862	2 916	671	536	25 508	3 536
GROSS RENT								
Less than \$100 -----	—	96	178	50	5	7	171	128
\$100 to \$149 -----	15	376	997	268	32	28	969	314
\$150 to \$199 -----	8	594	718	192	32	14	710	341
\$200 to \$249 -----	64	1 082	1 524	229	63	25	1 511	480
\$250 to \$299 -----	63	1 554	1 931	253	90	35	1 915	433
\$300 to \$349 -----	98	2 062	2 744	171	133	46	2 710	523
\$350 to \$399 -----	58	1 845	3 478	506	67	91	3 417	440
\$400 to \$449 -----	55	1 600	4 055	340	114	88	4 014	426
\$450 to \$499 -----	41	1 074	3 031	279	51	56	2 975	176
\$500 to \$549 -----	7	587	2 135	203	15	34	2 128	55
\$550 to \$599 -----	9	277	1 414	193	22	17	1 397	22
\$600 to \$649 -----	—	210	954	67	10	28	933	47
\$650 to \$699 -----	—	98	792	42	9	15	783	34
\$700 to \$749 -----	—	67	363	22	—	9	354	9
\$750 to \$999 -----	12	203	732	56	—	33	715	18
\$1,000 or more -----	—	77	195	—	8	—	195	—
No cash rent -----	—	255	621	45	20	10	611	90
Median (dollars) -----	337	354	413	379	342	408	413	303
Mean (dollars) -----	351	369	423	371	362	423	423	302

DETAILED HOUSING CHARACTERISTICS

Table 84. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—
Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Iowa City city			Muscatine city			Sioux City city	
	White	Black	Asian or Pacific Islander	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Occupied housing units -----	20 197	464	1 159	8 384	458	8 211	28 964	561
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units -----	2 567	9	12	2 086	14	2 086	7 643	114
Owner occupied -----	1 825	—	12	1 624	—	1 624	6 059	86
1-person households -----	1 217	9	—	1 044	14	1 044	3 695	50
Built 1939 or earlier -----	517	—	—	754	14	754	3 589	81
Mean household income in 1989 (dollars) -----	32 561	21 604	20 883	22 826	2 172	22 826	20 843	17 588
Female householder, no husband present -----	1 265	—	—	926	—	926	3 504	56
Lacking complete plumbing facilities -----	6	—	—	—	—	—	17	—
No vehicle available -----	494	—	7	450	14	450	1 619	34
No telephone in unit -----	6	—	—	43	14	43	169	—
1-person households -----	—	—	—	26	14	26	129	—
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units -----	335	—	5	209	49	196	1 251	14
Married-couple families -----	72	—	5	35	26	33	339	—
With own children under 18 years -----	44	—	—	7	11	5	169	—
Families with female householder -----	48	—	—	47	12	47	254	—
With own children under 18 years -----	23	—	—	47	12	47	156	—
Householder worked in 1989 -----	170	—	—	76	19	74	537	—
With public assistance income -----	40	—	—	30	15	30	154	—
With Social Security income -----	106	—	—	93	12	93	591	14
Built 1939 or earlier -----	74	—	—	103	2	101	622	9
Lacking complete plumbing facilities -----	8	—	—	—	—	—	35	—
No vehicle available -----	64	—	—	33	12	33	274	—
No telephone in unit -----	30	—	—	4	—	4	69	—
1.01 or more persons per room -----	17	—	—	10	4	8	26	—
Renter-occupied housing units -----	3 855	156	442	703	134	656	2 316	195
Married-couple families -----	319	26	145	112	59	90	178	41
With own children under 18 years -----	215	24	109	89	52	74	142	41
Families with female householder -----	213	39	45	355	29	344	891	101
With own children under 18 years -----	182	39	15	351	29	340	831	86
Householder worked in 1989 -----	3 275	140	212	355	98	321	1 155	72
With public assistance income -----	250	15	6	334	58	308	992	150
With Social Security income -----	194	—	—	136	23	136	567	31
Built 1939 or earlier -----	951	51	86	297	109	275	1 017	109
Lacking complete plumbing facilities -----	9	—	17	—	—	—	24	—
No vehicle available -----	697	63	90	270	64	245	936	98
No telephone in unit -----	142	22	14	186	87	167	563	70
1.01 or more persons per room -----	107	12	143	20	33	13	116	16
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars) -----	26 089	15 536	11 840	28 181	17 750	28 402	24 871	12 104
Owner occupied (dollars) -----	43 237	45 417	51 423	33 723	29 125	33 850	30 127	22 011
Renter occupied (dollars) -----	15 840	13 520	10 971	15 599	12 663	15 820	15 670	10 507
Specified owner-occupied housing units -----	7 801	60	135	5 107	165	5 040	17 588	162
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage -----	5 693	60	123	2 897	117	2 849	10 068	75
Less than \$200 -----	14	—	—	12	—	12	46	—
\$200 to \$299 -----	20	—	—	101	13	90	527	9
\$300 to \$399 -----	275	—	—	381	20	368	1 678	23
\$400 to \$499 -----	428	—	—	541	36	527	1 966	7
\$500 to \$599 -----	727	—	8	621	9	616	2 061	16
\$600 to \$699 -----	829	—	12	440	19	440	1 194	5
\$700 to \$799 -----	813	7	24	310	15	310	1 015	11
\$800 to \$899 -----	735	12	14	213	—	213	587	—
\$900 to \$999 -----	497	6	15	87	5	82	329	—
\$1,000 to \$1,249 -----	705	11	23	157	—	157	382	—
\$1,250 to \$1,499 -----	325	24	20	12	—	12	102	—
\$1,500 to \$1,999 -----	231	—	7	22	—	22	132	4
\$2,000 or more -----	94	—	—	—	—	—	49	—
Median (dollars) -----	772	1 114	919	569	477	572	537	439
Mean (dollars) -----	843	1 103	962	606	514	609	595	548
Not mortgaged -----	2 108	—	12	2 210	48	2 191	7 520	87
Less than \$100 -----	5	—	—	29	—	29	172	12
\$100 to \$199 -----	429	—	—	1 087	35	1 087	3 507	25
\$200 to \$299 -----	887	—	5	856	6	850	2 877	14
\$300 to \$399 -----	565	—	7	195	7	188	639	30
\$400 to \$499 -----	138	—	—	22	—	22	203	—
\$500 or more -----	84	—	—	21	—	21	122	6
Median (dollars) -----	267	—	357	199	177	199	202	236
Mean (dollars) -----	283	—	294	210	190	209	218	239
Specified renter-occupied housing units -----	10 623	382	991	2 547	263	2 452	8 915	384
GROSS RENT								
Less than \$100 -----	47	8	—	99	18	88	135	3
\$100 to \$149 -----	129	20	18	221	6	221	475	5
\$150 to \$199 -----	390	4	103	186	45	178	641	38
\$200 to \$249 -----	452	19	111	217	43	217	1 161	54
\$250 to \$299 -----	782	50	160	304	17	296	1 197	70
\$300 to \$349 -----	1 228	75	189	299	46	271	1 113	49
\$350 to \$399 -----	1 440	64	146	343	28	324	1 083	55
\$400 to \$449 -----	1 493	29	90	336	11	331	945	35
\$450 to \$499 -----	1 038	19	54	205	24	200	721	30
\$500 to \$549 -----	836	33	26	83	9	81	508	28
\$550 to \$599 -----	616	14	20	76	9	67	276	—
\$600 to \$649 -----	514	23	10	35	—	35	177	11
\$650 to \$699 -----	516	—	24	13	7	13	79	—
\$700 to \$749 -----	265	—	6	16	—	16	17	—
\$750 to \$999 -----	574	12	7	16	—	16	85	—
\$1,000 or more -----	123	—	13	7	—	7	8	—
No cash rent -----	180	3	14	91	—	91	294	6
Median (dollars) -----	423	360	318	332	302	332	329	317
Mean (dollars) -----	454	391	349	335	309	335	344	333

Table 84. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Sioux City city—Con.					Waterloo city		West Des Moines city
	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	White	
Occupied housing units -----	376	299	519	28 777	24 065	2 799	12 623	
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units -----	29	16	22	7 631	6 413	408	2 070	
Owner occupied -----	2	6	18	6 047	4 897	281	1 547	
1-person households -----	2	—	4	3 691	3 245	178	1 027	
Built 1939 or earlier -----	11	—	18	3 577	1 933	187	166	
Mean household income in 1989 (dollars) -----	9 070	48 058	16 455	20 858	22 227	14 216	33 696	
Female householder, no husband present -----	8	10	4	3 500	3 114	174	991	
Lacking complete plumbing facilities -----	—	—	—	17	—	—	5	
No vehicle available -----	19	10	4	1 615	1 236	142	348	
No telephone in unit -----	2	—	—	169	23	10	—	
1-person households -----	2	—	—	129	18	10	—	
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units -----	13	13	20	1 239	1 120	245	137	
Married-couple families -----	—	9	8	331	374	41	16	
With own children under 18 years -----	—	9	8	161	157	7	16	
Families with female householder -----	13	4	8	254	221	107	27	
With own children under 18 years -----	8	—	8	156	135	65	27	
Householder worked in 1989 -----	8	—	16	529	369	70	71	
With public assistance income -----	8	—	12	150	232	80	8	
With Social Security income -----	—	—	4	587	482	97	50	
Built 1939 or earlier -----	13	4	12	618	494	112	53	
Lacking complete plumbing facilities -----	—	—	—	35	20	—	—	
No vehicle available -----	—	—	4	270	158	58	26	
No telephone in unit -----	—	—	—	69	80	17	—	
1.01 or more persons per room -----	—	—	—	26	18	13	—	
Renter-occupied housing units -----	169	89	125	2 271	2 106	891	246	
Married-couple families -----	39	25	16	167	301	46	38	
With own children under 18 years -----	28	25	16	131	193	35	28	
Families with female householder -----	92	33	62	865	749	574	56	
With own children under 18 years -----	81	33	62	805	661	545	56	
Householder worked in 1989 -----	92	32	78	1 144	1 061	415	123	
With public assistance income -----	114	49	45	966	827	448	36	
With Social Security income -----	15	—	8	559	390	129	36	
Built 1939 or earlier -----	62	52	76	977	686	172	33	
Lacking complete plumbing facilities -----	—	—	—	24	17	—	—	
No vehicle available -----	77	43	10	931	655	462	54	
No telephone in unit -----	107	18	63	546	377	251	—	
1.01 or more persons per room -----	84	18	31	105	84	133	11	
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars) -----	13 102	22 301	16 528	24 943	25 223	12 126	41 120	
Owner occupied (dollars) -----	23 056	34 896	30 547	30 100	30 953	20 806	50 343	
Renter occupied (dollars) -----	9 682	20 197	12 434	15 783	15 849	7 681	29 534	
Specified owner-occupied housing units -----	82	74	150	17 510	14 758	1 218	6 822	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage -----	82	53	119	10 008	8 281	694	5 369	
Less than \$200 -----	—	—	—	46	91	12	—	
\$200 to \$299 -----	—	—	10	517	551	89	35	
\$300 to \$399 -----	22	3	26	1 669	1 551	185	177	
\$400 to \$499 -----	17	17	22	1 961	1 786	165	258	
\$500 to \$599 -----	24	13	43	2 043	1 442	82	371	
\$600 to \$699 -----	10	—	—	1 194	1 083	49	548	
\$700 to \$799 -----	—	6	18	997	639	54	674	
\$800 to \$899 -----	9	8	—	587	398	17	588	
\$900 to \$999 -----	—	6	—	329	265	25	505	
\$1,000 to \$1,249 -----	—	—	—	382	253	16	967	
\$1,250 to \$1,499 -----	—	—	—	102	115	—	542	
\$1,500 to \$1,999 -----	—	—	—	132	77	—	483	
\$2,000 or more -----	—	—	—	49	30	—	221	
Median (dollars) -----	554	525	503	537	511	424	906	
Mean (dollars) -----	520	617	494	596	568	483	1 010	
Not mortgaged -----	—	21	31	7 502	6 477	524	1 453	
Less than \$100 -----	—	—	—	172	147	23	—	
\$100 to \$199 -----	—	—	25	3 495	2 937	171	327	
\$200 to \$299 -----	—	17	6	2 871	2 567	200	636	
\$300 to \$399 -----	—	4	—	639	615	92	279	
\$400 to \$499 -----	—	—	—	203	137	23	103	
\$500 or more -----	—	—	—	122	74	15	108	
Median (dollars) -----	—	254	177	202	204	228	251	
Mean (dollars) -----	—	268	174	218	217	241	287	
Specified renter-occupied housing units -----	294	198	362	8 813	7 717	1 507	4 703	
GROSS RENT								
Less than \$100 -----	—	—	—	135	112	92	—	
\$100 to \$149 -----	9	—	—	475	295	137	37	
\$150 to \$199 -----	44	16	44	620	440	166	27	
\$200 to \$249 -----	43	40	78	1 149	904	136	9	
\$250 to \$299 -----	60	48	112	1 182	1 286	165	55	
\$300 to \$349 -----	33	38	36	1 103	1 263	215	177	
\$350 to \$399 -----	17	20	46	1 057	1 212	167	240	
\$400 to \$449 -----	40	12	9	940	690	202	421	
\$450 to \$499 -----	24	7	18	713	492	80	873	
\$500 to \$549 -----	—	—	14	508	258	77	854	
\$550 to \$599 -----	7	—	5	271	242	15	583	
\$600 to \$649 -----	—	5	—	177	109	11	390	
\$650 to \$699 -----	7	—	—	79	82	27	366	
\$700 to \$749 -----	—	—	—	17	49	9	163	
\$750 to \$999 -----	—	—	—	85	62	—	263	
\$1,000 or more -----	—	—	—	8	9	—	126	
No cash rent -----	10	12	—	294	212	8	119	
Median (dollars) -----	291	293	272	329	330	312	527	
Mean (dollars) -----	313	305	294	344	342	310	554	

DETAILED HOUSING CHARACTERISTICS

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Table 85. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ames city			Burlington city		Cedar Falls city	Cedar Rapids city		
	White	Black	Asian or Pacific Islander	White	Black	White	White	Black	Asian or Pacific Islander
Specified owner-occupied housing units.....	5 614	35	134	6 828	160	6 347	25 617	312	123
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	5 614	35	134	6 828	160	6 347	25 617	312	123
Less than 10 percent	1 347	4	7	1 939	31	1 617	5 640	60	13
10 to 14 percent	1 222	8	40	1 642	76	1 638	6 000	62	29
15 to 19 percent	1 089	17	19	1 208	27	1 424	5 805	61	44
20 to 24 percent	828	6	12	721	19	744	3 611	30	16
25 to 29 percent	566	—	—	528	—	400	1 672	16	—
30 to 34 percent	220	—	28	179	—	201	883	10	—
35 to 49 percent	178	—	28	221	2	149	1 110	35	5
50 percent or more	152	—	—	361	—	144	792	38	8
Not computed	12	—	—	29	5	30	104	—	8
Median	16.1	16.6	20.4	14.4	13.1	14.7	16.0	17.8	16.8
Less than \$20,000	635	16	17	2 030	14	1 173	4 890	98	30
Less than 20 percent	210	16	—	787	—	456	1 856	7	9
20 to 24 percent	63	—	—	267	9	204	709	12	—
25 to 29 percent	62	—	—	268	—	132	478	13	—
30 to 34 percent	69	—	—	144	—	109	300	—	—
35 percent or more	219	—	17	535	—	242	1 464	66	13
Not computed	12	—	—	29	5	30	83	—	8
Median	28.1	15.0	39.2	24.0	22.5	22.8	23.9	38.9	37.0
\$20,000 to \$34,999	1 212	9	8	2 081	27	1 413	6 490	98	15
Less than 20 percent	570	9	—	1 530	25	972	4 020	60	15
20 to 24 percent	223	—	—	282	—	178	1 124	18	—
25 to 29 percent	244	—	—	199	—	166	636	3	—
30 to 34 percent	106	—	8	23	—	52	382	10	—
35 percent or more	69	—	—	47	2	45	328	7	—
Not computed	—	—	—	—	—	—	—	—	—
Median	20.8	17.5	32.5	13.8	11.2	15.0	16.5	14.7	10.3
\$35,000 to \$49,999	1 280	—	26	1 456	62	1 522	6 543	56	36
Less than 20 percent	743	—	11	1 303	52	1 186	4 853	56	29
20 to 24 percent	300	—	9	106	10	223	1 118	—	7
25 to 29 percent	182	—	—	41	—	78	371	—	—
30 to 34 percent	25	—	6	6	—	29	125	—	—
35 percent or more	30	—	—	—	—	6	76	—	—
Not computed	—	—	—	—	—	—	—	—	—
Median	18.2	—	21.1	11.2	14.5	15.2	15.6	15.2	14.0
\$50,000 or more	2 487	10	83	1 261	57	2 239	7 694	60	42
Less than 20 percent	2 135	4	55	1 169	57	2 065	6 716	60	33
20 to 24 percent	242	6	3	66	—	139	660	—	9
25 to 29 percent	78	—	—	20	—	24	187	—	—
30 to 34 percent	20	—	14	6	—	11	76	—	—
35 percent or more	12	—	11	—	—	—	34	—	—
Not computed	—	—	—	—	—	—	21	—	—
Median	12.8	20.8	14.3	10.0	12.8	12.0	12.7	12.8	17.8
Specified renter-occupied housing units.....	7 472	306	899	3 047	231	4 027	13 493	609	135
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	7 472	306	899	3 047	231	4 027	13 493	609	135
Less than 10 percent	140	10	43	178	5	188	2 703	38	8
10 to 14 percent	718	15	83	443	39	510	2 191	61	43
15 to 19 percent	979	51	105	555	18	486	2 472	72	4
20 to 24 percent	952	13	115	411	19	450	1 797	49	—
25 to 29 percent	849	20	90	381	22	456	1 335	68	—
30 to 34 percent	593	11	50	177	27	318	1 059	41	3
35 to 49 percent	1 054	26	107	346	25	601	1 459	116	15
50 percent or more	2 043	123	172	418	64	889	2 045	155	31
Not computed	144	37	134	129	12	129	432	9	31
Median	30.2	43.9	27.0	23.4	31.2	28.5	23.2	31.5	16.3
Less than \$10,000	2 306	156	378	1 000	121	1 579	3 555	266	57
Less than 20 percent	26	—	—	45	11	50	99	—	—
20 to 24 percent	33	4	15	80	6	94	183	19	—
25 to 29 percent	101	—	7	169	4	115	270	—	—
30 to 34 percent	115	—	13	70	14	89	214	21	3
35 percent or more	1 956	115	209	581	74	1 153	2 536	217	37
Not computed	75	37	134	129	12	129	432	9	31
Median	50.0+	50.0+	50.0+	45.2	45.4	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999	2 318	81	255	899	59	1 235	3 437	119	—
Less than 20 percent	100	16	50	237	6	162	404	7	—
20 to 24 percent	353	—	47	168	7	227	532	3	—
25 to 29 percent	414	20	70	185	18	280	812	43	—
30 to 34 percent	372	11	21	84	21	206	701	20	—
35 percent or more	1 057	34	67	183	15	337	937	46	—
Not computed	22	—	—	42	—	23	51	—	—
Median	33.8	32.0	27.2	25.6	29.6	28.9	29.7	31.6	—
\$20,000 to \$34,999	1 841	41	204	793	13	790	3 657	127	42
Less than 20 percent	818	32	119	547	7	562	2 231	75	26
20 to 24 percent	486	9	53	163	6	122	967	27	—
25 to 29 percent	326	—	13	27	—	61	239	17	—
30 to 34 percent	99	—	16	23	—	23	131	—	—
35 percent or more	84	—	3	—	—	—	31	8	—
Not computed	28	—	—	33	—	22	58	—	14
Median	20.9	17.6	18.7	17.6	19.6	16.9	18.5	18.8	13.2
\$35,000 or more	1 007	28	62	355	38	423	2 844	97	36
Less than 20 percent	893	28	62	347	38	410	2 632	89	29
20 to 24 percent	80	—	—	—	—	7	115	—	—
25 to 29 percent	8	—	—	—	—	—	14	8	—
30 to 34 percent	7	—	—	—	—	—	13	—	—
35 percent or more	—	—	—	—	—	—	—	—	7
Not computed	19	—	—	8	—	6	70	—	—
Median	14.4	12.9	10.8	11.3	12.1	11.2	13.1	12.2	12.4

Table 85. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—
Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Cedar Rapids city—Con.		Clinton city	Council Bluffs city			Davenport city	
	Hispanic origin (of any race)	White, not of Hispanic origin	White	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Specified owner-occupied housing units.....	202	25 492	6 985	12 424	210	12 301	19 514	629
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	202	25 492	6 985	12 424	210	12 301	19 514	629
Less than 10 percent	31	5 619	1 941	2 101	30	2 071	4 192	57
10 to 14 percent	48	5 967	1 689	2 914	43	2 889	4 428	155
15 to 19 percent	46	5 782	1 460	2 570	16	2 554	4 012	98
20 to 24 percent	—	3 611	643	1 776	14	1 770	2 637	105
25 to 29 percent	15	1 657	414	1 198	46	1 165	1 516	60
30 to 34 percent	4	879	249	574	5	569	878	38
35 to 49 percent	4	1 110	256	746	19	746	949	47
50 percent or more	48	763	310	519	37	511	804	69
Not computed	6	104	23	26	—	26	98	—
Median	17.1	16.0	14.6	17.3	25.2	17.3	16.4	20.2
Less than \$20,000	76	4 848	2 180	3 473	94	3 428	4 582	214
Less than 20 percent	11	1 850	915	1 105	9	1 101	1 345	28
20 to 24 percent	—	709	227	461	—	461	668	33
25 to 29 percent	7	471	291	509	33	476	640	25
30 to 34 percent	—	300	202	325	—	325	394	28
35 percent or more	52	1 435	522	1 047	52	1 039	1 437	100
Not computed	6	83	23	26	—	26	98	—
Median	50.0+	23.8	23.6	26.5	38.6	26.5	26.8	33.8
\$20,000 to \$34,999	68	6 432	1 897	4 200	61	4 162	5 065	180
Less than 20 percent	64	3 966	1 504	2 483	38	2 451	2 885	102
20 to 24 percent	—	1 124	221	832	6	826	1 006	17
25 to 29 percent	—	636	109	484	13	484	585	35
30 to 34 percent	4	378	26	193	—	193	348	10
35 percent or more	—	328	37	208	4	208	241	16
Not computed	—	—	—	—	—	—	—	—
Median	11.5	16.6	13.8	17.3	15.3	17.3	17.8	17.9
\$35,000 to \$49,999	11	6 536	1 619	2 656	38	2 633	4 393	93
Less than 20 percent	11	4 846	1 462	2 058	25	2 040	3 495	50
20 to 24 percent	—	1 118	115	407	8	407	527	43
25 to 29 percent	—	371	14	145	—	145	213	—
30 to 34 percent	—	125	21	42	5	37	95	—
35 percent or more	—	76	7	4	—	4	63	—
Not computed	—	—	—	—	—	—	—	—
Median	10.0	15.7	12.2	15.1	12.7	15.1	15.1	14.6
\$50,000 or more	47	7 676	1 289	2 095	17	2 078	5 474	142
Less than 20 percent	39	6 706	1 209	1 939	17	1 922	4 907	130
20 to 24 percent	—	660	80	76	—	76	436	12
25 to 29 percent	8	179	—	60	—	60	78	—
30 to 34 percent	—	76	—	14	—	14	41	—
35 percent or more	—	34	—	6	—	6	12	—
Not computed	—	21	—	—	—	—	—	—
Median	17.7	12.7	10.2	12.0	10.0	12.0	12.2	13.8
Specified renter-occupied housing units.....	152	13 374	3 540	6 912	96	6 842	12 307	1 658
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	152	13 374	3 540	6 912	96	6 842	12 307	1 658
Less than 10 percent	11	692	187	136	—	136	498	18
10 to 14 percent	26	2 170	594	783	5	783	1 693	172
15 to 19 percent	21	2 451	544	1 207	24	1 189	2 059	174
20 to 24 percent	13	1 784	449	1 171	33	1 149	1 543	167
25 to 29 percent	16	1 328	421	905	6	899	1 407	176
30 to 34 percent	—	1 059	254	653	—	653	801	146
35 to 49 percent	16	1 446	399	800	7	793	1 486	176
50 percent or more	49	2 012	565	1 046	17	1 029	2 322	566
Not computed	—	432	127	211	4	211	498	63
Median	26.6	23.2	24.2	25.3	22.6	25.3	25.4	33.1
Less than \$10,000	59	3 515	1 229	2 082	25	2 057	3 833	900
Less than 20 percent	7	92	8	94	—	94	32	22
20 to 24 percent	—	183	47	185	8	177	125	48
25 to 29 percent	—	270	155	213	—	213	255	90
30 to 34 percent	—	214	116	186	—	186	207	34
35 percent or more	52	2 503	846	1 319	17	1 302	2 843	660
Not computed	—	253	57	85	—	85	371	46
Median	50.0+	50.0+	48.3	49.5	50.0+	49.3	50.0+	50.0+
\$10,000 to \$19,999	22	3 424	966	2 008	25	1 994	3 410	385
Less than 20 percent	—	404	251	233	—	233	479	78
20 to 24 percent	—	532	239	326	18	319	606	61
25 to 29 percent	9	812	215	455	—	455	886	58
30 to 34 percent	—	701	116	408	—	408	518	106
35 percent or more	13	924	118	512	7	505	871	82
Not computed	—	51	27	74	—	74	50	—
Median	36.4	29.6	24.6	29.5	23.5	29.5	28.4	29.6
\$20,000 to \$34,999	38	3 619	968	1 944	35	1 924	3 276	257
Less than 20 percent	18	2 213	716	1 005	18	998	2 082	155
20 to 24 percent	13	954	153	596	7	589	731	58
25 to 29 percent	7	232	51	237	6	231	251	28
30 to 34 percent	—	131	—	59	—	59	70	6
35 percent or more	—	31	—	15	—	15	94	—
Not computed	—	58	32	32	4	32	48	10
Median	20.4	18.5	16.0	19.7	19.0	19.6	18.2	18.2
\$35,000 or more	33	2 816	377	878	11	867	1 788	116
Less than 20 percent	33	2 604	350	794	11	783	1 657	109
20 to 24 percent	—	115	10	64	—	64	81	—
25 to 29 percent	—	14	—	—	—	—	15	—
30 to 34 percent	—	13	6	—	—	—	6	—
35 percent or more	—	—	—	—	—	—	—	—
Not computed	—	70	11	20	—	20	29	7
Median	14.3	13.0	11.7	13.9	17.5	13.9	12.7	13.0

Table 85. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Davenport city—Con.		Des Moines city					Fort Dodge city
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White
Specified owner-occupied housing units.....	287	19 358	40 415	1 982	407	545	40 109	5 815
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	287	19 358	40 415	1 982	407	545	40 109	5 815
Less than 10 percent	31	4 172	7 275	388	69	47	7 255	1 272
10 to 14 percent	57	4 385	7 928	290	21	101	7 882	1 404
15 to 19 percent	90	3 974	8 366	301	130	143	8 300	1 248
20 to 24 percent	36	2 606	6 970	262	75	105	6 883	852
25 to 29 percent	22	1 510	3 564	122	57	28	3 536	424
30 to 34 percent	11	878	2 070	106	20	36	2 052	182
35 to 49 percent	19	937	2 340	238	22	64	2 310	239
50 percent or more	14	798	1 738	265	13	21	1 727	170
Not computed	7	98	164	10	—	—	164	24
Median	17.9	16.4	17.9	20.1	19.4	19.4	17.9	15.9
Less than \$20,000	42	4 571	9 488	775	58	131	9 416	1 797
Less than 20 percent	6	1 339	2 501	111	18	25	2 488	774
20 to 24 percent	—	668	1 527	90	—	31	1 504	319
25 to 29 percent	2	640	1 078	72	11	7	1 071	190
30 to 34 percent	7	394	927	72	5	5	927	99
35 percent or more	20	1 432	3 296	420	24	63	3 267	391
Not computed	7	98	159	10	—	—	159	24
Median	36.8	26.8	28.0	39.8	30.0	32.5	28.0	21.8
\$20,000 to \$34,999	87	5 008	11 760	436	177	157	11 691	1 768
Less than 20 percent	38	2 865	5 954	213	91	69	5 940	1 211
20 to 24 percent	18	988	2 592	85	38	25	2 577	319
25 to 29 percent	14	579	1 629	37	22	21	1 608	158
30 to 34 percent	4	348	948	25	15	25	936	62
35 percent or more	13	228	637	76	11	17	630	18
Not computed	—	—	—	—	—	—	—	—
Median	21.5	17.8	19.8	20.3	19.8	21.9	19.7	16.0
\$35,000 to \$49,999	85	4 358	9 324	304	101	152	9 214	1 321
Less than 20 percent	66	3 473	6 382	213	48	116	6 308	1 054
20 to 24 percent	13	514	2 079	69	37	30	2 049	186
25 to 29 percent	6	213	621	13	16	—	621	60
30 to 34 percent	—	95	142	9	—	6	136	21
35 percent or more	—	63	100	—	—	—	100	—
Not computed	—	—	—	—	—	—	—	—
Median	16.5	15.1	16.8	17.4	20.3	16.2	16.7	13.1
\$50,000 or more	73	5 421	9 843	467	71	105	9 788	929
Less than 20 percent	68	4 854	8 732	442	63	81	8 701	885
20 to 24 percent	5	436	772	18	—	19	753	28
25 to 29 percent	—	78	236	—	8	—	236	16
30 to 34 percent	—	41	53	—	—	—	53	—
35 percent or more	—	12	45	7	—	5	40	—
Not computed	—	—	5	—	—	—	5	—
Median	15.1	12.2	12.2	11.6	10.0	14.6	12.2	10.0
Specified renter-occupied housing units.....	430	12 057	25 862	2 916	671	536	25 508	3 536
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	430	12 057	25 862	2 916	671	536	25 508	3 536
Less than 10 percent	34	491	794	74	32	12	794	178
10 to 14 percent	72	1 634	2 700	288	102	76	2 652	468
15 to 19 percent	46	2 036	4 042	395	96	38	4 030	547
20 to 24 percent	34	1 535	3 756	364	78	64	3 709	546
25 to 29 percent	31	1 385	3 326	282	65	87	3 271	448
30 to 34 percent	52	770	2 212	369	41	78	2 169	255
35 to 49 percent	59	1 458	3 222	300	30	63	3 167	455
50 percent or more	82	2 265	4 920	726	147	100	4 844	531
Not computed	20	483	890	118	80	18	872	108
Median	28.1	25.3	26.8	29.9	24.2	29.0	26.7	24.8
Less than \$10,000	158	3 737	6 907	1 151	226	122	6 807	1 291
Less than 20 percent	—	32	129	34	18	—	129	101
20 to 24 percent	—	125	227	83	—	—	227	58
25 to 29 percent	8	247	614	72	—	21	599	211
30 to 34 percent	24	191	419	121	6	—	419	121
35 percent or more	106	2 786	5 098	731	142	93	5 021	782
Not computed	20	356	420	110	60	8	412	18
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	42.2
\$10,000 to \$19,999	110	3 344	7 212	789	170	188	7 091	1 072
Less than 20 percent	21	458	450	165	35	12	450	270
20 to 24 percent	19	606	1 004	113	31	5	999	261
25 to 29 percent	23	872	1 466	67	28	27	1 451	187
30 to 34 percent	24	503	1 379	149	35	70	1 336	134
35 percent or more	23	855	2 736	295	27	70	2 682	197
Not computed	—	50	177	—	14	4	173	23
Median	28.3	28.3	32.2	31.7	27.1	33.4	32.1	24.9
\$20,000 to \$34,999	98	3 212	7 544	704	191	141	7 460	859
Less than 20 percent	67	2 038	3 272	336	101	52	3 244	563
20 to 24 percent	15	723	2 242	158	47	36	2 217	204
25 to 29 percent	—	251	1 137	124	37	39	1 112	50
30 to 34 percent	4	70	378	86	—	8	378	—
35 percent or more	12	82	308	—	—	—	308	—
Not computed	—	48	207	—	6	—	201	35
Median	17.0	18.2	20.9	20.5	19.2	22.2	20.9	17.4
\$35,000 or more	64	1 764	4 199	272	84	85	4 150	314
Less than 20 percent	64	1 633	3 685	222	76	62	3 653	259
20 to 24 percent	—	81	283	10	—	23	266	23
25 to 29 percent	—	15	109	19	—	—	109	—
30 to 34 percent	—	6	36	13	—	—	36	—
35 percent or more	—	—	—	—	8	—	—	—
Not computed	—	29	86	8	—	—	86	32
Median	10.0	12.7	14.0	13.8	11.4	13.4	14.0	11.8

Table 85. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—
Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Iowa City city			Muscatine city			Sioux City city	
	White	Black	Asian or Pacific Islander	White	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Specified owner-occupied housing units.....	7 801	60	135	5 107	165	5 040	17 588	162
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	7 801	60	135	5 107	165	5 040	17 588	162
Less than 10 percent	1 532	6	15	1 389	50	1 377	3 565	30
10 to 14 percent	1 648	13	35	1 062	16	1 048	4 144	19
15 to 19 percent	1 610	7	21	1 126	37	1 107	3 853	40
20 to 24 percent	1 265	13	29	651	8	646	2 360	22
25 to 29 percent	697	—	20	358	—	358	1 426	27
30 to 34 percent	407	7	7	180	7	176	730	10
35 to 49 percent	413	14	3	173	—	173	797	9
50 percent or more	175	—	5	148	47	135	671	5
Not computed	54	—	—	20	—	20	42	—
Median	17.2	21.5	19.2	15.4	17.2	15.4	16.4	19.0
Less than \$20,000	888	—	10	1 169	54	1 152	5 237	60
Less than 20 percent	160	—	5	504	—	504	1 980	32
20 to 24 percent	121	—	—	162	—	162	807	—
25 to 29 percent	98	—	—	125	—	125	680	14
30 to 34 percent	80	—	—	87	7	83	452	—
35 percent or more	380	—	5	271	47	258	1 276	14
Not computed	49	—	—	20	—	20	42	—
Median	32.5	—	32.5	22.2	50.0+	21.9	23.8	19.7
\$20,000 to \$34,999	1 546	13	28	1 434	48	1 409	5 120	46
Less than 20 percent	730	—	—	911	45	886	3 419	7
20 to 24 percent	203	—	9	272	3	272	807	16
25 to 29 percent	269	—	9	146	—	146	504	13
30 to 34 percent	171	7	7	61	—	61	222	10
35 percent or more	168	6	3	44	—	44	168	—
Not computed	5	—	—	—	—	—	—	—
Median	21.0	34.6	27.8	16.0	16.0	15.9	16.1	25.0
\$35,000 to \$49,999	1 700	14	19	1 242	47	1 217	3 833	39
Less than 20 percent	962	—	6	985	42	965	3 050	33
20 to 24 percent	453	6	4	143	5	138	549	6
25 to 29 percent	179	—	9	83	—	83	182	—
30 to 34 percent	87	—	—	25	—	25	46	—
35 percent or more	19	8	—	6	—	6	6	—
Not computed	—	—	—	—	—	—	—	—
Median	18.5	41.3	24.4	15.1	10.0-	15.2	14.8	10.0-
\$50,000 or more	3 667	33	78	1 262	16	1 262	3 398	17
Less than 20 percent	2 938	26	60	1 177	16	1 177	3 113	17
20 to 24 percent	488	7	16	74	—	74	197	—
25 to 29 percent	151	—	2	4	—	4	60	—
30 to 34 percent	69	—	—	7	—	7	10	—
35 percent or more	21	—	—	—	—	—	18	—
Not computed	—	—	—	—	—	—	—	—
Median	14.1	14.0	15.0	10.8	10.0-	10.8	11.2	11.5
Specified renter-occupied housing units.....	10 623	382	991	2 547	263	2 452	8 915	384
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	10 623	382	991	2 547	263	2 452	8 915	384
Less than 10 percent	275	3	19	94	25	89	1 348	—
10 to 14 percent	797	17	60	423	30	415	1 146	37
15 to 19 percent	1 486	42	99	388	49	368	1 483	45
20 to 24 percent	1 251	50	124	435	14	430	1 287	27
25 to 29 percent	1 157	49	105	267	13	267	1 198	41
30 to 34 percent	867	26	83	174	24	150	818	16
35 to 49 percent	1 439	77	136	230	30	225	892	60
50 percent or more	3 026	99	209	403	71	382	1 386	146
Not computed	325	19	156	133	7	126	357	12
Median	31.1	33.9	30.6	23.5	28.8	23.4	25.1	37.6
Less than \$10,000	3 293	146	411	891	107	852	2 773	177
Less than 20 percent	36	16	—	72	6	66	95	—
20 to 24 percent	82	—	18	117	5	112	164	—
25 to 29 percent	113	12	—	98	—	98	354	5
30 to 34 percent	74	—	—	58	—	58	262	—
35 percent or more	2 784	99	237	487	89	466	1 751	166
Not computed	204	19	156	59	7	52	147	6
Median	50.0+	50.0+	50.0+	40.0	50.0+	39.6	49.4	50.0+
\$10,000 to \$19,999	3 111	130	393	624	75	596	2 797	122
Less than 20 percent	245	—	48	97	33	89	478	16
20 to 24 percent	320	16	68	155	9	155	594	14
25 to 29 percent	517	37	86	112	6	112	623	36
30 to 34 percent	560	9	83	107	15	92	498	16
35 percent or more	1 421	68	108	124	12	119	505	40
Not computed	48	—	—	29	—	29	99	—
Median	34.0	35.5	29.7	27.0	22.5	26.8	27.2	29.3
\$20,000 to \$34,999	2 705	80	152	645	64	624	2 209	78
Less than 20 percent	1 018	35	102	405	48	393	1 375	59
20 to 24 percent	734	19	31	136	—	136	484	13
25 to 29 percent	451	—	19	48	7	48	206	—
30 to 34 percent	212	17	—	9	9	—	58	—
35 percent or more	243	9	—	22	—	22	64	—
Not computed	47	—	—	25	—	25	64	6
Median	22.1	21.3	17.7	17.8	13.8	17.8	18.2	16.9
\$35,000 or more	1 514	26	35	387	17	380	1 136	7
Less than 20 percent	1 259	11	28	331	17	324	1 029	7
20 to 24 percent	115	15	7	27	—	27	45	—
25 to 29 percent	76	—	—	9	—	9	15	—
30 to 34 percent	21	—	—	—	—	—	—	—
35 percent or more	17	—	—	—	—	—	—	—
Not computed	26	—	—	20	—	20	47	—
Median	14.5	20.7	11.7	13.0	15.7	13.1	12.9	12.5

Table 85. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—

Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Sioux City city—Con.					Waterloo city		West Des Moines city
	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	White	
Specified owner-occupied housing units.....	82	74	150	17 510	14 758	1 218	6 822	
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	82	74	150	17 510	14 758	1 218	6 822	
Less than 10 percent	—	21	24	3 554	3 552	221	1 109	
10 to 14 percent	5	17	38	4 106	3 697	212	1 254	
15 to 19 percent	15	11	16	3 853	2 812	160	1 502	
20 to 24 percent	21	6	33	2 348	1 881	140	1 299	
25 to 29 percent	10	6	15	1 421	882	91	738	
30 to 34 percent	—	4	4	726	516	87	415	
35 to 49 percent	26	—	12	797	666	115	308	
50 percent or more	—	—	8	663	656	155	172	
Not computed	5	9	—	42	96	37	25	
Median	24.4	13.4	19.1	16.4	15.1	19.9	18.4	
Less than \$20,000	31	13	50	5 212	4 264	591	678	
Less than 20 percent	—	—	8	1 972	1 567	79	178	
20 to 24 percent	9	—	9	807	549	88	128	
25 to 29 percent	—	—	9	675	496	68	107	
30 to 34 percent	—	4	4	448	353	60	67	
35 percent or more	17	—	20	1 268	1 203	259	182	
Not computed	5	9	—	42	96	37	16	
Median	36.2	32.5	29.4	23.8	24.7	33.5	26.2	
\$20,000 to \$34,999	36	16	48	5 103	4 048	260	941	
Less than 20 percent	5	4	23	3 409	2 838	166	408	
20 to 24 percent	12	6	19	800	725	33	93	
25 to 29 percent	10	6	6	504	255	23	143	
30 to 34 percent	—	—	—	222	138	27	92	
35 percent or more	9	—	—	168	92	11	205	
Not computed	—	—	—	—	—	—	—	
Median	25.5	23.3	20.3	16.1	15.1	15.7	23.4	
\$35,000 to \$49,999	15	17	41	3 808	3 179	181	1 534	
Less than 20 percent	15	17	36	3 030	2 664	170	644	
20 to 24 percent	—	—	5	544	376	11	414	
25 to 29 percent	—	—	—	182	95	—	254	
30 to 34 percent	—	—	—	46	25	—	152	
35 percent or more	—	—	—	6	19	—	70	
Not computed	—	—	—	—	—	—	—	
Median	17.5	12.5	12.9	14.8	13.4	10.8	21.5	
\$50,000 or more	—	28	11	3 387	3 267	186	3 669	
Less than 20 percent	—	28	11	3 102	2 992	178	2 635	
20 to 24 percent	—	—	—	197	231	8	664	
25 to 29 percent	—	—	—	60	36	—	234	
30 to 34 percent	—	—	—	10	—	—	104	
35 percent or more	—	—	—	18	8	—	23	
Not computed	—	—	—	—	—	—	9	
Median	—	10.0	10.0	11.3	10.5	10.0	15.8	
Specified renter-occupied housing units.....	294	198	362	8 813	7 717	1 507	4 703	
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	294	198	362	8 813	7 717	1 507	4 703	
Less than 10 percent	7	36	38	348	409	31	211	
10 to 14 percent	—	23	34	1 141	1 002	120	614	
15 to 19 percent	44	11	64	1 471	1 276	205	971	
20 to 24 percent	36	33	24	1 287	1 137	135	897	
25 to 29 percent	31	—	40	1 191	825	127	555	
30 to 34 percent	48	6	15	803	509	97	363	
35 to 49 percent	31	10	41	877	998	209	465	
50 percent or more	87	53	99	1 338	1 243	492	491	
Not computed	10	26	7	357	318	91	136	
Median	32.5	22.4	27.2	24.9	24.5	34.6	22.7	
Less than \$10,000	150	77	144	2 712	2 499	898	314	
Less than 20 percent	—	—	—	95	64	56	—	
20 to 24 percent	4	—	—	164	143	41	21	
25 to 29 percent	11	—	11	347	224	81	43	
30 to 34 percent	19	—	6	256	160	48	—	
35 percent or more	106	63	120	1 703	1 732	589	227	
Not computed	10	14	7	147	176	83	23	
Median	50.0+	50.0+	50.0+	48.7	49.6	50.0+	50.0+	
\$10,000 to \$19,999	98	19	117	2 767	2 175	309	989	
Less than 20 percent	13	—	53	472	355	61	4	
20 to 24 percent	24	13	6	594	466	74	17	
25 to 29 percent	20	—	29	623	476	15	77	
30 to 34 percent	29	6	9	489	321	39	213	
35 percent or more	12	—	20	490	488	112	649	
Not computed	—	—	—	99	69	8	29	
Median	28.0	23.7	24.6	27.2	27.4	30.1	42.3	
\$20,000 to \$34,999	39	61	70	2 203	1 990	188	1 586	
Less than 20 percent	31	29	52	1 369	1 316	127	311	
20 to 24 percent	8	20	18	484	457	20	632	
25 to 29 percent	—	—	—	206	115	31	403	
30 to 34 percent	—	—	—	58	28	10	131	
35 percent or more	—	—	—	22	17	—	54	
Not computed	—	12	—	64	57	—	55	
Median	18.1	18.0	15.7	18.2	17.8	18.5	23.6	
\$35,000 or more	7	41	31	1 131	1 053	112	1 814	
Less than 20 percent	7	41	31	1 024	952	112	1 481	
20 to 24 percent	—	—	—	45	71	—	227	
25 to 29 percent	—	—	—	15	10	—	32	
30 to 34 percent	—	—	—	—	—	—	19	
35 percent or more	—	—	—	—	—	—	26	
Not computed	—	—	—	47	16	—	29	
Median	10.0	10.0	10.0	12.9	12.1	12.1	16.1	

Table 86. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ames city		Cedar Rapids city		Des Moines city		Iowa City city		Sioux City city	
	All Asian	All Asian	All Asian	Laotian	All Asian	Chinese	American Indian	All Asian		
Occupied housing units -----	1 066	279	1 135	349	1 143	522	376	299		
TENURE										
Owner-occupied housing units -----	161	144	485	152	147	75	82	101		
Renter-occupied housing units -----	905	135	650	197	996	447	294	198		
YEAR STRUCTURE BUILT										
Owner-occupied housing units -----	161	144	485	152	147	75	82	101		
1989 to March 1990 -----	14	—	—	—	—	—	—	—		
1985 to 1988 -----	15	9	16	—	10	1	—	—		
1980 to 1984 -----	—	8	56	37	26	17	—	6		
1970 to 1979 -----	51	51	121	34	81	43	9	36		
1960 to 1969 -----	24	13	72	19	21	8	10	17		
1950 to 1959 -----	27	29	37	—	—	—	4	9		
1940 to 1949 -----	9	—	45	28	—	—	8	11		
1939 or earlier -----	21	34	138	34	9	6	51	22		
Renter-occupied housing units -----	905	135	650	197	996	447	294	198		
1989 to March 1990 -----	13	3	5	—	12	12	—	—		
1985 to 1988 -----	42	—	47	27	49	12	5	—		
1980 to 1984 -----	76	8	24	7	125	61	—	8		
1970 to 1979 -----	198	31	89	40	286	126	69	11		
1960 to 1969 -----	198	35	121	55	229	80	38	17		
1950 to 1959 -----	73	31	72	11	65	39	35	23		
1940 to 1949 -----	210	—	34	7	54	30	27	43		
1939 or earlier -----	95	27	258	50	176	87	120	96		
BEDROOMS										
Owner-occupied housing units -----	161	144	485	152	147	75	82	101		
None -----	—	—	—	—	—	—	—	—		
1 -----	—	—	79	25	10	9	—	6		
2 -----	45	66	118	22	26	17	14	21		
3 -----	53	40	195	38	72	38	31	38		
4 -----	50	38	75	57	27	9	28	36		
5 or more -----	13	—	18	10	12	2	9	—		
Renter-occupied housing units -----	905	135	650	197	996	447	294	198		
None -----	108	20	70	—	224	116	20	—		
1 -----	359	61	207	52	417	177	86	61		
2 -----	370	46	263	103	298	120	114	86		
3 -----	38	8	95	37	23	18	44	51		
4 -----	12	—	15	5	6	—	23	—		
5 or more -----	18	—	—	—	28	16	7	—		
SOURCE OF WATER										
Public system or private company -----	1 066	272	1 135	349	1 143	522	376	299		
Individual drilled well -----	—	7	—	—	—	—	—	—		
Individual dug well -----	—	—	—	—	—	—	—	—		
Some other source -----	—	—	—	—	—	—	—	—		
SEWAGE DISPOSAL										
Public sewer -----	1 055	272	1 107	344	1 143	522	360	282		
Septic tank or cesspool -----	—	7	23	—	—	—	9	—		
Other means -----	11	—	5	5	—	—	7	17		
KITCHEN FACILITIES										
Complete kitchen facilities -----	1 033	271	1 129	349	1 107	492	363	299		
Lacking complete kitchen facilities -----	33	8	6	—	36	30	13	—		
HOUSE HEATING FUEL										
Utility gas -----	909	225	841	221	830	394	315	227		
Bottled, tank, or LP gas -----	14	—	—	—	55	18	—	—		
Electricity -----	136	50	267	120	232	103	43	56		
Fuel oil, kerosene, etc. -----	—	—	—	—	14	7	—	—		
Coal or coke -----	—	—	—	—	—	—	—	16		
Wood -----	—	—	—	—	—	—	—	—		
Solar energy -----	—	—	—	—	—	—	—	—		
Other fuel -----	—	—	—	—	6	—	18	—		
No fuel used -----	7	4	27	8	6	—	—	—		
VEHICLES AVAILABLE										
None -----	174	18	141	42	153	82	119	55		
1 -----	609	60	304	63	764	350	190	141		
2 -----	201	175	391	121	169	59	49	63		
3 -----	66	18	159	45	46	31	18	16		
4 -----	6	—	107	65	11	—	—	24		
5 or more -----	10	8	33	13	—	—	—	—		
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units -----	161	144	485	152	147	75	82	101		
1989 to March 1990 -----	17	28	80	34	25	22	23	25		
1985 to 1988 -----	73	39	184	50	75	32	7	40		
1980 to 1984 -----	11	6	96	37	26	15	12	19		
1970 to 1979 -----	56	66	110	31	21	6	23	6		
1960 to 1969 -----	4	5	7	—	—	—	5	7		
1959 or earlier -----	—	—	8	—	—	—	12	4		
Renter-occupied housing units -----	905	135	650	197	996	447	294	198		
1989 to March 1990 -----	549	76	344	92	652	305	201	95		
1985 to 1988 -----	337	19	265	99	330	136	90	86		
1980 to 1984 -----	19	18	35	—	14	6	—	17		
1970 to 1979 -----	—	22	6	6	—	—	3	—		
1960 to 1969 -----	—	—	—	—	—	—	—	—		
1959 or earlier -----	—	—	—	—	—	—	—	—		
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units -----	161	144	485	152	147	75	82	101		
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	3		
1.01 or more -----	—	—	—	—	—	—	—	3		
Renter-occupied housing units -----	905	135	650	197	996	447	294	198		
Lacking complete plumbing facilities -----	—	8	14	—	23	17	—	—		
1.01 or more -----	—	—	8	—	—	—	—	—		

Table 87. Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ames city	Cedar Rapids city	Des Moines city		Iowa City city		Sioux City city	
	All Asian	All Asian	All Asian	Laotian	All Asian	Chinese	American Indian	All Asian
Occupied housing units -----	1 066	279	1 135	349	1 143	522	376	299
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units -----	20	47	20	12	12	29	16	
Owner occupied -----	10	14	14	12	12	2	6	
1-person households -----	7	7	7	6	6	11	6	
Built 1939 or earlier -----	7	21	6	6	6	11	6	
Mean household income in 1989 (dollars) -----	40 298	20 421	11 992	20 883	20 883	9 070	48 058	
Female householder, no husband present -----	8	13	6	6	6	8	10	
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	
No vehicle available -----	—	—	27	14	7	7	19	
No telephone in unit -----	—	—	—	—	—	—	2	
1-person households -----	—	—	—	—	—	2	—	
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units -----	23	26	25	5	5	13	13	
Married-couple families -----	8	13	18	5	5	9	9	
With own children under 18 years -----	8	8	6	—	—	9	9	
Families with female householder -----	—	—	7	—	—	13	4	
With own children under 18 years -----	—	—	7	—	—	8	4	
Householder worked in 1989 -----	15	13	25	—	—	8	—	
With public assistance income -----	—	—	—	—	—	8	—	
With Social Security income -----	—	5	—	—	—	—	—	
Built 1939 or earlier -----	10	13	6	—	—	13	4	
Lacking complete plumbing facilities -----	—	—	—	—	—	—	—	
No vehicle available -----	—	—	—	—	—	—	—	
No telephone in unit -----	—	—	—	—	—	—	—	
1.01 or more persons per room -----	—	—	11	—	—	—	—	
Renter-occupied housing units -----	423	59	312	80	442	166	169	
Married-couple families -----	168	28	123	59	145	37	39	
With own children under 18 years -----	93	17	96	45	109	13	28	
Families with female householder -----	13	6	25	9	45	15	25	
With own children under 18 years -----	8	6	25	9	15	7	33	
Householder worked in 1989 -----	231	16	202	57	212	81	33	
With public assistance income -----	15	12	55	19	6	—	92	
With Social Security income -----	6	5	26	8	—	—	32	
Built 1939 or earlier -----	56	23	106	18	86	36	49	
Lacking complete plumbing facilities -----	8	8	6	—	17	11	15	
No vehicle available -----	109	9	120	42	90	45	62	
No telephone in unit -----	16	21	67	28	14	5	52	
1.01 or more persons per room -----	94	13	104	42	143	45	18	
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars) -----	13 021	30 341	24 335	28 469	11 752	13 030	13 102	
Owner occupied (dollars) -----	50 600	45 909	33 623	36 818	49 875	30 139	23 056	
Renter occupied (dollars) -----	11 415	27 784	15 514	17 371	10 971	11 792	9 682	
Specified owner-occupied housing units -----	134	123	394	144	130	65	82	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage -----	124	80	335	134	118	53	82	
Less than \$200 -----	—	—	—	—	—	—	—	
\$200 to \$299 -----	—	—	19	8	—	—	—	
\$300 to \$399 -----	—	—	19	—	—	—	22	
\$400 to \$499 -----	—	15	68	20	—	—	17	
\$500 to \$599 -----	14	14	72	29	8	6	24	
\$600 to \$699 -----	20	—	86	61	12	9	10	
\$700 to \$799 -----	23	—	30	—	24	11	—	
\$800 to \$899 -----	11	13	19	11	14	4	9	
\$900 to \$999 -----	5	7	14	5	15	5	6	
\$1,000 to \$1,249 -----	18	17	—	—	18	8	—	
\$1,250 to \$1,499 -----	22	5	8	—	20	10	—	
\$1,500 to \$1,999 -----	11	9	—	—	7	—	—	
\$2,000 or more -----	—	—	—	—	—	—	—	
Median (dollars) -----	836	880	586	610	906	825	554	
Mean (dollars) -----	979	919	598	592	960	898	520	
Not mortgaged -----	10	43	59	10	12	12	21	
Less than \$100 -----	—	—	—	—	—	—	—	
\$100 to \$199 -----	10	32	16	—	—	—	—	
\$200 to \$299 -----	—	11	36	10	5	5	17	
\$300 to \$399 -----	—	—	7	—	7	7	4	
\$400 to \$499 -----	—	—	—	—	—	—	—	
\$500 or more -----	—	—	—	—	—	—	—	
Median (dollars) -----	175	179	238	275	357	357	254	
Mean (dollars) -----	185	183	233	256	294	294	268	
Specified renter-occupied housing units -----	899	135	650	197	991	442	294	
GROSS RENT								
Less than \$100 -----	7	3	5	—	—	—	—	
\$100 to \$149 -----	36	—	32	18	18	6	9	
\$150 to \$199 -----	144	8	32	—	103	73	44	
\$200 to \$249 -----	38	6	63	16	111	83	43	
\$250 to \$299 -----	193	8	90	37	160	98	48	
\$300 to \$349 -----	131	17	133	48	189	51	30	
\$350 to \$399 -----	130	29	53	10	146	30	17	
\$400 to \$449 -----	49	18	107	33	90	39	12	
\$450 to \$499 -----	84	4	51	13	54	19	24	
\$500 to \$549 -----	32	8	15	—	26	8	—	
\$550 to \$599 -----	23	11	22	16	20	9	7	
\$600 to \$649 -----	29	—	10	—	10	—	5	
\$650 to \$699 -----	—	—	9	—	24	13	7	
\$700 to \$749 -----	—	—	—	—	6	7	—	
\$750 to \$999 -----	—	2	—	—	7	7	—	
\$1,000 or more -----	3	7	8	—	13	6	—	
No cash rent -----	—	14	20	6	14	—	10	
Median (dollars) -----	310	374	339	338	318	283	291	
Mean (dollars) -----	328	457	362	340	349	323	313	

Table 88. Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ames city	Cedar Rapids city	Des Moines city		Iowa City city		Sioux City city	
	All Asian	All Asian	All Asian	Laotian	All Asian	Chinese	American Indian	All Asian
Specified owner-occupied housing units-----	134	123	394	144	130	65	82	74
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels-----	134	123	394	144	130	65	82	74
Less than 10 percent-----	7	13	63	23	15	7	5	21
10 to 14 percent-----	40	29	21	11	35	16	5	17
15 to 19 percent-----	19	44	130	42	21	—	15	11
20 to 24 percent-----	12	16	68	39	24	18	21	6
25 to 29 percent-----	—	—	57	16	20	9	10	6
30 to 34 percent-----	28	—	20	13	7	7	—	4
35 to 49 percent-----	28	5	22	—	3	3	26	—
50 percent or more-----	—	8	13	—	5	5	—	—
Not computed-----	—	8	—	—	—	—	5	9
Median-----	20.4	16.8	19.3	19.5	18.6	22.6	24.4	13.4
Less than \$20,000-----	17	30	58	5	10	10	31	13
Less than 20 percent-----	—	9	18	—	5	5	—	—
20 to 24 percent-----	—	—	—	—	—	—	9	—
25 to 29 percent-----	—	—	11	—	—	—	—	—
30 to 34 percent-----	—	—	5	5	—	—	—	4
35 percent or more-----	17	13	24	—	5	5	17	—
Not computed-----	—	8	—	—	—	—	5	9
Median-----	39.2	37.0	30.0	32.5	32.5	32.5	36.2	32.5
\$20,000 to \$34,999-----	8	15	170	55	28	26	36	16
Less than 20 percent-----	—	15	91	30	—	—	5	4
20 to 24 percent-----	—	—	31	17	9	7	12	6
25 to 29 percent-----	—	—	22	—	9	9	10	6
30 to 34 percent-----	8	—	15	8	7	7	—	—
35 percent or more-----	—	—	11	—	3	3	9	—
Not computed-----	—	—	—	—	—	—	—	—
Median-----	32.5	10.3	19.6	19.4	27.8	28.3	25.5	23.3
\$35,000 to \$49,999-----	26	36	95	66	19	6	15	17
Less than 20 percent-----	11	29	42	28	6	6	15	17
20 to 24 percent-----	9	7	37	22	4	—	—	—
25 to 29 percent-----	—	—	16	16	9	—	—	—
30 to 34 percent-----	6	—	—	—	—	—	—	—
35 percent or more-----	—	—	—	—	—	—	—	—
Not computed-----	—	—	—	—	—	—	—	—
Median-----	21.1	14.0	20.7	21.1	24.4	12.5	17.5	12.5
\$50,000 or more-----	83	42	71	18	73	23	—	28
Less than 20 percent-----	55	33	63	18	60	12	—	28
20 to 24 percent-----	3	9	—	—	11	11	—	—
25 to 29 percent-----	—	—	8	—	2	—	—	—
30 to 34 percent-----	14	—	—	—	—	—	—	—
35 percent or more-----	11	—	—	—	—	—	—	—
Not computed-----	—	—	—	—	—	—	—	—
Median-----	14.3	17.8	10.0-	10.0-	14.5	14.5	—	10.0
Specified renter-occupied housing units-----	899	135	650	197	991	442	294	198
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels-----	899	135	650	197	991	442	294	198
Less than 10 percent-----	43	8	32	—	19	7	7	36
10 to 14 percent-----	83	43	102	37	60	44	—	23
15 to 19 percent-----	105	4	96	48	99	59	44	11
20 to 24 percent-----	115	—	57	20	124	86	36	33
25 to 29 percent-----	90	—	65	22	105	39	31	—
30 to 34 percent-----	50	3	41	15	83	25	48	6
35 to 49 percent-----	107	15	30	—	136	43	31	10
50 percent or more-----	172	31	147	40	209	84	87	53
Not computed-----	134	31	80	15	156	55	10	26
Median-----	27.0	16.3	24.8	21.5	30.6	24.9	32.5	22.4
Less than \$10,000-----	378	57	226	62	411	159	150	77
Less than 20 percent-----	—	—	18	18	—	—	—	—
20 to 24 percent-----	15	—	—	—	18	12	4	—
25 to 29 percent-----	7	—	—	—	—	—	11	—
30 to 34 percent-----	13	3	6	—	—	—	19	—
35 percent or more-----	209	37	142	35	237	92	106	63
Not computed-----	134	17	60	9	156	55	10	14
Median-----	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999-----	255	—	170	44	393	195	98	19
Less than 20 percent-----	50	—	35	—	48	39	13	—
20 to 24 percent-----	47	—	31	20	68	61	24	13
25 to 29 percent-----	70	—	28	4	86	35	20	—
30 to 34 percent-----	21	—	35	15	83	25	29	6
35 percent or more-----	67	—	27	5	108	35	12	—
Not computed-----	—	—	14	—	—	—	—	—
Median-----	27.2	—	27.1	27.5	29.7	24.8	28.0	23.7
\$20,000 to \$34,999-----	204	42	170	84	152	81	39	61
Less than 20 percent-----	119	26	101	60	102	71	31	29
20 to 24 percent-----	53	—	26	—	31	6	8	20
25 to 29 percent-----	13	—	37	18	19	4	—	—
30 to 34 percent-----	16	—	—	—	—	—	—	—
35 percent or more-----	3	2	—	—	—	—	—	—
Not computed-----	—	14	6	6	—	—	—	12
Median-----	18.7	13.2	18.2	15.4	17.7	14.4	18.1	18.0
\$35,000 or more-----	62	36	84	7	35	7	7	41
Less than 20 percent-----	62	29	76	7	28	7	7	41
20 to 24 percent-----	—	—	—	—	7	—	—	—
25 to 29 percent-----	—	—	—	—	—	—	—	—
30 to 34 percent-----	—	—	—	—	—	—	—	—
35 percent or more-----	—	7	8	—	—	—	—	—
Not computed-----	—	—	—	—	—	—	—	—
Median-----	10.8	12.4	11.4	17.5	11.7	22.5	10.0-	10.0-

Table 89. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Council Bluffs city	Davenport city	Des Moines city	Muscatine city	Sioux City city
	Mexican	Mexican	Mexican	Mexican	Mexican
Occupied housing units -----	268	671	919	402	449
TENURE					
Owner-occupied housing units -----	184	306	533	176	129
Renter-occupied housing units -----	84	365	386	226	320
YEAR STRUCTURE BUILT					
Owner-occupied housing units -----	184	306	533	176	129
1989 to March 1990 -----	—	—	5	—	—
1985 to 1988 -----	15	—	—	—	—
1980 to 1984 -----	6	14	9	4	7
1970 to 1979 -----	11	26	70	26	11
1960 to 1969 -----	27	51	70	25	—
1950 to 1959 -----	39	44	119	37	17
1940 to 1949 -----	21	18	90	18	4
1939 or earlier -----	65	153	170	66	90
Renter-occupied housing units -----	84	365	386	226	320
1989 to March 1990 -----	—	—	6	—	—
1985 to 1988 -----	7	—	9	—	—
1980 to 1984 -----	—	31	36	21	20
1970 to 1979 -----	29	60	158	31	37
1960 to 1969 -----	5	38	39	17	—
1950 to 1959 -----	—	36	16	16	35
1940 to 1949 -----	6	16	21	6	32
1939 or earlier -----	37	184	101	135	196
BEDROOMS					
Owner-occupied housing units -----	184	306	533	176	129
None -----	6	—	—	—	—
1 -----	11	2	21	15	—
2 -----	73	36	158	38	54
3 -----	67	200	261	77	23
4 -----	27	68	88	44	48
5 or more -----	—	—	5	2	4
Renter-occupied housing units -----	84	365	386	226	320
None -----	—	12	—	8	23
1 -----	30	88	156	91	152
2 -----	30	150	137	78	116
3 -----	13	79	69	32	21
4 -----	11	29	16	15	8
5 or more -----	—	7	8	2	—
SOURCE OF WATER					
Public system or private company -----	264	666	919	402	449
Individual drilled well -----	4	5	—	—	—
Individual dug well -----	—	—	—	—	—
Some other source -----	—	—	—	—	—
SEWAGE DISPOSAL					
Public sewer -----	264	666	895	386	444
Septic tank or cesspool -----	4	5	24	16	—
Other means -----	—	—	—	—	5
KITCHEN FACILITIES					
Complete kitchen facilities -----	268	664	904	402	449
Lacking complete kitchen facilities -----	—	7	15	—	—
HOUSE HEATING FUEL					
Utility gas -----	248	584	735	315	426
Bottled, tank, or LP gas -----	6	—	17	13	—
Electricity -----	14	63	160	64	7
Fuel oil, kerosene, etc. -----	—	7	—	—	—
Coal or coke -----	—	—	—	—	—
Wood -----	—	8	—	—	—
Solar energy -----	—	—	—	—	—
Other fuel -----	—	9	7	—	4
No fuel used -----	—	—	—	10	12
VEHICLES AVAILABLE					
None -----	40	90	108	77	58
1 -----	84	275	328	101	221
2 -----	73	187	339	121	97
3 -----	59	101	102	64	41
4 -----	—	13	35	9	32
5 or more -----	12	5	7	30	—
YEAR HOUSEHOLDER MOVED INTO UNIT					
Owner-occupied housing units -----	184	306	533	176	129
1989 to March 1990 -----	43	23	75	27	20
1985 to 1988 -----	36	87	152	39	19
1980 to 1984 -----	23	27	56	60	24
1970 to 1979 -----	24	84	156	33	39
1960 to 1969 -----	17	61	46	17	8
1959 or earlier -----	41	24	48	—	19
Renter-occupied housing units -----	84	365	386	226	320
1989 to March 1990 -----	44	241	246	109	236
1985 to 1988 -----	34	77	134	88	63
1980 to 1984 -----	6	7	6	22	21
1970 to 1979 -----	—	33	—	—	—
1960 to 1969 -----	—	—	—	7	—
1959 or earlier -----	—	7	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM					
Owner-occupied housing units -----	184	306	533	176	129
Lacking complete plumbing facilities -----	—	2	9	—	—
1.01 or more -----	—	2	—	—	—
Renter-occupied housing units -----	84	365	386	226	320
Lacking complete plumbing facilities -----	—	—	—	—	—
1.01 or more -----	—	—	—	—	—

Table 90. Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Council Bluffs city	Davenport city	Des Moines city	Muscatine city	Sioux City city
	Mexican	Mexican	Mexican	Mexican	Mexican
Occupied housing units -----	268	671	919	402	449
HOUSEHOLDER 65 YEARS AND OVER					
Occupied housing units -----	46	88	109	14	22
Owner occupied -----	46	57	68	—	18
1-person households -----	29	15	66	14	4
Built 1939 or earlier -----	17	44	57	14	18
Mean household income in 1989 (dollars) -----	16 223	19 814	16 784	2 172	16 455
Female householder, no husband present -----	30	36	35	—	4
Lacking complete plumbing facilities -----	—	2	—	—	—
No vehicle available -----	29	29	35	14	4
No telephone in unit -----	—	13	21	14	—
1-person households -----	—	—	12	14	—
HOUSEHOLDS BELOW POVERTY LEVEL					
Owner-occupied housing units -----	6	36	27	37	20
Married-couple families -----	6	7	17	26	8
With own children under 18 years -----	6	—	10	11	8
Families with female householder -----	—	15	4	—	8
With own children under 18 years -----	—	8	4	—	8
Householder worked in 1989 -----	6	23	4	19	16
With public assistance income -----	—	—	6	15	12
With Social Security income -----	—	6	7	—	4
Built 1939 or earlier -----	6	14	23	2	12
Lacking complete plumbing facilities -----	—	—	—	—	—
No vehicle available -----	—	7	6	—	4
No telephone in unit -----	—	8	6	—	—
1.01 or more persons per room -----	—	—	—	4	—
Renter-occupied housing units -----	29	101	93	111	108
Married-couple families -----	—	12	—	59	16
With own children under 18 years -----	—	12	—	52	16
Families with female householder -----	29	55	43	29	51
With own children under 18 years -----	29	48	43	29	51
Householder worked in 1989 -----	6	28	51	75	72
With public assistance income -----	29	45	23	58	34
With Social Security income -----	—	32	19	23	8
Built 1939 or earlier -----	13	42	12	86	70
Lacking complete plumbing facilities -----	—	—	—	—	—
No vehicle available -----	11	44	31	50	5
No telephone in unit -----	12	28	25	64	51
1.01 or more persons per room -----	—	—	9	33	31
MEDIAN HOUSEHOLD INCOME IN 1989					
Occupied housing units (dollars) -----	21 522	25 077	28 250	19 500	16 732
Owner occupied (dollars) -----	27 000	33 750	34 291	31 250	21 339
Renter occupied (dollars) -----	18 750	14 727	15 987	13 152	14 250
Specified owner-occupied housing units -----	181	263	481	146	122
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
With a mortgage -----	119	204	383	105	97
Less than \$200 -----	—	—	—	—	—
\$200 to \$299 -----	12	—	13	13	—
\$300 to \$399 -----	14	26	33	20	26
\$400 to \$499 -----	37	49	71	36	22
\$500 to \$599 -----	19	44	72	9	36
\$600 to \$699 -----	4	24	106	7	—
\$700 to \$799 -----	29	—	25	15	13
\$800 to \$899 -----	—	27	16	—	—
\$900 to \$999 -----	4	9	12	5	—
\$1,000 to \$1,249 -----	—	18	30	—	—
\$1,250 to \$1,499 -----	—	7	—	—	—
\$1,500 to \$1,999 -----	—	—	5	—	—
\$2,000 or more -----	—	—	—	—	—
Median (dollars) -----	492	565	602	464	501
Mean (dollars) -----	523	647	626	495	500
Not mortgaged -----	62	59	98	41	25
Less than \$100 -----	—	—	—	—	—
\$100 to \$199 -----	32	25	39	35	25
\$200 to \$299 -----	25	20	34	6	—
\$300 to \$399 -----	5	14	19	—	—
\$400 to \$499 -----	—	—	6	—	—
\$500 or more -----	—	—	—	—	—
Median (dollars) -----	198	211	215	170	170
Mean (dollars) -----	207	223	235	162	155
Specified renter-occupied housing units -----	84	365	386	226	320
GROSS RENT					
Less than \$100 -----	—	—	—	18	—
\$100 to \$149 -----	11	15	28	6	—
\$150 to \$199 -----	—	8	14	45	44
\$200 to \$249 -----	—	58	25	43	72
\$250 to \$299 -----	11	53	26	17	91
\$300 to \$349 -----	18	89	25	32	36
\$350 to \$399 -----	27	41	78	12	31
\$400 to \$449 -----	—	55	57	11	9
\$450 to \$499 -----	6	34	34	24	18
\$500 to \$549 -----	11	7	13	2	14
\$550 to \$599 -----	—	5	17	9	5
\$600 to \$649 -----	—	—	20	—	—
\$650 to \$699 -----	—	—	15	7	—
\$700 to \$749 -----	—	—	5	—	—
\$750 to \$999 -----	—	—	25	—	—
\$1,000 or more -----	—	—	—	—	—
No cash rent -----	—	—	4	—	—
Median (dollars) -----	357	334	397	253	271
Mean (dollars) -----	348	332	414	296	294

DETAILED HOUSING CHARACTERISTICS

Table 91. Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Council Bluffs city	Davenport city	Des Moines city	Muscatine city	Sioux City city
	Mexican	Mexican	Mexican	Mexican	Mexican
Specified owner-occupied housing units-----	181	263	481	146	122
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
All income levels-----	181	263	481	146	122
Less than 10 percent-----	25	31	42	50	13
10 to 14 percent-----	43	57	79	16	28
15 to 19 percent-----	12	72	134	30	16
20 to 24 percent-----	14	30	83	8	26
25 to 29 percent-----	46	22	28	—	15
30 to 34 percent-----	—	11	36	7	4
35 to 49 percent-----	19	19	58	—	12
50 percent or more-----	22	14	21	35	8
Not computed-----	—	7	—	—	—
Median-----	23.8	17.8	19.5	16.2	20.8
Less than \$20,000-----	75	42	125	42	50
Less than 20 percent-----	5	6	25	—	8
20 to 24 percent-----	—	—	31	—	9
25 to 29 percent-----	33	2	7	—	9
30 to 34 percent-----	—	7	5	7	4
35 percent or more-----	37	20	57	35	20
Not computed-----	—	7	—	—	—
Median-----	29.9	36.8	29.6	50.0+	29.4
\$20,000 to \$34,999-----	61	87	143	41	31
Less than 20 percent-----	38	38	65	38	13
20 to 24 percent-----	6	18	15	3	12
25 to 29 percent-----	13	14	21	—	6
30 to 34 percent-----	—	4	25	—	—
35 percent or more-----	4	13	17	—	—
Not computed-----	—	—	—	—	—
Median-----	15.3	21.5	22.2	15.4	21.0
\$35,000 to \$49,999-----	33	70	126	47	41
Less than 20 percent-----	25	57	90	42	36
20 to 24 percent-----	8	7	30	5	5
25 to 29 percent-----	—	6	—	—	—
30 to 34 percent-----	—	—	6	—	—
35 percent or more-----	—	—	—	—	—
Not computed-----	—	—	—	—	—
Median-----	11.7	15.6	16.9	10.0-	12.9
\$50,000 or more-----	12	64	87	16	—
Less than 20 percent-----	12	59	75	16	—
20 to 24 percent-----	—	5	7	—	—
25 to 29 percent-----	—	—	—	—	—
30 to 34 percent-----	—	—	—	—	—
35 percent or more-----	—	—	5	—	—
Not computed-----	—	—	—	—	—
Median-----	10.0-	14.2	14.1	10.0-	—
Specified renter-occupied housing units-----	84	365	386	226	320
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
All income levels-----	84	365	386	226	320
Less than 10 percent-----	—	34	12	25	38
10 to 14 percent-----	5	72	55	30	34
15 to 19 percent-----	24	34	33	49	64
20 to 24 percent-----	25	18	46	14	18
25 to 29 percent-----	6	31	74	6	40
30 to 34 percent-----	—	48	49	17	6
35 to 49 percent-----	7	47	47	30	25
50 percent or more-----	17	72	66	48	88
Not computed-----	—	9	4	7	7
Median-----	22.6	28.2	28.0	22.0	25.3
Less than \$10,000-----	17	137	91	84	127
Less than 20 percent-----	—	—	—	6	—
20 to 24 percent-----	—	—	—	5	—
25 to 29 percent-----	—	8	21	—	11
30 to 34 percent-----	—	24	—	—	6
35 percent or more-----	17	96	70	66	103
Not computed-----	—	9	—	7	7
Median-----	50.0+	50.0+	50.0+	50.0+	50.0+
\$10,000 to \$19,999-----	25	95	130	68	92
Less than 20 percent-----	—	15	12	33	53
20 to 24 percent-----	18	10	—	9	—
25 to 29 percent-----	—	23	22	6	29
30 to 34 percent-----	—	24	49	8	—
35 percent or more-----	7	23	43	12	10
Not computed-----	—	—	4	—	—
Median-----	23.5	29.9	33.0	20.6	19.2
\$20,000 to \$34,999-----	31	69	93	57	70
Less than 20 percent-----	18	61	39	48	52
20 to 24 percent-----	7	8	23	—	18
25 to 29 percent-----	6	—	31	—	—
30 to 34 percent-----	—	—	—	9	—
35 percent or more-----	—	—	—	—	—
Not computed-----	—	—	—	—	—
Median-----	19.0	14.7	21.6	12.7	15.7
\$35,000 or more-----	11	64	72	17	31
Less than 20 percent-----	11	64	49	17	31
20 to 24 percent-----	—	—	23	—	—
25 to 29 percent-----	—	—	—	—	—
30 to 34 percent-----	—	—	—	—	—
35 percent or more-----	—	—	—	—	—
Not computed-----	—	—	—	—	—
Median-----	17.5	10.0-	13.8	15.7	10.0-

Table 92. Structural, Social, and Financial Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Belle Plaine city									
	Adel city	Albia city	Algona city	Altoona city	Anamosa city	Atlantic city	Audubon city	Belle Plaine city	Belmond city	Bloomfield city
Occupied housing units -----	1 252	1 596	2 426	2 510	1 540	3 127	1 076	1 200	1 079	1 108
TENURE										
Owner-occupied housing units -----	877	1 109	1 699	1 698	1 050	2 154	861	873	777	792
Renter-occupied housing units -----	375	487	727	812	490	973	215	327	302	316
YEAR STRUCTURE BUILT										
1989 to March 1990 -----	47	35	13	99	6	6	—	—	5	—
1980 to 1988 -----	147	152	284	520	141	329	47	78	130	87
1960 to 1979 -----	522	451	812	1 498	578	980	280	350	448	339
1940 to 1959 -----	113	250	631	283	308	720	276	123	274	256
1939 or earlier -----	423	708	686	110	507	1 092	473	649	222	426
HOUSE HEATING FUEL										
Utility gas -----	1 044	1 335	2 170	1 499	1 334	2 716	1 005	887	878	834
Bottled, tank, or LP gas -----	12	39	19	24	23	53	11	14	2	73
Electricity -----	175	173	168	915	117	298	51	192	186	144
Fuel oil, kerosene, etc. -----	8	6	33	—	35	16	2	57	—	26
All other fuels -----	5	43	36	64	25	38	7	50	13	24
No fuel used -----	8	—	—	8	6	6	—	—	—	7
VEHICLES AVAILABLE										
None -----	48	216	180	40	91	293	104	115	75	101
1 -----	416	620	936	717	628	1 187	384	460	432	522
2 -----	497	535	909	1 243	562	1 212	438	410	451	394
3 or more -----	291	225	401	510	259	435	150	215	121	91
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990 -----	258	308	385	662	275	621	133	148	168	179
1985 to 1988 -----	346	377	575	750	424	763	225	292	232	318
1980 to 1984 -----	219	207	422	415	179	488	146	178	238	137
1970 to 1979 -----	227	314	577	423	360	626	266	312	255	236
1969 or earlier -----	202	390	467	260	302	629	306	270	186	248
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities -----	1 252	1 590	2 395	2 510	1 540	3 119	1 071	1 182	1 077	1 098
1.01 or more -----	13	31	24	54	29	20	—	27	5	17
Lacking complete plumbing facilities -----	—	6	31	—	—	8	5	18	2	10
1.01 or more -----	—	—	—	—	—	—	—	—	—	—
SELECTED FACILITIES										
Water from public system or private company -----	1 245	1 596	2 398	2 510	1 540	3 120	1 071	1 200	1 065	1 108
Public sewer -----	1 221	1 557	2 403	2 480	1 533	3 060	1 057	1 165	1 054	1 061
Lacking complete kitchen facilities -----	—	—	—	—	—	19	—	16	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units -----	88	312	327	125	153	328	148	169	127	209
Renter occupied -----	36	214	193	84	96	199	54	58	87	110
Built 1939 or earlier -----	38	98	89	9	47	134	64	79	12	53
Lacking complete plumbing facilities -----	—	6	8	—	—	—	—	14	—	10
No vehicle available -----	10	85	95	8	30	83	46	42	31	57
No telephone in unit -----	30	69	62	6	22	56	13	30	16	36
1.01 or more persons per room -----	10	26	7	17	10	—	—	—	2	9
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	28 072	18 638	22 973	34 250	24 579	21 980	20 164	21 447	23 443	17 250
Owner occupied (dollars) -----	35 087	22 653	27 490	40 984	29 265	25 872	22 266	25 710	28 209	21 000
Renter occupied (dollars) -----	20 212	10 528	13 790	24 542	18 542	15 954	13 717	14 750	11 774	11 786
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	767	938	1 551	1 601	885	1 781	777	813	703	721
With a mortgage -----	498	409	858	1 309	437	821	292	379	382	319
Less than \$200 -----	—	11	7	—	—	7	13	8	7	7
\$200 to \$299 -----	—	32	97	14	18	69	47	50	11	69
\$300 to \$399 -----	78	95	197	108	141	166	78	125	97	62
\$400 to \$499 -----	49	137	204	132	134	167	73	85	94	70
\$500 to \$599 -----	92	39	183	156	40	207	43	39	76	32
\$600 to \$699 -----	64	62	67	273	41	71	13	40	44	50
\$700 to \$999 -----	180	23	103	511	54	101	25	32	43	19
\$1,000 to \$1,999 -----	35	10	—	115	9	33	—	—	10	10
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
Median (dollars) -----	645	443	459	692	434	501	410	406	482	437
Not mortgaged -----	269	529	693	292	448	960	485	434	321	402
Median (dollars) -----	237	180	183	243	183	164	182	176	194	180
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	767	938	1 551	1 601	885	1 781	777	813	703	721
With a mortgage -----	498	409	858	1 309	437	821	292	379	382	319
Median -----	19.8	19.1	18.6	20.2	14.8	18.8	18.6	17.8	19.2	21.3
Not mortgaged -----	269	529	693	292	448	960	485	434	321	402
Median -----	13.6	13.0	10.4	10.4	10.0—	11.0	12.6	14.0	11.8	14.0
GROSS RENT										
Specified renter-occupied housing units -----	375	487	727	812	490	960	212	327	302	316
Less than \$100 -----	—	28	50	8	—	39	12	31	11	5
\$100 to \$199 -----	28	95	165	24	81	159	33	83	66	111
\$200 to \$299 -----	61	151	145	55	217	311	75	83	122	54
\$300 to \$399 -----	167	132	285	148	111	246	66	56	67	123
\$400 to \$499 -----	41	40	65	384	39	120	9	39	20	4
\$500 to \$599 -----	40	5	5	124	11	33	—	12	2	4
\$600 to \$749 -----	30	—	4	39	—	6	2	—	—	—
\$750 to \$999 -----	—	—	—	—	—	—	—	—	—	—
\$1,000 or more -----	—	5	—	—	—	—	—	—	—	—
No cash rent -----	8	31	8	30	31	46	15	23	12	15
Median (dollars) -----	361	270	300	436	264	279	268	232	252	270
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	375	487	727	812	490	960	212	327	302	316
Less than 20 percent -----	132	161	268	341	228	407	80	151	105	108
20 to 24 percent -----	54	35	98	135	69	119	35	46	34	35
25 to 29 percent -----	52	54	102	86	46	125	24	50	51	69
30 to 34 percent -----	44	42	47	50	11	45	10	20	41	21
35 percent or more -----	85	159	204	170	93	218	48	31	55	68
Not computed -----	8	36	8	30	43	46	15	29	16	15
Median -----	24.8	27.7	24.7	21.9	19.8	22.1	22.6	19.7	25.4	25.5

DETAILED HOUSING CHARACTERISTICS

TIPSII [UPF] GH219 CENSUS90 71580800 07/28/93 10:48 AM MACHINE: C DATA:CENSUS90*H2TIPSDA19. 07/15/93 18:56:55 TAPE: NONE FRAME: 199 TSF:CENSUS90*92. 07/27/93 12:04:24 UTF:CENSUS90*93. 07/27/93 12:04:24 META:CENSUS90*H2TABLES19. 07/27/93 12:24:38

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Camaranche city	Carlisle city	Carroll city	Carter Lake city	Centerville city	Chariton city	Charles City city	Cherokee city	Clarinda city	Clarion city
Occupied housing units	1 693	1 193	3 664	1 110	2 547	2 023	3 303	2 469	1 998	1 171
TENURE										
Owner-occupied housing units	1 286	901	2 582	942	1 633	1 363	2 248	1 674	1 399	860
Renter-occupied housing units	407	292	1 082	168	914	660	1 055	795	599	311
YEAR STRUCTURE BUILT										
1989 to March 1990	—	30	47	—	10	24	15	—	17	5
1989 to 1988	134	108	413	102	172	150	67	91	162	55
1980 to 1979	1 064	760	1 448	531	983	804	1 203	803	651	337
1940 to 1959	345	200	908	367	377	225	1 068	612	375	290
1939 or earlier	150	95	848	110	1 005	820	950	963	793	484
HOUSE HEATING FUEL										
Utility gas	1 239	1 066	3 161	1 018	2 075	1 634	2 911	2 203	1 711	1 021
Bottled, tank, or LP gas	115	18	48	—	63	21	19	69	34	11
Electricity	239	103	376	52	296	291	270	164	221	129
Fuel oil, kerosene, etc.	59	—	12	31	12	31	46	8	13	—
All other fuels	41	6	41	9	81	31	57	15	19	5
No fuel used	—	—	26	—	20	15	—	10	—	5
VEHICLES AVAILABLE										
None	51	86	304	5	363	287	277	261	223	91
1	537	330	1 267	269	1 066	709	1 228	895	714	452
2	786	559	1 511	630	815	655	1 237	910	775	483
3 or more	319	218	582	206	303	372	561	403	286	145
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	315	247	727	170	560	459	655	467	353	172
1985 to 1988	376	322	845	232	557	411	825	603	508	243
1980 to 1984	202	190	547	202	382	250	439	267	271	162
1970 to 1979	400	251	819	220	584	460	603	455	420	331
1969 or earlier	400	183	726	286	464	443	781	677	446	263
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 666	1 193	3 657	1 110	2 533	2 018	3 295	2 469	1 998	1 171
1.01 or more	17	13	36	27	53	5	38	26	19	—
Lacking complete plumbing facilities	27	—	7	—	14	5	8	—	—	—
1.01 or more	—	—	—	—	—	—	—	—	—	—
SELECTED FACILITIES										
Water from public system or private company	1 445	1 193	3 664	1 110	2 547	2 023	3 296	2 459	1 986	1 171
Public sewer	1 540	1 188	3 632	1 096	2 470	1 960	3 289	2 406	1 957	1 164
Lacking complete kitchen facilities	—	—	22	7	14	11	—	10	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	149	128	372	107	645	325	584	312	324	157
Renter occupied	92	81	272	67	398	210	393	191	229	77
Built 1939 or earlier	19	—	68	10	242	115	209	117	120	54
Lacking complete plumbing facilities	—	—	—	—	6	—	—	—	—	—
No vehicle available	30	42	98	5	186	129	180	82	155	45
No telephone in unit	6	3	34	19	154	60	90	34	40	27
1.01 or more persons per room	—	7	16	5	41	—	—	—	19	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	28 070	32 598	25 517	25 865	14 453	19 315	20 897	21 687	22 266	23 705
Owner occupied (dollars)	32 568	36 710	30 984	27 138	18 761	24 263	25 776	27 127	26 802	27 018
Renter occupied (dollars)	17 330	17 885	14 006	19 706	8 885	12 210	11 571	14 693	14 659	11 625
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	1 061	711	2 342	730	1 457	1 184	2 137	1 583	1 240	799
With a mortgage	654	502	1 347	484	548	517	971	655	518	380
Less than \$200	—	—	—	10	17	15	19	11	10	7
\$200 to \$299	57	12	70	63	63	45	101	76	30	39
\$300 to \$399	96	67	203	90	153	180	265	215	138	111
\$400 to \$499	163	66	361	85	113	109	230	144	99	95
\$500 to \$599	131	94	241	125	92	55	131	64	126	38
\$600 to \$699	110	78	209	36	72	42	99	38	56	51
\$700 to \$999	79	158	190	47	33	64	101	96	48	36
\$1,000 to \$1,999	18	27	44	28	5	7	21	11	11	3
\$2,000 or more	—	—	29	—	—	—	4	—	—	—
Median (dollars)	508	611	511	493	437	413	438	416	469	422
Not mortgaged	407	209	995	246	909	667	1 166	928	722	419
Median (dollars)	186	230	195	211	158	178	179	174	197	199
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	1 061	711	2 342	730	1 457	1 184	2 137	1 583	1 240	799
With a mortgage	654	502	1 347	484	548	517	971	655	518	380
Median	15.9	17.5	18.8	19.0	20.1	17.4	18.5	18.0	17.5	17.6
Not mortgaged	407	209	995	246	909	667	1 166	928	722	419
Median	10.0—	10.0—	12.5	13.8	13.2	12.2	11.7	11.2	11.3	10.2
GROSS RENT										
Specified renter-occupied housing units	397	292	1 074	168	904	652	1 055	788	599	311
Less than \$100	12	16	31	—	41	46	79	49	43	—
\$100 to \$199	9	41	171	—	228	204	252	197	161	49
\$200 to \$299	158	67	352	5	324	189	331	288	142	118
\$300 to \$399	167	82	309	39	113	162	253	172	145	88
\$400 to \$499	45	46	145	50	133	13	59	47	54	39
\$500 to \$599	6	21	16	29	17	19	11	9	6	4
\$600 to \$749	—	10	25	26	8	—	15	—	12	—
\$750 to \$999	—	4	4	—	4	—	—	—	—	—
\$1,000 or more	—	—	—	—	—	—	—	—	—	—
No cash rent	—	5	21	19	36	19	55	26	36	13
Median (dollars)	324	336	293	469	249	255	255	242	242	287
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	397	292	1 074	168	904	652	1 055	788	599	311
Less than 20 percent	211	105	433	45	208	289	406	384	247	99
20 to 24 percent	48	53	163	15	145	84	141	122	63	25
25 to 29 percent	39	39	109	19	124	62	92	80	111	26
30 to 34 percent	10	30	61	19	60	64	79	16	40	40
35 percent or more	89	60	287	51	308	134	282	154	102	101
Not computed	—	5	21	19	59	19	55	32	36	20
Median	19.3	23.6	22.9	28.8	27.8	21.6	23.3	19.8	22.7	29.1

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Clear Lake city	Clive city	Cresco city	Creston city	Decorah city	Denison city	De Witt city	Dyersville city	Eagle Grove city	Eldora city
Occupied housing units -----	3 402	2 810	1 556	3 348	2 702	2 570	1 821	1 428	1 509	1 183
TENURE										
Owner-occupied housing units -----	2 421	1 781	1 194	2 137	1 677	1 659	1 267	1 123	1 078	858
Renter-occupied housing units -----	981	1 029	362	1 211	1 025	911	554	305	431	325
YEAR STRUCTURE BUILT										
1989 to March 1990 -----	15	63	26	—	54	38	5	8	—	17
1980 to 1988 -----	434	658	90	206	331	308	194	171	76	70
1960 to 1979 -----	1 239	1 836	431	1 223	762	1 089	764	562	343	362
1940 to 1959 -----	895	193	351	619	420	376	425	304	426	206
1939 or earlier -----	819	60	658	1 300	1 135	759	433	383	664	528
HOUSE HEATING FUEL										
Utility gas -----	3 043	2 213	1 327	2 910	2 045	1 816	1 326	1 193	1 371	973
Bottled, tank, or LP gas -----	12	16	6	30	121	59	—	31	12	15
Electricity -----	347	522	75	337	380	624	326	117	111	123
Fuel oil, kerosene, etc. -----	—	9	128	15	68	50	117	54	—	22
All other fuels -----	—	50	20	56	77	21	43	33	15	38
No fuel used -----	—	—	—	—	11	—	9	—	—	12
VEHICLES AVAILABLE										
None -----	140	52	98	434	229	225	144	52	160	95
1 -----	1 387	690	668	1 162	1 102	1 027	642	540	528	506
2 -----	1 321	1 543	560	1 123	1 016	902	712	600	593	422
3 or more -----	554	525	230	629	355	416	323	236	228	160
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990 -----	736	737	248	673	641	546	401	199	260	190
1985 to 1988 -----	888	1 065	348	800	608	722	359	349	349	265
1980 to 1984 -----	484	436	300	444	340	313	255	162	193	124
1970 to 1979 -----	674	412	289	792	541	584	434	405	299	266
1969 or earlier -----	620	160	371	639	572	405	372	313	408	338
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities -----	3 385	2 786	1 553	3 334	2 691	2 570	1 813	1 428	1 503	1 183
1.01 or more -----	36	30	21	39	32	25	41	—	14	7
Lacking complete plumbing facilities -----	17	24	3	14	11	—	8	—	6	—
1.01 or more -----	—	—	—	—	—	—	—	—	—	—
SELECTED FACILITIES										
Water from public system or private company -----	3 271	2 789	1 534	3 348	2 672	2 570	1 769	1 388	1 494	1 167
Public sewer -----	3 228	2 789	1 533	3 276	2 663	2 490	1 769	1 380	1 483	1 142
Lacking complete kitchen facilities -----	13	8	—	22	31	—	—	—	13	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units -----	285	83	252	558	358	336	197	127	222	151
Renter occupied -----	158	70	123	430	258	194	149	44	112	76
Built 1939 or earlier -----	65	7	108	203	185	84	45	22	99	63
Lacking complete plumbing facilities -----	—	—	—	7	5	—	—	—	—	—
No vehicle available -----	19	18	51	203	72	69	62	24	77	64
No telephone in unit -----	44	—	17	135	41	10	13	—	71	16
1.01 or more persons per room -----	—	—	—	15	10	—	—	—	—	7
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	26 693	46 198	21 726	20 081	26 111	21 719	24 506	26 802	21 711	22 788
Owner occupied (dollars) -----	30 396	61 175	24 057	25 783	33 340	25 359	32 383	31 949	24 282	24 921
Renter occupied (dollars) -----	19 476	26 576	12 656	10 768	15 978	17 817	13 542	17 452	12 402	17 930
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	2 003	1 604	1 108	1 863	1 494	1 448	1 177	971	953	727
With a mortgage -----	1 291	1 408	480	836	827	849	649	493	348	363
Less than \$200 -----	—	—	13	16	—	—	6	—	6	—
\$200 to \$299 -----	49	10	75	118	10	52	19	49	64	34
\$300 to \$399 -----	139	60	89	203	58	258	62	27	110	90
\$400 to \$499 -----	295	25	103	187	227	167	98	148	80	68
\$500 to \$599 -----	268	91	94	103	96	151	184	65	34	87
\$600 to \$699 -----	189	102	27	50	153	108	112	105	32	47
\$700 to \$999 -----	228	391	74	128	231	62	153	80	22	37
\$1,000 to \$1,999 -----	113	688	5	31	52	51	15	19	—	—
\$2,000 or more -----	10	41	—	—	—	—	—	—	—	—
Median (dollars) -----	568	1 018	456	430	614	472	550	558	391	482
Not mortgaged -----	712	196	628	1 027	667	599	528	478	605	364
Median (dollars) -----	211	283	178	185	214	179	244	191	194	189
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	2 003	1 604	1 108	1 863	1 494	1 448	1 177	971	953	727
With a mortgage -----	1 291	1 408	480	836	827	849	649	493	348	363
Median -----	21.1	18.5	19.4	16.8	18.5	18.4	17.7	18.6	17.2	18.2
Not mortgaged -----	712	196	628	1 027	667	599	528	478	605	364
Median -----	13.9	10.3	11.5	12.5	11.4	11.8	15.1	10.4	11.6	13.5
GROSS RENT										
Specified renter-occupied housing units -----	974	1 029	362	1 211	1 025	911	554	300	427	325
Less than \$100 -----	19	—	—	39	17	50	24	4	12	—
\$100 to \$199 -----	80	—	101	242	147	121	108	46	46	50
\$200 to \$299 -----	258	—	125	326	351	348	111	97	125	80
\$300 to \$399 -----	334	83	80	386	300	234	144	95	178	86
\$400 to \$499 -----	138	599	22	129	91	120	100	49	40	50
\$500 to \$599 -----	75	173	—	33	64	8	39	—	7	45
\$600 to \$749 -----	22	90	—	—	5	6	18	—	3	—
\$750 to \$999 -----	5	68	—	—	12	—	—	—	—	—
\$1,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	43	16	34	56	38	24	10	9	16	14
Median (dollars) -----	329	470	241	292	293	280	318	298	308	322
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	974	1 029	362	1 211	1 025	911	554	300	427	325
Less than 20 percent -----	428	365	144	400	458	438	206	162	159	121
20 to 24 percent -----	119	299	43	142	107	172	93	45	53	60
25 to 29 percent -----	136	120	35	168	104	75	32	16	40	46
30 to 34 percent -----	52	79	6	100	43	65	54	7	26	20
35 percent or more -----	175	142	100	327	264	129	159	61	133	59
Not computed -----	64	24	34	74	49	32	10	9	16	19
Median -----	21.1	22.3	22.3	25.8	21.4	20.0	23.5	18.8	24.4	22.7

DETAILED HOUSING CHARACTERISTICS

IOWA 201

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Eldridge city	Emmetsburg city	Estherville city	Evansdale city	Fairfield city	Forest City city	Garner city	Glenwood city	Grimes city	Grinnell city
Occupied housing units	1 147	1 590	2 683	1 700	3 854	1 613	1 151	1 731	981	3 300
TENURE										
Owner-occupied housing units	823	1 087	1 901	1 221	2 293	1 152	865	1 176	715	2 145
Renter-occupied housing units	324	503	782	479	1 561	461	286	555	266	1 155
YEAR STRUCTURE BUILT										
1989 to March 1990	9	5	5	—	27	24	34	85	41	65
1980 to 1988	248	98	97	119	609	123	99	87	234	371
1960 to 1979	714	660	776	654	842	779	449	886	494	1 096
1940 to 1959	102	426	1 019	819	741	315	297	195	101	551
1939 or earlier	74	401	786	108	1 635	372	272	478	111	1 217
HOUSE HEATING FUEL										
Utility gas	998	1 309	2 480	1 278	3 336	1 459	1 026	1 421	713	2 560
Bottled, tank, or LP gas	49	14	63	12	25	71	8	25	8	29
Electricity	100	206	107	278	441	61	101	240	256	545
Fuel oil, kerosene, etc.	—	30	7	62	9	5	—	—	4	90
All other fuels	—	25	21	61	36	17	16	45	—	36
No fuel used	—	6	5	9	7	—	—	—	—	40
VEHICLES AVAILABLE										
None	24	143	187	144	387	90	63	150	29	284
1	280	593	1 024	554	1 567	614	375	637	261	1 217
2	541	712	1 027	553	1 347	627	524	641	528	1 170
3 or more	302	142	445	449	553	282	189	303	163	629
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	245	312	562	297	843	310	263	334	210	614
1985 to 1988	341	445	602	300	1 309	391	340	457	420	1 029
1980 to 1984	186	122	348	200	469	317	141	249	160	423
1970 to 1979	253	301	548	474	598	318	206	439	121	722
1969 or earlier	122	410	623	429	635	277	201	252	70	512
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 147	1 585	2 674	1 699	3 854	1 613	1 151	1 726	981	3 300
1.01 or more	21	34	47	39	54	7	—	17	—	34
Lacking complete plumbing facilities	—	5	9	1	—	—	—	5	—	—
1.01 or more	—	—	—	—	—	—	—	—	—	—
SELECTED FACILITIES										
Water from public system or private company	1 026	1 570	2 661	1 662	3 836	1 532	1 143	1 731	977	3 262
Public sewer	963	1 554	2 630	1 661	3 815	1 474	1 141	1 680	973	3 212
Lacking complete kitchen facilities	—	—	—	—	12	5	—	11	—	14
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	67	248	452	305	683	130	71	147	37	372
Renter occupied	45	208	299	192	456	85	59	107	23	248
Built 1939 or earlier	7	40	106	15	298	9	—	63	—	154
Lacking complete plumbing facilities	—	5	—	—	—	—	—	—	—	—
No vehicle available	8	31	88	58	150	22	23	42	8	140
No telephone in unit	12	60	103	54	83	17	19	39	—	65
1.01 or more persons per room	—	7	6	—	26	—	—	4	—	16
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	35 793	21 563	20 343	22 602	19 835	22 371	26 843	26 302	34 201	25 925
Owner occupied (dollars)	40 133	27 539	24 206	26 795	26 726	26 500	28 716	33 000	39 057	32 643
Renter occupied (dollars)	20 417	11 312	11 641	11 901	13 831	15 386	21 696	16 372	16 143	18 865
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	722	961	1 717	1 177	1 744	1 013	745	1 092	617	1 849
With a mortgage	590	388	747	618	975	542	450	743	550	1 134
Less than \$200	—	—	23	—	17	—	—	—	—	—
\$200 to \$299	8	31	107	71	62	22	26	43	6	39
\$300 to \$399	73	102	261	131	93	97	69	128	37	122
\$400 to \$499	81	102	177	182	171	118	109	180	78	236
\$500 to \$599	61	74	108	96	218	153	75	113	122	214
\$600 to \$699	97	30	39	74	122	60	73	108	106	157
\$700 to \$999	201	47	25	56	217	92	86	137	194	329
\$1,000 to \$1,999	69	5	7	8	67	—	12	34	7	37
\$2,000 or more	—	—	—	—	8	—	—	—	—	—
Median (dollars)	666	460	391	449	571	522	516	515	632	575
Not mortgaged	132	573	970	559	769	471	295	349	67	715
Median (dollars)	228	174	161	192	228	179	240	211	206	219
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	722	961	1 717	1 177	1 744	1 013	745	1 092	617	1 849
With a mortgage	590	388	747	618	975	542	450	743	550	1 134
Median	20.4	18.6	17.4	16.6	19.7	18.4	20.8	17.6	21.6	19.8
Not mortgaged	132	573	970	559	769	471	295	349	67	715
Median	10.0	10.0	10.6	12.2	14.2	11.1	13.9	12.4	11.8	11.1
GROSS RENT										
Specified renter-occupied housing units	316	493	775	467	1 555	461	286	555	262	1 155
Less than \$100	—	38	28	22	13	10	13	5	—	52
\$100 to \$199	7	68	195	86	245	62	15	107	28	149
\$200 to \$299	34	234	292	81	324	163	60	122	21	305
\$300 to \$399	160	118	179	200	326	149	153	177	79	296
\$400 to \$499	56	26	39	53	311	53	32	72	104	189
\$500 to \$599	34	—	5	25	109	—	5	21	6	79
\$600 to \$749	21	—	6	—	48	—	—	29	—	39
\$750 to \$999	—	—	8	—	36	—	—	—	—	4
\$1,000 or more	—	—	—	—	6	—	—	—	—	5
No cash rent	4	9	23	—	137	24	8	22	—	37
Median (dollars)	379	252	242	311	333	290	317	317	404	319
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	316	493	775	467	1 555	461	286	555	262	1 155
Less than 20 percent	139	159	268	102	424	183	145	187	91	518
20 to 24 percent	42	75	102	107	230	60	55	88	38	143
25 to 29 percent	8	14	88	61	128	55	20	97	22	117
30 to 34 percent	34	26	39	47	102	38	10	48	37	72
35 percent or more	89	201	250	150	518	101	48	113	74	251
Not computed	4	18	28	—	153	24	8	22	—	54
Median	22.0	26.3	25.2	27.0	26.8	23.0	19.6	24.5	25.5	21.1

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Hampton city	Harlan city	Hiawatha city	Humboldt city	Independence city	Iowa Falls city	Jefferson city	Johnston city	Knoxville city	Le Claire city
Occupied housing units -----	1 752	2 109	2 124	1 894	2 356	2 168	1 861	1 801	3 201	1 004
TENURE										
Owner-occupied housing units -----	1 219	1 557	1 304	1 332	1 680	1 509	1 378	1 147	2 152	763
Renter-occupied housing units -----	533	552	820	562	676	659	483	654	1 049	241
YEAR STRUCTURE BUILT										
1989 to March 1990 -----	7	5	41	17	14	6	10	121	59	—
1980 to 1988 -----	30	92	326	117	130	165	170	850	342	79
1960 to 1979 -----	473	855	1 439	694	803	712	510	511	1 265	529
1940 to 1959 -----	459	518	308	570	490	613	402	211	643	212
1939 or earlier -----	783	639	10	496	919	672	769	108	892	184
HOUSE HEATING FUEL										
Utility gas -----	1 342	1 654	1 757	1 574	2 155	1 810	1 648	1 396	2 895	906
Bottled, tank, or LP gas -----	59	32	16	22	18	55	6	91	15	6
Electricity -----	138	343	188	261	156	242	142	279	246	50
Fuel oil, kerosene, etc. -----	182	22	18	16	22	43	—	13	8	28
All other fuels -----	31	40	112	17	5	15	65	14	37	14
No fuel used -----	—	18	33	4	—	3	—	8	—	—
VEHICLES AVAILABLE										
None -----	161	152	39	114	207	181	223	82	308	32
1 -----	7	708	763	818	906	803	640	494	1 206	262
2 -----	696	917	882	729	834	829	729	900	1 194	460
3 or more -----	193	332	440	233	409	355	269	325	493	250
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990 -----	382	351	553	272	369	398	354	482	599	158
1985 to 1988 -----	380	532	693	465	592	462	422	684	867	227
1980 to 1984 -----	220	274	285	284	326	272	260	191	535	166
1970 to 1979 -----	399	513	401	423	606	467	431	201	622	234
1969 or earlier -----	371	439	192	450	463	569	394	243	578	219
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities -----	1 732	2 109	2 124	1 888	2 356	2 168	1 861	1 791	3 201	998
1.01 or more -----	—	—	31	26	18	13	13	30	36	14
Lacking complete plumbing facilities -----	20	—	—	6	—	—	—	10	—	6
1.01 or more -----	12	—	—	—	—	—	—	—	—	—
SELECTED FACILITIES										
Water from public system or private company -----	1 696	2 095	2 060	1 847	2 307	2 091	1 846	1 725	3 201	789
Public sewer -----	1 716	2 095	2 093	1 848	2 295	2 099	1 804	990	3 133	944
Lacking complete kitchen facilities -----	9	—	10	—	4	—	6	36	16	13
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units -----	269	190	186	157	414	286	242	91	545	119
Renter occupied -----	143	118	150	96	288	181	127	63	370	53
Built 1939 or earlier -----	117	52	—	56	155	125	90	8	160	36
Lacking complete plumbing facilities -----	20	—	—	—	—	—	—	—	—	6
No vehicle available -----	75	51	—	57	96	64	59	12	179	18
No telephone in unit -----	49	27	—	—	63	46	25	8	137	7
1.01 or more persons per room -----	12	—	14	14	18	12	9	8	15	7
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	22 015	21 758	28 059	23 764	20 724	22 220	22 284	42 132	24 850	32 500
Owner occupied (dollars) -----	25 599	25 158	32 952	28 941	27 500	27 419	26 885	51 634	28 870	36 636
Renter occupied (dollars) -----	12 266	14 364	23 093	15 642	8 590	13 125	11 937	25 789	11 578	16 875
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	1 157	1 358	654	1 172	1 477	1 350	1 229	1 053	1 800	697
With a mortgage -----	547	618	509	512	706	672	592	812	975	480
Less than \$200 -----	—	6	—	—	—	—	6	—	7	—
\$200 to \$299 -----	66	68	21	35	64	37	73	—	55	16
\$300 to \$399 -----	155	187	77	119	146	192	104	28	176	38
\$400 to \$499 -----	151	85	57	113	189	183	171	34	128	108
\$500 to \$599 -----	74	95	164	86	140	127	69	46	228	85
\$600 to \$699 -----	48	29	99	61	115	62	52	61	159	77
\$700 to \$999 -----	53	102	72	86	46	54	101	287	184	119
\$1,000 to \$1,999 -----	—	46	19	12	6	17	16	346	30	37
\$2,000 or more -----	—	—	—	—	—	—	—	10	8	—
Median (dollars) -----	439	461	539	487	471	452	468	969	548	590
Not mortgaged -----	610	740	145	660	771	678	637	241	825	217
Median (dollars) -----	180	198	202	199	173	212	184	248	180	231
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	1 157	1 358	654	1 172	1 477	1 350	1 229	1 053	1 800	697
With a mortgage -----	547	618	509	512	706	672	592	812	975	480
Median -----	17.0	19.6	16.4	17.9	16.3	17.6	17.8	19.9	18.8	19.8
Not mortgaged -----	610	740	145	660	771	678	637	241	825	217
Median -----	13.9	11.9	10.0	11.7	10.0	13.2	12.3	11.6	11.2	13.0
GROSS RENT										
Specified renter-occupied housing units -----	533	552	820	556	676	659	483	654	1 027	241
Less than \$100 -----	11	8	—	—	40	—	22	—	9	—
\$100 to \$199 -----	102	103	—	100	98	116	120	—	219	30
\$200 to \$299 -----	196	194	94	236	234	215	116	8	257	61
\$300 to \$399 -----	131	123	505	143	189	171	117	85	250	86
\$400 to \$499 -----	67	29	178	52	64	103	41	57	171	45
\$500 to \$599 -----	12	32	14	25	23	23	21	221	42	7
\$600 to \$749 -----	—	9	20	—	—	—	13	219	25	—
\$750 to \$999 -----	—	10	—	—	—	—	—	28	7	6
\$1,000 or more -----	—	—	—	—	—	—	—	20	—	—
No cash rent -----	14	44	9	—	28	31	33	16	47	6
Median (dollars) -----	268	275	363	274	286	291	276	573	302	329
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	533	552	820	556	676	659	483	654	1 027	241
Less than 20 percent -----	207	148	392	222	196	226	184	153	309	88
20 to 24 percent -----	72	91	135	97	109	105	72	141	82	38
25 to 29 percent -----	51	109	81	88	33	64	62	55	112	28
30 to 34 percent -----	35	25	29	23	50	51	17	118	91	22
35 percent or more -----	154	135	135	119	248	164	171	171	386	59
Not computed -----	14	44	48	7	40	49	33	16	47	6
Median -----	23.6	25.7	19.8	22.7	27.0	23.8	22.8	27.3	29.4	23.9

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Le Mars city	Manchester city	Maquoketa city	Missouri Valley city	Monticello city	Mount Pleasant city	Mount Vernon city	Nevada city	New Hampton city	North Liberty city
Occupied housing units	3 158	1 992	2 568	1 157	1 456	2 905	997	2 440	1 463	1 147
TENURE										
Owner-occupied housing units	2 244	1 407	1 698	827	1 036	1 950	727	1 675	1 082	796
Renter-occupied housing units	914	585	870	330	420	955	270	765	381	351
YEAR STRUCTURE BUILT										
1989 to March 1990	74	14	7	—	23	30	10	10	6	—
1980 to 1988	428	220	327	40	88	445	79	320	98	363
1960 to 1979	955	706	805	311	611	1 103	277	1 095	491	694
1940 to 1959	691	390	592	174	236	527	106	545	230	13
1939 or earlier	1 010	662	837	632	498	800	525	470	638	77
HOUSE HEATING FUEL										
Utility gas	2 702	1 739	1 963	948	1 151	2 396	805	2 120	1 305	968
Bottled, tank, or LP gas	55	43	13	7	76	39	22	21	37	24
Electricity	362	103	318	52	183	377	81	257	73	155
Fuel oil, kerosene, etc.	6	38	221	89	26	29	78	13	24	—
All other fuels	33	58	53	50	20	52	11	25	24	—
No fuel used	—	11	—	11	—	12	—	4	—	—
VEHICLES AVAILABLE										
None	252	162	356	149	149	257	68	164	142	14
1	1 052	649	1 000	325	477	1 137	272	879	523	408
2	1 410	852	988	436	606	1 116	456	954	637	488
3 or more	444	329	224	247	224	395	201	443	161	237
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	564	363	473	188	215	602	165	554	243	202
1985 to 1988	796	521	617	329	318	803	324	591	264	502
1980 to 1984	479	245	362	169	216	414	154	409	206	215
1970 to 1979	667	466	610	184	333	533	151	477	336	191
1969 or earlier	652	397	506	287	374	553	203	409	414	37
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	3 138	1 992	2 551	1 149	1 456	2 898	990	2 440	1 463	1 147
1.01 or more	17	30	39	6	5	14	—	16	6	44
Lacking complete plumbing facilities	20	—	17	8	—	7	7	—	—	—
1.01 or more	5	—	—	—	—	—	—	—	—	—
SELECTED FACILITIES										
Water from public system or private company	3 114	1 903	2 557	1 142	1 384	2 886	967	2 422	1 444	1 008
Public sewer	3 109	1 906	2 551	1 091	1 398	2 852	910	2 411	1 456	1 080
Lacking complete kitchen facilities	18	27	7	7	—	26	7	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	386	310	442	226	210	308	67	213	198	116
Renter occupied	183	189	226	133	93	225	53	152	97	65
Built 1939 or earlier	168	117	110	113	70	74	34	30	133	30
Lacking complete plumbing facilities	—	—	—	8	—	—	—	—	—	—
No vehicle available	106	105	147	83	78	106	19	40	50	—
No telephone in unit	6	36	94	35	34	45	9	14	24	35
1.01 or more persons per room	—	—	15	—	—	14	—	5	—	9
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	26 115	25 679	19 132	22 229	20 132	24 053	32 888	25 603	22 832	26 843
Owner occupied (dollars)	30 335	28 801	22 564	30 650	22 262	28 889	39 432	30 323	26 159	31 250
Renter occupied (dollars)	16 957	16 250	13 300	9 816	16 029	15 191	17 400	18 504	15 850	19 776
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	1 971	1 221	1 335	773	882	1 721	579	1 334	1 004	518
With a mortgage	980	596	538	348	339	989	431	799	407	399
Less than \$200	12	7	18	—	—	—	—	6	5	—
\$200 to \$299	39	62	30	14	33	61	7	16	25	17
\$300 to \$399	121	108	144	63	63	134	44	80	110	16
\$400 to \$499	276	152	140	79	92	216	22	122	118	58
\$500 to \$599	162	135	95	70	52	230	99	248	69	71
\$600 to \$699	180	35	50	62	27	155	55	105	27	71
\$700 to \$999	158	84	50	52	67	145	174	172	40	153
\$1,000 to \$1,999	32	13	11	8	5	48	30	45	13	13
\$2,000 or more	—	—	—	—	—	—	—	5	—	—
Median (dollars)	525	477	451	524	478	530	681	571	471	645
Not mortgaged	991	625	797	425	543	732	148	535	597	119
Median (dollars)	199	203	185	189	199	201	227	252	177	232
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	1 971	1 221	1 335	773	882	1 721	579	1 334	1 004	518
With a mortgage	980	596	538	348	339	989	431	799	407	399
Median	18.5	18.7	18.7	18.3	18.8	19.2	20.2	20.7	18.9	22.3
Not mortgaged	991	625	797	425	543	732	148	535	597	119
Median	11.4	11.4	11.7	12.7	13.9	13.5	10.3	14.0	12.1	16.3
GROSS RENT										
Specified renter-occupied housing units	914	585	870	330	420	951	269	765	381	351
Less than \$100	53	5	13	6	—	29	10	—	14	—
\$100 to \$199	127	156	235	72	80	128	9	63	75	15
\$200 to \$299	263	117	236	100	158	287	38	222	191	62
\$300 to \$399	239	192	219	72	134	239	144	213	71	77
\$400 to \$499	145	81	102	37	18	141	31	175	7	145
\$500 to \$599	35	8	30	22	10	50	9	53	—	43
\$600 to \$749	16	—	—	—	7	20	—	9	—	—
\$750 to \$999	11	—	—	—	—	7	19	9	—	—
\$1,000 or more	—	—	—	—	—	—	—	—	—	—
No cash rent	25	26	35	21	13	50	9	21	23	9
Median (dollars)	301	301	272	282	286	305	353	328	261	406
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	914	585	870	330	420	951	269	765	381	351
Less than 20 percent	363	271	339	74	220	350	64	283	188	143
20 to 24 percent	147	73	129	60	41	153	61	154	40	49
25 to 29 percent	116	49	108	31	28	126	52	88	41	49
30 to 34 percent	80	21	58	12	27	44	22	38	34	—
35 percent or more	176	145	201	120	91	211	61	181	55	90
Not computed	32	26	35	33	13	67	9	21	23	20
Median	22.7	20.6	23.0	27.3	19.1	23.0	25.5	22.9	19.4	22.3

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Norwalk city	Oelwein city	Onawa city	Orange City city	Osage city	Osceola city	Pella city	Perry city	Pleasant Hill city
Occupied housing units	1 858	2 656	1 269	1 539	1 508	1 839	3 098	2 700	1 305
TENURE									
Owner-occupied housing units	1 505	1 960	924	1 195	1 171	1 244	2 182	1 762	1 004
Renter-occupied housing units	353	696	345	344	337	595	916	938	301
YEAR STRUCTURE BUILT									
1989 to March 1990	67	16	9	37	—	17	19	7	26
1980 to 1988	486	70	45	118	89	162	504	158	217
1960 to 1979	976	673	455	642	439	781	1 296	802	928
1940 to 1959	231	539	254	340	371	268	555	501	109
1939 or earlier	98	1 358	506	402	609	611	724	1 232	25
HOUSE HEATING FUEL									
Utility gas	1 384	2 428	1 031	1 252	1 311	1 414	2 820	2 399	970
Bottled, tank, or LP gas	21	45	27	7	38	21	21	34	29
Electricity	381	116	107	232	60	337	209	227	306
Fuel oil, kerosene, etc.	34	43	76	24	87	45	—	—	—
All other fuels	30	17	28	11	12	22	39	40	—
No fuel used	8	7	—	13	—	—	9	—	—
VEHICLES AVAILABLE									
None	21	323	159	65	91	191	166	266	31
1	530	967	444	562	680	696	930	997	344
2	859	1 021	416	684	549	608	1 488	965	608
3 or more	448	345	250	228	188	344	514	472	322
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	330	461	211	286	226	319	568	559	231
1985 to 1988	589	636	335	388	357	511	818	738	376
1980 to 1984	308	299	154	253	211	261	530	405	196
1970 to 1979	459	562	282	345	252	415	668	459	325
1969 or earlier	172	698	287	267	462	333	514	539	177
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	1 851	2 647	1 263	1 539	1 493	1 839	3 090	2 700	1 305
1.01 or more	25	14	15	—	6	24	30	22	—
Lacking complete plumbing facilities	7	9	6	—	15	—	8	—	—
1.01 or more	—	—	—	—	—	—	—	—	—
SELECTED FACILITIES									
Water from public system or private company	1 846	2 646	1 264	1 539	1 502	1 828	3 068	2 694	1 305
Public sewer	1 819	2 625	1 257	1 526	1 468	1 712	2 984	2 684	1 258
Lacking complete kitchen facilities	13	—	6	7	19	17	5	15	—
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	82	488	224	127	154	278	250	372	30
Renter occupied	41	246	128	88	67	181	150	234	—
Built 1939 or earlier	6	285	81	32	72	138	40	185	—
Lacking complete plumbing facilities	—	9	—	—	—	—	—	—	—
No vehicle available	14	159	78	26	36	58	63	117	—
No telephone in unit	—	79	37	5	16	57	40	49	—
1.01 or more persons per room	—	5	—	—	6	18	14	—	—
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	37 226	19 645	18 609	27 263	22 230	19 149	30 779	21 960	39 886
Owner occupied (dollars)	40 591	22 373	21 806	30 870	24 418	21 596	35 479	25 698	43 772
Renter occupied (dollars)	19 979	11 918	9 694	17 054	14 602	13 259	19 507	16 292	30 274
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	1 410	1 890	826	1 024	1 051	1 040	1 910	1 586	824
With a mortgage	1 208	822	358	547	469	468	1 076	843	644
Less than \$200	4	41	12	—	12	—	—	6	—
\$200 to \$299	8	261	87	32	106	51	32	59	9
\$300 to \$399	55	159	101	81	114	130	149	156	60
\$400 to \$499	199	193	52	96	93	96	245	203	69
\$500 to \$599	194	78	59	130	96	68	194	186	38
\$600 to \$699	210	21	24	69	34	41	157	117	112
\$700 to \$999	427	57	23	96	14	78	219	80	294
\$1,000 to \$1,999	111	12	—	43	—	4	80	36	62
\$2,000 or more	—	—	—	—	—	—	—	—	—
Median (dollars)	672	348	373	562	403	468	564	498	725
Not mortgaged	202	1 068	468	477	582	572	834	743	180
Median (dollars)	262	160	159	184	162	191	205	200	267
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	1 410	1 890	826	1 024	1 051	1 040	1 910	1 586	824
With a mortgage	1 208	822	358	547	469	468	1 076	843	644
Median	20.6	16.4	19.2	18.8	16.8	18.4	18.3	18.4	18.8
Not mortgaged	202	1 068	468	477	582	572	834	743	180
Median	10.8	12.0	13.3	10.0	11.3	13.4	10.0	14.3	11.8
GROSS RENT									
Specified renter-occupied housing units	353	691	345	344	337	590	890	933	301
Less than \$100	—	27	—	24	7	21	12	23	—
\$100 to \$199	45	143	128	50	107	105	133	108	—
\$200 to \$299	45	152	93	121	125	190	158	289	—
\$300 to \$399	76	272	93	88	73	159	290	310	68
\$400 to \$499	90	61	6	36	—	61	165	115	168
\$500 to \$599	45	5	—	10	—	25	75	28	39
\$600 to \$749	47	—	—	—	6	—	5	24	8
\$750 to \$999	5	—	—	—	—	7	16	—	10
\$1,000 or more	—	—	—	—	—	—	—	—	—
No cash rent	—	31	25	15	19	22	36	36	8
Median (dollars)	412	301	231	284	236	279	353	308	436
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	353	691	345	344	337	590	890	933	301
Less than 20 percent	116	243	106	148	149	212	396	290	158
20 to 24 percent	94	97	38	53	45	82	113	202	56
25 to 29 percent	52	102	20	45	22	67	138	142	31
30 to 34 percent	27	34	66	18	45	38	33	42	10
35 percent or more	64	178	73	65	51	158	174	209	38
Not computed	—	37	42	15	25	33	36	48	8
Median	23.2	24.3	26.9	21.6	20.8	24.1	21.4	23.8	19.3

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Red Oak city	Rock Rapids city	Rock Valley city	Saylorville CDP	Sergeant Bluff city	Sheldon city	Shenandoah city	Sibley city	Sioux Center city
Occupied housing units	2 716	1 068	960	1 003	888	1 904	2 370	1 132	1 575
TENURE									
Owner-occupied housing units	1 883	793	757	908	564	1 356	1 573	866	1 199
Renter-occupied housing units	833	275	203	95	324	548	797	266	376
YEAR STRUCTURE BUILT									
1989 to March 1990	15	—	29	—	13	22	—	7	30
1980 to 1988	149	56	93	61	158	196	183	109	122
1960 to 1979	862	348	366	636	300	709	683	337	863
1940 to 1959	493	303	195	195	249	419	544	284	274
1939 or earlier	1 197	361	277	111	168	558	960	395	286
HOUSE HEATING FUEL									
Utility gas	2 354	896	764	761	733	1 524	2 094	908	1 170
Bottled, tank, or LP gas	39	14	6	148	72	80	36	8	24
Electricity	242	113	145	72	73	269	194	126	294
Fuel oil, kerosene, etc.	13	33	31	13	—	31	6	72	73
All other fuels	65	6	14	9	—	—	27	18	14
No fuel used	3	6	—	—	10	—	13	—	—
VEHICLES AVAILABLE									
None	201	114	99	24	49	118	314	82	102
1	1 079	369	333	145	280	653	802	463	538
2	1 072	444	412	514	371	835	869	462	719
3 or more	364	141	116	320	188	298	385	125	216
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	395	153	179	148	203	458	395	161	282
1985 to 1988	802	227	256	141	288	429	512	216	413
1980 to 1984	369	160	116	82	147	259	384	175	221
1970 to 1979	646	262	209	274	158	421	506	271	333
1969 or earlier	504	266	200	358	92	337	573	309	326
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	2 716	1 068	960	1 003	882	1 904	2 364	1 127	1 568
1.01 or more	10	4	12	17	26	27	20	26	15
Lacking complete plumbing facilities	—	—	—	—	6	—	6	5	7
1.01 or more	—	—	—	—	—	—	—	—	—
SELECTED FACILITIES									
Water from public system or private company	2 716	1 066	960	872	872	1 886	2 370	997	1 559
Public sewer	2 681	1 048	960	104	872	1 850	2 336	1 120	1 493
Lacking complete kitchen facilities	11	2	—	8	—	—	—	5	—
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	262	133	109	68	128	232	410	94	153
Renter occupied	166	78	47	23	78	164	250	47	95
Built 1939 or earlier	133	40	33	40	42	80	113	30	18
Lacking complete plumbing facilities	—	—	—	—	—	—	—	—	—
No vehicle available	83	45	25	—	20	28	156	23	28
No telephone in unit	35	24	16	4	9	12	78	18	—
1.01 or more persons per room	—	—	—	—	9	6	13	—	—
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	22 523	21 613	22 567	39 216	31 595	23 952	20 297	23 269	26 310
Owner occupied (dollars)	26 301	26 144	25 273	40 893	34 500	30 260	25 524	25 962	30 907
Renter occupied (dollars)	14 276	13 646	12 450	25 469	23 000	11 726	11 382	17 273	12 941
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	1 642	716	658	825	447	1 197	1 397	799	1 002
With a mortgage	782	276	247	485	318	631	707	319	494
Less than \$200	6	6	—	—	—	18	21	12	5
\$200 to \$299	47	29	6	—	11	37	55	56	18
\$300 to \$399	115	89	55	27	14	122	182	100	62
\$400 to \$499	211	74	71	38	19	137	152	44	116
\$500 to \$599	163	30	39	78	103	135	98	54	138
\$600 to \$699	91	27	33	68	68	77	85	15	65
\$700 to \$999	97	17	32	201	95	88	91	30	69
\$1,000 to \$1,999	48	4	11	73	26	17	23	8	26
\$2,000 or more	4	—	—	—	4	—	—	—	3
Median (dollars)	508	421	483	757	620	501	452	384	524
Not mortgaged	860	440	411	340	129	566	690	480	508
Median (dollars)	200	149	174	260	217	196	199	147	180
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	1 642	716	658	825	447	1 197	1 397	799	1 002
With a mortgage	782	276	247	485	318	631	707	319	494
Median	20.2	16.1	20.4	19.8	20.3	17.3	18.0	13.9	17.8
Not mortgaged	860	440	411	340	129	566	690	480	508
Median	12.8	10.0-	12.7	11.9	13.9	11.8	13.7	10.0-	10.0-
GROSS RENT									
Specified renter-occupied housing units	833	273	203	75	324	536	797	266	369
Less than \$100	37	19	11	—	4	24	27	5	22
\$100 to \$199	126	90	50	—	—	85	175	58	84
\$200 to \$299	313	89	62	9	20	223	302	81	119
\$300 to \$399	209	36	45	44	69	112	167	96	69
\$400 to \$499	53	10	19	12	102	47	71	7	30
\$500 to \$599	26	—	11	—	100	4	14	—	20
\$600 to \$749	10	2	—	10	20	9	7	—	—
\$750 to \$999	—	—	—	—	—	—	—	—	—
\$1,000 or more	—	—	—	—	—	—	—	—	—
No cash rent	59	27	5	—	9	32	34	19	25
Median (dollars)	268	213	265	363	480	270	253	282	259
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	833	273	203	75	324	536	797	266	369
Less than 20 percent	365	122	64	35	155	179	337	125	155
20 to 24 percent	58	38	29	6	27	59	26	34	34
25 to 29 percent	148	31	32	—	12	61	64	18	57
30 to 34 percent	40	16	36	—	20	39	91	18	28
35 percent or more	138	37	37	34	96	156	227	52	70
Not computed	84	29	5	—	14	42	52	19	25
Median	20.8	20.0	25.9	22.1	20.0	25.7	25.7	19.8	22.5

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Spirit Lake city	Storm Lake city	Story City city	Tama city	Tipton city	Vinton city	Washington city	Waukee city
Occupied housing units	1 587	3 357	1 199	1 094	1 270	2 012	2 875	964
TENURE								
Owner-occupied housing units	1 117	2 123	820	774	873	1 397	1 932	745
Renter-occupied housing units	470	1 234	379	320	397	615	943	219
YEAR STRUCTURE BUILT								
1989 to March 1990	18	69	8	2	7	6	13	37
1980 to 1988	184	374	158	93	115	97	167	148
1960 to 1979	748	1 047	562	345	397	607	786	606
1940 to 1959	219	1 075	204	255	233	382	560	91
1939 or earlier	418	792	267	399	518	920	1 349	82
HOUSE HEATING FUEL								
Utility gas	1 299	2 982	993	846	1 020	1 664	2 420	751
Bottled, tank, or LP gas	46	31	17	40	27	34	26	14
Electricity	237	313	149	109	120	170	363	183
Fuel oil, kerosene, etc.	5	—	8	29	79	63	20	2
All other fuels	—	17	24	70	24	81	38	14
No fuel used	—	14	8	—	—	—	8	—
VEHICLES AVAILABLE								
None	62	331	114	106	143	234	229	38
1	648	1 313	443	471	458	738	1 081	238
2	649	1 324	500	324	506	737	1 166	445
3 or more	228	389	142	193	163	303	399	243
YEAR HOUSEHOLDER MOVED INTO UNIT								
1989 to March 1990	283	798	186	200	216	372	556	221
1985 to 1988	463	795	313	256	360	405	776	258
1980 to 1984	253	404	212	116	189	273	416	123
1970 to 1979	310	624	295	246	269	424	597	208
1969 or earlier	278	736	193	276	236	538	530	154
PLUMBING FACILITIES BY PERSONS PER ROOM								
Complete plumbing facilities	1 587	3 341	1 199	1 094	1 270	2 012	2 867	964
1.01 or more	18	63	—	27	9	40	68	4
Lacking complete plumbing facilities	—	16	—	—	—	—	8	—
1.01 or more	—	—	—	—	—	—	—	—
SELECTED FACILITIES								
Water from public system or private company	1 554	3 343	1 188	1 094	1 270	1 988	2 849	941
Public sewer	1 562	3 349	1 165	1 063	1 252	1 951	2 815	886
Lacking complete kitchen facilities	6	13	—	8	9	12	25	3
HOUSEHOLDS BELOW POVERTY LEVEL								
Occupied housing units	214	383	101	156	151	359	331	42
Renter occupied	140	276	67	72	89	260	216	13
Built 1939 or earlier	96	47	17	64	66	191	167	—
Lacking complete plumbing facilities	—	—	—	—	—	—	—	—
No vehicle available	22	130	32	33	38	94	113	14
No telephone in unit	37	17	7	20	22	78	92	—
1.01 or more persons per room	6	—	—	—	—	24	45	—
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	22 892	23 614	24 680	19 838	23 650	19 643	24 034	34 866
Owner occupied (dollars)	25 744	26 658	30 469	20 814	28 659	23 036	27 055	39 273
Renter occupied (dollars)	11 944	17 816	15 841	17 279	14 831	9 613	17 060	19 792
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units	960	1 868	691	689	761	1 257	1 683	590
With a mortgage	490	962	399	302	313	490	836	457
Less than \$200	5	9	—	—	—	—	—	—
\$200 to \$299	51	62	5	45	15	84	64	9
\$300 to \$399	81	234	97	33	55	84	190	29
\$400 to \$499	68	141	81	96	88	110	234	57
\$500 to \$599	113	229	69	48	99	110	159	79
\$600 to \$699	100	105	65	53	22	51	103	68
\$700 to \$999	48	154	55	21	34	44	81	153
\$1,000 to \$1,999	24	22	27	3	—	7	5	58
\$2,000 or more	—	6	—	3	—	—	—	4
Median (dollars)	532	515	513	468	496	473	471	682
Not mortgaged	470	906	292	387	448	767	847	133
Median (dollars)	195	186	214	210	189	172	184	239
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
Specified owner-occupied housing units	960	1 868	691	689	761	1 257	1 683	590
With a mortgage	490	962	399	302	313	490	836	457
Median	19.4	19.3	19.3	19.0	20.0	17.7	18.3	19.8
Not mortgaged	470	906	292	387	448	767	847	133
Median	12.8	12.9	11.1	14.7	10.0	11.5	10.0	11.2
GROSS RENT								
Specified renter-occupied housing units	470	1 234	379	320	397	615	934	211
Less than \$100	18	45	5	—	7	—	15	2
\$100 to \$199	120	206	56	16	85	179	189	19
\$200 to \$299	91	353	79	85	91	184	294	23
\$300 to \$399	131	362	126	135	142	171	276	49
\$400 to \$499	60	174	76	52	41	71	54	78
\$500 to \$599	13	77	7	8	17	5	38	30
\$600 to \$749	15	—	7	—	—	5	20	5
\$750 to \$999	—	—	—	—	—	—	5	—
\$1,000 or more	—	—	—	—	—	—	6	—
No cash rent	22	17	23	24	14	30	37	5
Median (dollars)	275	302	350	334	303	245	282	408
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
Specified renter-occupied housing units	470	1 234	379	320	397	615	934	211
Less than 20 percent	143	546	115	113	133	182	438	78
20 to 24 percent	94	160	56	39	92	85	125	36
25 to 29 percent	60	183	101	36	42	110	109	41
30 to 34 percent	31	115	24	7	26	36	26	18
35 percent or more	120	205	60	101	83	172	190	33
Not computed	22	25	23	24	21	30	46	5
Median	24.3	21.8	25.3	24.5	23.0	26.2	20.2	23.5

DETAILED HOUSING CHARACTERISTICS

Table 92. Structural, Social, and Financial Characteristics: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Waukon city	Waverly city	Webster City city	West Burlington city	West Liberty city	Wilton city	Windsor Heights city	Winterset city
Occupied housing units	1 659	3 035	3 205	1 365	1 051	1 009	2 250	1 737
TENURE								
Owner-occupied housing units	1 217	2 072	2 304	937	728	723	1 724	1 169
Renter-occupied housing units	442	963	901	428	323	286	526	568
YEAR STRUCTURE BUILT								
1989 to March 1990	—	21	37	7	—	21	96	18
1980 to 1988	207	214	208	78	69	156	57	120
1960 to 1979	506	1 261	964	656	434	487	932	562
1940 to 1959	322	616	978	337	207	114	1 016	303
1939 or earlier	624	923	1 018	287	341	231	149	734
HOUSE HEATING FUEL								
Utility gas	1 246	2 636	2 922	1 168	860	902	2 163	1 477
Bottled, tank, or LP gas	78	89	118	14	21	21	—	24
Electricity	168	205	157	154	152	67	87	178
Fuel oil, kerosene, etc.	83	58	—	10	12	9	—	6
All other fuels	84	47	8	19	6	—	—	46
No fuel used	—	—	—	—	—	10	—	6
VEHICLES AVAILABLE								
None	209	241	279	94	73	47	48	182
1	626	990	1 108	544	383	332	719	650
2	535	1 302	1 232	496	364	452	1 128	615
3 or more	289	502	586	231	231	178	355	290
YEAR HOUSEHOLDER MOVED INTO UNIT								
1989 to March 1990	252	748	562	222	206	181	467	349
1985 to 1988	402	631	896	378	207	290	585	462
1980 to 1984	289	408	402	119	236	171	291	179
1970 to 1979	291	716	621	385	257	198	445	333
1969 or earlier	425	532	724	261	145	169	462	414
PLUMBING FACILITIES BY PERSONS PER ROOM								
Complete plumbing facilities	1 653	3 033	3 197	1 359	1 039	1 009	2 250	1 729
1.01 or more	26	30	39	16	33	—	14	10
Lacking complete plumbing facilities	6	2	8	6	12	—	—	8
1.01 or more	—	—	—	—	6	—	—	—
SELECTED FACILITIES								
Water from public system or private company	1 635	2 705	3 148	1 288	1 043	988	2 250	1 712
Public sewer	1 609	2 726	3 120	1 288	1 017	988	2 250	1 716
Lacking complete kitchen facilities	6	4	—	7	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL								
Occupied housing units	200	372	383	87	98	47	71	228
Renter occupied	81	300	284	53	33	17	—	133
Built 1939 or earlier	99	162	103	9	17	22	—	104
Lacking complete plumbing facilities	—	—	—	—	—	—	—	—
No vehicle available	87	105	116	25	33	11	—	51
No telephone in unit	12	43	90	12	—	17	—	25
1.01 or more persons per room	—	7	11	5	—	—	—	5
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	19 887	27 724	24 412	24 317	26 993	29 701	39 583	21 530
Owner occupied (dollars)	23 167	33 500	29 015	28 087	31 667	32 869	44 000	27 146
Renter occupied (dollars)	13 971	16 016	13 997	17 031	20 724	27 500	31 552	12 955
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units	998	1 826	2 067	748	601	628	1 540	1 047
With a mortgage	406	1 015	1 120	388	313	383	1 013	442
Less than \$200	4	—	25	—	—	—	9	7
\$200 to \$299	9	35	61	54	—	27	—	24
\$300 to \$399	92	172	239	82	51	16	37	74
\$400 to \$499	65	175	290	97	50	88	90	71
\$500 to \$599	99	154	168	59	96	62	128	107
\$600 to \$699	66	129	142	51	50	71	111	73
\$700 to \$999	57	257	165	31	60	73	401	62
\$1,000 to \$1,999	14	90	30	14	6	46	222	24
\$2,000 or more	—	3	—	—	—	—	15	—
Median (dollars)	536	583	483	465	548	598	801	534
Not mortgaged	592	811	947	360	288	245	527	605
Median (dollars)	193	213	194	190	211	195	311	177
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
Specified owner-occupied housing units	998	1 826	2 067	748	601	628	1 540	1 047
With a mortgage	406	1 015	1 120	388	313	383	1 013	442
Median	20.9	17.8	19.0	15.8	16.9	17.5	19.7	19.4
Not mortgaged	592	811	947	360	288	245	527	605
Median	13.6	10.4	10.9	10.0	10.9	12.9	10.0	10.7
GROSS RENT								
Specified renter-occupied housing units	442	963	901	428	323	280	526	559
Less than \$100	24	25	—	13	12	—	—	7
\$100 to \$199	141	137	192	28	52	10	—	122
\$200 to \$299	151	320	226	117	35	55	12	160
\$300 to \$399	54	318	258	164	104	119	26	132
\$400 to \$499	36	73	130	77	77	74	185	76
\$500 to \$599	12	59	43	13	14	12	100	15
\$600 to \$749	—	12	14	—	11	—	119	23
\$750 to \$999	—	—	8	5	7	—	42	—
\$1,000 or more	—	—	6	—	—	—	16	—
No cash rent	24	19	24	11	11	10	26	24
Median (dollars)	222	298	310	355	345	381	518	289
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
Specified renter-occupied housing units	442	963	901	428	323	280	526	559
Less than 20 percent	216	402	312	174	152	185	268	183
20 to 24 percent	46	104	121	52	57	46	106	114
25 to 29 percent	45	133	80	74	46	28	33	61
30 to 34 percent	33	54	70	19	5	11	31	37
35 percent or more	71	241	294	98	46	—	62	133
Not computed	31	29	24	11	17	10	26	31
Median	19.4	23.1	25.3	23.3	20.1	18.0	19.5	23.6

Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**

[The above table was omitted because there were no qualifying areas]

Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**

[The above table was omitted because there were no qualifying areas]

Table 95. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**

[The above table was omitted because there were no qualifying areas]

Table 96. Occupancy and Social Characteristics of Rural Housing Units: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	The State	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County
All housing units.....	449 038	3 714	2 234	4 845	3 581	2 071	5 747	5 799	5 039	5 687
UNITS IN STRUCTURE										
1, detached.....	384 940	3 207	1 878	3 337	2 971	1 942	4 958	5 216	4 286	5 018
1, attached.....	2 651	7	5	7	26	10	12	30	25	23
2.....	5 528	40	30	71	20	8	55	103	49	113
3 or 4.....	9 944	151	63	88	57	14	154	139	87	201
5 or more.....	8 532	96	73	85	19	27	75	137	122	126
Mobile home or trailer.....	32 327	175	171	1 116	467	54	340	138	425	151
Other.....	5 116	38	14	141	21	16	153	36	45	55
YEAR STRUCTURE BUILT										
1989 to March 1990.....	3 462	32	—	52	61	—	24	28	40	32
1980 to 1988.....	36 549	220	187	580	397	58	452	392	422	306
1960 to 1979.....	144 928	948	517	1 452	1 367	369	1 940	2 335	1 444	1 800
1940 to 1959.....	72 069	653	349	666	456	531	834	1 182	954	1 007
1939 or earlier.....	192 030	1 861	1 181	2 095	1 300	1 113	2 497	1 862	2 179	2 542
ROOMS										
1 room.....	1 533	4	11	60	32	3	—	12	18	10
2 rooms.....	4 820	39	43	123	34	4	81	36	19	91
3 rooms.....	20 951	210	151	450	182	58	211	236	181	258
4 rooms.....	58 228	468	244	848	755	261	650	605	739	732
5 rooms.....	89 903	753	594	882	981	405	1 038	1 247	1 106	994
6 rooms.....	95 401	779	430	940	817	391	1 232	1 255	1 098	1 283
7 rooms.....	76 425	647	354	673	406	387	1 079	992	845	1 018
8 rooms.....	54 969	460	260	449	237	359	777	763	547	666
9 or more rooms.....	46 808	354	147	420	137	203	679	653	486	635
Median, all housing units.....	6.0	6.0	5.7	5.6	5.3	6.3	6.2	6.1	5.9	6.1
Median, occupied housing units.....	6.1	6.1	5.8	6.0	5.4	6.4	6.3	6.2	6.0	6.2
Median, owner-occupied housing units.....	6.2	6.3	6.1	6.3	5.5	6.4	6.4	6.4	6.1	6.3
Median, renter-occupied housing units.....	5.6	5.2	5.0	5.4	5.2	6.3	6.1	5.1	5.5	5.3
PLUMBING FACILITIES										
Complete plumbing facilities.....	441 679	3 660	2 198	4 785	3 341	2 047	5 728	5 743	4 936	5 641
Lacking complete plumbing facilities.....	7 359	54	36	60	240	24	19	56	103	46
KITCHEN FACILITIES										
Complete kitchen facilities.....	440 741	3 616	2 146	4 771	3 367	2 039	5 718	5 761	4 923	5 641
Lacking complete kitchen facilities.....	8 297	98	88	74	214	32	29	38	116	46
SOURCE OF WATER										
Public system or private company.....	245 167	2 395	1 222	1 664	3 007	871	2 699	2 248	3 040	2 823
Individual drilled well.....	163 802	645	565	2 888	195	682	2 721	3 162	1 609	2 676
Individual dug well.....	34 426	637	412	212	287	509	306	306	330	164
Some other source.....	5 643	37	35	81	92	9	21	83	60	24
SEWAGE DISPOSAL										
Public sewer.....	197 631	2 078	1 121	2 031	1 203	697	2 701	2 290	2 036	3 002
Septic tank or cesspool.....	242 459	1 578	1 082	2 703	2 126	1 304	2 970	3 409	2 893	2 650
Other means.....	8 948	58	31	111	252	70	76	100	110	35
TENURE										
Owner-occupied housing units.....	313 406	2 514	1 454	2 776	2 544	1 372	4 098	4 331	3 608	4 226
Renter-occupied housing units.....	93 326	905	551	833	518	488	1 208	1 156	1 133	1 133
PERSONS IN UNIT										
Occupied housing units.....										
1 person.....	406 732	3 419	2 005	3 609	3 062	1 860	5 306	5 487	4 741	5 359
2 persons.....	88 436	948	575	853	726	430	999	973	969	1 133
3 persons.....	145 586	1 315	770	1 219	1 130	745	1 891	1 895	1 881	1 949
4 persons.....	61 623	414	231	542	451	228	900	999	751	846
5 persons.....	63 919	424	252	524	450	248	879	918	715	855
6 persons.....	32 882	223	137	282	222	137	416	506	318	420
7 or more persons.....	10 296	75	29	134	56	52	162	115	85	102
3 or more persons.....	3 990	20	11	55	27	20	59	81	22	54
Median, occupied housing units.....	2.29	2.08	2.06	2.28	2.21	2.17	2.37	2.43	2.25	2.29
Median, owner-occupied housing units.....	2.29	2.10	2.05	2.30	2.20	2.12	2.35	2.45	2.24	2.29
Median, renter-occupied housing units.....	2.30	1.95	2.08	2.15	2.32	2.37	2.48	2.35	2.26	2.33
VACANCY STATUS										
Vacant housing units.....										
For sale only.....	42 306	295	229	1 236	519	211	441	312	298	328
For rent.....	4 297	29	24	27	48	25	55	40	45	49
For sale or sold, not occupied.....	6 436	79	69	49	41	29	73	53	38	71
Rented or sold, not occupied.....	4 224	64	35	21	28	11	42	39	65	77
For seasonal, recreational, or occasional use.....	13 278	14	13	986	189	13	136	53	31	18
For migrant workers.....	31	—	—	—	—	3	—	—	—	—
Other vacant.....	14 040	109	88	153	213	130	135	127	119	113
Boarded up.....	626	2	—	9	4	—	5	15	13	7
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....										
Less than 2 months.....	4 297	29	24	27	48	25	55	40	45	49
2 up to 6 months.....	485	6	—	3	4	—	9	10	15	4
6 or more months.....	986	4	—	2	18	12	31	6	5	14
Vacant-for-rent housing units.....										
Less than 2 months.....	2 826	19	24	22	26	13	15	24	25	31
2 up to 6 months.....	6 436	79	69	49	41	29	73	53	38	71
6 or more months.....	1 360	10	17	12	10	10	11	15	14	16
2 up to 6 months.....	1 994	30	14	21	12	5	33	24	8	28
6 or more months.....	3 082	39	38	16	19	14	29	14	16	27

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Buchanan County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County
All housing units.....	5 792	4 583	6 483	5 362	4 577	3 432	5 833	4 345	3 310	3 936
UNITS IN STRUCTURE										
1, detached.....	4 782	3 982	5 825	4 639	4 199	3 059	4 844	3 904	3 029	3 498
1, attached.....	91	25	17	14	13	11	55	37	12	25
2.....	56	111	86	56	51	37	147	31	28	28
3 or 4.....	130	98	180	136	126	62	155	42	72	87
5 or more.....	79	108	80	315	58	50	92	101	6	57
Mobile home or trailer.....	506	202	205	148	86	185	482	205	131	212
Other.....	148	57	90	54	44	28	58	25	32	29
YEAR STRUCTURE BUILT										
1989 to March 1990.....	31	15	19	22	12	8	63	31	4	10
1980 to 1988.....	632	338	386	383	260	175	524	218	199	273
1960 to 1979.....	2 194	1 136	2 102	1 520	1 055	879	1 703	1 319	969	1 221
1940 to 1959.....	959	893	1 107	1 088	902	485	874	1 026	611	629
1939 or earlier.....	1 976	2 201	2 869	2 349	2 348	1 885	2 669	1 751	1 527	1 803
ROOMS										
1 room.....	15	7	12	67	7	14	25	22	1	10
2 rooms.....	71	33	53	105	25	27	55	50	31	21
3 rooms.....	320	240	296	401	197	129	224	161	104	185
4 rooms.....	795	590	843	746	485	370	748	591	316	438
5 rooms.....	1 310	835	1 379	1 074	784	660	1 047	850	653	863
6 rooms.....	1 182	893	1 430	1 110	914	797	1 295	958	748	906
7 rooms.....	1 020	836	1 180	819	949	567	977	728	599	714
8 rooms.....	568	562	703	577	763	525	810	516	441	462
9 or more rooms.....	511	587	587	463	453	343	652	469	417	337
Median, all housing units.....	5.8	6.2	6.0	5.8	6.4	6.1	6.1	6.0	6.2	6.0
Median, occupied housing units.....	6.0	6.3	6.0	5.9	6.4	6.2	6.2	6.2	6.3	6.0
Median, owner-occupied housing units.....	6.1	6.4	6.2	6.1	6.5	6.3	6.3	6.3	6.4	6.2
Median, renter-occupied housing units.....	5.4	5.6	5.3	5.3	6.0	6.1	5.8	5.9	6.1	5.4
PLUMBING FACILITIES										
Complete plumbing facilities.....	5 537	4 538	6 384	5 292	4 557	3 357	5 771	4 321	3 274	3 854
Lacking complete plumbing facilities.....	255	45	99	70	20	75	62	24	36	82
KITCHEN FACILITIES										
Complete kitchen facilities.....	5 525	4 517	6 373	5 283	4 544	3 370	5 781	4 321	3 224	3 898
Lacking complete kitchen facilities.....	267	66	110	79	33	62	52	24	86	38
SOURCE OF WATER										
Public system or private company.....	2 254	2 772	4 047	4 034	3 232	1 824	3 058	1 418	2 425	1 650
Individual drilled well.....	3 217	1 185	2 217	963	901	1 127	2 618	2 768	462	2 100
Individual dug well.....	263	607	185	357	435	444	112	150	405	156
Some other source.....	58	19	34	8	9	37	45	9	18	30
SEWAGE DISPOSAL										
Public sewer.....	2 696	2 506	3 900	3 669	2 610	1 551	3 024	1 941	1 550	1 637
Septic tank or cesspool.....	2 870	2 045	2 486	1 667	1 941	1 806	2 721	2 359	1 693	2 195
Other means.....	226	32	97	26	26	75	88	45	67	104
TENURE										
Owner-occupied housing units.....	3 950	2 975	4 685	3 358	3 262	2 280	4 012	2 795	2 232	2 868
Renter-occupied housing units.....	1 200	1 183	1 351	1 326	1 038	770	1 402	861	813	709
PERSONS IN UNIT										
Occupied housing units.....	5 150	4 158	6 036	4 684	4 300	3 050	5 414	3 656	3 045	3 577
1 person.....	1 074	989	1 435	1 433	1 071	797	1 159	803	697	798
2 persons.....	1 706	1 467	2 206	1 709	1 407	1 141	1 926	1 365	1 095	1 241
3 persons.....	755	545	857	543	398	274	857	545	424	528
4 persons.....	859	699	896	561	572	406	894	586	447	550
5 persons.....	458	333	476	307	359	237	452	252	242	246
6 persons.....	179	103	125	107	234	55	67	74	102	152
7 or more persons.....	119	22	41	24	83	16	59	31	38	62
Median, occupied housing units.....	2.38	2.24	2.22	2.03	2.27	2.14	2.30	2.25	2.25	2.30
Median, owner-occupied housing units.....	2.37	2.23	2.21	2.06	2.28	2.10	2.28	2.26	2.21	2.31
Median, renter-occupied housing units.....	2.44	2.30	2.29	1.91	2.20	2.40	2.40	2.22	2.45	2.21
VACANCY STATUS										
Vacant housing units.....	642	425	447	678	277	382	419	689	265	359
For sale only.....	83	44	87	75	36	40	57	27	34	41
For rent.....	120	83	111	109	59	71	45	55	36	85
Rented or sold, not occupied.....	20	43	27	55	17	65	43	78	73	77
For seasonal, recreational, or occasional use.....	278	27	42	281	20	34	136	469	34	25
For migrant workers.....	—	—	—	—	—	—	—	—	—	—
Other vacant.....	141	228	180	158	145	172	138	60	88	131
Boarded up.....	19	—	—	5	19	—	5	—	—	7
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	83	44	87	75	36	40	57	27	34	41
Less than 2 months.....	14	6	4	3	11	2	5	—	3	2
2 up to 6 months.....	20	8	10	18	8	6	3	2	10	2
6 or more months.....	49	30	73	54	17	32	49	25	21	37
Vacant-for-rent housing units.....	120	83	111	109	59	71	45	55	36	85
Less than 2 months.....	14	29	9	20	7	9	13	5	4	5
2 up to 6 months.....	27	18	31	33	7	23	13	13	10	16
6 or more months.....	79	36	71	56	45	39	19	37	22	64

DETAILED HOUSING CHARACTERISTICS

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Clarke County	Clay County	Clayton County	Clinton County	Crawford County	Dallas County	Davis County	Decatur County	Delaware County	Des Moines County
All housing units.....	1 654	2 835	8 344	5 297	4 195	6 659	2 191	3 692	5 281	5 028
UNITS IN STRUCTURE										
1, detached.....	1 441	2 550	6 644	4 499	3 746	5 607	1 889	2 825	4 413	3 707
1, attached.....	14	3	68	45	27	29	9	21	44	14
2.....	2	20	304	76	33	93	12	97	70	46
3 or 4.....	12	43	258	80	72	135	16	121	94	74
5 or more.....	7	5	295	10	39	200	2	262	28	25
Mobile home or trailer.....	172	177	646	514	245	550	255	321	531	1 008
Other.....	6	37	129	73	33	45	8	45	101	154
YEAR STRUCTURE BUILT										
1989 to March 1990.....	8	5	71	13	9	124	12	39	45	39
1980 to 1988.....	129	119	606	230	311	703	241	439	483	573
1960 to 1979.....	646	736	2 322	1 767	1 210	2 418	790	1 147	1 911	2 364
1940 to 1959.....	195	518	1 142	792	456	871	225	540	719	760
1939 or earlier.....	676	1 457	4 203	2 495	2 209	2 543	923	1 527	2 123	1 292
ROOMS										
1 room.....	9	36	36	7	6	28	24	35	8	65
2 rooms.....	8	44	200	47	28	76	42	119	53	92
3 rooms.....	47	104	590	186	169	296	61	352	287	235
4 rooms.....	243	339	1 306	638	473	840	396	622	643	847
5 rooms.....	494	498	1 664	1 018	817	1 251	567	840	946	1 168
6 rooms.....	304	650	1 612	962	876	1 258	476	708	892	942
7 rooms.....	276	605	1 272	1 075	771	1 207	281	441	963	763
8 rooms.....	144	293	971	666	578	731	205	292	864	487
9 or more rooms.....	129	266	693	698	477	972	139	283	625	429
Median, all housing units.....	5.6	6.1	5.7	6.3	6.2	6.2	5.5	5.4	6.3	5.6
Median, occupied housing units.....	5.7	6.2	5.9	6.4	6.3	6.2	5.6	5.5	6.6	5.8
Median, owner-occupied housing units.....	5.8	6.3	6.1	6.4	6.3	6.5	5.6	5.8	6.6	5.9
Median, renter-occupied housing units.....	5.5	6.2	5.1	6.3	6.2	5.1	5.6	4.2	6.4	5.1
PLUMBING FACILITIES										
Complete plumbing facilities.....	1 601	2 800	8 212	5 242	4 115	6 571	2 069	3 587	5 239	4 829
Lacking complete plumbing facilities.....	53	35	132	55	80	88	122	105	42	199
KITCHEN FACILITIES										
Complete kitchen facilities.....	1 613	2 764	8 184	5 239	4 099	6 582	2 073	3 514	5 247	4 895
Lacking complete kitchen facilities.....	41	71	160	58	96	77	118	178	34	133
SOURCE OF WATER										
Public system or private company.....	557	2 162	4 487	1 633	2 365	3 976	1 620	2 681	1 562	1 632
Individual drilled well.....	498	411	3 382	3 408	827	1 933	1 446	476	3 515	2 817
Individual dug well.....	563	218	344	176	978	677	289	403	144	255
Some other source.....	36	44	131	80	25	73	136	132	60	324
SEWAGE DISPOSAL										
Public sewer.....	317	1 011	4 367	1 730	2 014	2 798	112	2 348	1 720	1 329
Septic tank or cesspool.....	1 251	1 801	3 813	3 465	2 056	3 781	1 934	1 176	3 501	3 420
Other means.....	86	23	164	102	125	80	145	168	60	279
TENURE										
Owner-occupied housing units.....	1 175	1 790	5 409	3 716	2 914	4 948	1 608	2 272	3 418	3 696
Renter-occupied housing units.....	329	687	1 809	1 104	913	1 340	377	935	954	827
PERSONS IN UNIT										
Occupied housing units.....	1 504	2 477	7 218	4 820	3 827	6 288	1 985	3 207	4 372	4 523
1 person.....	265	532	1 825	930	895	1 174	329	959	811	861
2 persons.....	571	914	2 516	1 670	1 328	2 255	740	1 146	1 417	1 617
3 persons.....	250	356	976	820	454	1 074	293	435	642	811
4 persons.....	251	383	1 031	782	553	1 118	357	394	735	771
5 persons.....	136	211	581	405	321	455	155	177	502	318
6 persons.....	24	58	221	156	114	164	64	72	207	87
7 or more persons.....	7	23	68	57	52	48	47	24	58	58
Median, occupied housing units.....	2.35	2.27	2.21	2.39	2.27	2.37	2.40	2.06	2.47	2.37
Median, owner-occupied housing units.....	2.35	2.21	2.23	2.35	2.22	2.39	2.37	2.16	2.49	2.38
Median, renter-occupied housing units.....	2.37	2.54	2.09	2.55	2.53	2.30	2.61	1.73	2.40	2.30
VACANCY STATUS										
Vacant housing units.....	150	358	1 126	477	368	371	206	485	909	505
For sale only.....	16	37	70	46	40	49	22	50	35	60
For rent.....	11	48	118	78	116	102	21	99	74	45
Rented or sold, not occupied.....	16	12	49	40	31	85	25	26	36	56
For seasonal, recreational, or occasional use.....	14	103	644	146	7	20	39	43	589	235
For migrant workers.....	—	—	—	—	—	—	—	—	—	—
Other vacant.....	93	158	245	167	174	115	99	267	175	109
Boarded up.....	2	3	10	4	—	8	3	3	17	2
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	16	37	70	46	40	49	22	50	35	60
Less than 2 months.....	7	5	7	7	11	6	5	2	5	17
2 up to 6 months.....	—	8	15	4	8	10	4	14	—	3
6 or more months.....	9	24	48	35	21	33	13	34	30	40
Vacant-for-rent housing units.....	11	48	118	78	116	102	21	99	74	45
Less than 2 months.....	2	18	27	12	11	24	3	27	14	18
2 up to 6 months.....	5	—	47	32	30	47	4	43	2	9
6 or more months.....	4	30	44	34	75	31	14	29	58	18

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Dickinson County	Dubuque County	Emmet County	Fayette County	Floyd County	Franklin County	Fremont County	Greene County	Grundy County	Guthrie County
All housing units.....	7 993	7 080	2 007	6 344	3 728	3 102	3 607	2 678	5 158	5 179
UNITS IN STRUCTURE										
1, detached.....	6 357	6 022	1 812	5 412	3 382	2 883	2 977	2 450	4 571	4 417
1, attached.....	193	22	6	46	8	19	32	12	14	117
2.....	96	96	18	136	35	16	30	6	78	50
3 or 4.....	104	131	8	185	73	31	138	37	232	119
5 or more.....	395	92	42	158	46	57	79	58	110	187
Mobile home or trailer.....	770	635	103	312	161	88	305	100	114	232
Other.....	78	82	18	95	23	8	46	15	39	57
YEAR STRUCTURE BUILT										
1989 to March 1990.....	99	121	—	24	6	8	14	2	9	63
1980 to 1988.....	793	760	108	366	219	222	237	140	288	547
1960 to 1979.....	3 237	3 051	506	1 771	1 241	664	1 176	554	1 569	1 460
1940 to 1959.....	1 547	954	522	1 003	582	695	541	467	1 229	792
1939 or earlier.....	2 317	2 194	871	3 180	1 680	1 513	1 639	1 515	2 063	2 317
ROOMS										
1 room.....	77	7	7	20	7	—	13	2	5	4
2 rooms.....	204	49	23	58	16	15	68	13	31	37
3 rooms.....	884	209	73	358	134	83	207	124	215	270
4 rooms.....	1 706	799	234	739	387	298	586	246	713	699
5 rooms.....	1 636	1 496	322	1 140	632	489	833	509	1 099	991
6 rooms.....	1 319	1 465	496	1 548	891	716	775	624	1 135	1 144
7 rooms.....	917	1 308	355	1 060	673	584	505	607	824	929
8 rooms.....	671	1 011	267	810	526	459	305	321	655	634
9 or more rooms.....	579	736	230	611	462	458	315	232	481	471
Median, all housing units.....	5.2	6.2	6.2	6.1	6.3	6.4	5.6	6.2	6.0	6.0
Median, occupied housing units.....	5.8	6.2	6.3	6.2	6.3	6.5	5.8	6.3	6.0	6.1
Median, owner-occupied housing units.....	6.1	6.3	6.4	6.3	6.4	6.6	6.0	6.4	6.1	6.3
Median, renter-occupied housing units.....	4.9	5.6	6.2	5.7	6.0	6.3	5.0	6.0	5.5	5.4
PLUMBING FACILITIES										
Complete plumbing facilities.....	7 882	7 012	1 980	6 298	3 687	3 038	3 586	2 594	5 153	5 081
Lacking complete plumbing facilities.....	111	68	27	46	41	64	21	84	5	98
KITCHEN FACILITIES										
Complete kitchen facilities.....	7 887	7 028	1 956	6 309	3 696	3 020	3 577	2 573	5 103	5 066
Lacking complete kitchen facilities.....	106	52	51	35	32	82	30	105	55	113
SOURCE OF WATER										
Public system or private company.....	6 126	2 154	982	3 283	1 552	1 173	2 322	1 293	3 299	3 459
Individual drilled well.....	1 232	4 620	917	2 852	2 091	1 780	792	1 128	1 705	1 168
Individual dug well.....	490	214	94	123	82	125	433	252	130	469
Some other source.....	145	92	14	86	3	24	60	5	24	83
SEWAGE DISPOSAL										
Public sewer.....	6 483	2 195	808	3 040	1 622	1 059	1 770	1 119	3 202	2 725
Septic tank or cesspool.....	1 467	4 794	1 173	3 233	2 065	2 005	1 760	1 495	1 913	2 360
Other means.....	43	91	26	71	41	38	77	64	43	94
TENURE										
Owner-occupied housing units.....	3 550	5 700	1 309	4 355	2 673	2 077	2 327	1 629	3 553	3 328
Renter-occupied housing units.....	1 023	1 125	469	1 479	745	750	890	705	1 223	1 079
PERSONS IN UNIT										
Occupied housing units.....	4 573	6 825	1 778	5 834	3 418	2 827	3 217	2 334	4 776	4 407
1 person.....	1 208	1 060	391	1 507	696	676	841	606	1 185	1 154
2 persons.....	1 906	1 873	630	2 000	1 252	1 061	1 158	916	1 795	1 712
3 persons.....	575	1 189	276	863	523	372	456	299	680	592
4 persons.....	548	1 315	268	789	570	434	447	285	673	570
5 persons.....	261	853	152	499	266	211	229	169	324	279
6 persons.....	44	358	39	132	95	58	67	44	83	80
7 or more persons.....	31	177	22	44	16	15	19	15	36	20
Median, occupied housing units.....	2.07	2.90	2.29	2.20	2.31	2.20	2.16	2.11	2.17	2.11
Median, owner-occupied housing units.....	2.08	2.99	2.23	2.23	2.29	2.15	2.15	2.07	2.16	2.09
Median, renter-occupied housing units.....	1.97	2.44	2.74	2.06	2.42	2.37	2.23	2.27	2.20	2.31
VACANCY STATUS										
Vacant housing units.....	3 420	255	229	510	310	275	390	344	382	772
For sale only.....	94	34	21	61	35	43	61	20	50	44
For rent.....	58	46	44	133	111	63	83	38	86	183
Rented or sold, not occupied.....	36	26	5	48	14	64	44	18	48	114
For seasonal, recreational, or occasional use.....	3 045	92	49	35	71	45	43	27	24	244
For migrant workers.....	2	—	—	—	—	—	3	—	—	—
Other vacant.....	185	57	110	233	79	60	156	236	174	187
Boarded up.....	3	9	—	4	—	—	9	8	—	7
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	94	34	21	61	35	43	61	20	50	44
Less than 2 months.....	7	11	—	2	8	3	6	5	2	6
2 up to 6 months.....	14	10	5	28	13	5	20	8	5	4
6 or more months.....	73	13	16	31	14	35	35	7	43	34
Vacant-for-rent housing units.....	58	46	44	133	111	63	83	38	86	183
Less than 2 months.....	15	11	4	19	24	16	14	12	26	36
2 up to 6 months.....	15	20	4	48	34	17	23	8	27	68
6 or more months.....	28	15	36	66	53	30	46	18	33	79

DETAILED HOUSING CHARACTERISTICS

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Hamilton County	Hancock County	Hardin County	Harrison County	Henry County	Howard County	Humboldt County	Ida County	Iowa County	Jackson County
All housing units.....	3 444	3 887	4 726	4 943	4 476	2 504	2 677	3 473	6 003	5 702
UNITS IN STRUCTURE										
1, detached.....	3 146	3 484	4 172	4 221	3 689	2 243	2 493	2 943	4 900	4 643
1, attached.....	24	9	20	17	24	11	22	20	82	26
2.....	23	31	52	65	99	21	17	85	228	105
3 or 4.....	142	95	179	120	118	51	49	123	304	99
5 or more.....	17	107	71	118	42	23	38	130	122	111
Mobile home or trailer.....	73	123	192	367	464	121	37	139	298	584
Other.....	19	38	40	35	40	34	21	33	69	134
YEAR STRUCTURE BUILT										
1989 to March 1990.....	33	55	11	25	32	2	11	35	48	11
1980 to 1988.....	223	177	305	416	460	177	145	251	497	417
1960 to 1979.....	856	1 125	1 376	1 226	1 389	688	697	745	1 736	2 068
1940 to 1959.....	644	984	997	652	587	326	458	638	896	781
1939 or earlier.....	1 688	1 546	2 037	2 624	2 008	1 311	1 366	1 804	2 826	2 425
ROOMS										
1 room.....	3	3	—	10	21	3	12	9	22	13
2 rooms.....	27	26	35	54	40	8	20	24	60	141
3 rooms.....	165	164	204	238	241	123	81	168	371	350
4 rooms.....	349	531	557	624	603	274	242	467	648	837
5 rooms.....	477	874	853	1 084	936	391	458	715	1 289	1 071
6 rooms.....	859	822	1 120	1 190	896	576	609	674	1 281	1 157
7 rooms.....	685	706	830	718	748	529	529	525	998	952
8 rooms.....	400	428	646	569	519	342	380	446	615	657
9 or more rooms.....	479	333	481	456	472	258	346	445	719	524
Median, all housing units.....	6.3	5.9	6.1	5.9	5.9	6.3	6.4	6.0	6.0	5.9
Median, occupied housing units.....	6.4	6.0	6.2	6.0	6.0	6.3	6.4	6.1	6.0	6.1
Median, owner-occupied housing units.....	6.6	6.1	6.3	6.1	6.1	6.3	6.4	6.3	6.2	6.2
Median, renter-occupied housing units.....	6.0	5.4	5.8	5.4	5.5	6.1	6.3	5.4	5.0	5.6
PLUMBING FACILITIES										
Complete plumbing facilities.....	3 387	3 865	4 695	4 888	4 402	2 458	2 665	3 451	5 932	5 611
Lacking complete plumbing facilities.....	57	22	31	55	74	46	12	22	71	91
KITCHEN FACILITIES										
Complete kitchen facilities.....	3 378	3 869	4 632	4 878	4 352	2 431	2 640	3 433	5 938	5 607
Lacking complete kitchen facilities.....	66	18	94	65	124	73	37	40	65	95
SOURCE OF WATER										
Public system or private company.....	1 738	2 161	2 545	2 747	2 369	903	1 409	2 399	3 947	2 414
Individual drilled well.....	1 602	1 590	2 091	1 863	1 584	1 520	1 115	633	1 741	3 091
Individual dug well.....	98	130	87	322	436	71	142	441	245	83
Some other source.....	6	6	3	11	87	10	11	—	70	114
SEWAGE DISPOSAL										
Public sewer.....	1 621	1 916	2 409	2 252	1 966	905	1 283	2 370	3 511	2 514
Septic tank or cesspool.....	1 784	1 920	2 231	2 634	2 412	1 538	1 368	1 059	2 385	2 935
Other means.....	39	51	86	57	98	61	26	44	107	253
TENURE										
Owner-occupied housing units.....	2 211	2 577	3 109	3 385	3 262	1 814	1 827	2 309	4 349	3 853
Renter-occupied housing units.....	942	1 010	1 151	1 114	922	486	618	913	1 364	1 106
PERSONS IN UNIT										
Occupied housing units.....	3 153	3 587	4 260	4 499	4 184	2 300	2 445	3 222	5 713	4 959
1 person.....	686	859	1 083	1 121	885	570	568	842	1 425	1 036
2 persons.....	1 202	1 303	1 624	1 568	1 518	817	904	1 152	2 056	1 673
3 persons.....	472	499	562	647	612	302	334	404	882	738
4 persons.....	491	527	619	641	723	302	364	463	803	794
5 persons.....	214	300	269	304	361	186	214	253	440	492
6 persons.....	74	82	96	150	53	89	47	83	53	156
7 or more persons.....	14	17	7	68	32	34	14	25	54	70
Median, occupied housing units.....	2.24	2.22	2.14	2.22	2.30	2.21	2.22	2.17	2.20	2.36
Median, owner-occupied housing units.....	2.19	2.20	2.12	2.19	2.29	2.24	2.19	2.20	2.24	2.39
Median, renter-occupied housing units.....	2.42	2.27	2.25	2.36	2.35	2.04	2.39	2.02	1.99	2.23
VACANCY STATUS										
Vacant housing units.....	291	300	466	444	292	204	232	251	290	743
For sale only.....	37	39	71	74	46	18	25	43	72	33
For rent.....	65	63	76	104	62	9	46	71	72	75
Rented or sold, not occupied.....	84	63	43	59	20	79	35	10	12	74
For seasonal, recreational, or occasional use.....	12	6	61	54	33	29	7	13	8	483
For migrant workers.....	—	—	2	—	—	—	—	—	—	6
Other vacant.....	93	129	213	153	131	69	119	114	126	72
Boarded up.....	5	—	—	4	6	—	1	—	2	16
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	37	39	71	74	46	18	25	43	72	33
Less than 2 months.....	7	9	18	3	9	—	—	3	2	4
2 up to 6 months.....	12	4	12	14	15	—	13	10	21	7
6 or more months.....	18	26	41	57	22	18	12	30	49	22
Vacant-for-rent housing units.....	65	63	76	104	62	9	46	71	72	75
Less than 2 months.....	4	17	14	11	15	3	2	20	13	11
2 up to 6 months.....	36	20	29	44	30	—	6	23	23	34
6 or more months.....	25	26	33	49	17	6	38	28	36	30

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Jasper County	Jefferson County	Johnson County	Jones County	Keokuk County	Kossuth County	Lee County	Linn County	Louisa County	Lucas County
All housing units.....	7 865	2 652	8 150	4 227	5 024	5 193	5 652	10 965	5 044	1 980
UNITS IN STRUCTURE										
1, detached.....	6 667	2 250	6 541	3 514	4 389	4 772	4 427	9 738	3 705	1 757
1, attached.....	19	16	61	32	22	22	39	95	32	—
2.....	88	5	143	28	64	43	26	120	84	8
3 or 4.....	234	51	61	63	153	76	125	237	107	12
5 or more.....	127	64	216	18	66	115	49	114	94	—
Mobile home or trailer.....	653	248	1 080	510	230	130	903	568	707	191
Other.....	77	18	48	62	100	35	83	93	315	12
YEAR STRUCTURE BUILT										
1989 to March 1990.....	106	46	211	9	2	8	42	171	11	24
1980 to 1988.....	677	374	1 197	291	259	284	699	1 126	482	147
1960 to 1979.....	2 710	827	3 471	1 334	1 430	1 384	2 541	4 236	2 071	611
1940 to 1959.....	1 267	270	773	649	680	976	834	2 043	628	208
1939 or earlier.....	3 105	1 135	2 498	1 944	2 653	2 541	1 536	3 389	1 852	990
ROOMS										
1 room.....	12	8	26	18	13	8	20	64	16	17
2 rooms.....	102	14	142	31	50	33	46	154	55	12
3 rooms.....	319	97	250	121	217	164	229	437	382	84
4 rooms.....	1 115	388	1 024	559	684	509	953	1 343	1 040	319
5 rooms.....	1 703	561	1 299	727	1 164	985	1 285	1 954	1 007	459
6 rooms.....	1 695	602	1 565	923	1 055	1 170	1 143	2 382	1 042	500
7 rooms.....	1 254	478	1 269	732	749	1 020	914	1 893	699	288
8 rooms.....	892	286	1 120	589	617	712	631	1 428	440	197
9 or more rooms.....	773	218	1 455	527	475	592	431	1 310	363	104
Median, all housing units.....	5.9	5.9	6.4	6.2	5.9	6.3	5.8	6.1	5.5	5.7
Median, occupied housing units.....	6.0	6.0	6.4	6.3	5.9	6.3	5.8	6.2	5.8	5.8
Median, owner-occupied housing units.....	6.1	6.0	6.6	6.3	6.1	6.5	6.0	6.4	6.0	5.9
Median, renter-occupied housing units.....	5.4	5.7	5.5	6.1	5.1	6.0	5.0	5.4	5.1	5.5
PLUMBING FACILITIES										
Complete plumbing facilities.....	7 741	2 590	8 089	4 136	4 892	5 136	5 535	10 742	4 902	1 871
Lacking complete plumbing facilities.....	124	62	61	91	132	57	117	223	142	109
KITCHEN FACILITIES										
Complete kitchen facilities.....	7 771	2 602	8 084	4 090	4 853	5 118	5 539	10 793	4 904	1 880
Lacking complete kitchen facilities.....	94	50	66	137	171	75	113	172	140	100
SOURCE OF WATER										
Public system or private company.....	6 244	1 302	2 294	1 362	3 044	2 533	2 354	3 697	2 465	1 500
Individual drilled well.....	1 121	820	5 515	2 702	1 250	2 477	2 487	6 722	1 980	181
Individual dug well.....	416	473	259	121	709	178	538	374	467	241
Some other source.....	84	57	82	42	21	5	273	172	132	58
SEWAGE DISPOSAL										
Public sewer.....	3 806	621	2 419	1 214	2 509	1 914	1 411	3 764	2 306	334
Septic tank or cesspool.....	3 954	1 939	5 617	2 922	2 422	3 202	4 027	6 943	2 596	1 412
Other means.....	105	92	114	91	93	77	214	258	142	234
TENURE										
Owner-occupied housing units.....	5 816	1 912	6 223	3 004	3 566	3 557	4 441	8 406	3 200	1 436
Renter-occupied housing units.....	1 590	543	1 526	917	1 007	1 211	851	1 852	1 096	307
PERSONS IN UNIT										
Occupied housing units.....	7 406	2 455	7 749	3 921	4 573	4 768	5 292	10 258	4 296	1 743
1 person.....	1 420	468	1 363	754	1 182	1 204	1 012	1 715	941	369
2 persons.....	2 763	924	2 722	1 371	1 660	1 674	1 862	3 511	1 432	714
3 persons.....	1 288	438	1 413	614	650	634	927	1 830	757	232
4 persons.....	1 192	360	1 326	675	646	647	887	1 909	715	258
5 persons.....	563	205	642	359	296	424	389	903	347	142
6 persons.....	126	41	174	119	98	123	163	308	65	21
7 or more persons.....	54	19	109	29	41	62	52	82	39	7
Median, occupied housing units.....	2.33	2.32	2.42	2.38	2.17	2.20	2.38	2.47	2.34	2.20
Median, owner-occupied housing units.....	2.32	2.36	2.46	2.32	2.17	2.19	2.42	2.49	2.32	2.20
Median, renter-occupied housing units.....	2.37	2.12	2.22	2.73	2.15	2.30	2.12	2.38	2.41	2.20
VACANCY STATUS										
Vacant housing units.....	459	197	401	306	451	425	360	707	748	237
For sale only.....	50	26	26	42	52	63	51	51	23	40
For rent.....	67	40	83	47	88	140	65	65	114	25
Rented or sold, not occupied.....	97	38	114	7	40	13	54	64	76	17
For seasonal, recreational, or occasional use.....	105	17	32	68	35	6	77	277	416	39
For migrant workers.....	—	—	—	—	—	—	—	—	—	—
Other vacant.....	140	76	146	142	236	203	113	250	119	116
Boarded up.....	15	—	3	5	5	—	—	25	6	3
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	50	26	26	42	52	63	51	51	23	40
Less than 2 months.....	6	3	1	4	2	—	1	13	8	—
2 up to 6 months.....	16	19	14	6	10	3	33	16	7	6
6 or more months.....	28	4	11	32	40	60	17	22	8	34
Vacant-for-rent housing units.....	67	40	83	47	88	140	65	65	114	25
Less than 2 months.....	24	8	50	12	28	26	5	19	20	6
2 up to 6 months.....	30	—	27	8	14	45	33	16	56	12
6 or more months.....	13	32	6	27	46	69	27	30	38	7

DETAILED HOUSING CHARACTERISTICS

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Lyon County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County
All housing units.....	3 404	3 189	4 339	4 821	5 232	3 212	2 920	3 201	1 968	2 452
UNITS IN STRUCTURE										
1, detached.....	3 182	2 787	3 602	4 140	4 671	2 633	2 681	2 751	1 641	2 173
1, attached.....	28	8	13	40	17	20	8	10	—	6
2.....	21	38	43	32	38	9	25	24	7	31
3 or 4.....	37	63	99	21	181	31	41	31	—	53
5 or more.....	8	36	68	125	35	16	27	68	—	48
Mobile home or trailer.....	87	234	469	421	269	485	104	269	308	123
Other.....	41	23	45	42	21	18	34	48	12	18
YEAR STRUCTURE BUILT										
1989 to March 1990.....	22	19	37	63	19	24	21	9	14	2
1980 to 1988.....	198	337	413	528	261	362	232	154	198	150
1960 to 1979.....	840	947	1 510	1 782	1 778	1 004	687	762	742	528
1940 to 1959.....	637	309	630	539	877	441	486	536	215	322
1939 or earlier.....	1 707	1 577	1 749	1 909	2 297	1 381	1 494	1 740	799	1 450
ROOMS										
1 room.....	6	5	41	4	—	—	12	2	14	6
2 rooms.....	13	20	84	35	28	22	17	36	20	10
3 rooms.....	103	147	241	187	140	125	95	137	64	90
4 rooms.....	309	407	532	747	533	372	274	390	342	234
5 rooms.....	580	661	911	1 101	992	808	478	729	613	444
6 rooms.....	831	721	893	1 088	1 060	639	721	750	478	568
7 rooms.....	695	554	748	708	1 044	494	544	544	191	487
8 rooms.....	433	351	465	542	733	412	432	354	149	376
9 or more rooms.....	434	323	424	409	702	340	347	259	97	237
Median, all housing units.....	6.3	6.0	5.9	5.8	6.4	5.9	6.3	5.9	5.4	6.3
Median, occupied housing units.....	6.4	6.1	6.0	5.9	6.4	6.0	6.3	6.0	5.5	6.3
Median, owner-occupied housing units.....	6.4	6.2	6.1	6.0	6.5	6.1	6.4	6.1	5.6	6.5
Median, renter-occupied housing units.....	6.2	5.6	5.7	5.4	6.0	5.8	5.9	5.7	5.5	5.9
PLUMBING FACILITIES										
Complete plumbing facilities.....	3 374	3 096	4 301	4 636	5 213	3 144	2 838	3 154	1 850	2 413
Lacking complete plumbing facilities.....	30	93	38	185	19	68	82	47	118	39
KITCHEN FACILITIES										
Complete kitchen facilities.....	3 372	3 104	4 302	4 678	5 183	3 128	2 829	3 088	1 851	2 409
Lacking complete kitchen facilities.....	32	85	37	143	49	84	91	113	117	43
SOURCE OF WATER										
Public system or private company.....	2 529	1 007	3 152	3 710	3 668	1 446	957	1 579	1 682	1 210
Individual drilled well.....	453	1 264	752	591	1 284	1 261	1 776	1 389	49	746
Individual dug well.....	397	810	400	464	238	463	187	219	193	476
Some other source.....	25	108	35	56	42	42	—	14	44	20
SEWAGE DISPOSAL										
Public sewer.....	1 679	962	1 548	1 263	2 024	1 083	929	1 488	315	1 104
Septic tank or cesspool.....	1 679	2 139	2 742	3 469	3 197	2 046	1 896	1 647	1 576	1 311
Other means.....	46	88	49	89	11	83	95	66	77	37
TENURE										
Owner-occupied housing units.....	2 515	2 297	2 993	3 655	3 786	2 312	2 157	2 115	1 349	1 672
Renter-occupied housing units.....	706	681	976	861	1 130	622	588	714	251	567
PERSONS IN UNIT										
Occupied housing units.....	3 221	2 978	3 969	4 516	4 916	2 934	2 745	2 829	1 600	2 239
1 person.....	632	530	712	828	973	566	624	743	343	536
2 persons.....	1 084	1 095	1 502	1 578	1 853	1 013	1 026	1 108	578	817
3 persons.....	454	467	606	695	770	444	361	345	246	324
4 persons.....	474	503	725	883	835	554	371	361	238	333
5 persons.....	378	273	313	424	372	246	266	204	130	164
6 persons.....	140	65	86	75	70	57	75	53	55	55
7 or more persons.....	59	45	25	33	43	54	22	15	10	10
Median, occupied housing units.....	2.40	2.38	2.35	2.41	2.30	2.39	2.23	2.11	2.29	2.21
Median, owner-occupied housing units.....	2.33	2.32	2.30	2.38	2.32	2.34	2.26	2.05	2.27	2.18
Median, renter-occupied housing units.....	2.96	2.79	2.66	2.67	2.22	2.75	2.06	2.44	2.49	2.41
VACANCY STATUS										
Vacant housing units.....	183	211	370	305	316	278	175	372	368	213
For sale only.....	35	33	19	27	40	19	37	19	16	20
For rent.....	67	14	62	61	47	54	14	66	—	29
Rented or sold, not occupied.....	10	4	22	88	58	46	42	36	66	12
For seasonal, recreational, or occasional use.....	6	15	130	39	16	79	2	80	188	9
For migrant workers.....	—	—	—	—	—	—	8	—	—	—
Other vacant.....	65	145	137	90	155	80	72	171	98	143
Boarded up.....	—	—	2	10	4	1	—	7	—	8
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	35	33	19	27	40	19	37	19	16	20
Less than 2 months.....	2	1	5	2	2	—	—	4	—	4
2 up to 6 months.....	15	15	3	8	2	8	13	—	4	8
6 or more months.....	18	17	11	17	36	11	24	15	12	8
Vacant-for-rent housing units.....	67	14	62	61	47	54	14	66	—	29
Less than 2 months.....	4	3	17	9	9	6	10	16	—	2
2 up to 6 months.....	14	—	17	10	8	16	2	14	—	22
6 or more months.....	49	11	28	42	30	32	2	36	—	5

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Muscatine County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County
All housing units.....	4 547	4 496	1 814	2 597	3 086	5 526	4 193	6 890	8 608	4 792
UNITS IN STRUCTURE										
1, detached.....	3 605	4 117	1 723	2 354	2 681	5 014	3 701	5 860	7 685	3 945
1, attached.....	17	22	5	12	7	47	14	66	53	35
2.....	12	61	9	7	32	57	63	95	81	39
3 or 4.....	14	87	10	40	68	55	133	46	137	108
5 or more.....	7	89	37	25	61	109	116	149	262	94
Mobile home or trailer.....	650	96	17	150	218	215	134	628	313	547
Other.....	242	24	13	9	19	29	32	46	77	24
YEAR STRUCTURE BUILT										
1989 to March 1990.....	80	22	2	—	49	21	31	175	105	47
1980 to 1988.....	709	233	76	166	218	385	293	967	747	486
1960 to 1979.....	1 768	1 009	381	613	758	1 722	986	3 251	3 090	1 962
1940 to 1959.....	483	990	336	370	541	908	858	936	1 297	685
1939 or earlier.....	1 507	2 242	1 019	1 448	1 520	2 490	2 025	1 561	3 369	1 612
ROOMS										
1 room.....	13	—	—	13	4	3	1	7	9	16
2 rooms.....	32	12	16	38	18	31	52	71	72	97
3 rooms.....	180	144	79	60	234	153	186	285	346	239
4 rooms.....	671	615	172	280	424	626	480	776	830	720
5 rooms.....	1 018	832	281	428	563	1 018	814	1 568	1 580	975
6 rooms.....	907	929	409	539	626	1 290	869	1 474	1 819	1 012
7 rooms.....	783	771	316	507	569	994	772	1 054	1 632	727
8 rooms.....	455	718	321	415	347	683	608	858	1 258	530
9 or more rooms.....	488	475	220	317	301	728	411	797	1 062	476
Median, all housing units.....	5.9	6.2	6.4	6.4	6.0	6.2	6.1	6.0	6.3	5.8
Median, occupied housing units.....	6.1	6.3	6.5	6.5	6.2	6.3	6.2	6.0	6.4	6.1
Median, owner-occupied housing units.....	6.1	6.4	6.5	6.6	6.3	6.3	6.4	6.2	6.5	6.2
Median, renter-occupied housing units.....	5.7	5.9	6.3	6.2	5.8	5.9	5.8	5.0	5.6	5.9
PLUMBING FACILITIES										
Complete plumbing facilities.....	4 462	4 459	1 776	2 531	3 004	5 469	4 130	6 828	8 549	4 737
Lacking complete plumbing facilities.....	85	37	38	66	82	57	63	62	59	55
KITCHEN FACILITIES										
Complete kitchen facilities.....	4 539	4 442	1 751	2 502	2 942	5 452	4 068	6 866	8 544	4 741
Lacking complete kitchen facilities.....	8	54	63	95	144	74	125	24	64	51
SOURCE OF WATER										
Public system or private company.....	758	3 682	1 100	1 707	1 631	2 991	2 866	4 387	3 815	3 869
Individual drilled well.....	3 387	312	197	592	1 206	1 748	1 040	2 140	3 978	665
Individual dug well.....	279	460	473	252	232	714	256	328	778	239
Some other source.....	123	42	44	46	17	73	31	35	37	19
SEWAGE DISPOSAL										
Public sewer.....	819	2 820	612	733	1 640	2 484	2 532	2 134	3 399	1 678
Septic tank or cesspool.....	3 597	1 650	1 181	1 774	1 398	2 921	1 616	4 658	5 135	3 060
Other means.....	131	26	21	90	48	121	45	98	74	54
TENURE										
Owner-occupied housing units.....	3 227	3 144	1 238	1 747	1 879	4 051	2 838	5 628	6 511	2 900
Renter-occupied housing units.....	763	953	447	572	714	1 208	982	1 056	1 692	958
PERSONS IN UNIT										
Occupied housing units.....	3 990	4 097	1 685	2 319	2 593	5 259	3 820	6 684	8 203	3 858
1 person.....	606	1 075	388	431	695	1 086	1 062	922	1 437	814
2 persons.....	1 356	1 525	577	897	920	1 784	1 393	2 216	2 918	1 457
3 persons.....	777	486	253	340	322	722	476	1 321	1 362	609
4 persons.....	801	535	262	379	314	824	537	1 407	1 520	595
5 persons.....	342	330	137	211	218	595	245	640	739	253
6 persons.....	62	122	47	40	77	179	89	104	182	95
7 or more persons.....	46	24	21	21	47	69	18	74	45	35
Median, occupied housing units.....	2.54	2.14	2.29	2.31	2.15	2.37	2.11	2.65	2.41	2.27
Median, owner-occupied housing units.....	2.49	2.10	2.26	2.25	2.09	2.34	2.10	2.69	2.44	2.23
Median, renter-occupied housing units.....	2.80	2.34	2.40	2.70	2.57	2.46	2.16	2.47	2.27	2.47
VACANCY STATUS										
Vacant housing units.....	557	399	129	278	493	267	373	206	405	934
For sale only.....	47	46	15	49	29	29	28	32	64	73
For rent.....	40	136	24	31	60	50	128	25	115	25
Rented or sold, not occupied.....	28	10	14	85	19	54	21	51	51	3
For seasonal, recreational, or occasional use.....	374	18	—	—	156	22	2	7	22	689
For migrant workers.....	—	—	—	—	—	—	—	—	—	—
Other vacant.....	68	189	76	113	229	112	194	91	153	144
Boarded up.....	17	—	2	11	15	12	35	6	21	—
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	47	46	15	49	29	29	28	32	64	73
Less than 2 months.....	—	4	—	14	1	7	2	6	8	7
2 up to 6 months.....	15	6	—	2	13	5	—	17	17	24
6 or more months.....	32	36	15	33	15	17	26	9	39	42
Vacant-for-rent housing units.....	40	136	24	31	60	50	128	25	115	25
Less than 2 months.....	2	14	7	3	15	2	34	11	35	16
2 up to 6 months.....	27	16	6	6	17	17	39	12	17	9
6 or more months.....	11	106	11	22	28	31	55	2	63	—

DETAILED HOUSING CHARACTERISTICS

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Ringgold County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County
All housing units.....	2 713	5 648	6 665	3 177	6 086	6 998	6 258	3 307	2 004	3 529
UNITS IN STRUCTURE										
1, detached.....	2 224	5 007	5 518	2 915	5 505	5 675	5 432	2 963	1 755	2 882
1, attached.....	6	16	74	7	39	38	46	6	—	14
2.....	19	73	75	27	79	134	71	29	19	33
3 or 4.....	43	196	179	76	165	231	189	111	28	178
5 or more.....	79	127	236	16	67	195	154	44	23	16
Mobile home or trailer.....	320	177	534	99	162	693	300	142	174	359
Other.....	22	52	49	37	69	32	66	12	5	47
YEAR STRUCTURE BUILT										
1989 to March 1990.....	22	23	61	8	36	49	11	5	13	33
1980 to 1988.....	322	262	783	163	344	577	413	183	120	326
1960 to 1979.....	718	1 452	3 324	698	1 726	2 987	1 528	884	650	1 014
1940 to 1959.....	389	1 289	900	544	1 038	983	997	471	261	402
1939 or earlier.....	1 262	2 622	1 597	1 764	2 942	2 402	3 309	1 764	960	1 754
ROOMS										
1 room.....	13	16	24	18	15	35	31	2	4	45
2 rooms.....	74	73	45	14	36	67	65	22	20	46
3 rooms.....	178	362	216	93	177	311	304	147	68	249
4 rooms.....	416	738	829	285	624	928	796	430	243	511
5 rooms.....	645	1 062	1 285	522	1 076	1 272	1 201	750	420	811
6 rooms.....	561	1 085	1 372	696	1 223	1 366	1 210	702	532	687
7 rooms.....	396	872	1 243	681	1 101	1 145	1 142	596	319	499
8 rooms.....	245	796	811	490	918	953	892	352	215	393
9 or more rooms.....	185	644	840	378	916	921	617	306	183	288
Median, all housing units.....	5.6	6.0	6.2	6.4	6.4	6.1	6.1	5.9	6.0	5.6
Median, occupied housing units.....	5.8	6.2	6.2	6.5	6.5	6.2	6.2	6.0	6.0	5.8
Median, owner-occupied housing units.....	5.9	6.3	6.5	6.5	6.6	6.5	6.3	6.2	6.1	5.9
Median, renter-occupied housing units.....	5.3	5.8	5.2	6.8	5.9	5.0	5.5	5.5	5.8	5.1
PLUMBING FACILITIES										
Complete plumbing facilities.....	2 654	5 569	6 647	3 143	6 021	6 940	6 090	3 226	1 961	3 307
Lacking complete plumbing facilities.....	59	79	18	34	65	58	168	81	43	222
KITCHEN FACILITIES										
Complete kitchen facilities.....	2 636	5 505	6 636	3 146	6 008	6 939	6 027	3 091	1 951	3 349
Lacking complete kitchen facilities.....	77	143	29	31	78	59	231	216	53	180
SOURCE OF WATER										
Public system or private company.....	1 785	3 970	3 193	1 660	4 946	4 296	3 929	2 170	1 071	2 877
Individual drilled well.....	443	968	3 142	872	642	2 487	1 906	643	469	260
Individual dug well.....	404	689	228	639	458	190	400	472	377	268
Some other source.....	81	21	102	6	40	25	23	22	87	124
SEWAGE DISPOSAL										
Public sewer.....	1 358	3 748	2 708	1 059	3 160	3 769	3 379	1 615	562	1 814
Septic tank or cesspool.....	1 249	1 828	3 910	2 047	2 832	3 160	2 744	1 634	1 411	1 497
Other means.....	106	72	47	71	94	69	135	58	31	218
TENURE										
Owner-occupied housing units.....	1 672	3 564	5 098	2 152	4 595	5 146	4 318	2 160	1 418	2 375
Renter-occupied housing units.....	546	1 350	1 322	763	1 235	1 548	1 356	699	407	681
PERSONS IN UNIT										
Occupied housing units.....	2 218	4 914	6 420	2 915	5 830	6 694	5 674	2 859	1 825	3 056
1 person.....	609	1 378	894	626	1 085	1 290	1 337	798	369	815
2 persons.....	880	1 771	2 158	1 046	1 879	2 416	2 176	1 076	712	1 110
3 persons.....	257	598	1 223	411	801	1 080	809	366	277	444
4 persons.....	274	660	1 309	424	949	1 146	797	345	290	392
5 persons.....	168	318	583	261	733	568	345	188	141	175
6 persons.....	23	146	195	128	284	170	138	65	26	77
7 or more persons.....	7	43	58	19	99	24	72	21	10	43
Median, occupied housing units.....	2.07	2.11	2.63	2.29	2.47	2.35	2.19	2.09	2.26	2.14
Median, owner-occupied housing units.....	2.10	2.11	2.67	2.24	2.45	2.42	2.19	2.11	2.25	2.16
Median, renter-occupied housing units.....	1.92	2.08	2.47	2.64	2.66	2.07	2.21	1.96	2.37	2.02
VACANCY STATUS										
Vacant housing units.....	495	734	245	262	256	304	584	448	179	473
For sale only.....	38	88	70	38	42	59	107	51	5	37
For rent.....	58	80	61	84	76	58	79	64	13	58
Rented or sold, not occupied.....	38	59	32	15	12	29	57	34	30	75
For seasonal, recreational, or occasional use.....	266	271	40	9	4	24	30	40	10	126
For migrant workers.....	—	—	—	—	—	—	—	—	—	—
Other vacant.....	95	236	42	116	122	134	311	259	121	177
Boarded up.....	1	4	5	14	18	14	18	14	5	6
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	38	88	70	38	42	59	107	51	5	37
Less than 2 months.....	—	11	6	5	6	8	17	—	1	5
2 up to 6 months.....	7	18	41	4	15	11	18	15	1	9
6 or more months.....	31	59	23	29	21	40	72	36	3	23
Vacant-for-rent housing units.....	58	80	61	84	76	58	79	64	13	58
Less than 2 months.....	17	14	27	7	6	16	7	6	2	19
2 up to 6 months.....	18	40	28	37	20	20	16	30	1	12
6 or more months.....	23	26	6	40	50	22	56	28	10	27

Table 96. **Occupancy and Social Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Wapello County	Warren County	Washington County	Wayne County	Webster County	Winnegago County	Winneshiek County	Woodbury County	Worth County	Wright County
All housing units.....	4 728	5 265	4 852	3 334	5 851	3 462	4 890	5 972	3 443	2 560
UNITS IN STRUCTURE										
1, detached.....	3 829	4 542	4 071	2 849	5 062	3 072	4 199	5 312	2 965	2 345
1, attached.....	8	29	40	17	29	16	12	10	23	12
2.....	15	9	51	50	46	78	96	41	76	14
3 or 4.....	31	41	164	123	139	90	69	92	105	35
5 or more.....	104	49	71	28	121	93	50	85	104	45
Mobile home or trailer.....	655	547	418	239	389	93	411	376	147	99
Other.....	86	48	37	28	65	20	53	56	23	10
YEAR STRUCTURE BUILT										
1989 to March 1990.....	61	87	31	14	18	24	72	28	—	16
1980 to 1988.....	425	638	379	271	310	239	339	533	171	118
1960 to 1979.....	1 808	2 372	1 478	1 065	1 940	1 067	1 264	1 871	947	684
1940 to 1959.....	933	661	686	412	1 194	754	737	871	614	490
1939 or earlier.....	1 501	1 507	2 278	1 572	2 389	1 378	2 478	2 669	1 711	1 252
ROOMS										
1 room.....	42	4	24	17	23	—	19	20	1	—
2 rooms.....	104	14	29	25	38	37	40	29	33	47
3 rooms.....	355	157	250	191	275	161	210	241	183	105
4 rooms.....	854	514	598	601	764	419	588	717	346	249
5 rooms.....	1 195	1 261	838	807	1 282	703	796	1 186	725	515
6 rooms.....	1 005	1 229	942	753	1 403	708	1 080	1 374	746	592
7 rooms.....	652	842	1 008	399	940	724	917	1 038	616	439
8 rooms.....	295	672	593	335	639	366	706	767	493	349
9 or more rooms.....	226	572	570	206	487	344	534	600	300	264
Median, all housing units.....	5.3	6.1	6.2	5.5	5.9	6.1	6.2	6.1	6.1	6.1
Median, occupied housing units.....	5.5	6.1	6.2	5.6	5.9	6.2	6.3	6.2	6.1	6.3
Median, owner-occupied housing units.....	5.6	6.1	6.4	5.8	6.1	6.4	6.3	6.3	6.4	6.4
Median, renter-occupied housing units.....	4.9	5.7	5.7	5.0	5.4	5.3	6.2	5.7	5.1	6.0
PLUMBING FACILITIES										
Complete plumbing facilities.....	4 564	5 220	4 786	3 268	5 773	3 445	4 809	5 846	3 418	2 500
Lacking complete plumbing facilities.....	164	45	66	66	78	17	81	126	25	60
KITCHEN FACILITIES										
Complete kitchen facilities.....	4 583	5 207	4 795	3 256	5 743	3 436	4 814	5 876	3 421	2 496
Lacking complete kitchen facilities.....	145	58	57	78	108	26	76	96	22	64
SOURCE OF WATER										
Public system or private company.....	3 218	2 169	2 382	2 857	2 987	1 994	1 597	2 964	1 941	987
Individual drilled well.....	751	1 832	2 076	212	2 144	1 353	3 091	2 361	1 410	1 426
Individual dug well.....	372	1 190	376	197	684	107	136	610	90	114
Some other source.....	387	74	18	68	36	8	66	37	2	33
SEWAGE DISPOSAL										
Public sewer.....	1 471	1 366	2 081	1 870	2 587	1 948	1 317	2 830	1 751	935
Septic tank or cesspool.....	3 115	3 747	2 687	1 330	3 189	1 496	3 460	2 996	1 657	1 517
Other means.....	142	152	84	134	75	18	113	146	35	108
TENURE										
Owner-occupied housing units.....	3 509	4 251	3 417	2 237	4 202	2 465	3 476	4 279	2 470	1 544
Renter-occupied housing units.....	766	766	1 162	716	1 259	755	1 078	1 244	769	596
PERSONS IN UNIT										
Occupied housing units.....	4 275	5 017	4 579	2 953	5 461	3 220	4 554	5 523	3 239	2 140
1 person.....	852	731	1 029	844	1 186	842	957	1 173	883	465
2 persons.....	1 584	1 745	1 542	1 152	1 983	1 194	1 495	1 930	1 168	887
3 persons.....	764	954	711	362	854	425	682	819	457	280
4 persons.....	698	946	751	373	859	455	746	920	463	320
5 persons.....	275	401	370	173	434	229	463	449	181	117
6 persons.....	66	180	111	35	107	63	135	188	72	63
7 or more persons.....	36	60	65	14	38	12	76	44	15	8
Median, occupied housing units.....	2.31	2.53	2.32	2.05	2.28	2.14	2.38	2.32	2.13	2.18
Median, owner-occupied housing units.....	2.31	2.48	2.32	2.06	2.28	2.15	2.42	2.32	2.16	2.12
Median, renter-occupied housing units.....	2.35	2.87	2.32	1.96	2.30	2.11	2.25	2.36	2.02	2.53
VACANCY STATUS										
Vacant housing units.....	453	248	273	381	390	242	336	449	204	420
For sale only.....	34	57	41	29	46	44	22	81	30	65
For rent.....	39	34	61	32	65	74	38	91	70	43
Rented or sold, not occupied.....	29	36	131	48	42	27	32	48	18	40
For seasonal, recreational, or occasional use.....	191	17	17	50	14	25	13	36	16	133
For migrant workers.....	—	—	—	—	—	—	—	—	—	2
Other vacant.....	160	104	23	222	223	72	231	193	70	137
Boarded up.....	18	4	1	17	14	—	16	—	—	8
DURATION OF VACANCY										
Vacant-for-sale-only housing units.....	34	57	41	29	46	44	22	81	30	65
Less than 2 months.....	7	7	1	—	6	4	2	8	—	6
2 up to 6 months.....	15	1	11	9	—	17	3	11	2	8
6 or more months.....	12	49	29	20	40	23	17	62	28	51
Vacant-for-rent housing units.....	39	34	61	32	65	74	38	91	70	43
Less than 2 months.....	21	7	15	10	28	19	—	34	10	9
2 up to 6 months.....	7	8	17	14	16	22	21	36	25	2
6 or more months.....	11	19	29	8	21	33	17	21	35	32

Table 97. Structural and Utilization Characteristics of Rural Housing Units: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	The State	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County
Occupied housing units -----	406 732	3 419	2 005	3 609	3 062	1 860	5 306	5 487	4 741	5 359
POPULATION										
All persons -----	1 093 895	8 409	4 866	9 836	7 807	4 796	14 492	15 490	12 794	14 274
Persons in occupied housing units -----	1 076 365	8 226	4 764	9 609	7 771	4 728	14 406	15 216	12 090	14 104
Per occupied housing unit -----	2.65	2.41	2.38	2.66	2.54	2.54	2.72	2.77	2.55	2.63
Owner-occupied housing units -----	833 877	6 025	3 454	7 689	6 506	3 349	11 332	12 297	9 210	11 101
Per owner-occupied housing unit -----	2.66	2.40	2.38	2.77	2.56	2.44	2.77	2.84	2.55	2.63
Renter-occupied housing units -----	242 488	2 201	1 310	1 920	1 265	1 379	3 074	2 919	2 880	3 003
Per renter-occupied housing unit -----	2.60	2.43	2.38	2.30	2.44	2.83	2.54	2.53	2.54	2.65
AGE OF HOUSEHOLDER										
Under 25 years -----	13 577	168	60	127	89	101	206	169	98	132
25 to 34 years -----	72 751	544	311	636	412	308	1 174	953	791	886
35 to 44 years -----	83 004	530	317	702	632	336	1 044	1 382	1 104	1 076
45 to 54 years -----	62 060	434	300	551	529	302	889	1 032	705	890
55 to 64 years -----	60 492	504	303	567	436	303	723	845	698	800
65 to 74 years -----	60 893	562	343	578	503	261	727	596	674	842
75 years and over -----	53 955	677	371	448	461	249	543	510	671	733
HOUSE HEATING FUEL										
Utility gas -----	137 842	1 705	879	459	628	664	199	2 297	2 184	2 377
Bottled, tank, or LP gas -----	148 516	973	651	1 213	1 317	588	1 938	1 710	1 713	1 385
Electricity -----	41 760	373	139	286	615	156	703	576	339	355
Fuel oil, kerosene, etc. -----	50 670	236	205	859	50	353	1 999	600	232	841
All other fuels -----	27 605	124	129	792	444	99	462	304	273	398
No fuel used -----	339	8	2	-	8	-	5	-	-	3
VEHICLES AVAILABLE										
None -----	17 491	211	108	230	136	77	157	133	244	207
1 -----	97 772	894	506	959	778	423	1 016	1 195	1 002	1 425
2 -----	170 832	1 416	828	1 425	1 220	821	2 300	2 287	1 928	2 172
3 or more -----	120 637	898	563	995	928	539	1 833	1 872	1 567	1 555
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990 -----	49 372	405	222	410	428	248	672	622	609	696
1985 to 1988 -----	83 947	710	393	723	610	278	1 155	1 146	1 039	913
1980 to 1984 -----	59 642	394	333	623	441	230	737	719	608	605
1979 or earlier -----	213 771	1 910	1 057	1 853	1 583	1 104	2 742	3 000	2 485	3 145
PERSONS PER ROOM										
0.50 or less -----	299 466	2 749	1 540	2 598	2 136	1 429	3 839	3 889	3 612	3 973
0.51 to 0.75 -----	69 917	474	301	620	532	309	1 013	988	719	987
0.76 to 1.00 -----	32 710	175	143	337	341	114	395	526	385	351
1.01 to 1.50 -----	3 927	19	19	48	46	6	50	84	23	40
1.51 or more -----	712	2	2	6	7	2	9	-	2	8
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities -----	403 055	3 397	1 996	3 579	2 965	1 848	5 292	5 443	4 700	5 333
1.01 or more -----	4 487	21	21	49	53	8	59	84	25	48
Lacking complete plumbing facilities -----	3 677	22	9	30	97	12	14	44	41	26
1.01 or more -----	152	-	-	5	-	-	-	-	-	-
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units -----	114 848	1 239	714	1 026	964	510	1 270	1 106	1 345	1 575
Owner occupied -----	98 096	1 018	609	868	872	451	1 124	935	1 094	1 345
1-person households -----	50 652	562	349	485	444	197	516	470	599	711
Built 1939 or earlier -----	51 487	541	410	567	465	206	547	354	579	691
Mean household income in 1989 (dollars) -----	20 795	19 455	16 176	20 732	18 443	19 216	22 593	20 816	21 400	19 457
Lacking complete plumbing facilities -----	1 728	13	6	12	49	-	6	14	14	11
No vehicle available -----	12 992	178	89	170	96	61	122	89	191	154
No telephone in unit -----	1 687	16	4	27	28	5	25	-	14	7
1-person households -----	1 182	13	4	14	14	5	16	-	10	7
Units in structure: -----										
1, detached or attached -----	98 640	1 019	612	840	827	467	1 090	966	1 187	1 407
2 or more -----	10 151	138	63	102	52	35	103	123	102	143
Mobile home, trailer, or other -----	6 057	82	39	84	85	8	77	17	56	25
Specified owner -----	61 597	668	358	533	455	270	718	573	629	949
Mean value (dollars) -----	36 900	29 900	28 400	39 700	21 100	24 600	43 300	42 100	40 200	36 500
Specified renter -----	14 189	201	91	154	88	54	137	140	166	203
Mean contract rent (dollars) -----	161	130	158	154	124	130	152	174	207	169
With meals included in rent -----	162	-	-	-	-	-	-	-	-	2
Mean contract rent (dollars) -----	447	-	-	-	-	-	-	-	-	263
No meals included in rent -----	11 966	162	81	121	65	45	119	121	149	176
No cash rent -----	2 061	39	10	33	23	9	18	19	17	25
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units -----	45 585	453	337	584	513	210	562	422	371	532
Renter occupied -----	18 453	215	145	198	143	94	225	216	170	260
Built 1939 or earlier -----	20 915	194	176	256	197	104	250	151	185	225
Lacking complete plumbing facilities -----	1 298	11	2	14	37	-	6	9	20	17
No vehicle available -----	7 267	99	30	117	54	43	58	50	76	66
No telephone in unit -----	4 735	36	33	56	116	14	54	26	67	51
1.01 or more persons per room -----	1 250	12	20	15	22	3	9	11	4	7

Table 97. Structural and Utilization Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Buchanan County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County
Occupied housing units	5 150	4 158	6 036	4 684	4 300	3 050	5 414	3 656	3 045	3 577
POPULATION										
All persons	14 872	11 196	15 731	11 508	11 844	7 696	14 383	9 552	8 072	9 635
Persons in occupied housing units	14 574	10 895	15 415	11 073	11 691	7 540	14 204	9 445	8 009	9 555
Per occupied housing unit	2.83	2.62	2.55	2.36	2.72	2.47	2.62	2.58	2.63	2.67
Owner-occupied housing units	11 520	7 907	12 152	8 086	9 287	5 584	10 659	7 482	5 686	7 725
Per owner-occupied housing unit	2.92	2.66	2.59	2.41	2.85	2.45	2.66	2.68	2.55	2.69
Renter-occupied housing units	3 054	2 988	3 263	2 987	2 404	1 956	3 545	1 963	2 323	1 830
Per renter-occupied housing unit	2.55	2.53	2.42	2.25	2.32	2.54	2.53	2.28	2.86	2.58
AGE OF HOUSEHOLDER										
Under 25 years	194	215	220	113	168	104	180	112	138	125
25 to 34 years	1 017	752	921	679	797	451	1 048	742	485	648
35 to 44 years	1 057	839	1 190	762	793	559	1 172	703	606	716
45 to 54 years	814	568	804	624	556	485	787	456	373	525
55 to 64 years	673	564	847	697	646	489	711	619	459	513
65 to 74 years	722	624	1 038	902	678	454	837	568	530	615
75 years and over	673	596	1 016	907	662	508	679	456	454	435
HOUSE HEATING FUEL										
Utility gas	1 658	2 030	3 231	2 626	1 395	1 220	2 005	1 359	1 069	1 071
Bottled, tank, or LP gas	1 991	1 145	1 494	1 180	1 402	1 408	1 528	1 844	1 072	1 293
Electricity	421	425	499	447	533	167	496	177	380	246
Fuel oil, kerosene, etc.	573	440	508	309	888	129	995	202	363	723
All other fuels	507	116	304	122	80	126	387	72	161	242
No fuel used	—	2	—	—	2	—	3	2	—	2
VEHICLES AVAILABLE										
None	322	147	303	261	278	148	243	123	101	138
1	1 334	1 050	1 610	1 605	1 027	780	1 215	904	780	846
2	2 130	1 888	2 429	1 849	1 832	1 267	2 398	1 632	1 352	1 588
3 or more	1 364	1 073	1 694	969	1 163	855	1 558	997	832	1 005
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	648	627	721	618	506	320	726	387	315	344
1985 to 1988	1 160	852	1 079	921	735	590	1 128	779	575	677
1980 to 1984	729	614	754	748	646	460	802	556	466	518
1979 or earlier	2 613	2 065	3 482	2 397	2 413	1 680	2 758	1 934	1 689	2 038
PERSONS PER ROOM										
0.50 or less	3 433	3 140	4 493	3 697	3 159	2 450	4 013	2 796	2 317	2 530
0.51 to 0.75	1 039	710	1 018	685	694	398	954	596	470	688
0.76 to 1.00	555	276	450	276	405	176	393	227	237	286
1.01 to 1.50	103	26	69	26	42	16	51	31	16	64
1.51 or more	20	6	6	—	—	10	3	6	5	9
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	4 970	4 136	5 984	4 636	4 287	3 020	5 388	3 641	3 035	3 524
1.01 or more	80	32	75	26	42	26	54	37	21	73
Lacking complete plumbing facilities	180	22	52	48	13	30	26	15	10	53
1.01 or more	43	—	—	—	—	—	—	—	—	—
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 395	1 220	2 054	1 809	1 340	962	1 516	1 024	984	1 050
Owner occupied	1 197	996	1 754	1 378	1 147	836	1 253	905	862	908
1-person households	610	583	927	968	674	493	600	426	434	467
Built 1939 or earlier	529	499	860	674	619	529	633	382	486	515
Mean household income in 1989 (dollars)	22 266	22 054	18 649	20 030	20 984	19 022	22 007	22 379	20 204	19 652
Lacking complete plumbing facilities	45	9	27	39	11	17	11	4	2	24
No vehicle available	141	125	243	232	229	112	189	68	91	101
No telephone in unit	45	8	21	34	16	12	6	19	8	7
1-person households	7	6	15	24	14	10	6	19	8	6
Units in structure:										
1, detached or attached	1 200	1 046	1 819	1 443	1 190	847	1 287	899	900	953
2 or more	86	134	174	318	121	71	152	58	53	74
Mobile home, trailer, or other	109	40	61	48	29	44	77	67	31	23
Specified owner	737	670	1 273	1 088	938	534	797	550	535	594
Mean value (dollars)	35 700	37 400	31 800	30 300	29 400	29 000	45 300	39 100	42 800	35 300
Specified renter	168	180	265	398	176	120	204	102	88	120
Mean contract rent (dollars)	141	166	138	194	127	145	229	164	125	136
With meals included in rent	2	—	—	41	—	2	6	—	—	—
Mean contract rent (dollars)	50	—	—	327	—	—	875	838	—	—
No meals included in rent	143	158	214	315	147	95	171	82	84	99
No cash rent	23	22	51	42	29	23	27	20	4	21
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	768	383	683	610	548	485	541	351	382	413
Renter occupied	352	189	263	252	173	184	214	150	218	112
Built 1939 or earlier	261	192	315	278	317	281	279	174	203	165
Lacking complete plumbing facilities	113	15	19	9	5	2	15	9	4	19
No vehicle available	166	57	126	101	117	72	79	59	51	45
No telephone in unit	178	43	55	51	24	47	38	40	22	29
1.01 or more persons per room	60	—	17	9	2	7	18	19	5	21

Table 97. **Structural and Utilization Characteristics of Rural Housing Units: 1990**—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Clarke County	Clay County	Clayton County	Clinton County	Crawford County	Dallas County	Davis County	Decatur County	Delaware County	Des Moines County
Occupied housing units	1 504	2 477	7 218	4 820	3 827	6 288	1 985	3 207	4 372	4 523
POPULATION										
All persons	4 123	6 519	19 054	13 464	10 171	17 287	5 732	8 338	12 845	12 323
Persons in occupied housing units	4 048	6 519	18 732	13 297	10 100	17 043	5 688	7 619	12 766	12 116
Per occupied housing unit	2.69	2.63	2.60	2.76	2.64	2.71	2.87	2.38	2.92	2.68
Owner-occupied housing units	3 194	4 524	14 274	10 073	7 486	13 446	4 817	5 537	9 906	9 820
Per owner-occupied housing unit	2.72	2.53	2.64	2.71	2.57	2.72	3.00	2.44	2.90	2.66
Renter-occupied housing units	854	1 995	4 458	3 224	2 614	3 597	871	2 082	2 860	2 296
Per renter-occupied housing unit	2.60	2.90	2.46	2.92	2.86	2.68	2.31	2.23	3.00	2.78
AGE OF HOUSEHOLDER										
Under 25 years	71	59	249	185	105	228	79	231	175	169
25 to 34 years	295	448	1 195	950	638	1 268	409	456	911	714
35 to 44 years	305	500	1 341	1 009	715	1 556	401	542	776	1 044
45 to 54 years	283	339	1 011	877	621	1 041	312	365	736	907
55 to 64 years	230	414	1 129	653	645	797	279	455	683	631
65 to 74 years	197	395	1 148	611	619	809	281	535	638	566
75 years and over	123	322	1 145	535	484	589	224	623	453	492
HOUSE HEATING FUEL										
Utility gas	45	731	2 511	433	356	2 262	30	1 376	1 145	1 795
Bottled, tank, or LP gas	867	1 074	1 843	2 124	1 687	2 685	1 004	932	1 998	1 711
Electricity	167	256	584	415	640	715	276	406	279	566
Fuel oil, kerosene, etc.	196	293	1 138	1 403	958	322	48	148	643	171
All other fuels	229	123	1 140	439	186	296	610	336	298	278
No fuel used	—	—	2	6	—	8	17	9	9	2
VEHICLES AVAILABLE										
None	22	83	492	154	220	170	156	342	144	86
1	263	572	2 166	1 038	843	1 363	386	1 039	974	1 054
2	587	1 107	2 979	1 995	1 629	2 620	746	1 081	1 980	1 891
3 or more	632	715	1 581	1 633	1 135	2 135	697	745	1 274	1 492
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	173	291	868	454	436	972	244	552	388	628
1985 to 1988	310	413	1 365	920	651	1 469	340	759	908	1 013
1980 to 1984	283	363	1 043	766	591	967	322	532	681	693
1979 or earlier	738	1 410	3 942	2 680	2 149	2 880	1 079	1 364	2 395	2 189
PERSONS PER ROOM										
0.50 or less	1 022	1 832	5 266	3 324	2 824	4 559	1 277	2 428	3 053	3 211
0.51 to 0.75	292	437	1 212	1 054	624	1 126	375	491	832	802
0.76 to 1.00	160	174	652	391	317	543	251	240	446	442
1.01 to 1.50	25	25	72	47	47	35	65	33	36	61
1.51 or more	5	9	16	4	15	25	17	15	5	7
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 480	2 475	7 160	4 775	3 786	6 222	1 907	3 152	4 339	4 473
1.01 or more	30	34	79	51	57	60	77	48	41	68
Lacking complete plumbing facilities	24	2	58	45	41	66	78	55	33	50
1.01 or more	—	—	9	—	5	—	5	—	—	—
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	320	717	2 293	1 146	1 103	1 398	505	1 158	1 091	1 058
Owner occupied	286	651	1 902	1 029	936	1 216	441	900	927	957
1-person households	107	335	1 117	473	495	571	161	564	416	438
Built 1939 or earlier	140	352	1 140	561	621	598	288	479	485	435
Mean household income in 1989 (dollars)	22 615	20 507	18 056	19 348	18 472	23 526	15 444	15 707	22 290	25 537
Lacking complete plumbing facilities	2	—	36	21	18	23	24	23	18	34
No vehicle available	15	60	349	107	169	127	47	240	121	62
No telephone in unit	2	2	52	28	5	11	17	21	20	10
1-person households	2	2	49	20	5	3	—	15	17	10
Units in structure:										
1, detached or attached	291	639	1 852	998	995	1 191	467	885	910	902
2 or more	15	28	312	26	78	116	9	192	105	38
Mobile home, trailer, or other	14	50	129	122	30	29	81	76	118	118
Specified owner	115	352	1 344	573	633	697	122	564	531	487
Mean value (dollars)	20 900	25 200	36 400	38 400	26 100	54 500	25 900	23 200	40 200	49 000
Specified renter	28	56	331	83	123	145	21	249	148	63
Mean contract rent (dollars)	130	109	160	177	119	159	79	161	140	210
With meals included in rent	—	—	12	—	—	—	—	3	—	4
Mean contract rent (dollars)	—	—	400	—	—	—	—	113	—	263
No meals included in rent	18	35	261	69	94	139	14	220	127	43
No cash rent	10	21	58	14	29	6	7	26	21	16
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	190	254	1 101	536	586	438	340	703	573	395
Renter occupied	65	97	479	186	240	170	105	352	240	175
Built 1939 or earlier	78	141	589	313	345	194	135	282	246	109
Lacking complete plumbing facilities	17	—	25	10	19	14	46	27	22	9
No vehicle available	10	33	193	78	114	62	79	173	78	26
No telephone in unit	35	9	110	33	38	39	87	76	54	58
1.01 or more persons per room	7	9	43	10	10	4	45	17	10	18

Table 97. **Structural and Utilization Characteristics of Rural Housing Units: 1990**—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Dickinson County	Dubuque County	Emmet County	Fayette County	Floyd County	Franklin County	Fremont County	Greene County	Grundy County	Guthrie County
Occupied housing units	4 573	6 825	1 778	5 834	3 418	2 827	3 217	2 334	4 776	4 407
POPULATION										
All persons	11 038	21 706	4 849	15 350	9 180	7 231	8 226	5 753	12 029	10 935
Persons in occupied housing units	10 736	21 369	4 704	14 889	9 083	7 175	8 031	5 713	11 832	10 677
Per occupied housing unit	2.35	3.13	2.65	2.55	2.66	2.54	2.50	2.45	2.48	2.42
Owner-occupied housing units	8 420	18 403	3 349	11 009	7 126	5 154	5 735	3 874	8 794	7 959
Per owner-occupied housing unit	2.37	3.23	2.56	2.53	2.67	2.48	2.46	2.38	2.48	2.39
Renter-occupied housing units	2 316	2 966	1 355	3 880	1 957	2 021	2 296	1 839	3 038	2 718
Per renter-occupied housing unit	2.26	2.64	2.89	2.62	2.63	2.69	2.58	2.61	2.48	2.52
AGE OF HOUSEHOLDER										
Under 25 years	145	259	71	216	118	115	84	84	140	132
25 to 34 years	694	1 395	275	995	556	429	533	391	819	721
35 to 44 years	916	1 689	333	1 110	650	575	587	432	821	724
45 to 54 years	573	1 256	279	826	625	364	403	264	792	655
55 to 64 years	709	946	294	874	538	448	467	373	622	699
65 to 74 years	891	733	288	816	472	447	528	366	838	764
75 years and over	645	547	238	997	459	449	615	424	744	712
HOUSE HEATING FUEL										
Utility gas	2 071	1 654	282	1 900	1 404	752	1 368	718	2 521	1 902
Bottled, tank, or LP gas	1 372	2 156	840	1 789	1 024	1 017	1 141	1 076	1 112	1 514
Electricity	871	552	218	473	233	244	194	175	351	411
Fuel oil, kerosene, etc.	140	1 631	386	1 204	495	749	334	240	692	289
All other fuels	115	832	52	464	259	58	172	123	92	286
No fuel used	4	—	—	4	3	7	8	2	8	5
VEHICLES AVAILABLE										
None	144	173	31	306	137	116	210	86	242	246
1	1 372	1 389	391	1 596	708	701	819	584	1 381	1 236
2	2 070	3 161	800	2 444	1 488	1 119	1 298	975	1 979	1 833
3 or more	987	2 102	556	1 488	1 085	891	890	689	1 174	1 092
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	704	770	214	660	453	327	451	213	523	644
1985 to 1988	1 017	1 389	332	1 072	626	562	791	418	936	817
1980 to 1984	737	975	232	875	358	322	393	348	653	727
1979 or earlier	2 115	3 691	1 000	3 227	1 981	1 616	1 582	1 355	2 664	2 219
PERSONS PER ROOM										
0.50 or less	3 627	4 278	1 391	4 380	2 560	2 207	2 442	1 831	3 735	3 517
0.51 to 0.75	640	1 435	237	1 022	579	451	506	317	773	602
0.76 to 1.00	265	959	144	368	259	154	224	171	251	241
1.01 to 1.50	38	139	4	54	18	8	39	13	15	45
1.51 or more	3	14	2	10	2	7	6	2	2	2
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	4 560	6 795	1 770	5 805	3 391	2 802	3 209	2 294	4 772	4 356
1.01 or more	41	153	6	64	20	15	45	13	17	47
Lacking complete plumbing facilities	13	30	8	29	27	25	8	40	4	51
1.01 or more	—	—	—	—	—	—	—	2	—	—
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 536	1 280	526	1 813	931	896	1 143	790	1 582	1 476
Owner occupied	1 362	1 178	463	1 499	827	786	902	651	1 339	1 248
1-person households	651	514	214	937	366	415	544	377	756	722
Built 1939 or earlier	520	482	218	898	442	431	520	431	511	752
Mean household income in 1989 (dollars)	25 968	24 335	25 746	16 786	26 694	22 008	20 041	21 405	22 628	19 791
Lacking complete plumbing facilities	2	20	3	12	9	11	2	18	2	32
No vehicle available	106	132	23	233	102	89	133	80	189	198
No telephone in unit	22	13	9	27	5	11	18	14	4	42
1-person households	18	9	7	22	5	2	15	12	4	25
Units in structure:										
1, detached or attached	1 345	1 139	461	1 474	822	810	977	680	1 355	1 284
2 or more	130	68	35	205	57	43	122	85	188	160
Mobile home, trailer, or other	61	73	30	134	52	43	44	25	39	32
Specified owner	1 084	661	313	900	481	484	624	376	1 051	884
Mean value (dollars)	73 000	57 500	31 300	30 200	35 500	30 600	34 600	24 000	38 200	31 300
Specified renter	154	88	47	278	88	72	200	123	213	228
Mean contract rent (dollars)	206	212	148	145	137	132	145	120	160	153
With meals included in rent	1	—	—	—	—	—	2	—	—	—
Mean contract rent (dollars)	1 250	—	—	—	—	—	163	—	—	—
No meals included in rent	135	69	38	239	84	69	178	107	199	199
No cash rent	18	19	9	39	4	3	20	16	14	29
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	383	616	192	792	441	332	444	253	483	580
Renter occupied	176	198	55	350	197	130	217	120	220	260
Built 1939 or earlier	134	234	100	369	295	165	173	144	172	242
Lacking complete plumbing facilities	6	2	3	13	18	10	6	2	2	14
No vehicle available	63	54	12	137	61	52	104	36	87	108
No telephone in unit	43	13	8	70	85	15	68	24	25	68
1.01 or more persons per room	20	16	—	17	5	7	18	9	2	12

Table 97. **Structural and Utilization Characteristics of Rural Housing Units: 1990**—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Hamilton County	Hancock County	Hardin County	Harrison County	Henry County	Howard County	Humboldt County	Ida County	Iowa County	Jackson County
Occupied housing units	3 153	3 587	4 260	4 499	4 184	2 300	2 445	3 222	5 713	4 959
POPULATION										
All persons	8 177	9 367	10 632	11 842	11 199	6 140	6 318	8 365	14 630	13 839
Persons in occupied housing units	8 098	9 213	10 474	11 609	11 053	6 039	6 313	8 160	14 350	13 754
Per occupied housing unit	2.57	2.57	2.46	2.58	2.64	2.63	2.58	2.53	2.51	2.77
Owner-occupied housing units	5 736	6 590	7 522	8 764	8 581	4 767	4 554	6 129	11 345	10 842
Per owner-occupied housing unit	2.59	2.56	2.42	2.59	2.63	2.63	2.49	2.65	2.61	2.81
Renter-occupied housing units	2 362	2 623	2 952	2 845	2 472	1 272	1 759	2 031	3 005	2 912
Per renter-occupied housing unit	2.51	2.60	2.56	2.55	2.68	2.62	2.85	2.22	2.20	2.63
AGE OF HOUSEHOLDER										
Under 25 years	45	138	114	158	131	64	65	135	215	122
25 to 34 years	617	764	705	764	776	364	409	637	1 054	889
35 to 44 years	644	651	748	808	943	405	428	524	1 109	930
45 to 54 years	429	447	638	595	631	328	344	400	679	821
55 to 64 years	475	517	638	677	502	413	446	503	871	924
65 to 74 years	504	564	709	730	609	377	438	540	932	713
75 years and over	439	506	708	767	592	349	315	483	853	560
HOUSE HEATING FUEL										
Utility gas	973	1 613	1 837	1 355	1 495	46	603	1 690	2 848	1 497
Bottled, tank, or LP gas	1 700	1 176	1 389	1 609	1 665	1 521	1 231	571	1 077	1 239
Electricity	180	297	358	548	511	147	235	456	506	261
Fuel oil, kerosene, etc.	223	364	555	577	162	419	311	406	983	1 132
All other fuels	77	128	119	391	351	167	65	96	299	830
No fuel used	—	9	2	19	—	—	—	3	—	—
VEHICLES AVAILABLE										
None	117	163	237	293	197	163	52	173	341	248
1	752	925	1 180	1 189	994	506	570	917	1 537	1 174
2	1 244	1 445	1 737	1 835	1 706	1 063	1 147	1 314	2 403	2 131
3 or more	1 040	1 054	1 106	1 182	1 287	568	676	818	1 432	1 406
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	343	430	448	625	577	207	260	408	668	501
1985 to 1988	721	702	800	927	872	433	416	662	1 228	1 034
1980 to 1984	437	520	686	619	671	305	326	519	806	725
1979 or earlier	1 652	1 935	2 326	2 328	2 064	1 355	1 443	1 633	3 011	2 699
PERSONS PER ROOM										
0.50 or less	2 484	2 695	3 384	3 304	2 996	1 774	1 927	2 485	4 393	3 520
0.51 to 0.75	446	544	623	766	748	306	312	508	855	890
0.76 to 1.00	213	284	242	356	377	187	197	206	417	483
1.01 to 1.50	10	61	11	67	51	33	5	17	48	57
1.51 or more	—	3	—	6	12	—	4	6	—	9
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	3 138	3 565	4 256	4 459	4 148	2 265	2 441	3 211	5 673	4 914
1.01 or more	10	64	11	73	63	33	9	23	48	59
Lacking complete plumbing facilities	15	22	4	40	36	35	4	11	40	45
1.01 or more	—	—	—	—	—	—	—	—	—	7
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	943	1 070	1 417	1 497	1 201	726	753	1 023	1 785	1 273
Owner occupied	764	898	1 154	1 200	1 019	617	653	826	1 477	1 099
1-person households	397	519	707	737	538	347	355	519	829	546
Built 1939 or earlier	489	398	580	819	562	394	412	461	852	542
Mean household income in 1989 (dollars)	22 091	19 937	20 164	17 699	20 505	18 251	23 000	20 810	21 184	19 731
Lacking complete plumbing facilities	9	22	2	4	19	17	—	5	17	19
No vehicle available	92	124	189	217	153	123	40	140	296	178
No telephone in unit	7	12	15	51	25	20	6	9	2	41
1-person households	6	7	15	27	13	18	2	7	—	26
Units in structure:										
1, detached or attached	809	937	1 187	1 301	979	638	686	845	1 452	1 052
2 or more	116	106	169	144	123	52	47	148	295	115
Mobile home, trailer, or other	18	27	61	52	99	36	20	30	38	106
Specified owner	440	663	829	824	580	335	409	662	1 049	681
Mean value (dollars)	31 100	31 300	32 100	34 300	36 900	27 000	26 200	31 800	45 500	42 500
Specified renter	142	150	229	238	158	95	77	183	295	157
Mean contract rent (dollars)	157	165	167	143	181	107	132	175	171	153
With meals included in rent	—	5	—	—	5	—	—	5	—	—
Mean contract rent (dollars)	—	137	—	—	380	—	—	572	—	—
No meals included in rent	131	137	193	228	136	83	73	164	247	136
No cash rent	11	8	36	10	17	12	4	14	48	21
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	268	372	523	623	446	341	277	416	517	728
Renter occupied	133	164	252	269	170	134	138	165	184	249
Built 1939 or earlier	135	178	230	349	222	169	137	233	281	333
Lacking complete plumbing facilities	2	6	2	24	15	2	2	2	10	23
No vehicle available	46	75	118	124	77	79	31	59	87	122
No telephone in unit	20	43	38	109	57	22	17	13	34	70
1.01 or more persons per room	4	9	1	37	25	—	—	—	15	5

Table 97. Structural and Utilization Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Jasper County	Jefferson County	Johnson County	Jones County	Keokuk County	Kossuth County	Lee County	Linn County	Louisa County	Lucas County
Occupied housing units	7 406	2 455	7 749	3 921	4 573	4 768	5 292	10 258	4 296	1 743
POPULATION										
All persons	20 014	6 542	21 814	10 822	11 624	12 576	14 618	29 091	11 592	4 454
Persons in occupied housing units	19 574	6 500	21 562	10 788	11 436	12 392	14 325	28 879	11 394	4 426
Per occupied housing unit	2.64	2.65	2.78	2.75	2.50	2.60	2.71	2.82	2.65	2.54
Owner-occupied housing units	15 488	5 238	17 080	8 090	9 031	9 161	11 995	24 224	8 562	3 585
Per owner-occupied housing unit	2.66	2.74	2.74	2.69	2.53	2.58	2.70	2.88	2.68	2.50
Renter-occupied housing units	4 086	1 262	4 482	2 698	2 405	3 231	2 330	4 655	2 832	841
Per renter-occupied housing unit	2.57	2.32	2.94	2.94	2.39	2.67	2.74	2.51	2.58	2.74
AGE OF HOUSEHOLDER										
Under 25 years	249	47	236	84	143	121	104	274	219	42
25 to 34 years	1 429	393	1 502	767	837	800	1 022	1 698	897	250
35 to 44 years	1 634	680	2 093	823	740	966	1 184	2 540	787	339
45 to 54 years	1 167	439	1 362	615	570	598	849	2 070	711	265
55 to 64 years	1 129	313	1 014	586	689	813	827	1 560	567	308
65 to 74 years	1 025	333	933	604	748	757	724	1 157	528	330
75 years and over	773	250	609	442	846	713	582	959	587	209
HOUSE HEATING FUEL										
Utility gas	2 515	237	3 392	439	1 513	958	1 475	3 126	2 067	8
Bottled, tank, or LP gas	2 829	1 248	2 680	2 150	1 556	1 993	1 448	3 718	1 347	1 013
Electricity	858	444	554	194	622	359	1 565	1 059	480	223
Fuel oil, kerosene, etc.	829	189	574	690	583	1 324	1 68	1 517	156	199
All other fuels	369	335	532	448	299	130	631	831	243	300
No fuel used	6	2	17	—	—	4	5	7	3	—
VEHICLES AVAILABLE										
None	274	56	313	120	256	164	135	317	233	62
1	1 550	527	1 412	881	1 226	1 280	1 165	1 845	1 049	370
2	3 252	1 014	3 394	1 629	1 826	1 964	2 279	4 253	1 758	736
3 or more	2 330	858	2 630	1 291	1 265	1 360	1 713	3 843	1 256	575
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	930	340	906	435	542	383	591	1 152	554	193
1985 to 1988	1 638	546	2 052	751	778	854	1 133	2 326	926	343
1980 to 1984	1 011	343	1 297	510	691	684	847	1 500	615	256
1979 or earlier	3 827	1 226	3 494	2 225	2 562	2 847	2 721	5 280	2 201	951
PERSONS PER ROOM										
0.50 or less	5 435	1 814	5 794	2 865	3 463	3 694	3 714	7 251	3 000	1 292
0.51 to 0.75	1 300	408	1 325	639	664	703	998	2 035	826	321
0.76 to 1.00	601	194	546	348	402	340	515	844	394	117
1.01 to 1.50	49	31	69	59	42	31	64	113	64	13
1.51 or more	21	8	15	10	2	—	1	15	12	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	7 342	2 409	7 697	3 892	4 513	4 740	5 240	10 215	4 265	1 691
1.01 or more	68	39	84	69	44	31	65	122	76	13
Lacking complete plumbing facilities	64	46	52	29	60	28	52	43	31	52
1.01 or more	2	—	—	—	—	—	—	6	—	—
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 798	583	1 542	1 046	1 594	1 470	1 306	2 116	1 115	539
Owner occupied	1 557	513	1 353	907	1 375	1 311	1 118	1 782	956	505
1-person households	729	232	588	437	759	684	519	892	541	193
Built 1939 or earlier	831	261	670	452	815	704	388	737	531	306
Mean household income in 1989 (dollars)	22 663	20 567	26 787	18 942	20 398	20 099	19 706	22 228	18 456	20 502
Lacking complete plumbing facilities	45	36	29	15	29	5	32	17	26	23
No vehicle available	204	46	188	103	203	120	108	221	149	52
No telephone in unit	7	20	26	12	35	10	16	18	27	38
1-person households	7	16	23	12	28	10	16	10	10	28
Units in structure:										
1, detached or attached	1 558	510	1 223	893	1 364	1 336	1 006	1 799	952	461
2 or more	165	29	131	67	140	95	88	221	67	17
Mobile home, trailer, or other	75	44	188	86	90	39	212	96	96	61
Specified owner	947	218	590	512	955	889	584	1 098	581	176
Mean value (dollars)	40 700	39 400	69 800	35 800	28 000	27 700	44 400	54 000	37 800	26 900
Specified renter	204	37	152	100	192	147	137	282	145	26
Mean contract rent (dollars)	183	194	309	137	131	152	158	151	168	167
With meals included in rent	—	—	27	—	—	—	—	8	—	—
Mean contract rent (dollars)	—	—	585	—	—	—	—	163	—	—
No meals included in rent	186	37	84	86	175	113	103	241	107	26
No cash rent	18	—	41	14	17	34	34	33	38	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	466	271	490	483	650	555	493	737	537	227
Renter occupied	229	82	248	174	277	203	121	308	253	75
Built 1939 or earlier	190	126	203	269	346	282	123	221	203	142
Lacking complete plumbing facilities	4	22	8	14	24	—	18	4	17	25
No vehicle available	61	29	127	64	126	68	50	105	107	30
No telephone in unit	56	50	68	36	112	37	48	63	102	38
1.01 or more persons per room	10	—	12	11	12	7	30	37	22	—

DETAILED HOUSING CHARACTERISTICS

Table 97. **Structural and Utilization Characteristics of Rural Housing Units: 1990**—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Lyon County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County
Occupied housing units	3 221	2 978	3 969	4 516	4 916	2 934	2 745	2 829	1 600	2 239
POPULATION										
All persons	9 351	8 287	10 890	12 499	13 098	8 631	7 489	7 098	4 244	5 812
Persons in occupied housing units	9 272	8 206	10 713	12 451	12 918	8 033	7 266	6 932	4 244	5 689
Per occupied housing unit	2.88	2.76	2.70	2.76	2.63	2.74	2.65	2.45	2.65	2.54
Owner-occupied housing units	7 145	6 234	7 918	9 874	10 109	6 388	5 594	4 928	3 650	4 192
Per owner-occupied housing unit	2.84	2.71	2.65	2.70	2.67	2.76	2.59	2.33	2.71	2.51
Renter-occupied housing units	2 127	1 972	2 795	2 577	2 809	1 645	1 672	2 004	594	1 497
Per renter-occupied housing unit	3.01	2.90	2.86	2.99	2.49	2.64	2.84	2.81	2.37	2.64
AGE OF HOUSEHOLDER										
Under 25 years	114	95	169	123	181	55	69	83	49	59
25 to 34 years	641	618	801	809	864	527	449	415	282	411
35 to 44 years	682	691	817	1 013	1 021	681	568	430	330	432
45 to 54 years	329	463	505	928	768	513	367	413	187	276
55 to 64 years	502	398	686	607	734	445	456	387	241	362
65 to 74 years	480	430	605	594	757	375	446	593	290	372
75 years and over	473	283	386	442	591	338	390	508	221	327
HOUSE HEATING FUEL										
Utility gas	941	697	1 249	1 659	838	1 074	432	708	244	795
Bottled, tank, or LP gas	1 162	1 427	1 699	1 763	2 485	1 083	1 333	851	828	1 025
Electricity	195	308	441	372	427	289	214	268	152	255
Fuel oil, kerosene, etc.	826	184	314	283	984	272	574	702	40	109
All other fuels	97	362	266	439	182	216	192	300	336	52
No fuel used	—	—	—	—	—	—	—	—	—	3
VEHICLES AVAILABLE										
None	116	97	119	205	137	121	152	148	83	109
1	757	554	922	912	1 086	580	639	804	318	555
2	1 435	1 119	1 708	1 919	1 945	1 264	1 102	1 142	610	912
3 or more	913	1 208	1 220	1 480	1 748	969	852	735	589	663
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	338	429	546	594	543	393	283	349	161	346
1985 to 1988	572	759	845	1 011	989	576	544	537	302	516
1980 to 1984	468	394	631	698	684	579	406	360	288	269
1979 or earlier	1 843	1 396	1 947	2 213	2 700	1 386	1 512	1 583	849	1 108
PERSONS PER ROOM										
0.50 or less	2 299	2 004	2 843	3 122	3 761	2 031	2 127	2 184	1 098	1 743
0.51 to 0.75	596	661	732	908	790	567	420	438	281	366
0.76 to 1.00	269	274	347	453	312	291	168	198	184	119
1.01 to 1.50	40	35	40	33	47	44	24	7	32	5
1.51 or more	17	4	7	—	6	1	6	2	5	6
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	3 202	2 932	3 943	4 403	4 903	2 913	2 686	2 810	1 560	2 221
1.01 or more	57	35	40	33	53	45	17	9	32	5
Lacking complete plumbing facilities	19	46	26	113	13	21	59	19	40	18
1.01 or more	—	4	7	—	—	—	13	—	5	6
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	953	713	991	1 036	1 348	713	836	1 101	511	699
Owner occupied	889	618	845	923	1 149	627	732	937	479	603
1-person households	401	279	364	396	627	364	342	484	172	314
Built 1939 or earlier	414	340	463	481	633	363	411	621	240	416
Mean household income in 1989 (dollars)	18 569	19 802	21 002	18 928	22 457	21 450	22 163	20 022	18 460	18 348
Lacking complete plumbing facilities	15	19	11	70	9	21	26	15	23	10
No vehicle available	109	69	92	131	96	89	111	130	56	81
No telephone in unit	18	11	21	21	4	13	25	14	7	13
1-person households	18	11	11	9	—	11	14	11	2	7
Units in structure:										
1, detached or attached	898	580	822	879	1 178	630	749	957	437	602
2 or more	23	75	95	56	121	26	58	75	4	64
Mobile home, trailer, or other	32	58	74	101	49	57	29	69	70	33
Specified owner	635	236	457	490	615	361	479	587	187	338
Mean value (dollars)	30 400	39 000	37 300	36 800	37 000	36 200	32 300	29 200	29 700	31 000
Specified renter	41	81	130	96	162	56	80	141	10	89
Mean contract rent (dollars)	124	123	138	147	190	165	154	131	188	195
With meals included in rent	—	—	—	—	—	—	2	—	—	6
Mean contract rent (dollars)	—	—	—	—	—	—	313	—	—	875
No meals included in rent	34	77	109	73	144	37	68	107	8	67
No cash rent	7	4	21	23	18	19	10	34	2	16
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	448	285	466	419	351	314	326	413	251	324
Renter occupied	123	128	190	152	142	135	98	160	63	126
Built 1939 or earlier	231	135	200	213	116	144	133	240	118	177
Lacking complete plumbing facilities	2	22	18	28	—	—	23	11	11	—
No vehicle available	62	37	59	95	37	54	56	68	24	46
No telephone in unit	33	42	43	67	38	25	35	31	46	41
1.01 or more persons per room	33	23	12	3	12	5	15	2	9	2

Table 97. **Structural and Utilization Characteristics of Rural Housing Units: 1990**—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Muscatine County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County
Occupied housing units	3 990	4 097	1 685	2 319	2 593	5 259	3 820	6 684	8 203	3 858
POPULATION										
All persons	11 473	10 578	4 452	6 193	6 729	14 934	9 525	19 575	22 755	10 131
Persons in occupied housing units	11 257	10 279	4 446	6 193	6 633	14 772	9 316	19 207	22 517	9 976
Per occupied housing unit	2.82	2.51	2.64	2.67	2.56	2.81	2.44	2.87	2.74	2.59
Owner-occupied housing units	8 953	7 856	3 191	4 697	4 746	11 578	6 908	16 371	18 083	7 362
Per owner-occupied housing unit	2.77	2.50	2.58	2.69	2.53	2.86	2.43	2.91	2.78	2.54
Renter-occupied housing units	2 304	2 423	1 255	1 496	1 887	3 194	2 408	2 836	4 434	2 614
Per renter-occupied housing unit	3.02	2.54	2.81	2.62	2.64	2.64	2.45	2.69	2.62	2.73
AGE OF HOUSEHOLDER										
Under 25 years	116	169	58	74	88	180	98	238	207	171
25 to 34 years	822	718	345	338	423	969	637	1 303	1 458	608
35 to 44 years	1 015	703	253	490	425	1 014	643	1 718	1 782	828
45 to 54 years	739	502	227	394	317	726	591	1 394	1 492	570
55 to 64 years	508	571	264	351	452	944	555	874	1 290	560
65 to 74 years	489	726	292	389	400	751	652	575	1 082	688
75 years and over	301	708	246	283	488	675	644	582	892	433
HOUSE HEATING FUEL										
Utility gas	1 603	2 406	209	318	994	1 728	1 679	2 414	3 603	954
Bottled, tank, or LP gas	1 649	881	801	1 184	946	2 148	1 049	2 945	2 802	1 433
Electricity	328	538	199	282	242	685	360	681	856	563
Fuel oil, kerosene, etc.	170	209	418	352	326	586	654	381	448	757
All other fuels	227	63	58	199	85	107	73	254	466	151
No fuel used	13	—	—	3	—	5	5	9	28	—
VEHICLES AVAILABLE										
None	69	206	62	68	117	180	210	135	310	109
1	920	1 187	387	417	745	1 265	1 177	1 257	1 677	1 035
2	1 514	1 836	768	965	1 150	2 280	1 514	2 936	3 386	1 471
3 or more	1 487	868	468	869	581	1 534	919	2 356	2 830	1 243
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	424	502	172	190	322	561	446	978	882	527
1985 to 1988	1 003	747	300	498	483	1 094	722	1 566	1 835	803
1980 to 1984	752	696	249	361	382	816	549	987	1 116	517
1979 or earlier	1 811	2 152	964	1 270	1 406	2 788	2 103	3 153	4 370	2 011
PERSONS PER ROOM										
0.50 or less	2 727	3 266	1 328	1 693	1 967	3 805	3 044	4 433	5 947	2 926
0.51 to 0.75	745	556	223	454	390	935	527	1 473	1 534	662
0.76 to 1.00	452	243	112	156	176	461	239	617	642	246
1.01 to 1.50	55	28	22	7	58	53	10	129	73	24
1.51 or more	11	4	—	9	2	5	—	32	7	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	3 940	4 082	1 669	2 301	2 566	5 229	3 798	6 631	8 175	3 823
1.01 or more	56	32	22	16	60	58	10	161	80	24
Lacking complete plumbing facilities	50	15	16	18	27	30	22	53	28	35
1.01 or more	10	—	—	—	—	—	—	—	—	—
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	790	1 434	538	672	888	1 426	1 296	1 157	1 974	1 121
Owner occupied	687	1 258	491	575	745	1 255	1 081	1 006	1 652	949
1-person households	257	697	288	256	427	601	646	387	865	428
Built 1939 or earlier	433	574	249	353	402	615	614	392	917	490
Mean household income in 1989 (dollars)	23 191	20 609	20 139	20 472	19 695	21 381	20 791	25 818	21 945	19 922
Lacking complete plumbing facilities	23	2	2	12	6	11	9	17	5	19
No vehicle available	37	149	52	54	103	142	159	85	228	93
No telephone in unit	6	4	4	19	19	21	16	20	16	3
1-person households	—	4	4	13	9	21	13	20	14	3
Units in structure:										
1, detached or attached	670	1 312	490	597	765	1 271	1 098	1 008	1 741	947
2 or more	5	101	36	34	98	108	168	72	183	123
Mobile home, trailer, or other	115	21	12	41	25	47	30	77	50	51
Specified owner	280	976	306	275	529	851	830	508	1 015	577
Mean value (dollars)	50 400	32 000	22 800	35 100	28 200	43 400	29 700	53 300	44 000	39 100
Specified renter	35	151	40	74	134	157	181	119	265	159
Mean contract rent (dollars)	245	143	140	131	157	215	183	232	183	151
With meals included in rent	—	—	—	—	—	—	—	4	—	—
Mean contract rent (dollars)	—	—	—	—	—	—	—	257	—	—
No meals included in rent	18	116	40	45	108	125	175	109	227	135
No cash rent	17	35	—	29	26	32	6	6	38	24
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	372	555	192	237	373	553	418	335	751	436
Renter occupied	136	263	80	95	148	179	174	137	261	224
Built 1939 or earlier	165	269	108	131	210	280	195	124	371	148
Lacking complete plumbing facilities	10	12	2	5	12	4	5	7	12	5
No vehicle available	17	84	18	39	51	70	47	61	142	50
No telephone in unit	65	31	5	21	13	35	42	31	52	23
1.01 or more persons per room	3	4	15	2	1	16	6	22	18	—

Table 97. **Structural and Utilization Characteristics of Rural Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Ringgold County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County
Occupied housing units	2 218	4 914	6 420	2 915	5 830	6 694	5 674	2 859	1 825	3 056
POPULATION										
All persons	5 420	12 324	18 667	8 082	17 320	18 091	14 722	7 114	4 839	7 676
Persons in occupied housing units	5 281	12 095	18 647	7 834	17 138	18 025	14 361	6 932	4 753	7 554
Per occupied housing unit	2.38	2.46	2.90	2.69	2.94	2.69	2.53	2.42	2.60	2.47
Owner-occupied housing units	3 964	8 712	14 990	5 780	13 598	14 377	10 897	5 278	3 641	6 138
Per owner-occupied housing unit	2.37	2.44	2.94	2.69	2.96	2.79	2.52	2.44	2.57	2.58
Renter-occupied housing units	1 317	3 383	3 657	2 054	3 540	3 648	3 464	1 654	1 112	1 416
Per renter-occupied housing unit	2.41	2.51	2.77	2.69	2.87	2.36	2.55	2.37	2.73	2.08
AGE OF HOUSEHOLDER										
Under 25 years	71	167	263	66	253	304	193	95	53	89
25 to 34 years	276	846	1 247	568	1 098	1 350	956	362	339	531
35 to 44 years	366	873	1 705	520	1 233	1 762	982	539	286	509
45 to 54 years	323	459	1 246	355	938	980	852	340	255	362
55 to 64 years	343	712	830	502	881	839	831	416	277	469
65 to 74 years	418	906	728	507	790	819	892	536	350	530
75 years and over	421	951	401	397	637	640	968	571	265	566
HOUSE HEATING FUEL										
Utility gas	600	1 741	3 391	891	2 262	2 764	2 306	1 009	482	524
Bottled, tank, or LP gas	842	1 532	1 890	836	1 713	2 614	1 617	910	804	1 275
Electricity	306	582	485	470	639	639	400	417	215	465
Fuel oil, kerosene, etc.	308	983	402	572	751	473	941	286	87	265
All other fuels	162	68	252	146	149	199	410	237	237	525
No fuel used	—	8	—	—	4	5	—	—	—	2
VEHICLES AVAILABLE										
None	99	319	191	91	211	172	302	163	88	231
1	625	1 450	1 162	713	1 314	1 531	1 494	912	372	826
2	923	2 045	2 901	1 256	2 761	2 956	2 230	1 014	707	1 183
3 or more	571	1 100	2 166	855	1 544	2 035	1 648	770	658	816
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	271	644	1 056	258	680	1 004	616	374	154	416
1985 to 1988	449	985	1 460	501	1 074	1 715	1 070	640	438	743
1980 to 1984	306	626	981	460	808	1 065	811	424	277	430
1979 or earlier	1 192	2 659	2 923	1 696	3 268	2 910	3 177	1 421	956	1 467
PERSONS PER ROOM										
0.50 or less	1 755	3 908	4 331	2 224	4 063	4 884	4 340	2 243	1 360	2 329
0.51 to 0.75	277	717	1 303	483	1 176	1 152	813	452	341	467
0.76 to 1.00	160	257	708	188	509	590	443	141	122	203
1.01 to 1.50	15	32	52	18	63	48	52	23	—	42
1.51 or more	11	—	26	2	19	20	26	—	2	15
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	2 186	4 888	6 407	2 886	5 776	6 652	5 573	2 829	1 804	2 973
1.01 or more	26	32	78	18	82	68	72	23	2	49
Lacking complete plumbing facilities	32	26	13	29	54	42	101	30	21	83
1.01 or more	—	—	—	2	—	—	6	—	—	8
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	839	1 857	1 129	904	1 427	1 459	1 860	1 107	615	1 096
Owner occupied	687	1 556	1 039	800	1 265	1 156	1 598	918	527	914
1-person households	409	854	375	342	630	576	784	519	260	542
Built 1939 or earlier	405	781	377	471	573	604	909	526	251	511
Mean household income in 1989 (dollars)	16 566	20 959	26 025	23 196	20 179	23 630	20 773	16 011	19 896	17 390
Lacking complete plumbing facilities	12	9	—	20	26	22	64	17	11	21
No vehicle available	81	245	80	73	146	112	233	139	51	153
No telephone in unit	10	24	2	16	7	12	29	10	19	28
1-person households	8	16	2	11	7	8	13	3	19	18
Units in structure:										
1, detached or attached	676	1 623	1 015	824	1 267	1 201	1 628	956	526	873
2 or more	92	173	38	68	125	186	154	109	46	134
Mobile home, trailer, or other	71	61	76	12	35	72	78	42	43	89
Specified owner	369	1 218	634	453	952	738	1 102	645	255	557
Mean value (dollars)	32 000	31 700	61 900	31 500	37 100	45 700	35 200	27 500	26 400	23 900
Specified renter	124	270	70	90	153	235	223	157	83	170
Mean contract rent (dollars)	151	155	178	164	163	211	205	142	125	115
With meals included in rent	2	—	—	3	2	3	8	—	—	—
Mean contract rent (dollars)	1 250	—	—	875	625	113	875	—	—	—
No meals included in rent	102	235	61	72	128	202	163	139	60	145
No cash rent	20	35	9	15	23	30	52	18	23	25
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	376	612	523	351	560	442	601	572	265	484
Renter occupied	167	247	260	132	217	225	223	228	102	184
Built 1939 or earlier	153	266	122	196	311	104	282	283	120	234
Lacking complete plumbing facilities	15	7	2	6	9	6	34	13	2	57
No vehicle available	50	120	87	37	81	53	113	84	45	118
No telephone in unit	30	47	70	23	25	51	76	79	30	100
1.01 or more persons per room	11	13	42	11	19	19	13	11	2	33

Table 97. **Structural and Utilization Characteristics of Rural Housing Units: 1990**—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Wapello County	Warren County	Washington County	Wayne County	Webster County	Winnemago County	Winneshiek County	Woodbury County	Worth County	Wright County
Occupied housing units	4 275	5 017	4 579	2 953	5 461	3 220	4 554	5 523	3 239	2 140
POPULATION										
All persons	11 199	14 364	12 538	7 067	14 448	8 049	12 784	14 999	7 991	5 395
Persons in occupied housing units	11 135	14 364	12 318	6 942	14 248	7 899	12 642	14 882	7 861	5 343
Per occupied housing unit	2.60	2.86	2.69	2.35	2.61	2.45	2.78	2.69	2.43	2.50
Owner-occupied housing units	8 961	11 876	9 452	5 224	10 993	5 997	9 640	11 543	6 144	3 660
Per owner-occupied housing unit	2.55	2.79	2.77	2.34	2.62	2.43	2.77	2.70	2.49	2.37
Renter-occupied housing units	2 174	2 488	2 866	1 718	3 255	1 902	3 002	3 339	1 717	1 683
Per renter-occupied housing unit	2.84	3.25	2.47	2.40	2.59	2.52	2.78	2.68	2.23	2.82
AGE OF HOUSEHOLDER										
Under 25 years	118	117	157	101	163	114	193	165	106	53
25 to 34 years	688	954	990	422	1 074	536	1 008	889	597	361
35 to 44 years	947	1 163	1 033	464	967	653	862	1 117	513	452
45 to 54 years	717	1 115	552	329	730	383	657	868	501	286
55 to 64 years	728	795	577	460	962	400	615	827	438	348
65 to 74 years	565	512	677	546	844	583	691	908	521	333
75 years and over	512	361	593	631	721	551	528	749	563	307
HOUSE HEATING FUEL										
Utility gas	828	1 215	1 834	1 209	2 964	858	869	1 343	1 860	348
Bottled, tank, or LP gas	2 162	2 698	1 582	963	2 010	1 255	1 873	2 301	997	1 177
Electricity	575	459	511	480	220	341	430	633	163	166
Fuel oil, kerosene, etc.	210	173	249	98	110	663	714	929	119	402
All other fuels	495	463	400	201	157	91	668	305	99	45
No fuel used	5	9	3	2	—	12	—	12	1	2
VEHICLES AVAILABLE										
None	178	84	234	250	178	203	213	243	193	54
1	1 038	845	1 133	894	1 363	939	1 048	1 328	933	405
2	1 748	1 911	1 925	1 134	2 349	1 360	1 908	2 369	1 361	1 141
3 or more	1 311	2 177	1 287	675	1 571	718	1 385	1 583	752	540
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	517	658	482	432	705	332	554	692	362	197
1985 to 1988	924	945	1 167	596	1 137	668	903	1 070	646	401
1980 to 1984	607	808	762	449	729	493	604	821	432	335
1979 or earlier	2 227	2 606	2 168	1 476	2 890	1 727	2 493	2 940	1 799	1 207
PERSONS PER ROOM										
0.50 or less	2 938	3 375	3 323	2 302	3 973	2 533	3 211	3 994	2 549	1 642
0.51 to 0.75	765	1 019	853	419	1 042	484	838	1 043	437	359
0.76 to 1.00	521	541	345	220	402	186	432	449	246	125
1.01 to 1.50	37	67	33	12	41	17	65	33	4	14
1.51 or more	14	15	25	—	3	—	8	4	3	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	4 220	4 976	4 523	2 918	5 429	3 203	4 483	5 441	3 214	2 116
1.01 or more	47	82	55	12	44	17	73	37	7	14
Lacking complete plumbing facilities	55	41	56	35	32	17	71	82	25	24
1.01 or more	4	—	3	—	—	—	—	—	—	—
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	1 077	873	1 270	1 177	1 565	1 134	1 219	1 657	1 084	640
Owner occupied	927	776	1 058	978	1 301	1 000	1 041	1 452	917	549
1-person households	456	322	495	554	670	535	531	708	535	224
Built 1939 or earlier	369	369	544	520	572	437	626	809	497	321
Mean household income in 1989 (dollars)	17 212	26 002	20 067	17 562	20 347	20 895	20 819	19 791	21 437	27 172
Lacking complete plumbing facilities	13	22	31	18	12	9	32	39	10	20
No vehicle available	141	54	130	188	137	167	184	190	171	42
No telephone in unit	5	36	26	36	29	8	27	28	22	6
1-person households	5	28	10	34	16	8	18	21	15	6
Units in structure:										
1, detached or attached	857	753	1 068	990	1 299	1 011	1 043	1 448	908	579
2 or more	95	54	131	133	170	108	85	98	127	51
Mobile home, trailer, or other	125	66	71	54	96	15	91	111	49	10
Specified owner	468	342	650	664	856	682	511	911	614	277
Mean value (dollars)	27 100	46 600	42 500	25 300	32 200	34 600	46 300	32 100	38 300	34 100
Specified renter	137	82	195	166	237	124	139	173	164	57
Mean contract rent (dollars)	122	115	171	135	172	161	133	140	150	161
With meals included in rent	—	—	2	—	—	—	5	—	—	—
Mean contract rent (dollars)	—	—	187	—	—	—	50	—	—	—
No meals included in rent	117	67	178	152	207	108	97	148	139	54
No cash rent	20	15	15	14	30	16	37	25	25	3
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	581	392	383	579	584	427	670	665	366	133
Renter occupied	234	107	151	241	237	159	225	252	154	61
Built 1939 or earlier	189	117	168	264	277	187	336	353	163	47
Lacking complete plumbing facilities	9	26	20	2	10	—	23	40	11	2
No vehicle available	83	34	91	114	71	72	101	108	61	16
No telephone in unit	99	36	66	90	64	19	43	63	23	11
1.01 or more persons per room	17	16	18	4	16	4	19	2	—	—

Table 98. Financial Characteristics of Rural Housing Units: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	The State	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County
VALUE										
Specified owner-occupied housing units -----	191 101	1 556	793	1 339	1 264	683	2 534	2 955	2 196	2 801
Less than \$20,000 -----	39 373	457	272	179	594	308	276	179	305	401
\$20,000 to \$39,999 -----	60 773	606	289	527	332	248	878	795	697	991
\$40,000 to \$59,999 -----	45 846	354	144	372	204	80	793	924	622	786
\$60,000 to \$79,999 -----	25 352	96	67	183	82	32	399	627	370	393
\$80,000 to \$99,999 -----	9 990	33	16	44	52	7	136	240	107	140
\$100,000 to \$149,999 -----	6 942	10	5	25	—	8	46	151	74	66
\$150,000 to \$199,999 -----	1 707	—	—	3	—	—	—	36	21	24
\$200,000 to \$249,999 -----	630	—	—	6	—	—	—	3	—	—
\$250,000 to \$299,999 -----	211	—	—	—	—	—	—	—	—	—
\$300,000 to \$399,999 -----	166	—	—	—	—	—	6	—	—	—
\$400,000 to \$499,999 -----	48	—	—	—	—	—	—	—	—	—
\$500,000 or more -----	63	—	—	—	—	—	—	—	—	—
Median (dollars) -----	38 400	29 800	29 100	38 600	21 500	22 000	42 300	50 200	43 100	40 200
Mean (dollars) -----	45 300	33 200	32 300	43 400	29 400	27 200	45 700	54 600	47 100	45 000
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	191 101	1 556	793	1 339	1 264	683	2 534	2 955	2 196	2 801
With a mortgage -----	92 864	604	252	539	474	237	1 318	1 834	1 193	1 441
Less than \$200 -----	1 646	20	6	23	21	19	13	6	5	17
\$200 to \$299 -----	8 226	106	59	57	94	71	43	92	99	112
\$300 to \$399 -----	17 401	155	61	116	77	61	221	219	216	239
\$400 to \$499 -----	18 932	129	68	114	75	22	309	398	267	345
\$500 to \$599 -----	15 578	83	25	128	71	25	304	399	223	237
\$600 to \$699 -----	10 808	52	8	40	60	19	179	299	112	239
\$700 to \$999 -----	15 017	59	11	55	63	9	226	311	177	226
\$1,000 to \$1,999 -----	4 893	—	14	4	13	11	23	109	94	24
\$2,000 or more -----	363	—	—	2	—	—	—	1	—	2
Median (dollars) -----	501	415	400	464	459	349	523	546	504	503
Not mortgaged -----	98 237	952	541	800	790	446	1 216	1 121	1 003	1 360
Median (dollars) -----	181	160	155	177	153	164	211	197	188	179
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	191 101	1 556	793	1 339	1 264	683	2 534	2 955	2 196	2 801
With a mortgage -----	92 864	604	252	539	474	237	1 318	1 834	1 193	1 441
Less than 20 percent -----	55 023	373	156	316	238	134	799	1 211	730	917
20 to 24 percent -----	15 806	103	24	84	91	6	233	283	218	214
25 to 29 percent -----	8 255	37	35	62	53	43	97	129	114	122
30 to 34 percent -----	4 135	30	14	17	15	9	54	67	31	55
35 percent or more -----	9 293	57	21	58	72	40	119	142	98	126
Not computed -----	352	4	2	2	5	5	16	2	2	7
Median -----	18.2	17.6	17.8	18.5	19.8	18.4	18.1	16.9	17.9	17.2
Not mortgaged -----	98 237	952	541	800	790	446	1 216	1 121	1 003	1 360
Median -----	11.2	10.3	12.1	12.3	12.6	12.9	11.8	10.0-	11.5	11.9
GROSS RENT										
Specified renter-occupied housing units -----	60 912	617	370	567	340	232	702	795	727	850
Less than \$100 -----	1 373	33	19	12	15	—	10	9	7	13
\$100 to \$199 -----	9 878	139	96	101	56	56	77	81	64	122
\$200 to \$299 -----	18 382	184	135	206	106	87	157	245	221	321
\$300 to \$399 -----	14 823	149	61	94	91	11	227	249	215	199
\$400 to \$499 -----	5 756	34	20	27	12	22	96	112	83	81
\$500 to \$599 -----	1 758	3	1	—	—	—	20	21	37	10
\$600 to \$749 -----	490	—	—	12	—	—	6	13	12	10
\$750 to \$999 -----	142	—	—	—	—	—	6	2	—	—
\$1,000 to \$1,999 -----	114	—	—	—	—	—	7	—	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	8 196	75	38	115	60	48	102	63	88	94
Median (dollars) -----	284	241	239	251	264	240	319	309	312	272
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	60 912	617	370	567	340	232	702	795	727	850
Less than 20 percent -----	24 785	242	144	245	77	75	277	342	272	374
20 to 24 percent -----	7 235	75	49	39	38	36	96	100	102	76
25 to 29 percent -----	5 516	77	31	29	39	7	56	68	83	55
30 to 34 percent -----	3 399	37	35	22	29	20	44	55	39	46
35 percent or more -----	11 278	101	64	109	97	46	107	165	140	184
Not computed -----	8 699	85	47	123	60	48	122	65	91	115
Median -----	20.9	21.6	21.8	18.9	28.2	22.4	20.7	21.1	22.3	19.8
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	60 912	617	370	567	340	232	702	795	727	850
With meals included in rent -----	241	2	2	7	—	1	—	2	—	2
Mean contract rent (dollars) -----	383	113	163	413	—	50	—	263	—	263
No meals included in rent -----	52 475	540	330	445	280	183	600	730	639	754
No cash rent -----	8 196	75	38	115	60	48	102	63	88	94
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	25 767	21 600	20 414	22 069	19 640	22 674	28 393	33 298	28 138	26 738
Owner occupied (dollars) -----	27 992	23 862	21 659	24 422	20 827	23 447	30 584	37 104	30 580	29 011
Renter occupied (dollars) -----	19 632	16 563	16 169	16 393	14 833	17 453	22 545	20 633	21 310	17 791

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Buchanan County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County
VALUE										
Specified owner-occupied housing units -----	2 363	1 978	3 276	2 525	2 239	1 334	2 495	1 680	1 340	1 733
Less than \$20,000 -----	534	473	834	893	634	448	235	275	364	359
\$20,000 to \$39,999 -----	844	710	1 330	918	882	532	718	517	476	735
\$40,000 to \$59,999 -----	617	438	742	433	462	223	806	450	276	392
\$60,000 to \$79,999 -----	239	166	265	164	182	100	500	221	137	175
\$80,000 to \$99,999 -----	93	71	79	64	42	12	156	74	42	60
\$100,000 to \$149,999 -----	19	83	26	42	20	13	68	95	34	4
\$150,000 to \$199,999 -----	10	19	—	9	8	—	12	31	—	8
\$200,000 to \$249,999 -----	—	18	—	—	9	6	—	12	3	—
\$250,000 to \$299,999 -----	7	—	—	—	—	—	—	5	—	—
\$300,000 to \$399,999 -----	—	—	—	—	—	—	—	—	8	—
\$400,000 to \$499,999 -----	—	—	—	—	—	—	—	—	—	—
\$500,000 or more -----	—	—	—	2	—	—	—	—	—	—
Median (dollars) -----	34 500	34 400	31 200	26 900	29 400	26 800	46 100	42 200	32 200	33 400
Mean (dollars) -----	39 000	42 500	35 100	33 000	34 800	32 000	49 600	50 500	39 700	37 300
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	2 363	1 978	3 276	2 525	2 239	1 334	2 495	1 680	1 340	1 733
With a mortgage -----	1 229	951	1 411	1 014	809	486	1 229	860	570	778
Less than \$200 -----	28	12	30	32	9	25	24	8	9	24
\$200 to \$299 -----	152	101	169	128	110	109	41	109	50	93
\$300 to \$399 -----	298	290	412	288	192	107	151	143	188	174
\$400 to \$499 -----	266	223	390	218	222	104	245	149	139	154
\$500 to \$599 -----	219	108	208	180	146	84	285	163	103	165
\$600 to \$699 -----	149	65	90	76	65	24	187	100	36	83
\$700 to \$999 -----	102	108	94	79	61	33	280	151	40	71
\$1,000 to \$1,999 -----	8	41	18	10	4	—	16	37	5	14
\$2,000 or more -----	7	3	—	3	—	—	—	—	—	—
Median (dollars) -----	441	433	425	425	437	402	548	512	422	467
Not mortgaged -----	1 134	1 027	1 865	1 511	1 430	848	1 266	820	770	955
Median (dollars) -----	174	180	172	171	171	164	200	171	180	182
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	2 363	1 978	3 276	2 525	2 239	1 334	2 495	1 680	1 340	1 733
With a mortgage -----	1 229	951	1 411	1 014	809	486	1 229	860	570	778
Less than 20 percent -----	742	590	927	574	494	285	745	534	391	433
20 to 24 percent -----	187	153	193	186	118	83	233	127	91	171
25 to 29 percent -----	94	59	119	89	63	44	98	64	33	83
30 to 34 percent -----	55	24	34	57	53	27	62	37	12	21
35 percent or more -----	149	120	134	105	79	44	91	96	41	70
Not computed -----	2	5	4	3	2	3	—	2	2	—
Median -----	17.5	18.0	16.7	18.6	18.1	17.9	18.3	18.0	16.9	18.6
Not mortgaged -----	1 134	1 027	1 865	1 511	1 430	848	1 266	820	770	955
Median -----	10.0	11.5	11.7	11.6	11.9	11.6	11.5	10.5	11.2	11.1
GROSS RENT										
Specified renter-occupied housing units -----	788	815	965	1 041	687	431	899	495	459	464
Less than \$100 -----	7	20	18	39	40	8	6	4	35	29
\$100 to \$199 -----	145	104	161	218	117	82	85	74	52	94
\$200 to \$299 -----	288	254	318	375	200	181	222	140	163	159
\$300 to \$399 -----	189	223	244	184	147	65	277	132	75	100
\$400 to \$499 -----	36	87	73	56	35	16	182	45	24	30
\$500 to \$599 -----	17	23	18	13	20	9	34	26	8	11
\$600 to \$749 -----	5	7	2	2	—	—	3	—	27	—
\$750 to \$999 -----	4	—	—	4	—	—	7	—	—	—
\$1,000 to \$1,999 -----	—	2	—	—	—	—	2	—	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	97	95	131	150	128	68	81	71	75	41
Median (dollars) -----	262	295	279	254	267	255	324	297	271	261
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	788	815	965	1 041	687	431	899	495	459	464
Less than 20 percent -----	305	405	361	433	273	159	406	224	214	230
20 to 24 percent -----	76	97	146	121	104	43	100	34	35	48
25 to 29 percent -----	82	56	90	99	64	52	77	32	38	46
30 to 34 percent -----	50	22	56	35	30	11	56	19	19	10
35 percent or more -----	173	133	176	201	86	90	174	112	64	89
Not computed -----	102	102	136	152	130	76	86	74	89	41
Median -----	22.5	18.6	21.8	20.5	20.3	22.2	20.0	19.0	18.0	18.7
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	788	815	965	1 041	687	431	899	495	459	464
With meals included in rent -----	2	—	—	41	2	2	6	2	—	—
Mean contract rent (dollars) -----	50	—	—	327	363	875	838	187	—	—
No meals included in rent -----	689	720	834	850	557	361	812	422	384	423
No cash rent -----	97	95	131	150	128	68	81	71	75	41
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	24 325	26 126	22 951	22 462	23 193	20 990	28 716	25 578	23 779	24 919
Owner occupied (dollars) -----	26 919	27 436	25 161	24 464	24 592	22 231	31 257	28 010	25 660	26 592
Renter occupied (dollars) -----	16 107	22 116	17 392	17 817	19 688	18 385	21 786	20 722	18 342	18 519

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Clarke County	Clay County	Clayton County	Clinton County	Crawford County	Dallas County	Davis County	Decatur County	Delaware County	Des Moines County
VALUE										
Specified owner-occupied housing units -----	458	983	3 367	1 961	1 663	3 176	471	1 370	1 874	2 030
Less than \$20,000 -----	181	358	532	306	609	280	196	614	227	128
\$20,000 to \$39,999 -----	144	361	1 336	756	636	752	152	438	634	422
\$40,000 to \$59,999 -----	69	173	977	496	283	800	99	237	554	647
\$60,000 to \$79,999 -----	39	60	383	241	90	623	17	63	298	493
\$80,000 to \$99,999 -----	25	16	82	100	40	281	—	12	88	190
\$100,000 to \$149,999 -----	—	15	45	44	3	300	7	6	57	131
\$150,000 to \$199,999 -----	—	—	9	—	—	101	—	—	10	13
\$200,000 to \$249,999 -----	—	—	3	9	—	13	—	—	—	6
\$250,000 to \$299,999 -----	—	—	—	—	—	2	—	—	6	—
\$300,000 to \$399,999 -----	—	—	—	2	2	—	—	—	—	—
\$400,000 to \$499,999 -----	—	—	—	—	—	12	—	—	—	—
\$500,000 or more -----	—	—	—	7	—	12	—	—	—	—
Median (dollars) -----	26 500	27 000	37 000	38 000	25 800	53 200	24 100	22 800	42 500	54 100
Mean (dollars) -----	32 400	31 300	40 000	45 900	30 400	63 800	28 500	27 600	47 100	58 100
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	458	983	3 367	1 961	1 663	3 176	471	1 370	1 874	2 030
With a mortgage -----	224	420	1 302	956	670	2 001	214	520	952	1 103
Less than \$200 -----	5	9	38	4	16	9	9	13	31	21
\$200 to \$299 -----	44	56	190	59	100	91	61	91	75	61
\$300 to \$399 -----	38	127	288	198	187	165	52	162	184	161
\$400 to \$499 -----	58	107	310	171	127	268	41	108	208	193
\$500 to \$599 -----	20	60	238	190	97	287	40	67	236	209
\$600 to \$699 -----	34	23	120	129	66	327	9	44	66	180
\$700 to \$999 -----	25	35	93	181	43	561	2	31	119	240
\$1,000 to \$1,999 -----	—	3	25	24	34	262	—	4	28	32
\$2,000 or more -----	—	—	—	—	—	31	—	—	5	6
Median (dollars) -----	438	419	437	521	423	649	370	396	487	565
Not mortgaged -----	234	563	2 065	1 005	993	1 175	257	850	922	927
Median (dollars) -----	149	168	171	192	162	212	183	157	180	205
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	458	983	3 367	1 961	1 663	3 176	471	1 370	1 874	2 030
With a mortgage -----	224	420	1 302	956	670	2 001	214	520	952	1 103
Less than 20 percent -----	134	269	758	576	374	1 051	107	275	509	710
20 to 24 percent -----	43	73	215	127	123	440	56	90	167	198
25 to 29 percent -----	11	34	134	102	70	241	25	77	101	59
30 to 34 percent -----	7	17	48	32	26	100	8	19	43	20
35 percent or more -----	29	25	145	117	70	169	18	59	127	114
Not computed -----	—	2	2	2	7	—	—	—	5	2
Median -----	17.6	17.3	18.3	18.1	18.7	19.5	20.0	19.4	19.2	17.3
Not mortgaged -----	234	563	2 065	1 005	993	1 175	257	850	922	927
Median -----	10.9	11.3	12.2	12.9	11.5	11.2	11.5	13.1	10.6	10.0-
GROSS RENT										
Specified renter-occupied housing units -----	154	331	1 229	582	515	1 002	162	786	483	597
Less than \$100 -----	5	—	14	2	17	10	9	48	20	4
\$100 to \$199 -----	6	57	327	62	97	122	9	266	82	31
\$200 to \$299 -----	54	141	404	153	186	212	57	179	147	206
\$300 to \$399 -----	22	55	216	198	103	277	34	153	99	189
\$400 to \$499 -----	9	18	61	92	21	153	19	36	19	81
\$500 to \$599 -----	10	—	12	19	2	63	—	15	11	23
\$600 to \$749 -----	3	4	—	5	—	29	—	4	4	5
\$750 to \$999 -----	—	—	—	—	—	4	—	2	—	—
\$1,000 to \$1,999 -----	—	—	—	—	4	18	—	2	3	4
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	45	56	195	51	85	114	34	81	98	54
Median (dollars) -----	286	269	240	318	259	336	291	219	259	315
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	154	331	1 229	582	515	1 002	162	786	483	597
Less than 20 percent -----	53	158	489	237	209	422	80	241	161	200
20 to 24 percent -----	6	23	136	87	72	138	16	129	50	82
25 to 29 percent -----	12	14	90	49	30	98	—	88	48	38
30 to 34 percent -----	5	28	66	34	20	55	9	50	29	28
35 percent or more -----	33	50	248	124	97	171	20	189	88	175
Not computed -----	45	58	200	51	87	118	37	89	107	54
Median -----	21.3	18.1	20.9	21.6	20.3	20.7	17.0	24.2	22.7	23.1
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	154	331	1 229	582	515	1 002	162	786	483	597
With meals included in rent -----	—	—	14	—	—	3	—	3	—	8
Mean contract rent (dollars) -----	—	—	366	—	—	237	—	113	—	157
No meals included in rent -----	109	275	1 020	531	430	885	128	702	385	535
No cash rent -----	45	56	195	51	85	114	34	81	98	54
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	25 345	25 788	21 337	26 912	23 203	31 875	20 092	17 925	25 992	31 914
Owner occupied (dollars) -----	26 320	26 401	23 147	28 743	25 381	35 694	20 916	21 017	27 790	34 574
Renter occupied (dollars) -----	22 548	23 906	16 480	21 585	17 117	21 207	16 958	11 123	18 750	19 788

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Dickinson County	Dubuque County	Emmet County	Fayette County	Floyd County	Franklin County	Fremont County	Greene County	Grundy County	Guthrie County
VALUE										
Specified owner-occupied housing units -----	2 644	3 317	813	2 570	1 577	1 204	1 529	991	2 614	2 215
Less than \$20,000 -----	309	67	284	640	356	387	452	519	397	732
\$20,000 to \$39,999 -----	647	607	301	1 025	570	448	515	299	1 019	734
\$40,000 to \$59,999 -----	607	1 116	131	594	352	217	366	104	755	382
\$60,000 to \$79,999 -----	334	783	63	229	168	103	131	52	309	169
\$80,000 to \$99,999 -----	188	349	25	53	72	46	40	15	88	59
\$100,000 to \$149,999 -----	248	267	9	18	37	1	14	2	35	100
\$150,000 to \$199,999 -----	136	87	—	7	15	2	9	—	6	11
\$200,000 to \$249,999 -----	62	24	—	2	7	—	2	—	5	19
\$250,000 to \$299,999 -----	46	12	—	—	—	—	—	—	—	9
\$300,000 to \$399,999 -----	42	5	—	—	—	—	—	—	—	—
\$400,000 to \$499,999 -----	15	—	—	2	—	—	—	—	—	—
\$500,000 or more -----	10	—	—	—	—	—	—	—	—	—
Median (dollars) -----	50 100	57 200	26 900	32 600	35 600	30 300	32 000	19 200	37 700	30 200
Mean (dollars) -----	76 200	65 700	32 300	36 200	41 500	33 500	36 300	25 400	41 400	39 400
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	2 644	3 317	813	2 570	1 577	1 204	1 529	991	2 614	2 215
With a mortgage -----	1 201	1 945	352	1 147	770	432	639	376	1 132	933
Less than \$200 -----	13	11	3	45	29	7	9	25	12	19
\$200 to \$299 -----	127	40	67	142	86	47	74	79	69	67
\$300 to \$399 -----	260	243	78	286	186	113	157	102	247	208
\$400 to \$499 -----	227	391	122	294	148	102	164	88	281	207
\$500 to \$599 -----	153	347	33	160	114	73	113	41	210	144
\$600 to \$699 -----	162	322	36	108	67	45	56	20	141	72
\$700 to \$999 -----	123	427	8	104	118	37	49	21	150	136
\$1,000 to \$1,999 -----	120	140	5	8	15	8	17	—	22	80
\$2,000 or more -----	16	24	—	—	7	—	—	—	—	—
Median (dollars) -----	485	581	420	435	449	446	452	382	485	479
Not mortgaged -----	1 443	1 372	461	1 423	807	772	890	615	1 482	1 282
Median (dollars) -----	185	211	178	161	177	181	179	165	189	184
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	2 644	3 317	813	2 570	1 577	1 204	1 529	991	2 614	2 215
With a mortgage -----	1 201	1 945	352	1 147	770	432	639	376	1 132	933
Less than 20 percent -----	713	1 145	232	740	421	260	406	225	751	544
20 to 24 percent -----	193	380	53	168	169	82	81	59	165	101
25 to 29 percent -----	84	169	33	104	58	30	69	34	100	90
30 to 34 percent -----	77	85	8	33	50	21	15	14	46	78
35 percent or more -----	131	161	26	95	68	25	61	42	63	112
Not computed -----	3	5	—	7	4	14	7	2	7	8
Median -----	18.3	18.4	17.3	17.5	18.9	17.4	17.7	17.8	17.3	18.3
Not mortgaged -----	1 443	1 372	461	1 423	807	772	890	615	1 482	1 282
Median -----	10.0-	10.0-	10.4	11.4	10.3	12.3	12.4	10.2	11.9	12.2
GROSS RENT										
Specified renter-occupied housing units -----	802	705	261	957	469	421	637	406	838	759
Less than \$100 -----	13	4	2	50	13	10	25	9	12	7
\$100 to \$199 -----	133	83	54	240	60	80	127	102	168	124
\$200 to \$299 -----	252	192	64	330	157	122	221	128	276	235
\$300 to \$399 -----	245	205	62	187	117	123	136	68	179	185
\$400 to \$499 -----	87	100	14	29	39	23	38	18	86	90
\$500 to \$599 -----	11	39	2	10	8	—	17	3	9	16
\$600 to \$749 -----	9	14	—	—	6	—	—	3	—	8
\$750 to \$999 -----	1	—	1	—	—	—	—	—	—	4
\$1,000 to \$1,999 -----	1	3	—	—	—	—	—	—	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	50	65	62	111	69	63	73	75	108	90
Median (dollars) -----	291	315	270	238	283	286	262	252	269	289
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	802	705	261	957	469	421	637	406	838	759
Less than 20 percent -----	369	292	100	368	157	175	232	186	356	245
20 to 24 percent -----	91	80	37	141	41	57	92	34	91	77
25 to 29 percent -----	89	62	23	96	43	26	97	23	63	68
30 to 34 percent -----	51	61	11	76	28	28	28	22	60	42
35 percent or more -----	148	135	26	145	131	69	110	62	155	235
Not computed -----	54	75	64	131	69	66	78	79	113	92
Median -----	20.3	21.4	19.8	21.6	25.2	20.2	22.6	17.2	20.4	25.8
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	802	705	261	957	469	421	637	406	838	759
With meals included in rent -----	1	2	—	—	—	—	2	—	2	—
Mean contract rent (dollars) -----	1 250	187	—	—	—	—	163	—	50	—
No meals included in rent -----	751	638	199	846	400	358	562	331	728	669
No cash rent -----	50	65	62	111	69	63	73	75	108	90
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	26 288	31 465	25 023	21 766	25 674	24 389	22 540	22 343	26 404	23 083
Owner occupied (dollars) -----	28 941	33 975	26 268	25 041	27 965	25 650	25 256	23 874	28 869	25 010
Renter occupied (dollars) -----	18 043	21 483	22 736	15 841	17 034	22 437	16 538	19 880	20 194	16 287

DETAILED HOUSING CHARACTERISTICS

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Hamilton County	Hancock County	Hardin County	Harrison County	Henry County	Howard County	Humboldt County	Ida County	Iowa County	Jackson County
VALUE										
Specified owner-occupied housing units -----	1 348	1 733	2 124	2 136	1 965	872	1 250	1 620	2 912	2 169
Less than \$20,000 -----	275	441	590	497	371	319	511	482	399	251
\$20,000 to \$39,999 -----	552	716	796	824	720	324	414	640	884	742
\$40,000 to \$59,999 -----	305	368	465	478	510	141	187	289	814	691
\$60,000 to \$79,999 -----	134	152	187	241	218	46	84	135	548	310
\$80,000 to \$99,999 -----	34	43	57	61	73	40	6	47	147	122
\$100,000 to \$149,999 -----	42	5	24	28	57	2	41	24	95	35
\$150,000 to \$199,999 -----	6	1	—	7	14	—	7	—	17	16
\$200,000 to \$249,999 -----	—	—	—	—	—	—	—	1	—	1
\$250,000 to \$299,999 -----	—	7	5	—	—	—	—	—	—	1
\$300,000 to \$399,999 -----	—	—	—	—	2	—	—	2	—	—
\$400,000 to \$499,999 -----	—	—	—	—	—	—	—	—	—	—
\$500,000 or more -----	—	—	—	—	—	—	—	—	8	—
Median (dollars) -----	34 100	32 100	30 300	32 600	36 600	26 700	24 400	29 200	43 100	42 500
Mean (dollars) -----	39 500	36 100	35 500	37 900	42 200	31 500	31 800	34 700	48 400	45 900
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	1 348	1 733	2 124	2 136	1 965	872	1 250	1 620	2 912	2 169
With a mortgage -----	636	795	931	914	1 020	332	492	573	1 313	977
Less than \$200 -----	18	14	8	19	2	6	2	15	17	13
\$200 to \$299 -----	67	42	127	83	100	53	84	64	64	66
\$300 to \$399 -----	124	212	231	162	226	86	161	155	238	196
\$400 to \$499 -----	168	193	257	223	229	84	121	110	303	272
\$500 to \$599 -----	104	134	106	164	185	32	72	81	267	162
\$600 to \$699 -----	81	130	100	97	121	11	14	72	163	129
\$700 to \$999 -----	67	44	67	152	109	52	29	48	211	101
\$1,000 to \$1,999 -----	7	26	30	14	46	8	9	12	50	38
\$2,000 or more -----	—	—	5	—	2	—	—	—	—	—
Median (dollars) -----	463	466	434	487	479	439	399	438	513	474
Not mortgaged -----	712	938	1 193	1 222	945	540	758	1 047	1 599	1 192
Median (dollars) -----	180	190	176	186	175	152	172	183	196	185
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	1 348	1 733	2 124	2 136	1 965	872	1 250	1 620	2 912	2 169
With a mortgage -----	636	795	931	914	1 020	332	492	573	1 313	977
Less than 20 percent -----	354	448	579	458	652	204	283	345	795	587
20 to 24 percent -----	118	147	131	179	143	52	83	72	258	132
25 to 29 percent -----	76	51	69	65	74	34	44	50	93	97
30 to 34 percent -----	31	69	45	51	53	2	50	33	61	53
35 percent or more -----	52	78	107	156	95	40	32	69	106	108
Not computed -----	5	2	—	5	3	—	—	4	—	—
Median -----	18.7	18.7	18.0	19.9	17.5	18.4	17.9	17.9	18.1	18.1
Not mortgaged -----	712	938	1 193	1 222	945	540	758	1 047	1 599	1 192
Median -----	11.1	12.6	10.9	13.4	10.0-	12.3	10.0-	11.1	12.7	11.2
GROSS RENT										
Specified renter-occupied housing units -----	535	646	728	804	678	299	349	620	1 043	736
Less than \$100 -----	6	15	12	17	18	7	4	23	15	10
\$100 to \$199 -----	115	117	127	144	72	87	83	122	116	127
\$200 to \$299 -----	159	231	267	238	188	100	114	202	335	269
\$300 to \$399 -----	135	166	180	217	218	49	68	138	325	188
\$400 to \$499 -----	48	41	47	45	98	12	17	62	86	47
\$500 to \$599 -----	13	6	9	27	9	—	7	11	26	16
\$600 to \$749 -----	5	2	—	—	9	—	—	5	2	3
\$750 to \$999 -----	—	—	—	—	4	4	—	2	—	2
\$1,000 to \$1,999 -----	—	—	—	5	—	—	—	—	—	4
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	54	68	86	111	62	40	56	55	138	70
Median (dollars) -----	272	269	268	274	310	220	253	269	295	271
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	535	646	728	804	678	299	349	620	1 043	736
Less than 20 percent -----	194	301	290	262	269	125	141	262	470	377
20 to 24 percent -----	93	74	88	106	99	35	22	94	128	76
25 to 29 percent -----	62	64	73	92	87	16	30	37	70	86
30 to 34 percent -----	35	21	43	39	30	19	21	52	58	25
35 percent or more -----	86	108	144	174	124	61	79	116	176	147
Not computed -----	65	78	90	131	69	43	56	59	141	75
Median -----	22.2	19.3	21.6	23.5	21.8	20.4	21.3	21.0	19.5	20.2
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	535	646	728	804	678	299	349	620	1 043	736
With meals included in rent -----	—	5	—	2	5	—	—	5	3	—
Mean contract rent (dollars) -----	—	137	—	1 250	380	—	—	572	163	—
No meals included in rent -----	481	573	642	691	611	259	293	560	902	666
No cash rent -----	54	68	86	111	62	40	56	55	138	70
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	26 286	24 363	23 796	22 092	25 872	22 397	25 044	22 617	26 440	24 204
Owner occupied (dollars) -----	28 246	27 137	25 421	23 976	28 382	23 119	26 800	25 438	28 788	26 432
Renter occupied (dollars) -----	20 992	19 060	19 154	17 169	20 000	20 595	20 516	17 483	20 233	19 412

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Jasper County	Jefferson County	Johnson County	Jones County	Keokuk County	Kossuth County	Lee County	Linn County	Louisa County	Lucas County
VALUE										
Specified owner-occupied housing units -----	3 782	872	3 469	1 467	2 346	2 255	2 344	5 764	2 081	580
Less than \$20,000 -----	336	220	42	373	967	823	158	269	285	243
\$20,000 to \$39,999 -----	1 184	256	253	427	867	775	778	1 027	794	168
\$40,000 to \$59,999 -----	1 175	171	724	334	318	366	763	1 452	648	94
\$60,000 to \$79,999 -----	664	136	897	202	124	171	392	1 197	263	41
\$80,000 to \$99,999 -----	246	38	503	84	38	83	185	740	65	20
\$100,000 to \$149,999 -----	142	44	564	47	30	37	51	739	21	10
\$150,000 to \$199,999 -----	18	—	298	—	2	—	17	162	3	—
\$200,000 to \$249,999 -----	10	7	103	—	—	—	—	119	2	—
\$250,000 to \$299,999 -----	7	—	38	—	—	—	—	22	—	—
\$300,000 to \$399,999 -----	—	—	47	—	—	—	—	17	—	—
\$400,000 to \$499,999 -----	—	—	—	—	—	—	—	5	—	—
\$500,000 or more -----	—	—	—	—	—	—	—	15	—	4
Median (dollars) -----	44 800	34 500	75 700	34 800	23 900	27 200	45 900	61 800	39 100	26 600
Mean (dollars) -----	50 100	44 100	93 600	41 300	29 300	33 200	49 300	74 000	41 900	36 600
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	3 782	872	3 469	1 467	2 346	2 255	2 344	5 764	2 081	580
With a mortgage -----	2 115	450	2 410	619	848	791	1 155	3 679	1 121	255
Less than \$200 -----	21	11	8	17	29	46	—	15	12	6
\$200 to \$299 -----	113	44	21	101	179	113	26	104	96	43
\$300 to \$399 -----	307	70	113	113	249	224	177	322	225	59
\$400 to \$499 -----	485	109	217	114	184	162	254	644	277	57
\$500 to \$599 -----	432	54	317	134	126	112	262	557	215	37
\$600 to \$699 -----	265	56	432	59	51	38	179	493	138	15
\$700 to \$999 -----	418	86	736	63	28	68	186	1 088	131	31
\$1,000 to \$1,999 -----	66	20	479	18	2	28	71	401	27	7
\$2,000 or more -----	8	—	87	—	—	—	—	55	—	—
Median (dollars) -----	528	485	728	466	384	408	537	639	482	422
Not mortgaged -----	1 667	422	1 059	848	1 498	1 464	1 189	2 085	960	325
Median (dollars) -----	194	179	239	185	156	176	208	223	176	164
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	3 782	872	3 469	1 467	2 346	2 255	2 344	5 764	2 081	580
With a mortgage -----	2 115	450	2 410	619	848	791	1 155	3 679	1 121	255
Less than 20 percent -----	1 349	251	1 308	424	548	510	773	2 242	681	143
20 to 24 percent -----	330	49	536	67	127	100	148	690	200	36
25 to 29 percent -----	145	50	256	62	49	50	79	287	115	25
30 to 34 percent -----	85	17	96	28	37	28	43	159	20	7
35 percent or more -----	196	75	204	36	82	103	97	288	105	44
Not computed -----	10	8	10	2	5	—	15	13	—	—
Median -----	17.5	18.5	19.1	17.2	16.8	17.4	16.7	18.1	17.9	18.6
Not mortgaged -----	1 667	422	1 059	848	1 498	1 464	1 189	2 085	960	325
Median -----	10.4	10.0	10.0	11.7	10.0	11.2	10.0	10.0	11.0	11.3
GROSS RENT										
Specified renter-occupied housing units -----	1 094	268	1 022	494	711	711	609	1 287	860	179
Less than \$100 -----	4	9	4	7	44	28	2	23	15	4
\$100 to \$199 -----	111	30	36	79	144	150	80	114	98	15
\$200 to \$299 -----	347	56	186	153	220	232	124	307	265	72
\$300 to \$399 -----	385	62	280	138	130	102	253	368	270	29
\$400 to \$499 -----	118	42	257	22	40	33	32	232	103	6
\$500 to \$599 -----	24	14	109	4	12	—	21	91	21	11
\$600 to \$749 -----	15	13	22	—	2	—	—	9	7	—
\$750 to \$999 -----	—	3	—	2	1	—	—	7	—	—
\$1,000 to \$1,999 -----	11	—	12	—	—	—	—	—	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	79	39	116	89	118	166	97	136	81	42
Median (dollars) -----	309	350	373	282	250	237	329	334	303	280
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	1 094	268	1 022	494	711	711	609	1 287	860	179
Less than 20 percent -----	529	101	448	233	243	243	298	535	386	41
20 to 24 percent -----	130	34	143	30	87	121	56	178	97	16
25 to 29 percent -----	114	24	56	30	86	73	40	155	67	17
30 to 34 percent -----	59	10	46	46	34	28	21	94	44	16
35 percent or more -----	168	60	207	66	140	77	93	187	171	42
Not computed -----	94	39	122	89	121	169	101	138	95	47
Median -----	19.2	22.0	20.1	17.9	23.0	21.2	18.4	21.1	19.9	27.6
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	1 094	268	1 022	494	711	711	609	1 287	860	179
With meals included in rent -----	—	—	27	—	—	—	—	8	7	—
Mean contract rent (dollars) -----	—	—	585	—	—	—	—	163	134	—
No meals included in rent -----	1 015	229	879	405	593	545	512	1 143	772	137
No cash rent -----	79	39	116	89	118	166	97	136	81	42
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	29 110	26 685	37 063	24 891	21 955	23 261	28 597	34 382	25 549	22 338
Owner occupied (dollars) -----	30 823	28 398	41 122	27 305	23 681	25 060	30 836	38 028	27 350	24 392
Renter occupied (dollars) -----	24 038	20 675	24 891	20 239	16 890	19 635	21 563	21 631	20 042	17 050

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Lyon County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County
VALUE										
Specified owner-occupied housing units -----	1 526	984	1 603	2 141	2 423	1 300	1 213	1 263	531	985
Less than \$20,000 -----	425	151	333	394	374	225	341	480	219	323
\$20,000 to \$39,999 -----	587	301	582	684	893	420	418	465	165	383
\$40,000 to \$59,999 -----	321	307	398	503	691	306	290	201	89	185
\$60,000 to \$79,999 -----	133	165	183	308	275	185	144	88	38	69
\$80,000 to \$99,999 -----	33	38	45	142	112	86	4	16	20	9
\$100,000 to \$149,999 -----	19	20	56	89	70	63	16	12	—	8
\$150,000 to \$199,999 -----	—	2	4	21	2	15	—	1	—	8
\$200,000 to \$249,999 -----	8	—	2	—	—	—	—	—	—	—
\$250,000 to \$299,999 -----	—	—	—	—	5	—	—	—	—	—
\$300,000 to \$399,999 -----	—	—	—	—	—	—	—	—	—	—
\$400,000 to \$499,999 -----	—	—	—	—	1	—	—	—	—	—
\$500,000 or more -----	—	—	—	—	—	—	—	—	—	—
Median (dollars) -----	29 700	41 700	36 500	39 800	38 800	40 300	33 200	25 800	25 300	27 200
Mean (dollars) -----	35 200	44 200	41 100	46 700	43 000	46 700	35 700	30 600	30 300	32 600
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	1 526	984	1 603	2 141	2 423	1 300	1 213	1 263	531	985
With a mortgage -----	543	585	854	1 203	1 294	729	494	386	203	424
Less than \$200 -----	15	3	34	2	8	2	36	4	12	18
\$200 to \$299 -----	64	37	91	64	67	45	112	61	34	67
\$300 to \$399 -----	148	113	207	193	214	115	118	118	46	111
\$400 to \$499 -----	147	133	176	262	283	143	104	93	40	99
\$500 to \$599 -----	65	107	123	193	307	112	46	61	18	46
\$600 to \$699 -----	44	65	87	135	186	112	41	35	41	24
\$700 to \$999 -----	34	113	115	298	180	147	33	13	12	59
\$1,000 to \$1,999 -----	26	14	21	56	49	53	4	1	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
Median (dollars) -----	428	506	458	542	529	547	386	411	422	422
Not mortgaged -----	983	399	749	938	1 129	571	719	877	328	561
Median (dollars) -----	178	176	180	191	199	193	171	167	181	150
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	1 526	984	1 603	2 141	2 423	1 300	1 213	1 263	531	985
With a mortgage -----	543	585	854	1 203	1 294	729	494	386	203	424
Less than 20 percent -----	302	345	480	702	840	419	347	192	110	277
20 to 24 percent -----	82	82	170	216	189	104	54	76	45	46
25 to 29 percent -----	42	62	57	119	131	79	18	38	14	30
30 to 34 percent -----	38	43	61	62	34	57	20	20	—	36
35 percent or more -----	79	53	76	102	100	68	55	58	34	33
Not computed -----	—	—	10	2	—	2	—	2	—	2
Median -----	18.7	18.3	18.6	18.4	17.2	18.5	15.5	20.0	19.3	16.9
Not mortgaged -----	983	399	749	938	1 129	571	719	877	328	561
Median -----	12.1	11.2	11.7	11.6	10.4	12.2	11.1	11.6	13.2	10.3
GROSS RENT										
Specified renter-occupied housing units -----	379	392	595	580	698	405	296	445	98	327
Less than \$100 -----	4	2	12	7	4	5	9	19	4	6
\$100 to \$199 -----	55	64	104	42	67	37	77	82	6	87
\$200 to \$299 -----	119	108	155	176	241	100	98	142	55	103
\$300 to \$399 -----	78	116	149	149	189	97	30	86	11	49
\$400 to \$499 -----	18	52	46	81	86	61	14	14	—	8
\$500 to \$599 -----	—	14	50	39	17	21	2	7	—	—
\$600 to \$749 -----	3	4	5	2	—	4	6	—	4	2
\$750 to \$999 -----	—	—	—	—	—	8	—	—	—	6
\$1,000 to \$1,999 -----	—	—	—	2	—	—	—	—	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	102	32	74	82	94	72	60	95	18	66
Median (dollars) -----	267	305	291	311	295	324	234	247	257	233
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	379	392	595	580	698	405	296	445	98	327
Less than 20 percent -----	166	194	215	249	308	109	110	153	24	127
20 to 24 percent -----	34	36	67	74	51	88	28	50	16	43
25 to 29 percent -----	21	24	77	62	65	47	24	51	5	9
30 to 34 percent -----	17	28	42	26	39	22	14	22	7	24
35 percent or more -----	39	77	107	87	139	67	56	70	28	55
Not computed -----	102	33	87	82	96	72	64	99	18	69
Median -----	17.2	18.4	22.9	20.0	19.8	23.3	21.1	22.0	25.0	20.2
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	379	392	595	580	698	405	296	445	98	327
With meals included in rent -----	2	—	—	—	—	—	2	—	—	6
Mean contract rent (dollars) -----	137	—	—	—	—	—	313	—	—	875
No meals included in rent -----	275	360	521	498	604	333	234	350	80	255
No cash rent -----	102	32	74	82	94	72	60	95	18	66
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	22 763	27 979	25 046	28 819	29 694	27 710	25 582	20 891	22 651	22 767
Owner occupied (dollars) -----	23 641	29 673	26 435	30 573	32 194	30 457	26 972	21 910	23 564	23 526
Renter occupied (dollars) -----	20 733	24 414	19 662	22 225	23 134	18 724	20 278	18 750	18 221	20 605

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Muscatine County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County
VALUE										
Specified owner-occupied housing units -----	1 604	2 283	724	827	1 175	2 328	2 052	3 725	4 357	1 682
Less than \$20,000 -----	128	736	332	303	504	245	758	48	428	310
\$20,000 to \$39,999 -----	331	910	234	276	397	796	738	377	935	571
\$40,000 to \$59,999 -----	396	394	112	142	170	718	345	1 067	1 074	454
\$60,000 to \$79,999 -----	319	177	25	47	76	328	144	958	1 059	225
\$80,000 to \$99,999 -----	208	43	15	31	9	149	31	560	532	72
\$100,000 to \$149,999 -----	165	23	—	15	15	75	31	463	273	39
\$150,000 to \$199,999 -----	36	—	—	7	—	10	3	168	46	6
\$200,000 to \$249,999 -----	12	—	6	—	2	7	—	48	10	5
\$250,000 to \$299,999 -----	9	—	—	—	2	—	—	19	—	—
\$300,000 to \$399,999 -----	—	—	—	6	—	—	—	12	—	—
\$400,000 to \$499,999 -----	—	—	—	—	—	—	—	5	—	—
\$500,000 or more -----	—	—	—	—	—	—	2	—	—	—
Median (dollars) -----	57 500	28 300	21 600	28 900	23 100	42 900	26 800	66 100	55 200	37 900
Mean (dollars) -----	65 100	32 500	28 700	36 400	29 600	47 000	31 800	78 100	57 600	42 500
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	1 604	2 283	724	827	1 175	2 328	2 052	3 725	4 357	1 682
With a mortgage -----	1 086	817	216	404	462	1 069	778	2 841	2 597	735
Less than \$200 -----	6	26	25	3	38	18	41	23	14	24
\$200 to \$299 -----	30	145	22	48	87	110	144	30	110	70
\$300 to \$399 -----	97	238	72	97	137	167	247	147	322	142
\$400 to \$499 -----	166	173	37	83	94	234	170	261	333	197
\$500 to \$599 -----	127	68	34	77	44	227	73	381	529	149
\$600 to \$699 -----	143	55	11	38	35	114	47	454	304	74
\$700 to \$999 -----	320	89	12	41	24	172	42	956	733	67
\$1,000 to \$1,999 -----	192	23	3	17	3	27	11	543	252	12
\$2,000 or more -----	5	—	—	—	—	—	3	46	—	—
Median (dollars) -----	677	400	376	455	377	502	380	730	598	464
Not mortgaged -----	518	1 466	508	423	713	1 259	1 274	884	1 760	947
Median (dollars) -----	190	155	167	197	155	180	156	224	208	181
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	1 604	2 283	724	827	1 175	2 328	2 052	3 725	4 357	1 682
With a mortgage -----	1 086	817	216	404	462	1 069	778	2 841	2 597	735
Less than 20 percent -----	590	515	143	250	252	654	534	1 327	1 406	452
20 to 24 percent -----	180	126	32	35	56	166	108	643	537	120
25 to 29 percent -----	116	40	10	39	47	72	48	449	287	48
30 to 34 percent -----	40	38	2	20	24	34	20	176	126	25
35 percent or more -----	148	89	29	60	83	135	64	240	227	90
Not computed -----	12	9	—	—	—	8	4	6	14	—
Median -----	19.1	16.5	15.7	17.6	18.9	18.0	15.9	20.7	19.2	17.3
Not mortgaged -----	518	1 466	508	423	713	1 259	1 274	884	1 760	947
Median -----	10.8	10.0	12.2	11.3	11.1	11.2	10.0	12.1	11.7	10.5
GROSS RENT										
Specified renter-occupied housing units -----	399	644	233	278	412	768	657	742	1 103	546
Less than \$100 -----	—	21	2	—	13	16	13	5	26	33
\$100 to \$199 -----	11	133	63	51	88	110	154	28	105	67
\$200 to \$299 -----	82	222	67	80	178	208	254	130	300	183
\$300 to \$399 -----	127	110	36	45	44	185	129	166	341	150
\$400 to \$499 -----	107	14	14	32	16	87	30	217	133	40
\$500 to \$599 -----	12	8	4	2	—	11	—	98	41	10
\$600 to \$749 -----	11	—	2	1	—	14	2	24	3	—
\$750 to \$999 -----	—	—	—	—	—	5	—	6	7	—
\$1,000 to \$1,999 -----	—	—	2	—	—	—	—	11	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	49	136	43	67	73	132	75	57	147	63
Median (dollars) -----	374	239	239	265	220	295	247	404	313	281
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	399	644	233	278	412	768	657	742	1 103	546
Less than 20 percent -----	211	268	107	109	157	311	303	330	511	196
20 to 24 percent -----	43	47	27	8	49	85	76	99	98	81
25 to 29 percent -----	10	56	18	34	42	60	75	74	80	66
30 to 34 percent -----	16	26	9	19	20	58	33	29	52	38
35 percent or more -----	70	107	29	41	65	113	84	147	201	98
Not computed -----	49	140	43	67	79	141	86	63	161	67
Median -----	18.5	19.0	18.7	19.5	21.0	20.1	19.1	20.5	19.1	22.7
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	399	644	233	278	412	768	657	742	1 103	546
With meals included in rent -----	2	—	—	—	—	—	—	4	2	—
Mean contract rent (dollars) -----	263	—	—	—	—	—	—	257	213	—
No meals included in rent -----	348	508	190	211	339	636	582	681	954	483
No cash rent -----	49	136	43	67	73	132	75	57	147	63
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	32 299	22 268	22 779	24 556	21 096	26 670	23 318	36 556	30 262	26 002
Owner occupied (dollars) -----	33 612	23 608	24 529	25 014	21 852	28 834	25 068	38 654	32 875	27 932
Renter occupied (dollars) -----	28 482	18 710	18 945	23 472	19 797	22 069	19 091	24 856	21 933	19 125

DETAILED HOUSING CHARACTERISTICS

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Ringgold County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County
VALUE										
Specified owner-occupied housing units -----	855	2 613	3 532	1 153	2 942	3 545	2 753	1 354	643	1 326
Less than \$20,000 -----	400	916	71	310	526	245	677	586	264	630
\$20,000 to \$39,999 -----	223	947	403	499	1 076	830	1 104	484	216	435
\$40,000 to \$59,999 -----	139	473	1 073	224	842	1 045	634	201	90	186
\$60,000 to \$79,999 -----	72	197	1 008	94	346	770	237	66	44	60
\$80,000 to \$99,999 -----	6	41	544	24	97	302	64	10	29	6
\$100,000 to \$149,999 -----	6	39	350	2	52	256	30	7	—	9
\$150,000 to \$199,999 -----	—	—	66	—	3	75	—	—	—	—
\$200,000 to \$249,999 -----	—	—	7	—	—	22	7	—	—	—
\$250,000 to \$299,999 -----	9	—	—	—	—	—	—	—	—	—
\$300,000 to \$399,999 -----	—	—	10	—	—	—	—	—	—	—
\$400,000 to \$499,999 -----	—	—	—	—	—	—	—	—	—	—
\$500,000 or more -----	—	—	—	—	—	—	—	—	—	—
Median (dollars) -----	21 800	27 500	63 000	29 900	37 900	52 600	32 100	23 500	23 700	21 500
Mean (dollars) -----	30 700	32 200	69 500	33 000	40 700	58 900	36 000	27 300	30 500	26 300
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	855	2 613	3 532	1 153	2 942	3 545	2 753	1 354	643	1 326
With a mortgage -----	294	912	2 496	451	1 272	2 426	1 109	405	243	488
Less than \$200 -----	14	52	2	8	36	5	10	23	5	18
\$200 to \$299 -----	49	144	32	57	148	76	89	73	52	100
\$300 to \$399 -----	81	312	188	98	313	239	293	107	64	170
\$400 to \$499 -----	38	189	296	135	339	445	249	78	53	82
\$500 to \$599 -----	49	91	446	68	188	409	239	60	37	70
\$600 to \$699 -----	29	60	467	45	103	350	89	26	5	11
\$700 to \$999 -----	21	60	823	34	98	629	111	17	13	25
\$1,000 to \$1,999 -----	13	4	240	6	47	266	29	21	14	12
\$2,000 or more -----	—	—	2	—	—	7	—	—	—	—
Median (dollars) -----	409	383	665	457	436	610	466	400	401	365
Not mortgaged -----	561	1 701	1 036	702	1 670	1 119	1 644	949	400	838
Median (dollars) -----	156	162	230	181	182	221	185	151	156	165
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	855	2 613	3 532	1 153	2 942	3 545	2 753	1 354	643	1 326
With a mortgage -----	294	912	2 496	451	1 272	2 426	1 109	405	243	488
Less than 20 percent -----	172	553	1 373	278	749	1 337	690	262	160	264
20 to 24 percent -----	37	158	588	48	200	494	195	48	36	67
25 to 29 percent -----	26	78	210	21	92	253	81	16	15	45
30 to 34 percent -----	10	27	85	53	67	114	49	20	11	32
35 percent or more -----	49	93	239	51	161	224	94	59	21	74
Not computed -----	—	3	1	—	3	4	—	—	—	6
Median -----	18.1	17.8	19.0	17.9	18.3	19.0	17.8	17.1	16.7	19.1
Not mortgaged -----	561	1 701	1 036	702	1 670	1 119	1 644	949	400	838
Median -----	12.6	10.2	10.0-	11.0	10.0-	10.8	11.8	12.6	10.5	12.6
GROSS RENT										
Specified renter-occupied housing units -----	364	926	1 098	404	813	1 209	913	479	235	495
Less than \$100 -----	13	23	—	5	29	14	18	20	15	12
\$100 to \$199 -----	89	226	37	88	155	127	129	140	59	124
\$200 to \$299 -----	108	294	223	135	261	199	261	133	29	173
\$300 to \$399 -----	74	169	463	50	157	326	250	84	62	72
\$400 to \$499 -----	21	57	199	36	41	289	72	32	16	30
\$500 to \$599 -----	7	20	78	5	19	118	10	6	19	9
\$600 to \$749 -----	—	9	36	—	15	23	5	—	2	—
\$750 to \$999 -----	—	2	1	3	—	7	8	—	—	—
\$1,000 to \$1,999 -----	2	—	7	—	—	2	—	—	—	—
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	50	126	54	82	136	104	160	64	33	75
Median (dollars) -----	258	250	355	249	263	367	288	235	292	243
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	364	926	1 098	404	813	1 209	913	479	235	495
Less than 20 percent -----	112	346	503	168	341	477	337	132	89	191
20 to 24 percent -----	51	121	96	72	118	165	133	54	23	41
25 to 29 percent -----	29	99	115	12	85	121	69	49	23	40
30 to 34 percent -----	42	51	76	11	37	81	43	18	10	40
35 percent or more -----	80	179	245	55	94	256	158	162	57	101
Not computed -----	50	130	63	86	138	109	173	64	33	77
Median -----	24.4	22.1	20.8	19.3	19.9	22.2	21.2	27.2	22.6	21.6
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	364	926	1 098	404	813	1 209	913	479	235	495
With meals included in rent -----	2	3	—	3	2	13	12	—	—	—
Mean contract rent (dollars) -----	1 250	146	—	875	625	170	696	—	—	—
No meals included in rent -----	312	797	1 044	319	675	1 092	741	415	202	420
No cash rent -----	50	126	54	82	136	104	160	64	33	75
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	21 000	21 683	34 569	23 024	25 895	31 229	24 930	18 325	21 889	18 903
Owner occupied (dollars) -----	22 581	23 738	38 353	24 837	27 451	34 962	26 701	20 698	22 946	20 370
Renter occupied (dollars) -----	12 849	17 146	21 386	20 166	21 166	20 794	20 545	12 140	17 266	15 417

Table 98. Financial Characteristics of Rural Housing Units: 1990—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Wapello County	Warren County	Washington County	Wayne County	Webster County	Winneshiek County	Winneshiek County	Woodbury County	Worth County	Wright County
VALUE										
Specified owner-occupied housing units -----	1 824	2 210	2 002	1 375	2 885	1 665	1 541	2 719	1 594	844
Less than \$20,000 -----	651	150	238	689	672	395	208	679	279	284
\$20,000 to \$39,999 -----	560	473	621	430	1 112	569	553	787	723	303
\$40,000 to \$59,999 -----	347	640	557	172	704	424	462	582	393	125
\$60,000 to \$79,999 -----	165	491	369	63	264	196	201	350	149	76
\$80,000 to \$99,999 -----	57	243	118	11	85	58	59	159	26	27
\$100,000 to \$149,999 -----	32	183	87	6	46	17	34	124	17	27
\$150,000 to \$199,999 -----	8	13	11	4	2	6	6	29	—	—
\$200,000 to \$249,999 -----	4	13	—	—	—	—	7	9	7	2
\$250,000 to \$299,999 -----	—	—	—	—	—	—	—	—	—	—
\$300,000 to \$399,999 -----	—	4	1	—	—	—	—	—	—	—
\$400,000 to \$499,999 -----	—	—	—	—	—	—	8	—	—	—
\$500,000 or more -----	—	—	—	—	—	—	3	—	—	—
Median (dollars) -----	30 200	54 700	44 900	20 000	33 300	35 300	40 300	37 200	33 400	28 200
Mean (dollars) -----	35 100	59 900	48 800	25 700	37 400	38 700	47 500	44 600	37 800	35 700
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units -----	1 824	2 210	2 002	1 375	2 885	1 665	1 541	2 719	1 594	844
With a mortgage -----	792	1 563	1 023	390	1 382	767	771	1 261	747	408
Less than \$200 -----	14	6	28	29	34	10	17	24	19	2
\$200 to \$299 -----	148	63	95	98	135	77	67	123	92	43
\$300 to \$399 -----	186	193	185	101	296	180	128	213	199	106
\$400 to \$499 -----	142	253	172	76	358	180	214	231	171	88
\$500 to \$599 -----	143	275	165	52	252	125	160	211	143	67
\$600 to \$699 -----	49	267	154	18	138	69	55	169	52	53
\$700 to \$999 -----	91	407	186	14	135	100	97	215	58	49
\$1,000 to \$1,999 -----	19	81	37	2	34	26	25	66	13	—
\$2,000 or more -----	—	18	1	—	—	—	8	9	—	—
Median (dollars) -----	421	597	515	360	451	469	485	516	432	460
Not mortgaged -----	1 032	647	979	985	1 503	898	770	1 458	847	436
Median (dollars) -----	166	205	186	166	179	169	174	180	183	188
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units -----	1 824	2 210	2 002	1 375	2 885	1 665	1 541	2 719	1 594	844
With a mortgage -----	792	1 563	1 023	390	1 382	767	771	1 261	747	408
Less than 20 percent -----	534	935	607	214	792	448	380	680	450	285
20 to 24 percent -----	101	277	196	51	225	109	175	195	126	34
25 to 29 percent -----	22	159	90	41	146	57	76	148	62	37
30 to 34 percent -----	40	61	43	25	61	40	26	78	24	4
35 percent or more -----	89	122	86	55	156	111	114	154	78	48
Not computed -----	6	9	1	4	2	2	—	6	7	—
Median -----	17.1	18.3	17.9	19.0	18.4	18.4	20.2	19.1	18.1	16.9
Not mortgaged -----	1 032	647	979	985	1 503	898	770	1 458	847	436
Median -----	10.0	11.7	10.2	13.2	10.8	11.9	10.9	11.6	12.1	10.0
GROSS RENT										
Specified renter-occupied housing units -----	491	443	791	534	955	563	558	756	557	318
Less than \$100 -----	28	15	23	21	12	7	17	13	20	2
\$100 to \$199 -----	109	50	104	151	197	125	92	118	138	68
\$200 to \$299 -----	130	98	173	171	251	216	226	267	194	96
\$300 to \$399 -----	118	99	233	95	227	104	101	187	124	55
\$400 to \$499 -----	24	50	107	21	75	38	9	34	23	20
\$500 to \$599 -----	15	41	23	7	24	5	8	30	6	—
\$600 to \$749 -----	—	10	2	2	2	—	7	—	—	—
\$750 to \$999 -----	—	19	2	—	4	2	—	—	—	—
\$1,000 to \$1,999 -----	—	—	—	—	3	—	—	—	—	5
\$2,000 or more -----	—	—	—	—	—	—	—	—	—	—
No cash rent -----	67	61	124	66	160	66	98	107	52	72
Median (dollars) -----	264	340	312	229	277	250	261	274	255	269
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units -----	491	443	791	534	955	563	558	756	557	318
Less than 20 percent -----	192	189	315	155	372	267	242	282	251	113
20 to 24 percent -----	46	65	102	60	120	42	66	82	67	11
25 to 29 percent -----	37	28	87	78	96	47	53	64	45	22
30 to 34 percent -----	25	14	38	46	50	37	15	72	42	3
35 percent or more -----	111	86	123	125	148	100	75	140	100	55
Not computed -----	80	61	126	70	169	70	107	116	52	74
Median -----	21.5	20.2	20.9	26.1	20.9	19.0	19.0	22.3	20.1	17.1
MEALS INCLUDED IN RENT										
Specified renter-occupied housing units -----	491	443	791	534	955	563	558	756	557	318
With meals included in rent -----	—	—	13	—	—	2	5	—	—	—
Mean contract rent (dollars) -----	—	—	336	—	—	187	50	—	—	—
No meals included in rent -----	424	382	654	468	795	495	455	649	505	246
No cash rent -----	67	61	124	66	160	66	98	107	52	72
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	24 836	32 689	26 672	17 728	25 079	23 402	23 783	24 722	22 983	27 904
Owner occupied (dollars) -----	26 569	34 184	28 830	19 534	27 080	25 222	25 617	26 747	24 581	30 550
Renter occupied (dollars) -----	16 172	27 056	20 714	12 403	17 965	16 875	18 622	17 769	18 861	22 929

Table 99. Occupancy and Social Characteristics of Rural Farm Housing Units: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	The State	Adair County	Adams County	Allamakee County	Appanoose County	Audubon County	Benton County	Black Hawk County	Boone County	Bremer County
Occupied housing units	90 520	857	574	907	561	728	1 228	1 004	987	937
POPULATION										
All persons	256 562	2 344	1 424	2 635	1 454	2 047	3 430	2 834	2 589	2 788
Persons in occupied housing units	256 562	2 344	1 424	2 635	1 454	2 047	3 430	2 834	2 589	2 788
Per occupied housing unit	2.83	2.74	2.48	2.91	2.59	2.81	2.79	2.82	2.62	2.98
Owner-occupied housing units	186 357	1 618	1 025	2 159	1 298	1 467	2 501	2 199	1 966	2 089
Per owner-occupied housing unit	2.70	2.48	2.32	2.95	2.59	2.63	2.79	2.81	2.56	2.82
Renter-occupied housing units	70 205	726	399	476	156	580	929	635	623	699
Per renter-occupied housing unit	3.26	3.54	3.02	2.74	2.60	3.39	2.79	2.87	2.86	3.57
TENURE										
Owner-occupied housing units	68 990	652	442	733	501	557	895	783	769	741
Renter-occupied housing units	21 530	205	132	174	60	171	333	221	218	196
AGE OF HOUSEHOLDER										
Under 25 years	1 729	27	13	31	13	21	18	19	8	12
25 to 34 years	13 245	129	77	168	37	119	180	120	72	112
35 to 44 years	16 940	132	85	199	109	129	237	185	209	225
45 to 54 years	16 663	151	108	194	100	156	332	254	90	193
55 to 64 years	19 126	169	121	202	134	153	221	219	242	222
65 to 74 years	14 128	163	101	87	102	93	152	132	165	111
75 years and over	8 689	86	69	26	66	57	88	75	201	62
YEAR STRUCTURE BUILT										
1989 to March 1990	286	2	—	—	4	—	—	—	6	—
1980 to 1988	3 793	52	45	52	49	9	14	27	46	17
1960 to 1979	17 356	95	92	143	165	111	231	219	151	144
1940 to 1959	14 239	201	109	116	101	158	222	232	217	92
1939 or earlier	54 846	507	328	596	242	450	761	526	567	684
KITCHEN FACILITIES										
Complete kitchen facilities	89 846	855	562	900	548	728	1 228	996	987	937
Lacking complete kitchen facilities	674	2	12	7	13	—	—	8	—	—
SOURCE OF WATER										
Public system or private company	15 536	130	38	8	409	65	41	10	188	33
Individual drilled well	60 205	359	307	879	68	340	1 060	883	627	859
Individual dug well	13 536	348	229	15	84	316	108	97	172	40
Some other source	1 243	20	—	5	—	7	19	14	—	5
SEWAGE DISPOSAL										
Public sewer	1 967	28	16	3	15	8	23	10	21	46
Septic tank or cesspool	85 789	803	542	839	494	696	1 190	968	949	891
Other means	2 764	26	16	65	52	24	15	26	17	—
HOUSE HEATING FUEL										
Utility gas	4 046	61	35	—	15	37	8	99	146	45
Bottled, tank, or LP gas	50 119	547	313	330	308	353	415	531	552	474
Electricity	8 212	72	57	53	111	79	138	45	78	33
Fuel oil, kerosene, etc.	19 052	134	123	245	7	207	523	241	102	269
All other fuels	9 040	43	46	279	120	52	144	88	109	116
No fuel used	51	—	—	—	—	—	—	—	—	—
BEDROOMS										
None	38	—	—	—	—	—	—	8	—	—
1	985	18	8	6	15	—	12	9	2	2
2	10 177	113	95	55	132	68	66	88	137	66
3	41 024	320	265	340	329	329	520	439	496	364
4	29 019	330	121	365	68	241	480	354	303	353
5 or more	9 277	76	85	141	17	90	150	106	49	152
VEHICLES AVAILABLE										
None	1 116	—	6	5	8	—	2	8	44	14
1	10 736	86	57	102	106	79	107	118	95	104
2	39 438	413	269	383	204	338	463	440	468	404
3 or more	39 230	358	242	417	243	311	656	438	380	415
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	4 378	25	9	41	42	57	25	25	61	41
1985 to 1988	10 688	118	76	100	67	34	149	89	134	103
1980 to 1984	10 728	76	103	125	36	87	141	124	70	70
1979 or earlier	64 726	638	386	641	416	550	913	766	722	723
PERSONS PER ROOM										
0.50 or less	68 554	685	467	642	410	526	947	784	851	683
0.51 to 0.75	14 845	121	84	161	107	148	214	134	95	195
0.76 to 1.00	6 206	46	23	92	29	54	67	60	41	47
1.01 to 1.50	791	5	—	6	12	—	—	26	—	12
1.51 or more	124	—	—	6	3	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	89 480	851	568	895	541	718	1 228	996	985	929
1.01 or more	865	5	—	12	15	—	—	26	—	12
Lacking complete plumbing facilities	1 040	6	6	12	20	10	—	8	2	8
1.01 or more	50	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	9 235	86	86	109	75	55	158	84	37	106
Renter occupied	3 162	30	17	31	5	25	47	42	15	49
Built 1939 or earlier	5 706	43	51	67	33	29	105	37	24	77
Lacking complete plumbing facilities	298	6	—	—	6	—	—	8	—	6
No vehicle available	327	—	—	—	—	—	—	8	—	8
No telephone in unit	370	3	—	5	13	—	—	—	7	—
1.01 or more persons per room	280	—	—	6	6	—	—	—	—	7
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	28 006	25 719	22 329	30 027	26 563	27 389	29 400	34 255	30 610	29 099
Owner occupied (dollars)	29 227	25 750	21 976	33 139	26 424	30 598	30 145	39 250	33 275	32 227
Renter occupied (dollars)	25 294	24 750	25 952	21 364	28 125	23 672	27 083	26 761	25 741	20 333

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Buchanan County	Buena Vista County	Butler County	Calhoun County	Carroll County	Cass County	Cedar County	Cerro Gordo County	Cherokee County	Chickasaw County
Occupied housing units	1 100	951	1 108	885	987	929	1 172	797	831	933
POPULATION										
All persons	3 643	2 624	3 077	2 439	3 486	2 628	3 239	2 114	2 330	2 647
Persons in occupied housing units	3 643	2 624	3 077	2 439	3 486	2 628	3 239	2 114	2 330	2 647
Per occupied housing unit	3.31	2.76	2.78	2.76	3.53	2.83	2.76	2.65	2.80	2.84
Owner-occupied housing units	2 975	1 690	2 357	1 512	2 816	1 829	2 147	1 552	1 575	2 211
Per owner-occupied housing unit	3.36	2.69	2.87	2.50	3.67	2.73	2.60	2.61	2.54	2.83
Renter-occupied housing units	668	934	720	927	670	799	1 092	562	755	436
Per renter-occupied housing unit	3.12	2.89	2.51	3.32	3.05	3.08	3.17	2.77	3.56	2.89
TENURE										
Owner-occupied housing units	886	628	821	606	767	670	827	594	619	782
Renter-occupied housing units	214	323	287	279	220	259	345	203	212	151
AGE OF HOUSEHOLDER										
Under 25 years	13	34	43	15	16	28	24	5	19	18
25 to 34 years	190	115	157	103	167	140	191	181	117	153
35 to 44 years	198	201	198	183	255	185	256	105	150	147
45 to 54 years	253	171	204	199	182	194	197	89	118	170
55 to 64 years	152	207	218	176	214	161	229	258	191	223
65 to 74 years	153	147	186	132	103	133	218	96	149	145
75 years and over	141	76	102	77	50	88	57	63	87	77
YEAR STRUCTURE BUILT										
1989 to March 1990	11	—	6	—	—	—	—	—	—	—
1980 to 1988	96	40	50	57	36	25	59	30	33	27
1960 to 1979	253	98	205	127	184	172	208	139	191	186
1940 to 1959	207	184	140	136	99	162	191	168	163	147
1939 or earlier	533	629	707	565	668	570	714	460	444	573
KITCHEN FACILITIES										
Complete kitchen facilities	1 025	946	1 108	885	987	924	1 170	795	831	925
Lacking complete kitchen facilities	75	5	—	—	—	5	2	2	—	8
SOURCE OF WATER										
Public system or private company	25	28	48	44	252	35	30	13	388	18
Individual drilled well	1 006	576	1 020	610	499	612	1 108	749	200	849
Individual dug well	49	347	33	231	230	260	34	26	229	53
Some other source	20	—	7	—	6	22	—	9	14	13
SEWAGE DISPOSAL										
Public sewer	27	16	32	34	23	19	21	18	33	20
Septic tank or cesspool	983	930	1 036	849	945	872	1 124	765	771	875
Other means	90	5	40	2	19	38	27	14	27	38
HOUSE HEATING FUEL										
Utility gas	52	35	70	65	37	40	41	34	59	17
Bottled, tank, or LP gas	622	555	655	568	500	683	621	622	372	444
Electricity	58	107	96	42	121	62	100	38	162	51
Fuel oil, kerosene, etc.	183	222	217	165	303	97	313	75	192	303
All other fuels	185	32	70	45	26	47	97	28	46	118
No fuel used	—	—	—	—	—	—	—	—	—	—
BEDROOMS										
None	—	—	—	—	—	5	2	—	—	—
1	14	18	11	6	6	5	—	6	16	14
2	131	84	113	87	60	85	99	57	79	139
3	519	390	500	337	396	427	514	382	387	448
4	335	334	340	386	347	255	473	295	252	264
5 or more	101	125	144	69	178	152	84	57	97	68
VEHICLES AVAILABLE										
None	73	—	—	2	14	1	—	—	6	8
1	166	74	119	121	54	131	136	112	105	129
2	474	499	497	387	429	425	518	349	393	391
3 or more	387	378	492	375	490	372	518	336	327	405
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	78	39	66	56	50	59	101	32	42	39
1985 to 1988	115	125	140	72	116	122	149	92	87	114
1980 to 1984	168	79	92	164	107	139	117	99	110	114
1979 or earlier	739	708	810	593	714	609	805	574	592	666
PERSONS PER ROOM										
0.50 or less	749	754	838	672	647	766	906	610	634	628
0.51 to 0.75	216	150	213	185	179	111	196	136	117	197
0.76 to 1.00	96	40	55	22	148	35	60	30	70	69
1.01 to 1.50	39	7	2	6	13	7	10	21	10	30
1.51 or more	—	—	—	—	—	10	—	—	—	9
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 022	951	1 100	874	987	913	1 164	793	825	912
1.01 or more	21	7	2	6	13	17	10	21	10	39
Lacking complete plumbing facilities	78	—	8	11	—	16	8	4	6	21
1.01 or more	18	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	116	28	86	66	118	129	164	84	91	115
Renter occupied	45	10	25	39	23	59	61	47	47	13
Built 1939 or earlier	57	18	70	45	103	90	88	55	55	50
Lacking complete plumbing facilities	50	—	—	—	—	—	6	—	—	—
No vehicle available	45	—	—	2	5	1	—	—	—	—
No telephone in unit	52	—	—	—	—	13	9	—	—	—
1.01 or more persons per room	24	—	—	—	—	5	7	8	5	17
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	26 412	29 830	26 233	29 551	27 205	24 538	31 717	27 969	24 562	25 511
Owner occupied (dollars)	26 531	30 172	27 325	30 600	27 117	26 150	33 975	30 781	25 350	26 356
Renter occupied (dollars)	24 773	29 087	23 920	28 317	27 647	22 684	29 491	19 917	23 056	17 171

DETAILED HOUSING CHARACTERISTICS

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Clarke County	Clay County	Clayton County	Clinton County	Crawford County	Dallas County	Davis County	Decatur County	Delaware County	Des Moines County
Occupied housing units -----	453	767	1 519	1 337	1 131	991	733	486	1 278	637
POPULATION										
All persons -----	1 311	2 167	4 756	3 866	3 322	2 779	2 251	1 272	3 900	1 571
Persons in occupied housing units -----	1 311	2 167	4 756	3 866	3 322	2 779	2 251	1 272	3 900	1 571
Per occupied housing unit -----	2.89	2.83	3.13	2.89	2.94	2.80	3.07	2.62	3.05	2.47
Owner-occupied housing units -----	1 115	1 318	3 310	2 655	2 224	2 065	2 001	992	2 585	1 251
Per owner-occupied housing unit -----	2.87	2.55	2.95	2.68	2.73	2.60	3.22	2.43	2.72	2.37
Renter-occupied housing units -----	196	849	1 446	1 211	1 098	714	250	280	1 315	320
Per renter-occupied housing unit -----	3.02	3.40	3.64	3.50	3.49	3.61	2.25	3.59	4.01	2.91
TENURE										
Owner-occupied housing units -----	388	517	1 122	991	816	793	622	408	950	527
Renter-occupied housing units -----	65	250	397	346	315	198	111	78	328	110
AGE OF HOUSEHOLDER										
Under 25 years -----	9	11	49	23	27	17	12	11	28	12
25 to 34 years -----	67	116	226	206	186	111	115	30	262	77
35 to 44 years -----	88	152	359	338	258	182	149	92	200	48
45 to 54 years -----	90	119	309	284	206	145	103	74	253	144
55 to 64 years -----	92	171	280	219	227	222	159	112	333	84
65 to 74 years -----	88	134	184	168	154	212	125	92	108	142
75 years and over -----	19	64	112	99	73	102	70	75	94	130
YEAR STRUCTURE BUILT										
1989 to March 1990 -----	—	—	5	—	—	12	—	4	8	—
1980 to 1988 -----	22	16	85	24	86	43	48	32	23	38
1960 to 1979 -----	145	124	238	281	205	199	187	146	276	109
1940 to 1959 -----	89	127	125	150	119	220	69	124	180	97
1939 or earlier -----	197	500	1 066	882	721	517	429	180	791	393
KITCHEN FACILITIES										
Complete kitchen facilities -----	453	767	1 502	1 337	1 126	984	715	472	1 271	637
Lacking complete kitchen facilities -----	—	—	17	—	5	7	18	14	7	—
SOURCE OF WATER										
Public system or private company -----	34	496	49	21	152	235	540	147	8	16
Individual drilled well -----	184	144	1 376	1 256	443	529	47	150	1 228	535
Individual dug well -----	225	99	43	44	528	206	109	143	40	68
Some other source -----	10	28	51	16	8	21	37	46	2	18
SEWAGE DISPOSAL										
Public sewer -----	10	11	33	35	45	25	2	18	7	9
Septic tank or cesspool -----	438	750	1 425	1 270	1 026	940	672	409	1 264	601
Other means -----	5	6	61	32	60	26	59	59	7	27
HOUSE HEATING FUEL										
Utility gas -----	13	42	31	9	34	58	6	21	21	41
Bottled, tank, or LP gas -----	232	492	562	549	486	656	404	229	786	440
Electricity -----	34	85	110	93	202	91	57	59	39	48
Fuel oil, kerosene, etc. -----	75	116	353	535	338	129	22	64	355	57
All other fuels -----	99	32	463	151	71	57	244	107	77	51
No fuel used -----	—	—	—	—	—	—	—	6	—	—
BEDROOMS										
None -----	—	—	—	—	—	—	—	—	—	—
1 -----	10	4	8	13	2	—	7	—	17	8
2 -----	107	66	185	118	122	143	163	146	67	56
3 -----	240	429	551	584	547	500	340	185	472	371
4 -----	79	243	564	453	395	293	124	109	451	146
5 or more -----	17	25	211	169	65	55	99	46	271	56
VEHICLES AVAILABLE										
None -----	—	13	30	6	5	5	51	6	—	—
1 -----	30	71	236	165	117	118	134	73	141	118
2 -----	159	373	722	556	479	359	241	149	574	268
3 or more -----	264	310	531	610	530	509	307	258	563	251
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990 -----	28	41	109	67	83	37	46	32	75	12
1985 to 1988 -----	45	107	193	166	97	147	77	70	106	99
1980 to 1984 -----	84	83	127	159	185	111	93	26	146	79
1979 or earlier -----	296	536	1 090	945	766	696	517	358	951	447
PERSONS PER ROOM										
0.50 or less -----	345	543	1 066	935	811	814	491	361	877	467
0.51 to 0.75 -----	75	164	279	272	201	122	141	83	271	126
0.76 to 1.00 -----	22	60	146	118	100	47	66	26	119	44
1.01 to 1.50 -----	6	—	17	12	13	2	35	16	8	—
1.51 or more -----	5	—	11	—	6	6	—	—	3	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities -----	448	767	1 492	1 335	1 123	975	713	477	1 274	617
1.01 or more -----	11	—	19	12	19	8	35	16	11	—
Lacking complete plumbing facilities -----	5	—	27	2	8	16	20	9	4	20
1.01 or more -----	—	—	9	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units -----	27	63	242	102	152	65	109	82	141	41
Renter occupied -----	—	22	116	33	91	22	38	41	64	10
Built 1939 or earlier -----	11	38	188	96	105	30	46	16	73	36
Lacking complete plumbing facilities -----	—	—	14	—	3	—	7	2	—	9
No vehicle available -----	—	1	19	6	—	—	22	—	—	—
No telephone in unit -----	—	—	12	—	6	2	20	—	2	—
1.01 or more persons per room -----	5	—	23	5	—	—	20	—	8	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars) -----	28 125	31 138	22 935	30 284	25 693	35 146	21 094	22 727	29 492	38 062
Owner occupied (dollars) -----	27 237	31 597	23 288	31 906	29 423	36 528	22 039	23 636	31 649	39 812
Renter occupied (dollars) -----	32 292	30 921	21 708	27 500	18 869	25 789	12 225	11 250	25 865	32 941

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Dickinson County	Dubuque County	Emmet County	Fayette County	Floyd County	Franklin County	Fremont County	Greene County	Grundy County	Guthrie County
Occupied housing units	492	1 384	485	1 665	910	1 014	612	831	799	844
POPULATION										
All persons	1 325	5 161	1 378	4 701	2 405	2 822	1 660	2 041	2 229	2 053
Persons in occupied housing units	1 325	5 161	1 378	4 701	2 405	2 822	1 660	2 041	2 229	2 053
Per occupied housing unit	2.69	3.73	2.84	2.82	2.64	2.78	2.71	2.46	2.79	2.43
Owner-occupied housing units	912	4 223	803	3 380	1 749	1 969	975	1 304	1 402	1 456
Per owner-occupied housing unit	2.47	3.66	2.53	2.65	2.54	2.64	2.25	2.30	2.59	2.24
Renter-occupied housing units	413	938	575	1 321	656	853	685	737	827	597
Per renter-occupied housing unit	3.36	4.06	3.42	3.40	2.95	3.17	3.85	2.79	3.21	3.09
TENURE										
Owner-occupied housing units	369	1 153	317	1 276	688	745	434	567	541	651
Renter-occupied housing units	123	231	168	389	222	269	178	264	258	193
AGE OF HOUSEHOLDER										
Under 25 years	—	36	28	39	22	12	5	13	15	19
25 to 34 years	93	264	77	264	130	118	86	104	120	146
35 to 44 years	103	232	67	314	148	252	129	172	131	117
45 to 54 years	84	350	95	315	162	136	81	89	181	113
55 to 64 years	103	259	107	336	244	238	89	186	160	228
65 to 74 years	58	149	74	263	100	158	122	148	120	121
75 years and over	51	94	37	134	104	100	100	119	72	100
YEAR STRUCTURE BUILT										
1989 to March 1990	—	23	—	—	—	—	7	—	—	—
1980 to 1988	43	46	24	44	34	97	44	20	47	57
1960 to 1979	62	325	114	337	152	143	133	120	155	116
1940 to 1959	124	234	109	291	125	252	89	144	148	132
1939 or earlier	263	756	238	993	599	522	339	547	449	539
KITCHEN FACILITIES										
Complete kitchen facilities	492	1 379	485	1 656	910	1 014	612	814	792	829
Lacking complete kitchen facilities	—	5	—	9	—	—	—	17	7	15
SOURCE OF WATER										
Public system or private company	210	21	33	76	11	31	87	37	21	53
Individual drilled well	210	1 311	425	1 503	884	921	331	654	754	551
Individual dug well	65	26	27	36	15	56	192	140	22	215
Some other source	7	26	—	50	—	6	2	—	2	25
SEWAGE DISPOSAL										
Public sewer	17	46	9	45	17	20	17	26	9	28
Septic tank or cesspool	475	1 317	469	1 605	875	980	566	775	784	789
Other means	—	21	7	15	18	14	29	30	6	27
HOUSE HEATING FUEL										
Utility gas	26	65	10	65	47	27	9	44	34	38
Bottled, tank, or LP gas	326	539	236	763	474	529	394	549	463	479
Electricity	53	67	84	91	50	60	22	57	48	81
Fuel oil, kerosene, etc.	51	503	148	562	242	363	127	110	248	143
All other fuels	36	210	7	180	97	30	54	71	6	103
No fuel used	—	—	—	4	—	5	6	—	—	—
BEDROOMS										
None	—	—	—	—	—	—	—	—	—	—
1	15	16	—	23	—	25	7	16	10	18
2	45	79	32	164	128	89	94	79	77	86
3	232	589	237	706	419	511	307	427	324	464
4	150	501	173	579	295	318	181	239	273	239
5 or more	50	199	43	193	68	71	23	70	115	37
VEHICLES AVAILABLE										
None	—	13	—	24	28	19	17	3	15	7
1	52	176	64	265	74	112	59	110	91	125
2	253	638	221	709	386	415	271	423	337	383
3 or more	187	557	200	667	422	468	265	295	356	329
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	8	119	29	57	83	49	52	25	25	68
1985 to 1988	61	128	81	185	79	136	68	85	85	81
1980 to 1984	82	155	58	209	75	156	86	86	125	100
1979 or earlier	341	982	317	1 214	673	673	406	635	564	595
PERSONS PER ROOM										
0.50 or less	391	768	399	1 239	735	755	508	706	603	691
0.51 to 0.75	58	352	35	312	125	182	85	75	138	132
0.76 to 1.00	37	224	49	75	43	73	19	50	58	21
1.01 to 1.50	6	39	2	31	7	4	—	—	—	—
1.51 or more	—	1	—	8	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	492	1 379	485	1 663	903	1 014	612	802	799	821
1.01 or more	6	40	2	39	7	4	—	—	—	—
Lacking complete plumbing facilities	—	5	—	2	7	—	—	29	—	23
1.01 or more	—	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	48	193	34	193	151	98	50	49	62	89
Renter occupied	19	36	10	58	47	37	25	30	32	26
Built 1939 or earlier	24	111	16	121	125	61	36	30	31	60
Lacking complete plumbing facilities	—	—	—	2	7	—	—	—	—	—
No vehicle available	—	5	—	7	8	7	4	—	8	—
No telephone in unit	—	—	—	7	13	—	—	—	—	—
1.01 or more persons per room	6	10	—	15	—	—	—	—	—	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	27 885	31 576	27 768	26 144	28 542	28 636	27 119	26 380	31 403	26 442
Owner occupied (dollars)	28 977	33 682	28 160	27 782	30 536	30 362	28 500	27 326	32 259	27 425
Renter occupied (dollars)	21 875	25 694	26 932	19 353	25 577	24 102	25 938	23 906	29 750	22 083

DETAILED HOUSING CHARACTERISTICS

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Hamilton County	Hancock County	Hardin County	Harrison County	Henry County	Howard County	Humboldt County	Ida County	Iowa County	Jackson County
Occupied housing units	888	881	933	852	819	818	637	718	900	1 169
POPULATION										
All persons	2 311	2 709	2 577	2 268	2 152	2 327	1 823	2 256	2 774	3 409
Persons in occupied housing units	2 311	2 709	2 577	2 268	2 152	2 327	1 823	2 256	2 774	3 409
Per occupied housing unit	2.60	3.07	2.76	2.66	2.63	2.84	2.86	3.14	3.08	2.92
Owner-occupied housing units	1 468	1 835	1 590	1 584	1 610	1 909	1 054	1 505	2 166	2 625
Per owner-occupied housing unit	2.60	3.08	2.51	2.57	2.47	2.83	2.58	3.12	3.03	2.84
Renter-occupied housing units	843	874	987	684	542	418	769	751	608	784
Per renter-occupied housing unit	2.61	3.07	3.29	2.90	3.23	2.92	3.37	3.18	3.27	3.21
TENURE										
Owner-occupied housing units	565	596	633	616	651	675	409	482	714	925
Renter-occupied housing units	323	285	300	236	168	143	228	236	186	244
AGE OF HOUSEHOLDER										
Under 25 years	14	6	23	22	6	14	6	26	9	19
25 to 34 years	149	202	147	112	115	83	100	189	132	151
35 to 44 years	168	173	118	150	134	157	95	123	181	226
45 to 54 years	92	174	181	106	184	146	109	130	153	278
55 to 64 years	164	172	219	186	132	236	119	134	235	249
65 to 74 years	196	113	157	132	144	109	126	93	134	176
75 years and over	105	41	88	144	104	73	82	23	56	70
YEAR STRUCTURE BUILT										
1989 to March 1990	7	12	6	5	6	—	—	6	13	—
1980 to 1988	11	21	14	12	51	20	12	26	29	32
1960 to 1979	116	142	157	144	183	201	93	98	192	215
1940 to 1959	172	171	157	81	77	105	110	97	94	146
1939 or earlier	582	535	599	610	502	492	422	491	572	776
KITCHEN FACILITIES										
Complete kitchen facilities	882	881	933	845	799	805	637	718	895	1 155
Lacking complete kitchen facilities	6	—	—	7	20	13	—	—	5	14
SOURCE OF WATER										
Public system or private company	31	34	14	45	46	11	30	35	86	16
Individual drilled well	816	792	894	640	596	799	556	399	725	1 094
Individual dug well	41	49	25	162	131	5	51	284	77	21
Some other source	—	6	—	5	46	3	—	—	12	38
SEWAGE DISPOSAL										
Public sewer	23	16	14	13	7	12	19	32	14	19
Septic tank or cesspool	852	847	892	795	771	767	608	659	832	1 024
Other means	13	18	27	44	41	39	10	27	54	126
HOUSE HEATING FUEL										
Utility gas	33	83	46	14	25	6	15	25	9	32
Bottled, tank, or LP gas	672	515	572	472	562	525	499	361	352	354
Electricity	32	58	64	90	89	53	32	154	60	52
Fuel oil, kerosene, etc.	113	172	222	158	51	161	69	131	367	399
All other fuels	38	53	29	108	92	73	22	47	112	332
No fuel used	—	—	—	10	—	—	—	—	—	—
BEDROOMS										
None	—	—	—	—	—	—	—	—	—	—
1	—	—	7	23	3	23	—	4	—	9
2	97	72	112	164	132	65	45	73	113	95
3	427	416	464	378	299	336	309	335	372	517
4	302	331	264	189	318	315	216	184	303	437
5 or more	62	62	86	98	67	79	67	122	112	111
VEHICLES AVAILABLE										
None	6	6	12	6	19	14	—	2	17	10
1	110	71	128	152	89	61	71	48	83	156
2	346	388	367	370	332	488	316	303	375	553
3 or more	426	416	426	324	379	255	250	365	425	450
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	42	59	41	57	26	21	25	62	43	50
1985 to 1988	126	96	108	116	105	121	53	66	83	128
1980 to 1984	94	88	124	75	110	70	60	131	84	104
1979 or earlier	626	638	660	604	578	606	499	459	690	887
PERSONS PER ROOM										
0.50 or less	764	628	718	659	636	644	540	500	702	861
0.51 to 0.75	76	143	175	117	113	88	65	150	136	165
0.76 to 1.00	48	87	40	63	70	80	32	62	53	121
1.01 to 1.50	—	23	—	13	—	6	—	—	9	22
1.51 or more	—	—	—	—	—	—	—	6	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	882	875	933	850	813	794	637	718	883	1 142
1.01 or more	—	23	—	13	—	6	—	6	9	22
Lacking complete plumbing facilities	6	6	—	2	6	24	—	—	17	27
1.01 or more	—	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	49	70	107	130	90	99	41	106	97	170
Renter occupied	15	25	45	49	7	28	34	36	44	39
Built 1939 or earlier	44	48	65	91	44	60	19	83	88	110
Lacking complete plumbing facilities	—	—	—	—	—	—	—	—	5	20
No vehicle available	—	2	7	2	—	3	—	—	5	6
No telephone in unit	—	—	—	7	6	4	2	6	13	13
1.01 or more persons per room	—	9	—	11	—	—	—	—	—	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	32 188	30 859	25 293	22 808	26 580	24 767	29 732	25 302	29 430	28 027
Owner occupied (dollars)	33 661	32 375	24 063	23 684	26 134	24 155	32 228	27 260	30 156	27 964
Renter occupied (dollars)	30 250	26 687	28 444	21 607	30 435	25 506	26 875	19 397	25 147	30 000

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Jasper County	Jefferson County	Johnson County	Jones County	Keokuk County	Kossuth County	Lee County	Linn County	Louisa County	Lucas County
Occupied housing units	1 452	660	1 378	1 183	976	1 477	816	1 263	668	551
POPULATION										
All persons	3 949	1 895	4 049	3 659	2 489	4 241	2 513	3 511	1 815	1 368
Persons in occupied housing units	3 949	1 895	4 049	3 659	2 489	4 241	2 513	3 511	1 815	1 368
Per occupied housing unit	2.72	2.87	2.94	3.09	2.55	2.87	3.08	2.78	2.72	2.48
Owner-occupied housing units	2 777	1 521	2 827	2 465	1 841	2 851	2 097	2 912	1 276	1 137
Per owner-occupied housing unit	2.53	2.96	2.66	2.83	2.46	2.63	2.92	2.79	2.64	2.40
Renter-occupied housing units	1 172	374	1 222	1 194	648	1 390	416	599	539	231
Per renter-occupied housing unit	3.31	2.54	3.89	3.81	2.85	3.52	4.20	2.72	2.91	3.00
TENURE										
Owner-occupied housing units	1 098	513	1 064	870	749	1 082	717	1 043	483	474
Renter-occupied housing units	354	147	314	313	227	395	99	220	185	77
AGE OF HOUSEHOLDER										
Under 25 years	26	17	44	14	8	27	5	16	16	9
25 to 34 years	143	89	168	189	176	225	79	120	111	57
35 to 44 years	263	139	254	273	163	284	188	209	90	94
45 to 54 years	279	119	253	229	161	250	163	241	121	87
55 to 64 years	323	133	310	242	186	346	171	310	118	121
65 to 74 years	242	85	236	156	141	207	140	230	84	112
75 years and over	176	78	113	80	141	138	70	137	128	71
YEAR STRUCTURE BUILT										
1989 to March 1990	—	6	14	—	—	—	—	6	—	7
1980 to 1988	61	38	65	31	37	51	43	54	26	14
1960 to 1979	313	196	336	261	200	251	242	275	95	155
1940 to 1959	238	54	126	151	143	208	182	231	87	66
1939 or earlier	840	366	837	740	596	967	349	697	460	309
KITCHEN FACILITIES										
Complete kitchen facilities	1 452	655	1 348	1 168	961	1 469	811	1 255	663	543
Lacking complete kitchen facilities	—	5	30	15	15	8	5	8	5	8
SOURCE OF WATER										
Public system or private company	850	186	9	21	92	33	206	22	29	368
Individual drilled well	444	305	1 356	1 110	666	1 377	435	1 186	555	68
Individual dug well	133	152	13	46	218	67	135	38	65	101
Some other source	25	17	—	6	—	—	40	17	19	14
SEWAGE DISPOSAL										
Public sewer	24	17	18	12	19	11	11	19	21	7
Septic tank or cesspool	1 399	614	1 345	1 159	904	1 448	775	1 222	618	467
Other means	29	29	15	12	53	18	30	22	29	77
HOUSE HEATING FUEL										
Utility gas	59	19	103	24	34	61	51	93	31	—
Bottled, tank, or LP gas	853	350	861	645	526	708	343	585	459	313
Electricity	116	128	77	55	114	114	182	111	60	54
Fuel oil, kerosene, etc.	315	57	163	297	202	548	52	301	60	80
All other fuels	109	106	174	162	100	46	188	173	58	104
No fuel used	—	—	—	—	—	—	—	—	—	—
BEDROOMS										
None	—	—	—	—	13	—	—	—	—	—
1	24	6	18	18	13	29	15	20	30	—
2	206	75	135	78	156	154	157	138	93	121
3	719	331	558	498	479	639	391	605	254	216
4	404	218	407	448	235	551	208	385	210	194
5 or more	99	30	260	141	80	104	45	115	81	20
VEHICLES AVAILABLE										
None	8	10	96	10	26	18	7	16	13	—
1	152	76	158	119	125	152	102	141	74	82
2	714	247	501	493	433	691	313	506	296	212
3 or more	578	327	623	561	392	616	394	600	285	257
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	52	18	88	36	42	31	11	67	13	30
1985 to 1988	183	89	144	114	77	149	84	162	97	56
1980 to 1984	122	91	157	144	99	172	95	113	60	67
1979 or earlier	1 095	462	989	889	758	1 125	626	921	498	398
PERSONS PER ROOM										
0.50 or less	1 190	488	1 076	925	763	1 155	576	1 003	535	426
0.51 to 0.75	126	119	196	148	107	236	134	183	106	92
0.76 to 1.00	115	43	82	102	92	74	82	70	12	33
1.01 to 1.50	14	10	19	2	14	12	24	7	15	—
1.51 or more	7	—	5	6	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 432	649	1 365	1 170	966	1 469	805	1 255	663	537
1.01 or more	21	10	24	8	14	12	24	7	15	—
Lacking complete plumbing facilities	20	11	13	13	10	8	11	8	5	14
1.01 or more	—	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	99	39	101	153	104	173	80	85	56	71
Renter occupied	62	8	50	61	60	59	13	46	22	10
Built 1939 or earlier	43	22	70	94	57	107	34	44	46	52
Lacking complete plumbing facilities	—	—	—	8	—	—	—	—	—	—
No vehicle available	2	—	23	1	—	6	—	—	5	—
No telephone in unit	—	4	18	—	13	—	—	3	3	6
1.01 or more persons per room	—	—	—	2	6	—	11	—	—	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	28 494	29 141	33 207	26 028	26 643	26 616	29 394	33 062	24 730	21 989
Owner occupied (dollars)	28 241	29 792	36 705	29 744	26 528	30 169	30 469	35 108	24 408	22 277
Renter occupied (dollars)	29 063	28 304	25 333	19 750	27 031	23 472	22 961	24 464	25 057	20 375

DETAILED HOUSING CHARACTERISTICS

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Lyon County	Madison County	Mahaska County	Marion County	Marshall County	Mills County	Mitchell County	Monona County	Monroe County	Montgomery County
Occupied housing units	1 022	823	1 160	888	1 015	541	856	734	485	592
POPULATION										
All persons	3 291	2 055	3 351	2 533	2 459	1 355	2 598	1 883	1 429	1 568
Persons in occupied housing units	3 291	2 055	3 351	2 533	2 459	1 355	2 598	1 883	1 429	1 568
Per occupied housing unit	3.22	2.50	2.89	2.85	2.42	2.50	3.04	2.57	2.95	2.65
Owner-occupied housing units	2 349	1 662	2 235	1 891	1 709	1 115	2 036	1 275	1 261	898
Per owner-occupied housing unit	3.15	2.37	2.60	2.59	2.33	2.49	2.91	2.30	2.97	2.19
Renter-occupied housing units	942	393	1 116	642	750	240	562	608	168	670
Per renter-occupied housing unit	3.40	3.22	3.73	4.06	2.66	2.55	3.58	3.40	2.75	3.68
TENURE										
Owner-occupied housing units	745	701	861	730	733	447	699	555	424	410
Renter-occupied housing units	277	122	299	158	282	94	157	179	61	182
AGE OF HOUSEHOLDER										
Under 25 years	32	13	32	11	19	—	12	12	6	10
25 to 34 years	237	75	201	70	149	50	139	102	74	88
35 to 44 years	228	163	222	169	128	89	185	109	71	120
45 to 54 years	129	186	185	207	153	101	157	165	64	89
55 to 64 years	215	160	248	195	228	104	193	99	115	138
65 to 74 years	111	147	192	175	187	96	107	161	115	80
75 years and over	70	79	80	61	151	101	63	86	40	67
YEAR STRUCTURE BUILT										
1989 to March 1990	9	—	—	5	—	—	7	—	—	—
1980 to 1988	30	53	69	50	38	23	70	8	18	4
1960 to 1979	153	124	245	233	186	158	140	114	174	88
1940 to 1959	196	98	183	93	167	98	149	157	70	82
1939 or earlier	634	548	663	507	624	262	490	455	223	418
KITCHEN FACILITIES										
Complete kitchen facilities	1 022	816	1 160	870	1 013	539	831	722	480	592
Lacking complete kitchen facilities	—	7	—	18	2	2	25	12	5	—
SOURCE OF WATER										
Public system or private company	559	33	615	567	505	4	5	28	431	71
Individual drilled well	217	431	383	173	417	387	819	629	6	322
Individual dug well	241	331	146	141	84	150	32	77	48	182
Some other source	5	28	16	7	9	—	—	—	—	17
SEWAGE DISPOSAL										
Public sewer	57	11	15	4	19	2	5	14	17	17
Septic tank or cesspool	952	794	1 118	852	996	525	813	691	463	569
Other means	13	18	27	32	—	14	38	29	5	6
HOUSE HEATING FUEL										
Utility gas	34	38	53	41	22	43	2	40	21	45
Bottled, tank, or LP gas	507	522	743	558	600	321	510	303	234	432
Electricity	76	92	72	56	61	59	45	46	75	85
Fuel oil, kerosene, etc.	362	61	173	131	294	83	221	224	16	22
All other fuels	43	110	119	102	38	35	78	121	139	8
No fuel used	—	—	—	—	—	—	—	—	—	—
BEDROOMS										
None	—	—	7	—	—	—	—	—	—	—
1	—	7	14	15	7	8	13	4	—	1
2	118	163	158	136	117	118	62	91	101	91
3	406	340	572	419	455	277	340	394	246	258
4	405	245	313	281	336	106	335	160	120	195
5 or more	93	68	96	37	100	32	106	85	18	47
VEHICLES AVAILABLE										
None	7	23	—	5	26	2	25	—	13	—
1	144	111	159	77	108	69	68	103	49	77
2	493	264	483	422	344	186	375	288	196	269
3 or more	378	425	518	384	537	284	388	343	227	246
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	44	36	34	60	56	36	63	28	33	41
1985 to 1988	133	149	150	52	116	31	135	95	56	89
1980 to 1984	170	73	213	102	86	72	103	60	64	71
1979 or earlier	675	565	763	674	757	402	555	551	332	391
PERSONS PER ROOM										
0.50 or less	703	674	829	674	883	399	650	585	328	464
0.51 to 0.75	204	120	227	160	108	102	105	116	95	116
0.76 to 1.00	91	29	97	54	17	38	80	33	57	12
1.01 to 1.50	17	—	—	—	7	2	19	—	5	—
1.51 or more	7	—	7	—	—	—	2	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 017	799	1 153	842	1 006	532	831	728	474	592
1.01 or more	24	—	—	—	7	2	8	—	5	—
Lacking complete plumbing facilities	5	24	7	46	9	9	25	6	11	—
1.01 or more	—	—	7	—	—	—	13	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	136	42	99	68	52	47	77	92	54	88
Renter occupied	40	11	24	7	12	—	6	23	—	12
Built 1939 or earlier	89	28	32	37	12	15	35	63	34	58
Lacking complete plumbing facilities	—	12	7	5	—	—	9	6	—	—
No vehicle available	—	8	—	—	10	—	9	—	5	—
No telephone in unit	—	3	—	—	—	—	9	—	5	5
1.01 or more persons per room	12	—	7	—	—	—	9	—	—	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	25 977	30 938	27 986	30 200	29 968	34 315	31 118	24 868	27 471	28 646
Owner occupied (dollars)	27 091	31 051	27 482	29 000	30 449	33 242	31 107	25 074	28 152	29 318
Renter occupied (dollars)	21 941	29 286	33 036	35 000	28 929	39 688	31 250	24 485	26 417	28 077

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Muscatine County	O'Brien County	Osceola County	Page County	Palo Alto County	Plymouth County	Pocahontas County	Polk County	Pottawattamie County	Poweshiek County
Occupied housing units	906	960	658	794	780	1 516	832	800	1 334	990
POPULATION										
All persons	2 369	3 000	1 847	2 095	2 234	4 714	2 418	2 088	3 510	2 557
Persons in occupied housing units	2 369	3 000	1 847	2 095	2 234	4 714	2 418	2 088	3 510	2 557
Per occupied housing unit	2.61	3.13	2.81	2.64	2.86	3.11	2.91	2.61	2.63	2.58
Owner-occupied housing units	1 739	2 176	1 280	1 577	1 461	3 651	1 447	1 727	2 314	1 736
Per owner-occupied housing unit	2.40	3.09	2.74	2.46	2.75	3.17	2.61	2.42	2.36	2.35
Renter-occupied housing units	630	824	567	518	773	1 063	971	361	1 196	821
Per renter-occupied housing unit	3.46	3.23	2.97	3.36	3.12	2.93	3.51	4.25	3.40	3.28
TENURE										
Owner-occupied housing units	724	705	467	640	532	1 153	555	715	982	740
Renter-occupied housing units	182	255	191	154	248	363	277	85	352	250
AGE OF HOUSEHOLDER										
Under 25 years	8	44	9	—	13	42	6	17	24	36
25 to 34 years	87	164	124	85	92	261	153	91	171	93
35 to 44 years	158	204	110	159	170	296	152	81	168	184
45 to 54 years	143	143	108	147	150	271	174	207	231	229
55 to 64 years	219	186	146	182	184	377	154	145	325	158
65 to 74 years	169	152	103	139	94	159	120	148	229	181
75 years and over	122	67	58	82	77	110	73	111	186	109
YEAR STRUCTURE BUILT										
1989 to March 1990	—	7	2	—	—	—	11	1	5	—
1980 to 1988	37	17	39	31	22	68	49	37	62	28
1960 to 1979	181	140	92	158	116	287	82	264	275	268
1940 to 1959	120	125	118	125	159	296	111	90	144	171
1939 or earlier	568	671	407	480	483	865	579	408	848	523
KITCHEN FACILITIES										
Complete kitchen facilities	900	954	641	788	763	1 506	824	798	1 334	970
Lacking complete kitchen facilities	6	6	17	6	17	10	8	2	—	20
SOURCE OF WATER										
Public system or private company	5	550	311	456	56	326	61	289	53	547
Individual drilled well	796	126	92	239	631	791	611	437	989	292
Individual dug well	99	263	224	81	90	399	154	63	276	140
Some other source	6	21	31	18	3	—	6	11	16	11
SEWAGE DISPOSAL										
Public sewer	6	40	9	23	30	29	37	6	25	15
Septic tank or cesspool	894	912	636	732	738	1 444	770	757	1 285	947
Other means	6	8	13	39	12	43	25	37	24	28
HOUSE HEATING FUEL										
Utility gas	65	86	4	20	45	65	59	80	70	15
Bottled, tank, or LP gas	589	543	384	420	496	888	470	515	799	495
Electricity	114	191	92	77	63	192	55	31	133	146
Fuel oil, kerosene, etc.	101	119	172	173	145	333	211	104	241	279
All other fuels	37	21	6	101	31	38	37	70	86	55
No fuel used	—	—	—	3	—	—	—	—	5	—
BEDROOMS										
None	—	—	—	—	—	—	—	—	—	—
1	18	—	17	7	9	15	8	17	10	—
2	91	74	15	115	72	150	64	129	186	90
3	425	378	310	368	334	632	377	349	627	526
4	263	336	247	235	265	520	253	260	383	286
5 or more	109	172	69	69	100	199	130	45	128	88
VEHICLES AVAILABLE										
None	10	6	3	9	12	4	13	—	29	12
1	190	71	73	80	76	141	90	94	185	137
2	294	505	298	332	397	749	307	380	523	345
3 or more	412	378	284	373	295	622	422	326	597	496
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	18	43	15	9	63	51	48	24	54	22
1985 to 1988	85	138	80	94	73	213	86	23	146	157
1980 to 1984	135	158	111	124	119	252	93	109	116	56
1979 or earlier	668	621	452	567	525	1 000	605	644	1 018	755
PERSONS PER ROOM										
0.50 or less	766	734	499	607	590	1 078	638	647	1 052	799
0.51 to 0.75	115	145	109	125	144	292	134	119	190	137
0.76 to 1.00	25	75	43	59	40	131	54	27	86	49
1.01 to 1.50	—	6	7	3	6	15	6	7	6	5
1.51 or more	—	—	—	—	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	893	948	652	788	765	1 516	821	790	1 334	974
1.01 or more	—	6	7	3	6	15	6	7	6	5
Lacking complete plumbing facilities	13	12	6	6	15	—	11	10	—	16
1.01 or more	—	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	121	142	46	48	119	164	80	23	120	110
Renter occupied	38	69	27	11	34	38	41	4	50	48
Built 1939 or earlier	93	90	35	24	66	108	51	23	75	38
Lacking complete plumbing facilities	—	12	—	—	10	—	5	—	—	—
No vehicle available	—	—	—	—	6	—	—	—	—	3
No telephone in unit	—	6	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	5	6	—	—	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	30 781	25 297	29 917	27 308	26 339	30 309	29 185	37 627	28 662	30 637
Owner occupied (dollars)	26 810	26 220	32 639	25 323	25 238	33 032	29 967	37 664	29 559	31 220
Renter occupied (dollars)	37 250	22 448	23 207	31 207	28 500	25 038	26 793	37 560	26 600	28 056

DETAILED HOUSING CHARACTERISTICS

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Ringgold County	Sac County	Scott County	Shelby County	Sioux County	Story County	Tama County	Taylor County	Union County	Van Buren County
Occupied housing units	573	959	701	1 079	1 649	892	1 211	645	553	607
POPULATION										
All persons	1 540	2 683	1 943	3 156	5 522	2 333	3 392	1 807	1 524	1 694
Persons in occupied housing units	1 540	2 683	1 943	3 156	5 522	2 333	3 392	1 807	1 524	1 694
Per occupied housing unit	2.69	2.80	2.77	2.92	3.35	2.62	2.80	2.80	2.76	2.79
Owner-occupied housing units	1 066	1 667	1 489	2 266	4 101	1 710	2 463	1 472	1 226	1 430
Per owner-occupied housing unit	2.37	2.68	2.64	2.93	3.18	2.54	2.65	2.84	2.63	2.86
Renter-occupied housing units	474	1 016	454	890	1 421	623	929	335	298	264
Per renter-occupied housing unit	3.82	3.01	3.31	2.92	3.96	2.83	3.31	2.66	3.43	2.47
TENURE										
Owner-occupied housing units	449	622	564	774	1 290	672	930	519	466	500
Renter-occupied housing units	124	337	137	305	359	220	281	126	87	107
AGE OF HOUSEHOLDER										
Under 25 years	17	45	11	9	26	16	27	9	2	6
25 to 34 years	59	187	79	239	318	124	181	89	71	97
35 to 44 years	93	214	122	187	416	144	224	139	65	125
45 to 54 years	143	103	162	123	375	112	249	93	116	98
55 to 64 years	82	180	155	231	301	167	236	115	124	116
65 to 74 years	111	151	123	206	174	233	145	137	105	86
75 years and over	68	79	49	84	39	96	149	63	70	79
YEAR STRUCTURE BUILT										
1989 to March 1990	—	—	—	—	10	—	—	1	6	7
1980 to 1988	25	19	29	46	78	51	78	29	10	48
1960 to 1979	76	181	134	151	269	140	185	111	98	122
1940 to 1959	94	154	115	194	231	136	181	110	91	97
1939 or earlier	378	605	423	688	1 061	565	767	394	348	333
KITCHEN FACILITIES										
Complete kitchen facilities	572	959	701	1 079	1 644	886	1 203	638	550	590
Lacking complete kitchen facilities	1	—	—	—	5	6	8	7	3	17
SOURCE OF WATER										
Public system or private company	183	72	25	187	1 148	131	208	75	136	395
Individual drilled well	189	491	657	547	258	718	853	360	213	69
Individual dug well	186	381	16	345	237	35	146	191	172	125
Some other source	15	15	3	—	6	8	4	19	32	18
SEWAGE DISPOSAL										
Public sewer	18	37	22	38	19	20	23	10	—	35
Septic tank or cesspool	508	879	670	999	1 591	853	1 162	613	550	544
Other means	47	43	9	42	39	19	26	22	3	28
HOUSE HEATING FUEL										
Utility gas	16	28	47	59	51	54	29	17	19	12
Bottled, tank, or LP gas	294	519	496	458	826	628	590	311	344	297
Electricity	57	92	45	200	331	44	62	98	61	87
Fuel oil, kerosene, etc.	145	299	74	318	388	143	348	98	35	58
All other fuels	61	21	39	44	53	23	182	121	94	153
No fuel used	—	—	—	—	—	—	—	—	—	—
BEDROOMS										
None	—	—	3	—	—	—	—	—	—	—
1	13	9	—	8	3	6	31	6	8	13
2	84	102	53	77	97	79	143	90	73	66
3	315	325	323	462	646	493	587	257	298	317
4	124	343	203	419	684	271	331	230	133	170
5 or more	37	180	119	113	219	43	119	62	41	41
VEHICLES AVAILABLE										
None	8	17	4	3	8	11	11	3	3	34
1	62	118	98	111	80	121	130	102	71	70
2	263	450	291	564	902	400	534	260	276	259
3 or more	240	374	308	401	659	360	536	280	203	244
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	29	99	27	54	84	35	36	26	16	32
1985 to 1988	68	173	44	128	205	109	173	143	83	145
1980 to 1984	65	101	111	147	221	97	156	79	63	65
1979 or earlier	411	586	519	750	1 139	651	846	397	391	365
PERSONS PER ROOM										
0.50 or less	463	755	540	818	1 033	730	928	475	444	436
0.51 to 0.75	80	160	73	225	438	120	151	141	81	140
0.76 to 1.00	28	36	76	36	155	36	132	29	28	28
1.01 to 1.50	2	8	9	—	23	6	—	—	—	3
1.51 or more	—	—	3	—	—	—	—	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	572	954	701	1 073	1 644	886	1 178	632	545	576
1.01 or more	2	8	12	—	23	6	—	—	—	—
Lacking complete plumbing facilities	1	5	—	6	5	6	33	13	8	31
1.01 or more	—	—	—	—	—	—	—	—	—	3
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	70	74	56	125	158	35	85	108	56	73
Renter occupied	30	24	26	52	57	15	22	31	15	33
Built 1939 or earlier	30	51	28	76	100	12	49	73	48	53
Lacking complete plumbing facilities	—	5	—	—	—	—	12	2	—	20
No vehicle available	—	5	4	—	8	3	2	3	—	19
No telephone in unit	3	—	2	2	—	—	4	5	—	20
1.01 or more persons per room	2	5	9	—	—	—	—	—	—	3
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	25 945	27 215	30 841	24 982	29 120	31 336	30 768	21 312	22 750	24 940
Owner occupied (dollars)	27 660	30 000	33 145	26 480	30 395	33 684	32 419	22 679	23 214	26 667
Renter occupied (dollars)	20 833	25 399	21 250	22 621	25 995	26 538	27 768	18 500	21 989	18 187

Table 99. **Occupancy and Social Characteristics of Rural Farm Housing Units: 1990—Con.**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	Wapello County	Warren County	Washington County	Wayne County	Webster County	Winnebago County	Winneshiek County	Woodbury County	Worth County	Wright County
Occupied housing units	728	1 054	958	599	987	649	1 482	1 106	712	807
POPULATION										
All persons	1 860	2 823	2 897	1 560	2 307	1 702	4 674	2 930	1 897	2 127
Persons in occupied housing units	1 860	2 823	2 897	1 560	2 307	1 702	4 674	2 930	1 897	2 127
Per occupied housing unit	2.55	2.68	3.02	2.60	2.34	2.62	3.15	2.65	2.66	2.64
Owner-occupied housing units	1 548	2 069	2 187	1 256	1 582	1 202	3 490	1 979	1 605	1 285
Per owner-occupied housing unit	2.37	2.37	2.93	2.62	2.11	2.42	3.06	2.29	2.72	2.21
Renter-occupied housing units	312	754	710	304	725	500	1 184	951	292	842
Per renter-occupied housing unit	4.22	4.17	3.36	2.55	3.07	3.29	3.48	3.91	2.41	3.73
TENURE										
Owner-occupied housing units	654	873	747	480	751	497	1 142	863	591	581
Renter-occupied housing units	74	181	211	119	236	152	340	243	121	226
AGE OF HOUSEHOLDER										
Under 25 years	2	12	26	8	—	19	30	9	7	10
25 to 34 years	57	106	148	97	141	76	277	106	127	97
35 to 44 years	155	139	226	75	108	171	274	224	101	171
45 to 54 years	156	283	173	108	111	71	313	205	161	125
55 to 64 years	161	284	156	143	311	89	282	264	125	166
65 to 74 years	96	132	121	101	174	161	237	197	132	140
75 years and over	101	98	108	67	142	62	69	101	59	98
YEAR STRUCTURE BUILT										
1989 to March 1990	8	4	6	—	5	4	12	—	—	—
1980 to 1988	22	84	21	32	26	19	37	57	18	26
1960 to 1979	208	282	159	149	216	80	255	210	146	160
1940 to 1959	120	165	107	74	223	118	198	126	82	182
1939 or earlier	370	519	665	344	517	428	980	713	466	439
KITCHEN FACILITIES										
Complete kitchen facilities	728	1 047	958	593	987	649	1 475	1 093	712	800
Lacking complete kitchen facilities	—	7	—	6	—	—	7	13	—	7
SOURCE OF WATER										
Public system or private company	403	187	33	442	48	23	49	33	27	14
Individual drilled well	188	450	772	70	646	577	1 359	773	654	713
Individual dug well	95	398	153	59	282	49	41	287	31	72
Some other source	42	19	—	28	11	—	33	13	—	8
SEWAGE DISPOSAL										
Public sewer	2	15	2	31	30	30	28	13	23	20
Septic tank or cesspool	710	993	927	522	937	612	1 408	1 046	669	758
Other means	16	46	29	46	20	7	46	47	20	29
HOUSE HEATING FUEL										
Utility gas	27	32	45	23	147	30	46	59	89	68
Bottled, tank, or LP gas	435	727	545	395	749	332	715	587	489	473
Electricity	66	54	112	92	12	81	132	115	24	57
Fuel oil, kerosene, etc.	64	96	97	16	42	171	330	249	61	175
All other fuels	136	145	159	73	37	28	259	91	49	34
No fuel used	—	—	—	—	—	7	—	5	—	—
BEDROOMS										
None	—	—	—	—	—	—	—	—	—	—
1	—	13	12	—	14	2	28	20	9	11
2	109	179	84	144	148	73	104	161	63	26
3	423	495	420	273	561	320	545	512	318	421
4	165	272	354	138	222	205	531	338	267	255
5 or more	31	95	88	44	42	49	274	75	55	94
VEHICLES AVAILABLE										
None	7	—	49	9	8	—	3	10	—	—
1	109	118	117	79	138	98	227	160	80	63
2	251	333	371	270	410	316	599	482	366	487
3 or more	361	603	421	241	431	235	653	454	266	257
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	21	31	43	44	30	21	94	46	47	38
1985 to 1988	70	131	148	66	120	88	165	93	91	89
1980 to 1984	67	108	122	92	87	72	184	109	99	90
1979 or earlier	570	784	645	397	750	468	1 039	858	475	590
PERSONS PER ROOM										
0.50 or less	561	811	696	488	782	492	1 020	801	566	623
0.51 to 0.75	97	178	188	60	170	113	278	192	92	143
0.76 to 1.00	68	58	67	46	29	44	170	106	54	41
1.01 to 1.50	2	—	7	5	6	—	8	7	—	—
1.51 or more	—	7	—	—	—	—	6	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	728	1 052	938	593	987	639	1 475	1 075	707	789
1.01 or more	2	7	7	5	6	—	14	7	—	—
Lacking complete plumbing facilities	—	2	20	6	—	10	7	31	5	18
1.01 or more	—	—	—	—	—	—	—	—	—	—
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	74	85	79	78	94	84	259	102	71	37
Renter occupied	17	11	15	34	22	34	70	25	10	24
Built 1939 or earlier	35	34	67	55	63	55	185	79	30	5
Lacking complete plumbing facilities	—	—	13	—	—	—	7	9	5	—
No vehicle available	—	—	15	—	—	—	3	6	—	—
No telephone in unit	5	—	15	2	6	—	8	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	6	—	—	—
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	26 600	32 162	29 649	23 090	27 044	25 417	24 914	27 183	27 759	31 218
Owner occupied (dollars)	26 628	31 595	29 441	24 200	28 594	26 654	26 000	28 711	28 147	32 788
Renter occupied (dollars)	26 429	33 646	30 057	17 679	24 375	23 000	18 611	25 144	24 063	28 167

DETAILED HOUSING CHARACTERISTICS

Table 100. **Structural, Social, and Financial Characteristics for American Indian and Alaska Native Areas: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

American Indian Area	AMERICAN INDIAN RESERVATION AND TRUST LAND		
	All areas	Omaha Reservation, IA-NE (pt.)	Sac and Fox (Iowa) Reservation, IA
Occupied housing units	138	—	138
TENURE			
Owner-occupied housing units	105	—	105
Renter-occupied housing units	33	—	33
YEAR STRUCTURE BUILT			
1989 to March 1990	—	—	—
1980 to 1988	26	—	26
1960 to 1979	80	—	80
1940 to 1959	12	—	12
1939 or earlier	20	—	20
HOUSE HEATING FUEL			
Utility gas	—	—	—
Bottled, tank, or LP gas	121	—	121
Electricity	4	—	4
Fuel oil, kerosene, etc.	7	—	7
All other fuels	6	—	6
No fuel used	—	—	—
VEHICLES AVAILABLE			
None	19	—	19
1	52	—	52
2	48	—	48
3 or more	19	—	19
YEAR HOUSEHOLDER MOVED INTO UNIT			
1989 to March 1990	13	—	13
1985 to 1988	34	—	34
1980 to 1984	15	—	15
1970 to 1979	42	—	42
1969 or earlier	34	—	34
PLUMBING FACILITIES BY PERSONS PER ROOM			
Complete plumbing facilities	116	—	116
1.01 or more	37	—	37
Lacking complete plumbing facilities	22	—	22
1.01 or more	6	—	6
SELECTED FACILITIES			
Water from public system or private company	114	—	114
Public sewer	76	—	76
Lacking complete kitchen facilities	21	—	21
HOUSEHOLDS BELOW POVERTY LEVEL			
Occupied housing units	32	—	32
Renter occupied	20	—	20
Built 1939 or earlier	4	—	4
Lacking complete plumbing facilities	5	—	5
No vehicle available	13	—	13
No telephone in unit	21	—	21
1.01 or more persons per room	9	—	9
MEDIAN HOUSEHOLD INCOME IN 1989			
Occupied housing units (dollars)	21 125	—	21 125
Owner occupied (dollars)	23 125	—	23 125
Renter occupied (dollars)	6 975	—	6 975
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	65	—	65
With a mortgage	—	—	—
Less than \$200	—	—	—
\$200 to \$299	—	—	—
\$300 to \$399	—	—	—
\$400 to \$499	—	—	—
\$500 to \$599	—	—	—
\$600 to \$699	—	—	—
\$700 to \$999	—	—	—
\$1,000 to \$1,999	—	—	—
\$2,000 or more	—	—	—
Median (dollars)	65	—	65
Not mortgaged	65	—	65
Median (dollars)	117	—	117
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989			
Specified owner-occupied housing units	65	—	65
With a mortgage	—	—	—
Median	—	—	—
Not mortgaged	65	—	65
Median	10.0-	—	10.0-
GROSS RENT			
Specified renter-occupied housing units	31	—	31
Less than \$100	6	—	6
\$100 to \$199	13	—	13
\$200 to \$299	1	—	1
\$300 to \$399	—	—	—
\$400 to \$499	—	—	—
\$500 to \$599	—	—	—
\$600 to \$749	—	—	—
\$750 to \$999	—	—	—
\$1,000 or more	—	—	—
No cash rent	11	—	11
Median (dollars)	177	—	177
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989			
Specified renter-occupied housing units	31	—	31
Less than 20 percent	7	—	7
20 to 24 percent	2	—	2
25 to 29 percent	4	—	4
30 to 34 percent	2	—	2
35 percent or more	5	—	5
Not computed	11	—	11
Median	26.3	—	26.3

Table 101. Allocation of Housing Characteristics: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	All housing units			Percent distribution		
	Total	Not allocated	Allocated	Total	Not allocated	Allocated
YEAR STRUCTURE BUILT						
All housing units.....	1 143 669	840 072	303 597	100.0	100.0	100.0
1989 to March 1990.....	11 882	9 588	2 294	1.0	1.1	.8
1985 to 1988.....	36 834	28 784	8 050	3.2	3.4	2.7
1980 to 1984.....	66 202	49 169	17 033	5.8	5.9	5.6
1970 to 1979.....	230 514	173 213	57 301	20.2	20.6	18.9
1960 to 1969.....	159 930	122 869	37 061	14.0	14.6	12.2
1950 to 1959.....	147 913	112 877	35 036	12.9	13.4	11.5
1940 to 1949.....	90 460	65 472	24 988	7.9	7.8	8.2
1939 or earlier.....	399 934	278 100	121 834	35.0	33.1	40.1
BEDROOMS						
All housing units.....	1 143 669	1 047 722	95 947	100.0	100.0	100.0
None.....	13 847	7 932	5 915	1.2	.8	6.2
1.....	120 043	105 092	14 951	10.5	10.0	15.6
2.....	340 831	315 579	25 252	29.8	30.1	26.3
3.....	448 791	416 795	31 996	39.2	39.8	33.3
4.....	181 475	167 143	14 332	15.9	16.0	14.9
5 or more.....	38 682	35 181	3 501	3.4	3.4	3.6
PLUMBING FACILITIES						
All housing units.....	1 143 669	1 091 095	52 574	100.0	100.0	100.0
Complete plumbing facilities.....	1 133 898	1 081 911	51 987	99.1	99.2	98.9
Lacking complete plumbing facilities.....	9 771	9 184	587	.9	.8	1.1
SOURCE OF WATER						
All housing units.....	1 143 669	1 088 315	55 354	100.0	100.0	100.0
Public system or private company.....	927 716	888 148	39 568	81.1	81.6	71.5
Individual drilled well.....	174 323	161 687	12 636	15.2	14.9	22.8
Individual dug well.....	35 661	33 080	2 581	3.1	3.0	4.7
Some other source.....	5 969	5 400	569	.5	.5	1.0
SEWAGE DISPOSAL						
All housing units.....	1 143 669	1 086 430	57 239	100.0	100.0	100.0
Public sewer.....	869 056	830 340	38 716	76.0	76.4	67.6
Septic tank or cesspool.....	264 889	246 975	17 914	23.2	22.7	31.3
Other means.....	9 724	9 115	609	.9	.8	1.1
KITCHEN FACILITIES						
All housing units.....	1 143 669	1 090 868	52 801	100.0	100.0	100.0
Complete kitchen facilities.....	1 130 429	1 078 360	52 069	98.8	98.9	98.6
Lacking complete kitchen facilities.....	13 240	12 508	732	1.2	1.1	1.4
CONDOMINIUM HOUSING UNITS						
Occupied housing units.....	1 064 325	1 029 204	35 121	100.0	100.0	100.0
Condominium.....	11 852	11 614	238	1.1	1.1	.7
Not condominium.....	1 052 473	1 017 590	34 883	98.9	98.9	99.3
YEAR HOUSEHOLDER MOVED INTO UNIT						
Occupied housing units.....	1 064 325	1 030 576	33 749	100.0	100.0	100.0
1989 to March 1990.....	193 072	187 477	5 595	18.1	18.2	16.6
1985 to 1988.....	261 722	254 097	7 625	24.6	24.7	22.6
1980 to 1984.....	143 516	138 762	4 754	13.5	13.5	14.1
1970 to 1979.....	219 715	212 746	6 969	20.6	20.6	20.6
1960 to 1969.....	117 101	113 082	4 019	11.0	11.0	11.9
1959 or earlier.....	129 199	124 412	4 787	12.1	12.1	14.2
GROSS RENT						
Specified renter-occupied housing units.....	285 743	270 379	15 364	100.0	100.0	100.0
Less than \$100.....	5 012	4 799	213	1.8	1.8	1.4
\$100 to \$199.....	35 489	34 134	1 355	12.4	12.6	8.8
\$200 to \$299.....	66 093	62 377	3 716	23.1	23.1	24.2
\$300 to \$399.....	76 661	72 338	4 323	26.8	26.8	28.1
\$400 to \$499.....	50 734	47 879	2 855	17.8	17.7	18.6
\$500 to \$599.....	22 136	20 996	1 140	7.7	7.8	7.4
\$600 to \$749.....	10 796	10 294	502	3.8	3.8	3.3
\$750 to \$999.....	3 567	3 381	186	1.2	1.3	1.2
\$1,000 or more.....	990	946	44	.3	.3	.3
No cash rent.....	14 265	13 235	1 030	5.0	4.9	6.7

Table 102. Percent of Housing Units Allocated: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Occupied housing units	Percent allocated										Specified owner, se- lected monthly owner costs		Specified renter, gross rent			
		Year structure built	Bedrooms	Plumbing facilities	Source of water	Sewage disposal	Kitchen facilities	Telephone in unit	House heating fuel	Vehicles available	Year house- holder moved into unit	With a mortgage	Not mort- gaged				
		24.2	5.9	2.2	2.5	2.6	2.2	2.3	2.9	2.5	3.2	8.0	11.6				
The State -----	1 064 325																
URBAN AND RURAL AND SIZE OF PLACE																	
Urban -----	657 593	24.3	5.5	1.7	1.7	2.0	1.7	1.7	2.3	2.0	2.6	7.3	11.0	5.0			
Inside urbanized area -----	366 900	22.8	5.8	1.8	1.8	2.2	1.8	1.9	2.5	2.1	2.7	7.0	11.1	4.8			
Central place -----	292 931	24.6	6.2	1.9	1.8	2.2	1.8	1.9	2.6	2.2	2.9	7.6	11.6	5.0			
Urban fringe -----	73 969	15.5	4.1	1.5	1.7	2.0	1.5	1.5	2.1	1.7	2.1	5.2	8.6	3.7			
Outside urbanized area -----	290 693	26.2	5.2	1.5	1.6	1.8	1.6	1.6	2.1	1.8	2.5	7.8	10.9	5.3			
Place of 10,000 or more -----	130 346	26.7	5.2	1.2	1.4	1.6	1.3	1.3	1.8	1.4	2.1	7.2	11.0	4.2			
Place of 2,500 to 9,999 -----	160 347	25.7	5.2	1.7	1.9	1.9	1.8	1.8	2.3	2.1	2.8	8.3	10.8	6.3			
Rural -----	406 732	23.9	6.4	3.1	3.6	3.7	3.1	3.2	3.9	3.5	4.1	9.8	12.5	6.9			
Place of 1,000 to 2,499 -----	89 370	24.2	5.3	2.0	2.0	2.3	2.0	2.0	2.5	2.2	3.0	8.3	10.4	6.1			
Place of less than 1,000 -----	96 755	26.3	6.0	2.7	2.9	3.1	2.7	2.7	3.3	3.0	3.8	9.8	11.4	6.2			
Other rural -----	220 607	22.7	7.1	3.7	4.6	4.5	3.7	3.9	4.7	4.2	4.7	10.7	17.2	8.4			
Rural farm -----	90 520	23.8	7.7	4.7	5.9	4.9	5.0	4.5	5.7	5.2	5.3	16.3	33.2	9.4			
INSIDE AND OUTSIDE METROPOLITAN AREA																	
Inside metropolitan area -----	466 392	21.8	5.7	1.9	2.0	2.3	1.9	2.0	2.6	2.2	2.8	7.1	11.0	4.8			
In central city -----	293 065	24.6	6.2	1.9	1.8	2.2	1.8	1.9	2.6	2.2	2.8	7.6	11.6	5.0			
Not in central city -----	173 327	17.0	4.7	1.8	2.2	2.5	1.9	2.0	2.5	2.1	2.7	6.4	9.6	4.3			
Urban -----	99 648	16.6	4.1	1.4	1.6	1.9	1.4	1.5	2.0	1.7	2.1	5.5	8.4	3.7			
Inside urbanized area -----	73 969	15.5	4.1	1.5	1.7	2.0	1.5	1.5	2.1	1.7	2.1	5.2	8.6	3.7			
Outside urbanized area -----	25 679	19.7	4.1	1.2	1.3	1.7	1.2	1.4	1.7	1.5	2.3	6.5	8.1	3.6			
Rural -----	73 679	17.6	5.5	2.4	3.0	3.2	2.5	2.7	3.2	2.7	3.5	8.1	11.0	6.5			
Outside metropolitan area -----	597 933	26.0	6.0	2.5	2.8	2.9	2.5	2.6	3.2	2.8	3.5	9.0	11.9	6.0			
Urban -----	265 014	26.8	5.3	1.5	1.7	1.8	1.6	1.6	2.1	1.8	2.5	7.9	11.0	5.4			
Inside urbanized area -----	265 014	26.8	5.3	1.5	1.7	1.8	1.6	1.6	2.1	1.8	2.5	7.9	11.0	5.4			
Outside urbanized area -----	119 446	27.5	5.4	1.3	1.4	1.7	1.4	1.4	1.9	1.5	2.2	7.4	11.2	4.4			
Place of 10,000 or more -----	145 568	26.2	5.3	1.7	1.9	1.9	1.8	1.7	2.3	2.1	2.7	8.4	10.9	6.4			
Place of 2,500 to 9,999 -----	332 919	25.3	6.6	3.2	3.8	3.8	3.3	3.3	4.0	3.6	4.2	10.4	12.8	6.9			
Rural -----																	
COUNTY																	
Adair County -----	3 419	28.3	7.9	3.9	3.1	4.1	2.3	3.8	4.4	4.3	5.1	9.3	12.3	3.7			
Adams County -----	2 005	35.0	7.5	3.5	5.8	3.7	4.8	3.1	4.3	5.4	3.9	11.9	17.7	7.8			
Allamakee County -----	5 268	25.1	5.8	1.9	2.1	1.9	1.9	1.4	3.4	2.2	2.3	9.5	8.5	5.7			
Appanoose County -----	5 609	34.5	4.1	1.2	2.1	2.2	1.4	2.1	2.3	2.4	2.8	8.5	9.1	4.2			
Audubon County -----	2 936	23.3	5.9	2.9	3.4	2.7	3.0	2.9	3.6	3.0	3.8	12.7	16.1	9.2			
Benton County -----	8 518	29.1	6.0	2.6	3.7	3.0	3.3	2.7	3.3	2.3	3.9	8.5	14.5	5.0			
Black Hawk County -----	46 932	23.1	5.6	2.1	2.2	2.4	2.2	2.1	2.7	2.3	2.8	8.9	14.1	5.1			
Boone County -----	9 827	24.2	4.8	1.7	2.1	1.7	1.8	1.9	2.5	1.9	2.5	5.9	12.0	5.2			
Bremer County -----	8 394	21.9	7.2	3.8	4.5	5.0	4.2	4.7	4.4	4.2	5.4	9.8	10.6	3.0			
Buchanan County -----	7 506	26.7	5.7	2.3	2.2	2.9	2.3	2.4	2.7	2.4	3.5	8.0	10.4	9.0			
Buena Vista County -----	7 515	23.8	6.8	3.1	3.0	2.7	3.0	2.4	3.9	3.7	3.6	7.2	9.0	6.2			
Butler County -----	6 036	25.2	5.7	1.6	2.2	2.4	1.8	2.3	2.4	2.6	3.2	13.7	11.5	7.0			
Calhoun County -----	4 684	25.8	6.5	3.4	3.2	3.4	2.8	2.5	3.7	3.6	3.9	10.5	13.1	5.4			
Carroll County -----	7 964	24.0	6.1	1.2	2.5	2.3	1.6	1.9	1.5	2.0	3.2	5.7	9.9	6.0			
Cass County -----	6 177	27.7	5.9	3.2	2.9	3.1	2.8	2.9	3.7	2.6	4.1	10.9	12.1	10.6			
Cedar County -----	6 684	21.8	5.1	2.8	1.9	2.6	1.9	2.5	3.7	2.3	2.9	7.4	10.5	6.5			
Cerro Gordo County -----	19 061	22.6	5.1	1.2	1.7	1.8	1.4	1.3	1.9	1.3	1.8	8.3	12.6	5.2			
Cherokee County -----	5 514	27.0	6.6	3.1	3.6	3.3	3.5	3.4	4.2	3.3	4.1	10.2	13.7	3.4			
Chickasaw County -----	5 040	28.0	6.8	3.2	3.6	4.3	3.5	4.1	3.5	3.8	5.0	7.7	11.3	7.6			
Clarke County -----	3 343	28.6	4.4	.9	1.6	2.2	.7	1.9	1.9	2.1	2.8	11.0	17.1	7.0			
Clay County -----	7 074	24.6	4.9	1.7	3.0	1.8	2.6	1.7	2.5	2.0	2.4	6.1	7.2	3.2			
Clayton County -----	7 218	26.5	6.1	2.9	3.1	3.1	3.0	2.5	3.9	2.9	3.8	7.5	9.5	5.4			
Clinton County -----	19 757	28.2	5.2	2.6	2.4	2.8	2.3	2.4	3.6	2.7	3.8	10.4	14.2	7.9			
Crawford County -----	6 397	27.4	7.4	5.1	4.5	4.8	4.4	5.3	6.7	5.9	6.4	10.7	13.6	7.4			
Dallas County -----	11 204	23.2	4.7	1.6	1.5	2.2	1.1	2.0	2.2	1.9	2.8	7.9	11.4	6.3			
Davis County -----	3 093	29.2	5.8	2.7	2.7	3.0	1.7	1.9	4.3	3.0	2.4	10.3	13.4	7.5			
Decatur County -----	3 207	32.6	7.4	2.1	2.7	1.8	2.0	1.7	2.9	3.0	2.3	10.6	14.9	6.7			
Delaware County -----	6 389	28.3	5.7	2.7	3.3	3.2	3.2	2.2	3.3	2.7	3.2	9.4	14.4	10.7			
Des Moines County -----	16 874	24.3	4.9	1.3	1.5	2.6	1.4	2.1	2.6	1.9	2.8	11.5	13.1	4.9			
Dickinson County -----	6 160	20.7	7.8	3.3	3.7	4.1	3.2	3.7	3.9	3.4	5.3	5.7	7.5	5.5			
Dubuque County -----	30 799	21.3	5.2	2.1	2.0	2.3	1.8	1.8	2.5	2.1	2.8	6.3	10.1	4.8			
Emmet County -----	4 461	29.5	5.1	1.5	1.4	1.6	1.5	1.6	1.7	2.6	3.1	4.5	11.6	4.4			
Fayette County -----	8 490	29.3	6.7	3.0	3.5	3.2	3.4	2.9	3.5	3.3	3.9	10.5	10.8	7.7			
Floyd County -----	6 721	29.3	4.8	2.2	2.2	2.6	2.0	2.2	2.6	2.9	2.7	11.4	12.1	6.8			
Franklin County -----	4 579	24.9	5.0	1.0	2.1	2.3	1.9	2.1	1.6	1.7	2.9	8.4	14.0	6.2			
Fremont County -----	3 217	30.0	6.3	3.3	4.7	5.5	4.3	5.5	4.6	4.1	6.0	10.8	14.7	4.6			
Greene County -----	4 195	29.7	7.0	3.5	4.1	4.4	3.8	4.6	4.2	4.6	5.2	8.9	16.8	5.3			
Grundy County -----	4 776	23.3	5.3	2.9	2.7	3.2	2.7	2.9	3.2	2.8	3.7	9.5	13.2	4.5			
Guthrie County -----	4 407	30.0	8.2	3.5	4.8	3.7	4.3	3.0	4.0	4.3	4.2	12.5	14.0	6.2			
Hamilton County -----	6 358	25.0	5.4	1.8	2.6	2.7	2.4	2.4	2.1	2.5	2.9	6.5	11.8	6.3			
Hancock County -----	4 867	24.7	4.7	3.2	3.4	3.5	2.9	3.0	4.2	2.6	4.9	7.2	15.2	10.8			
Hardin County -----	7 611	26.6	5.5	1.7	1.8	2.1	1.6	1.6	2.2	2.1	2.9	9.3	11.2	5.3			
Harrison County -----	5 656	29.5	7.3	3.9	3.8	3.9	3.8	3.9	4.7	4.1	4.9	13.9	10.6	6.4			
Henry County -----	7 089	23.0	4.7	2.6	2.3	2.9	2.4	2.5	3.3	2.4	3.1	7.9	13.1	6.0			
Howard County -----	3 856	28.6	4.7	2.5	2.6	2.4	2.7	2.7	3.4	3.0	3.5	8.3	11.0	6.5			

Table 102. Percent of Housing Units Allocated: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Occupied housing units	Percent allocated											Specified owner, se- lected monthly owner costs		Specified renter, gross rent	
		Year structure built	Bedrooms	Plumbing facilities	Source of water	Sewage disposal	Kitchen facilities	Telephone in unit	House heating fuel	Vehicles available	Year house- holder moved into unit	With a mortgage	Not mort- gaged			
COUNTY—Con.																
Jefferson County	6 309	22.9	4.9	1.4	2.7	1.6	1.7	1.4	2.0	2.1	2.1	10.7	14.4	5.5		
Johnson County	36 067	23.0	6.8	1.8	2.2	2.3	1.6	1.8	2.5	1.8	2.3	7.3	9.8	3.3		
Jones County	6 917	24.5	5.1	1.8	2.3	2.1	2.3	2.2	2.7	3.0	8.7	11.1	8.0			
Keokuk County	4 573	26.6	6.4	1.9	3.0	3.3	2.7	2.8	2.4	3.3	4.2	10.8	13.8	8.2		
Kossuth County	7 194	21.9	6.3	2.8	2.6	3.2	2.6	2.6	3.2	3.5	3.3	7.8	10.5	4.7		
Lee County	14 936	25.8	5.1	1.7	2.8	2.5	2.1	2.1	2.5	2.0	2.8	7.5	12.0	5.2		
Linn County	65 501	20.0	5.2	2.1	2.1	2.6	2.1	2.3	2.8	2.3	2.9	6.1	8.8	4.9		
Louisa County	4 296	29.6	7.3	4.6	3.8	3.9	3.6	3.6	5.7	4.6	4.8	11.2	13.4	10.6		
Lucas County	3 766	30.6	5.9	1.7	1.6	2.2	1.0	1.7	2.3	2.3	3.4	8.5	12.1	4.9		
Lyon County	4 289	25.6	7.5	4.3	5.6	5.1	4.6	4.7	4.8	4.5	5.5	10.4	13.6	9.0		
Madison County	4 715	24.6	4.7	2.7	2.7	2.7	2.7	2.7	3.4	2.2	3.5	12.6	6.6	6.4		
Mahaska County	8 306	29.2	6.0	2.3	3.0	2.8	2.6	2.4	2.8	2.9	3.1	8.3	11.7	5.0		
Marion County	10 815	23.4	5.3	1.8	1.7	1.6	1.4	1.2	2.1	2.0	1.9	5.9	11.6	4.9		
Marshall County	14 890	23.5	5.1	1.3	1.7	1.7	1.2	1.3	1.9	1.2	2.2	8.3	8.0	3.5		
Mills County	4 665	24.5	5.3	3.3	3.8	4.8	3.7	4.0	4.7	3.3	5.3	11.1	10.9	4.6		
Mitchell County	4 253	26.8	5.9	3.9	3.4	4.5	3.2	4.2	5.1	3.4	5.2	9.2	11.5	9.6		
Monona County	4 098	29.6	7.1	3.6	3.6	4.1	3.2	3.8	5.1	4.5	4.2	9.5	14.1	7.3		
Monroe County	3 196	29.3	6.3	2.3	3.7	3.3	2.3	3.0	4.5	2.7	4.9	14.5	13.2	5.8		
Montgomery County	4 955	26.4	5.7	1.3	2.1	1.7	2.2	1.6	2.2	2.5	2.6	5.1	10.7	8.6		
Muscatine County	14 806	27.1	5.5	2.5	2.2	2.1	1.9	1.6	2.9	2.1	2.2	9.4	13.2	9.1		
O'Brien County	5 980	25.7	6.9	2.8	3.7	3.2	2.7	2.8	3.8	3.6	3.6	10.7	12.6	4.3		
Osceola County	2 817	26.9	6.7	3.9	8.2	3.5	3.1	2.9	4.8	3.6	3.2	10.1	13.1	4.6		
Page County	6 687	29.4	6.7	2.3	2.8	2.4	2.2	2.1	2.8	3.3	2.9	7.4	12.6	4.0		
Palo Alto County	4 183	31.4	13.9	10.2	8.6	9.4	8.7	9.1	10.3	10.4	9.9	8.2	10.7	5.6		
Plymouth County	8 417	22.6	6.3	1.8	3.2	2.4	2.3	2.0	2.4	2.3	2.8	8.6	12.2	4.6		
Pocahontas County	3 820	25.4	7.3	4.0	4.4	3.6	4.3	3.2	4.7	4.1	4.4	9.3	8.9	5.2		
Polk County	129 237	20.1	5.7	1.2	1.4	1.7	1.3	1.4	2.0	1.7	2.3	6.3	10.1	4.2		
Pottawattamie County	31 262	23.6	6.3	2.3	2.3	2.6	2.2	2.3	2.8	2.9	3.2	7.2	10.1	4.5		
Poweshiek County	7 158	28.1	6.4	1.9	2.0	1.7	1.6	1.5	2.7	2.7	2.6	41.4	39.0	24.9		
Ringgold County	2 218	30.1	7.0	3.3	4.0	4.1	3.6	3.6	4.1	3.7	5.1	14.6	12.5	5.5		
Sac County	4 914	28.8	12.5	9.2	8.9	9.5	8.8	9.3	9.8	9.3	10.2	10.6	12.1	8.6		
Scott County	57 438	22.9	6.0	2.7	2.7	3.0	2.7	2.7	3.6	3.0	3.6	8.6	12.5	7.0		
Shelby County	5 024	28.1	10.8	7.9	8.1	9.1	7.8	8.7	8.3	8.5	9.8	9.1	12.8	7.2		
Sioux County	9 925	18.9	4.9	2.7	2.6	2.9	2.1	2.6	3.4	2.3	3.5	7.0	10.7	5.8		
Story County	25 941	21.7	6.3	1.0	1.3	1.4	1.2	1.1	1.4	1.4	1.6	5.6	10.0	3.6		
Tama County	6 768	27.5	6.9	2.5	3.4	2.9	2.9	2.6	3.5	3.4	3.6	11.3	11.5	4.8		
Taylor County	2 859	33.3	5.6	3.9	3.8	4.1	3.9	3.1	4.4	4.0	3.9	16.8	10.3	4.8		
Union County	5 173	28.4	6.5	1.4	1.7	1.7	1.6	1.5	2.0	1.7	2.0	10.3	13.8	6.6		
Van Buren County	3 056	29.4	8.5	2.4	2.3	2.8	2.1	2.1	2.9	4.5	3.6	18.6	12.5	7.9		
Wapello County	14 555	29.7	5.8	1.6	2.3	1.9	1.8	1.8	2.0	1.8	2.9	8.3	10.0	4.7		
Warren County	12 659	16.9	4.2	1.0	1.8	1.7	1.0	1.4	1.4	1.6	2.2	5.9	11.2	3.9		
Washington County	7 454	22.8	6.6	2.8	2.9	3.3	2.7	2.6	3.4	3.1	3.6	8.1	10.3	5.9		
Wayne County	2 953	34.4	6.4	2.1	2.1	2.3	1.9	1.9	3.0	3.4	2.5	13.6	13.1	6.9		
Webster County	15 963	26.7	5.4	1.6	2.1	2.4	1.9	2.1	2.1	1.9	3.0	5.9	8.6	2.6		
Winnebago County	4 704	22.2	5.2	1.9	1.8	2.5	1.8	2.1	2.2	2.1	3.3	9.2	14.1	8.2		
Winneshiek County	7 256	26.6	8.4	4.7	4.8	5.4	4.8	5.2	5.2	5.1	6.0	9.4	10.3	5.6		
Woodbury County	36 899	26.8	5.2	1.5	1.6	2.2	1.4	1.8	2.4	1.7	2.9	8.0	12.3	5.8		
Worth County	3 239	23.6	5.4	3.1	2.9	3.2	2.7	3.1	3.3	1.9	4.2	9.5	13.7	11.1		
Wright County	5 899	27.7	7.9	4.7	4.9	4.7	4.8	4.6	5.2	5.3	5.4	7.9	12.0	7.3		
PLACE AND COUNTY SUBDIVISION																
Adel city	1 252	24.4	3.5	2.1	1.9	1.5	1.9	1.5	2.1	2.8	2.7	12.2	12.3	10.4		
Albia city	1 596	32.1	5.1	.8	2.4	1.2	1.9	1.5	1.9	1.6	2.5	8.6	12.9	4.9		
Algona city	2 426	22.3	4.1	.7	.2	1.0	.2	.9	1.3	1.2	1.7	3.1	7.5	6.5		
Altoona city	2 510	9.2	3.5	.6	1.6	1.2	1.6	.6	2.2	1.1	1.4	5.1	8.9	3.4		
Ames city	15 608	25.3	7.3	.8	1.0	1.4	.9	.9	1.0	1.1	1.2	4.9	7.9	2.9		
Anamosa city	1 540	21.8	6.6	1.6	2.1	1.8	2.1	2.3	2.0	2.1	2.2	8.0	9.4	4.9		
Ankeny city	6 754	15.1	3.0	.5	.7	1.0	.5	.3	1.1	.3	.7	4.6	4.1	1.5		
Atlantic city	3 127	28.2	4.6	2.2	2.2	1.5	2.0	1.8	2.9	2.3	3.1	11.1	8.2	10.6		
Audubon city	1 076	23.9	4.8	1.4	1.2	1.2	1.2	1.2	1.6	1.3	2.3	8.9	12.0	3.3		
Belle Plaine city	1 200	36.4	8.3	1.1	2.1	1.1	1.5	1.1	2.7	1.5	1.4	4.0	9.4	14.4		
Belmond city	1 079	19.5	6.6	2.4	3.2	3.4	3.1	2.7	2.4	3.1	3.8	6.5	12.5	6.6		
Bettendorf city	10 656	13.8	3.2	1.5	1.7	1.2	1.8	1.3	2.0	1.4	1.7	6.7	10.9	4.9		
Bloomfield city	1 108	29.0	3.4	.5	1.5	2.0	1.0	1.4	2.7	1.0	2.5	9.4	11.2	2.2		
Boone city	5 086	27.8	4.3	1.1	1.1	.9	1.1	.9	1.7	1.2	1.8	6.2	13.5	4.6		
Burlington city	10 986	27.5	5.0	1.1	1.1	2.1	1.3	1.8	2.1	1.5	2.3	12.0	12.9	3.9		
Camanche city	1 693	23.0	3.9	1.2	1.7	2.1	1.7	1.7	2.9	2.1	4.8	13.0	8.6	8.3		
Carlisle city	1 193	15.7	4.4	—	1.1	.4	.6	.4	—	.3	3.1	1.4	17.7	3.8		
Carroll city	3 664	22.8	6.4	.1	.9	.8	.7	.8	.7	1.3	2.4	6.4	7.9	7.5		
Carter Lake city	1 110	13.6	4.9	.3	1.1	.3	1.1	.3	.3	1.5	1.9	4.8	8.5	3.0		
Cedar Falls city	11 689	21.3	3.7	1.6	1.6	1.7	1.5	1.2	1.6	1.8	1.7	9.3	13.4	4.9		
Cedar Rapids city	43 674	20.9	5.4	2.0	1.9	2.3	1.9	2.0	2.6	2.1	2.7	5.8	8.9	5.1		
Centerville city	2 547	37.4	2.2	1.1	1.1	2.0	.5	1.5	2.0	1.4	1.8	8.0	8.3	4.0		
Chariton city	2 023	33.7	3.1	.5	.2	1.4	.2	.5	.7	.8	3.0	7.4	9.7	4.0		
Charles City city	3 303	31.4	4.8	1.2	1.5	1.5	1.5	1.8	1.9	1.5	2.1	8.8	11.7	4.8		
Cherokee city	2 469	29.2	4.8	1.3	2.7	1.4	3.1	1.7	2.0	1.7	2.0	8.7	14.8	2.2		
Clarinda city	1 998	31.9	6.1	1.7	.9	1.7	.9	1.5	1.7	2.1	2.0	5.8	11.2	2.0		
Clarion city	1 171	31.6	8.2	4.5	5.1	5.7	5.6	4.5	5.9	4.5	4.5	6.6	13.1	6.1		
Clear Lake city	3 402	23.7	4.9	.2	1.3	1.3	.6	1.1	1.3	1.3	1.1	8.0	7.6	8.3		
Clinton city	11 667	33.1	5.1	2.4	2.3	2.9	2.2	2.6	3.5	2.9	4.4	10.4	14.6	8.7		
Olive city	2 810	18.8	3.5	1.9	1.5	2.2	1.5	1.8	2.8	2.8	2.8	5.3	—	5.4		

DETAILED HOUSING CHARACTERISTICS

Table 102. Percent of Housing Units Allocated: 1990—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Occupied housing units	Percent allocated											Specified owner, se- lected monthly owner costs		Specified renter, gross rent
		Year structure built	Bedrooms	Plumbing facilities	Source of water	Sewage disposal	Kitchen facilities	Telephone in unit	House heating fuel	Vehicles available	Year house- holder moved into unit	With a mortgage	Not mort- gaged		
PLACE AND COUNTY SUBDIVISION—															
Con.															
Coralville city	4 605	28.8	4.7	2.1	4.3	2.6	1.8	1.8	2.9	1.8	2.0	6.5	9.4	4.2	
Council Bluffs city	21 131	26.8	6.3	2.0	1.8	2.2	1.9	2.1	2.4	2.5	3.1	7.0	10.2	3.5	
Cresco city	1 556	27.1	3.4	.4	.4	.9	.8	1.9	.7	1.0	3.1	7.7	10.8	3.3	
Creston city	3 348	28.8	6.8	.7	.6	1.0	.6	.9	1.4	1.0	1.6	6.5	10.0	4.9	
Davenport city	37 205	26.9	6.9	3.2	3.0	3.5	3.1	3.2	4.2	3.4	4.1	9.5	13.3	7.1	
Decorah city	2 702	26.4	8.0	3.8	4.6	4.4	4.6	4.1	3.8	4.6	4.4	8.7	5.4	5.0	
Denison city	2 570	24.1	6.7	5.8	4.0	4.3	4.0	5.0	7.7	6.4	6.3	6.9	14.9	8.3	
Des Moines city	78 453	24.5	6.8	1.4	1.5	1.9	1.5	1.6	2.2	2.0	2.7	7.7	11.1	4.7	
De Witt city	1 821	17.0	3.9	1.9	1.0	1.5	1.0	1.0	1.9	1.0	1.4	9.1	13.8	—	
Dubuque city	21 437	23.2	5.4	1.8	1.5	1.7	1.5	1.6	2.2	1.8	2.6	5.5	9.9	4.7	
Dyersville city	1 428	20.2	6.4	2.4	1.8	1.4	1.8	1.4	2.7	2.2	1.8	5.1	3.1	4.0	
Eagle Grove city	1 509	28.6	5.3	2.8	2.8	3.1	2.8	3.5	3.0	3.0	4.6	10.6	11.9	11.5	
Eldora city	1 183	28.8	2.1	1.1	2.2	.5	1.7	.5	2.0	1.4	1.5	13.2	3.0	2.8	
Eldridge city	1 147	13.4	3.4	1.2	1.2	2.7	1.2	1.6	1.8	1.9	1.8	5.6	6.1	13.3	
Emmetsburg city	1 590	32.9	12.0	7.0	6.4	7.2	6.9	7.7	7.0	8.7	9.2	3.9	9.1	6.1	
Estherville city	2 683	31.2	3.4	.8	.9	1.1	1.0	1.1	1.2	1.7	2.8	3.6	10.4	3.7	
Evsandale city	1 700	26.5	4.5	.4	1.3	1.5	1.0	.9	1.4	.4	2.8	7.6	17.9	—	
Fairfield city	3 854	23.1	3.8	1.0	1.3	.8	1.4	.8	1.3	1.3	1.6	11.8	15.1	5.7	
Forest City city	1 613	19.8	3.0	1.1	.7	2.2	.7	1.6	1.4	1.5	3.1	7.4	18.5	7.8	
Fort Dodge city	10 502	28.3	5.4	1.1	1.4	1.9	1.2	1.6	1.8	1.5	2.7	3.7	7.8	2.2	
Fort Madison city	4 580	26.0	4.5	1.0	2.1	1.3	1.8	1.0	1.1	.9	2.0	5.8	13.3	4.8	
Garner city	1 151	22.2	2.3	1.7	1.6	2.4	1.2	2.4	2.0	1.2	3.8	4.0	6.4	7.7	
Glenwood city	1 731	23.7	5.4	1.8	2.6	2.4	3.0	1.8	2.5	1.8	2.9	12.2	5.2	5.8	
Grimes city	981	10.0	3.2	.6	1.0	1.7	.6	1.0	.6	.6	1.9	4.0	—	—	
Grinnell city	3 300	26.4	6.2	.7	.4	.5	.6	.5	1.8	1.5	.8	46.6	41.5	23.4	
Hampton city	1 752	25.6	3.2	.4	.9	1.1	.9	1.1	1.2	.9	1.5	5.3	12.0	6.9	
Harlan city	2 109	25.5	7.7	4.3	4.8	4.7	4.8	5.0	4.9	5.1	6.6	9.1	10.5	7.4	
Hiawatha city	2 124	32.9	6.1	3.7	4.0	4.3	4.0	4.0	4.0	4.4	4.0	7.3	11.0	1.1	
Humboldt city	2 894	23.5	6.9	2.3	2.4	2.2	2.8	2.2	2.5	2.9	3.1	2.9	8.5	7.4	
Independence city	1 356	28.7	6.2	2.0	1.5	3.1	1.5	2.2	3.0	2.0	3.6	6.9	8.2	8.7	
Indianola city	4 146	22.1	3.4	.6	.5	1.5	.5	.8	.7	1.0	1.4	7.0	8.9	3.2	
Iowa City city	21 951	25.8	7.9	1.6	1.5	2.1	1.3	1.5	2.4	1.7	1.9	7.3	10.1	2.8	
Iowa Falls city	2 168	24.7	6.5	1.5	1.5	1.8	1.5	.9	1.8	1.0	2.8	9.2	14.5	4.7	
Jefferson city	1 861	25.4	4.8	2.6	2.7	1.9	2.7	1.9	2.8	3.6	2.5	8.1	14.8	5.8	
Johnston city	1 801	7.8	3.6	1.0	1.6	5.9	1.4	1.3	2.1	1.0	1.8	5.0	6.2	1.8	
Keokuk city	5 064	29.7	5.9	2.0	2.0	2.7	1.7	2.4	3.0	2.6	2.7	8.2	10.4	3.9	
Knoxville city	3 201	28.3	4.6	1.4	1.0	1.3	1.1	1.0	1.3	1.3	1.9	6.5	10.1	3.3	
Le Claire city	1 004	21.3	7.2	3.6	3.8	4.1	3.8	3.2	4.8	5.5	3.9	4.2	12.4	10.4	
Le Mars city	3 158	22.9	4.9	1.5	2.5	2.5	2.2	1.6	2.1	1.5	2.5	8.6	7.4	3.4	
Manchester city	1 992	26.8	5.0	2.1	2.5	2.4	2.1	1.6	2.5	2.0	2.1	7.2	14.9	12.1	
Maquoketa city	2 568	22.5	6.6	1.5	1.2	1.4	1.4	1.2	1.9	1.3	2.5	5.6	7.3	3.4	
Marion city	7 772	16.8	4.3	2.4	2.4	2.8	2.4	2.4	3.0	2.7	2.9	5.6	4.9	3.8	
Marshalltown city	9 974	24.5	5.1	.5	.9	1.0	.9	.8	1.0	.7	1.7	8.1	7.9	3.8	
Mason City city	12 027	22.1	4.9	1.1	1.3	1.4	1.1	1.1	1.7	.8	1.6	8.2	13.8	4.1	
Missouri Valley city	1 157	33.5	3.9	1.2	1.6	.6	1.6	1.0	2.1	1.0	1.9	12.1	4.9	3.6	
Monticello city	1 456	25.5	3.4	1.2	.8	.3	1.2	.3	1.6	.3	1.3	8.0	7.2	9.8	
Mount Pleasant city	2 905	25.0	3.0	1.8	1.3	1.9	1.6	1.9	2.5	1.8	2.3	3.4	13.1	4.9	
Mount Vernon city	997	14.2	6.7	1.3	2.1	2.4	2.1	1.7	1.6	3.4	3.5	10.0	8.8	5.9	
Muscataine city	8 756	28.4	5.3	2.0	1.9	1.9	1.7	1.3	2.4	2.0	2.1	8.6	13.7	8.6	
Nevada city	2 440	22.0	3.6	.2	.4	.4	.6	.6	1.0	1.0	.6	8.0	11.4	3.5	
New Hampton city	1 463	24.6	7.2	4.2	4.0	3.8	4.0	3.3	4.2	4.2	4.1	9.8	9.0	8.9	
Newton city	6 226	24.9	4.0	1.2	.8	1.7	1.0	1.4	1.3	.9	2.5	3.9	7.7	5.6	
North Liberty city	1 147	20.9	5.1	2.4	1.7	2.4	1.7	3.8	3.7	3.1	7.3	6.0	17.6	2.6	
Norwalk city	1 858	8.0	3.9	.9	1.1	1.6	1.1	1.2	.9	1.3	1.8	4.1	10.9	4.5	
Oelwein city	2 656	29.9	3.9	1.6	1.0	1.0	1.2	1.0	1.4	1.0	1.5	8.5	12.0	11.9	
Onawa city	1 269	28.8	5.8	1.4	1.0	.6	1.0	.6	2.4	1.4	.6	7.0	13.7	5.5	
Orange City city	1 539	12.2	3.7	.7	.9	1.6	.5	1.1	1.4	.5	1.1	3.1	5.5	1.5	
Osage city	1 508	26.3	4.5	3.2	1.9	2.4	1.9	2.4	3.8	2.4	3.2	7.5	9.5	13.1	
Osceola city	1 839	27.6	4.8	.8	1.3	1.0	.7	.7	1.6	1.7	2.4	12.2	15.2	8.3	
Oskaloosa city	4 337	32.9	5.4	1.1	1.2	1.5	1.2	1.3	1.8	1.7	2.4	5.6	10.8	4.2	
Ottumwa city	10 280	32.3	6.1	1.4	1.6	1.4	1.6	1.4	1.8	1.8	2.7	7.6	10.6	4.3	
Pella city	3 098	18.6	7.0	1.8	1.4	1.4	1.8	1.2	1.6	2.3	1.5	3.1	9.1	3.5	
Perry city	2 700	36.3	4.7	1.2	.7	1.6	.9	1.2	2.1	1.3	2.5	7.1	10.8	6.2	
Pleasant Hill city	1 305	11.9	3.3	—	—	1.2	—	1.2	—	.5	2.5	5.6	—	7.6	
Red Oak city	2 716	24.5	5.2	.8	.8	.8	1.1	.6	1.7	1.9	1.6	5.9	11.6	7.8	
Rock Rapids city	1 068	21.3	5.8	2.1	2.7	2.8	2.8	2.6	2.4	2.7	4.1	9.1	12.7	8.1	
Rock Valley city	960	21.1	3.3	2.0	1.1	1.4	1.1	1.1	2.5	1.8	3.2	8.1	13.6	2.5	
Saylorville CDP	1 003	10.0	3.3	—	1.4	1.0	.7	—	.5	1.5	2.5	4.1	14.7	—	
Sergeant Bluff city	888	25.3	3.3	2.4	2.1	1.4	2.1	2.8	2.4	2.1	2.1	10.4	5.4	2.8	
Sheldon city	1 904	26.4	5.6	1.4	2.6	1.7	2.0	1.7	2.3	1.9	3.7	8.7	11.0	3.4	
Shenandoah city	2 370	30.2	5.4	1.0	1.4	1.5	1.4	1.3	1.5	1.4	2.6	5.0	9.4	4.6	
Sibley city	1 132	29.2	4.2	.7	8.2	.7	.4	.4	.7	.9	1.4	7.2	11.5	4.5	
Sioux Center city	1 575	20.3	5.3	3.8	3.4	3.9	3.4	3.7	4.8	4.9	5.0	8.3	12.2	7.0	
Sioux Falls city	30 488	27.4	5.2	1.2	1.4	2.0	1.2	1.4	2.1	1.6	2.7	7.7	12.6	5.9	
Spencer city	4 597	24.9	3.9	1.3	1.9	1.1	1.5	.9	2.2	1.1	1.4	5.9	5.2	2.8	
Spirit Lake city	1 587	20.2	7.4	1.4	1.7	2.4	1.7	2.4	2.0	1.8	5.2	3.5	5.7	3.0	
Storm Lake city	3 357	22.9	5.8	1.3	1.4	1.5	1.4	1.3	2.6	2.1	2.5	2.4	8.1	5.8	
Story City city	1 199	14.9	4.8	.8	1.3	.7	1.0	1.2	2.3	2.4	3.2	5.0	16.4	9.2	
Tama city	1 094	39.7	5.5	2.6	1.6	1.6	1.6	1.6	2.6	2.3	3.2	5.0	10.6	6.9	
Tipton city	1 270	29.4	4.9	1.0	1.6	1.5	2.0	1.0	2.0	1.4	2.0	5.4	11.6	5.0	

Table 102. **Percent of Housing Units Allocated: 1990—Con.**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Occupied housing units	Percent allocated											Specified owner, se- lected monthly owner costs		Specified renter, gross rent	
		Year structure built	Bedrooms	Plumbing facilities	Source of water	Sewage disposal	Kitchen facilities	Telephone in unit	House heating fuel	Vehicles available	Year house- holder moved into unit	With a mortgage	Not mort- gaged			
		PLACE AND COUNTY SUBDIVISION— Con.														
Urbandale city -----	9 013	12.4	4.2	1.0	.7	1.0	.7	.8	1.6	1.5	1.3	4.2	7.7	1.8		
Vinton city -----	2 012	38.3	7.5	4.0	3.8	3.6	4.2	3.3	3.6	3.7	5.0	5.5	15.8	2.4		
Washington city -----	2 875	26.1	7.7	2.9	2.8	4.1	2.8	3.7	3.1	3.2	5.0	6.9	7.0	5.4		
Waterloo city -----	27 037	24.9	6.7	2.3	2.3	2.5	2.3	2.3	3.1	2.6	3.1	9.2	15.5	5.4		
Waukees city -----	964	14.2	2.8	.7	1.2	1.8	.7	1.2	1.9	.9	2.2	7.0	9.0	3.8		
Waukon city -----	1 659	25.1	5.1	1.6	1.5	1.1	1.5	1.1	2.3	1.7	1.4	11.1	7.6	6.1		
Waverly city -----	3 035	21.0	5.6	3.3	4.0	4.2	4.0	4.5	3.9	3.6	4.7	11.5	6.3	1.3		
Webster City city -----	3 205	26.1	5.7	2.2	2.3	2.4	2.3	2.0	2.5	2.2	2.7	6.2	14.5	7.3		
West Burlington city -----	1 365	24.5	5.2	1.2	1.5	2.3	1.0	1.3	4.2	3.2	2.7	11.6	12.5	7.5		
West Des Moines city -----	12 972	12.1	4.4	1.4	1.2	1.6	1.1	1.6	1.7	1.2	1.9	3.1	8.6	2.7		
West Liberty city -----	1 051	31.0	7.7	5.0	2.8	3.4	2.8	2.8	4.9	2.8	2.8	7.0	8.7	10.5		
Wilton city -----	1 009	28.7	1.7	.8	1.7	1.9	1.7	.8	.8	1.7	1.8	9.7	10.6	9.3		
Windsor Heights city -----	2 250	12.5	1.8	—	.4	1.4	1.1	.4	.8	.8	1.2	1.5	4.4	4.2		
Winterset city -----	1 737	26.5	2.7	2.2	2.1	1.7	2.4	1.7	2.5	1.3	2.8	15.4	3.8	6.3		

Table 103. **Percent of Housing Units Allocated: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

American Indian Area	Occupied housing units	Percent allocated												Specified owner, selected monthly owner costs		Specified renter, gross rent	
		Year structure built	Bedrooms	Plumbing facilities	Source of water	Sewage disposal	Kitchen facilities	Telephone in unit	House heating fuel	Vehicles available	Year householder moved into unit	With a mortgage	Not mortgaged				
AMERICAN INDIAN RESERVATION AND TRUST LAND																	
All areas -----	138	10.1	10.9	—	3.6	5.1	.7	—	—	—	4.3	—	1.5	—			
Omaha Reservation, IA--NE (pt.) -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Sac and Fox (Iowa) Reservation, IA -----	138	10.1	10.9	—	3.6	5.1	.7	—	—	—	4.3	—	1.5	—			

Table 104. Percent of Housing Units in Sample: 1990

[For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Housing units		State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Housing units	
	100-percent count	Percent in sample		100-percent count	Percent in sample
The State	1 143 669	21.4	COUNTY—Con.		
URBAN AND RURAL AND SIZE OF PLACE			Lyon County	4 561	37.8
Urban	694 667	14.8	Madison County	4 995	23.9
Inside urbanized area	386 037	14.4	Mahaska County	8 977	23.2
Central place	309 312	14.3	Marion County	11 420	19.1
Urban fringe	76 725	14.7	Marshall County	15 862	20.0
Outside urbanized area	308 630	15.4	Mills County	5 004	24.1
Place of 10,000 or more	138 273	14.6	Mitchell County	4 514	25.3
Place of 2,500 to 9,999	170 357	16.1	Monona County	4 555	28.6
Rural	449 002	31.5	Monroe County	3 740	19.7
Place of 1,000 to 2,499	95 699	47.2	Montgomery County	5 363	23.3
Place of less than 1,000	107 141	47.8	Muscatine County	16 044	16.2
Other rural	246 162	18.3	O'Brien County	6 476	29.5
Rural farm	—	—	Osceola County	2 998	24.0
INSIDE AND OUTSIDE METROPOLITAN AREA			Page County	7 339	20.5
Inside metropolitan area	490 384	16.6	Palo Alto County	4 826	27.3
In central city	309 456	14.3	Plymouth County	8 806	25.8
Not in central city	180 928	20.7	Pocahontas County	4 193	38.4
Urban	103 305	15.1	Polk County	135 979	13.9
Inside urbanized area	76 725	14.7	Pottawattamie County	32 831	18.8
Outside urbanized area	26 580	16.2	Poweshiek County	8 199	24.3
Rural	77 623	28.1	Ringgold County	2 713	35.3
Outside metropolitan area	653 285	24.9	Sac County	5 648	39.4
Urban	282 050	15.3	Scott County	61 379	15.6
Inside urbanized area	—	—	Shelby County	5 430	25.0
Outside urbanized area	282 050	15.3	Sioux County	10 333	26.4
Place of 10,000 or more	126 986	14.6	Story County	26 847	20.2
Place of 2,500 to 9,999	155 064	15.9	Tama County	7 417	33.4
Rural	371 235	32.2	Taylor County	3 307	38.4
COUNTY			Union County	5 622	19.6
Adair County	3 714	36.3	Van Buren County	3 529	34.0
Adams County	2 234	33.9	Wapello County	15 640	19.1
Allamakee County	6 603	28.1	Warren County	13 157	19.7
Appanoose County	6 402	25.1	Washington County	7 866	25.2
Audubon County	3 247	36.6	Wayne County	3 334	37.9
Benton County	9 125	25.3	Webster County	17 063	19.7
Black Hawk County	49 688	17.1	Winnebago County	5 030	29.1
Boone County	10 371	22.0	Winneshiek County	7 726	23.2
Bremer County	8 847	28.3	Woodbury County	39 071	16.9
Buchanan County	8 272	26.8	Worth County	3 443	36.5
Buena Vista County	8 140	25.2	Wright County	6 636	26.8
Butler County	6 483	37.9	PLACE AND COUNTY SUBDIVISION		
Calhoun County	5 362	38.8	Adel city	1 285	16.4
Carroll County	8 356	26.2	Albia city	1 772	16.4
Cass County	6 788	24.7	Algona city	2 572	16.6
Cedar County	7 146	28.8	Altoona city	2 582	12.0
Cerro Gordo County	20 954	15.0	Ames city	16 058	15.5
Cherokee County	5 973	22.7	Anamosa city	1 610	16.1
Chickasaw County	5 486	27.3	Ankeny city	6 983	13.1
Clarke County	3 599	20.2	Atlantic city	3 356	15.8
Clay County	7 659	18.6	Audubon city	1 185	48.4
Clayton County	8 344	38.8	Belle Plaine city	1 289	16.6
Clinton County	21 296	17.5	Belmond city	1 171	49.6
Crawford County	6 920	25.4	Bettendorf city	11 063	15.3
Dallas County	11 812	27.4	Bloomfield city	1 174	16.4
Davis County	3 365	19.9	Boone city	5 332	14.1
Decatur County	3 692	38.6	Burlington city	11 777	14.8
Delaware County	7 408	23.7	Camanche city	1 769	11.9
Des Moines County	18 248	17.1	Carlisle city	1 230	15.7
Dickinson County	9 723	33.7	Carroll city	3 779	13.9
Dubuque County	32 053	19.7	Carter Lake city	1 149	14.7
Emmet County	4 914	22.5	Cedar Falls city	12 066	13.6
Fayette County	9 262	24.9	Cedar Rapids city	45 473	13.9
Floyd County	7 233	22.6	Centerville city	2 821	16.4
Franklin County	5 018	22.8	Chariton city	2 199	16.5
Fremont County	3 607	36.5	Charles City city	3 505	14.0
Greene County	4 707	25.1	Cherokee city	2 663	12.2
Grundy County	5 158	37.8	Clarinda city	2 164	15.9
Guthrie County	5 179	34.0	Clarion city	1 264	16.5
Hamilton County	6 879	22.8	Clear Lake city	3 964	11.9
Hancock County	5 236	29.3	Clinton city	12 584	15.2
Hardin County	8 419	26.3	Clive city	2 927	12.1
Harrison County	6 175	30.2	Coralville city	4 757	13.7
Henry County	7 507	25.3	Council Bluffs city	22 244	15.1
Howard County	4 155	23.8	Cresco city	1 651	16.4
Humboldt County	4 670	27.4	Creston city	3 618	14.0
Ida County	3 473	39.1	Davenport city	40 343	13.8
Iowa County	6 003	32.7	Decorah city	2 836	16.4
Jackson County	8 426	26.3	Denison city	2 725	12.4
Jasper County	14 338	23.9	Des Moines city	83 289	13.8
Jefferson County	6 739	17.8	De Witt city	1 902	12.1
Johnson County	37 210	16.4	Dubuque city	22 377	15.8
Jones County	7 366	22.8	Dyersville city	1 457	16.2
Keokuk County	5 024	38.7	Eagle Grove city	1 641	16.3
Kossuth County	7 765	26.6	Eldora city	1 293	16.8
Lee County	16 443	18.5	Eldridge city	1 170	12.1
Linn County	68 357	16.2	Emmetsburg city	1 740	16.6
Louisa County	5 044	32.5	Estherville city	2 907	16.3
Lucas County	4 179	20.7	Evansdale city	1 755	14.4
			Fairfield city	4 087	13.5
			Forest City city	1 727	15.7
			Fort Dodge city	11 212	14.1

DETAILED HOUSING CHARACTERISTICS

Table 104. Percent of Housing Units in Sample: 1990—Con.

[For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Housing units		State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Housing units	
	100-percent count	Percent in sample		100-percent count	Percent in sample
PLACE AND COUNTY SUBDIVISION—Con.			PLACE AND COUNTY SUBDIVISION—Con.		
Fort Madison city	5 209	14.4	Orange City city	1 590	16.4
Garner city	1 202	16.6	Osage city	1 594	16.2
Glenwood city	1 792	16.2	Oscola city	1 945	16.3
Grimes city	1 005	15.9	Oskaloosa city	4 638	17.3
Grinnell city	3 407	16.7	Ottumwa city	10 912	15.9
Hampton city	1 916	12.5	Pella city	3 179	13.5
Harlan city	2 253	16.6	Perry city	2 860	16.6
Hiawatha city	2 189	11.6	Pleasant Hill city	1 322	10.9
Humboldt city	1 993	17.5	Red Oak city	2 911	16.2
Independence city	2 480	15.8	Rock Rapids city	1 157	49.6
Indianola city	4 304	16.1	Rock Valley city	1 022	16.2
Iowa City city	22 464	14.5	Saylorville CDP	1 021	13.7
Iowa Falls city	2 400	15.6	Sergeant Bluff city	922	15.1
Jefferson city	2 029	16.3	Sheldon city	2 008	12.5
Johnston city	1 881	15.7	Shenandoah city	2 591	16.2
Keokuk city	5 582	16.0	Sibley city	1 184	16.0
Knoxville city	3 420	13.2	Sioux Center city	1 620	16.4
Le Claire city	1 076	16.1	Sioux City city	32 177	14.0
Le Mars city	3 280	16.0	Spencer city	4 824	12.1
Manchester city	2 102	12.0	Spirit Lake city	1 730	16.5
Maquoketa city	2 724	16.3	Storm Lake city	3 557	13.8
Marion city	7 998	14.6	Story City city	1 240	16.2
Marshalltown city	10 630	14.9	Tama city	1 159	17.9
Mason City city	12 669	12.0	Tipton city	1 313	15.3
Missouri Valley city	1 232	15.5	Urbandale city	9 296	11.6
Monticello city	1 529	16.4	Vinton city	2 089	12.3
Mount Pleasant city	3 031	15.6	Washington city	3 014	16.4
Mount Vernon city	1 033	18.6	Waterloo city	29 023	15.4
Muscatine city	9 297	15.1	Waukee city	1 008	44.8
Nevada city	2 558	15.9	Waukon city	1 758	16.6
New Hampton city	1 550	16.1	Waverly city	3 160	16.3
Newton city	6 477	13.5	Webster City city	3 435	13.5
North Liberty city	1 162	11.7	West Burlington city	1 443	16.0
Norwalk city	1 921	16.2	West Des Moines city	13 668	13.0
Oelwein city	2 918	15.8	West Liberty city	1 103	15.8
Onawa city	1 354	16.0	Wilton city	1 074	11.5
			Windsor Heights city	2 302	11.6
			Winterset city	1 806	15.8

Table 105. **Percent of Housing Units in Sample: 1990**

[For definitions of terms and meanings of symbols, see text]

American Indian Area	Housing units	
	100-percent count	Percent in sample
AMERICAN INDIAN RESERVATION AND TRUST LAND		
All areas	154	43.5
Omaha Reservation, IA--NE (pt.)	—	—
Sac and Fox (Iowa) Reservation, IA	154	43.5

APPENDIX A. Area Classifications

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These definitions are for all geographic entities and concepts that the Census Bureau will include in its standard 1990 census data products. Not all entities and concepts are shown in any one 1990 census data product. For a description of geographic areas included in each data product, see appendix F.

AMERICAN INDIAN AND ALASKA NATIVE AREA

Alaska Native Regional Corporation (ANRC)

Alaska Native Regional Corporations (ANRC's) are corporate entities established under the Alaska Native Claims Settlement Act of 1972, Public Law 92-203, as amended by Public Law 94-204, to conduct both business and nonprofit affairs of Alaska Natives. Alaska is divided into

12 ANRC's that cover the entire State, except for the Annette Islands Reserve. The boundaries of the 12 ANRC's were established by the Department of the Interior, in cooperation with Alaska Natives. Each ANRC was designed to include, as far as practicable, Alaska Natives with a common heritage and common interests. The ANRC boundaries for the 1990 census were identified by the Bureau of Land Management. A 13th region was established for Alaska Natives who are not permanent residents and who chose not to enroll in one of the 12 ANRC's; no census products are prepared for the 13th region. ANRC's were first identified for the 1980 census.

Each ANRC is assigned a two-digit census code ranging from 07 through 84. These census codes are assigned in alphabetical order of the ANRC's.

Alaska Native Village (ANV) Statistical Area

Alaska Native villages (ANV's) constitute tribes, bands, clans, groups, villages, communities, or associations in Alaska that are recognized pursuant to the Alaska Native Claims Settlement Act of 1972, Public Law 92-203. Because ANV's do not have legally designated boundaries, the Census Bureau has established Alaska Native village statistical areas (ANVSA's) for statistical purposes. For the 1990 census, the Census Bureau cooperated with officials of the nonprofit corporation within each participating Alaska Native Regional Corporation (ANRC), as well as other knowledgeable officials, to delineate boundaries that encompass the settled area associated with each ANV. ANVSA's are located within ANRC's and do not cross ANRC boundaries. ANVSA's for the 1990 census replace the ANV's that the Census Bureau recognized for the 1980 census.

Each ANVSA is assigned a four-digit census code ranging from 6001 through 8989. Each ANVSA also is assigned a five-digit FIPS code. Both the census and FIPS codes are assigned in alphabetical order of ANVSA's.

American Indian Reservation and Trust Land

American Indian Reservation—Federal American Indian reservations are areas with boundaries established by treaty, statute, and/or executive or court order, and recognized by the Federal Government as territory in which American Indian tribes have jurisdiction. State reservations are lands held in trust by State governments for the use and benefit of a given tribe. The reservations and their boundaries were identified for the 1990 census by the Bureau of Indian Affairs (BIA), Department of Interior (for Federal reservations), and State governments (for State reservations). The names of American Indian reservations recognized by State governments, but not by the Federal Government, are followed by "(State)." Areas composed of reservation lands that are administered jointly and/or are claimed by two reservations, as identified by the BIA, are called "joint areas," and are treated as separate American Indian reservations for census purposes.

Federal reservations may cross State boundaries, and Federal and State reservations may cross county, county subdivision, and place boundaries. For reservations that cross State boundaries, only the portion of the reservations in a given State are shown in the data products for that State; the entire reservations are shown in data products for the United States.

Each American Indian reservation is assigned a four-digit census code ranging from 0001 through 4989. These census codes are assigned in alphabetical order of American Indian reservations nationwide, except that joint areas appear at the end of the code range. Each American Indian reservation also is assigned a five-digit FIPS code; because the FIPS codes are assigned in alphabetical sequence of American Indian reservations within each State, the FIPS code is different in each State for reservations in more than one State.

Trust Land—Trust lands are property associated with a particular American Indian reservation or tribe, held in trust by the Federal Government. Trust lands may be held in trust either for a tribe (tribal trust land) or for an individual member of a tribe (individual trust land). Trust lands recognized for the 1990 census comprise all tribal trust lands and inhabited individual trust lands located outside of a reservation boundary. As with other American Indian areas, trust lands may be located in more than one State. Only the trust lands in a given State are shown in the data products for that State; all trust lands associated with a reservation or tribe are shown in data products for the United States. The Census Bureau first reported data for tribal trust lands for the 1980 census.

Trust lands are assigned a four-digit census code and a five-digit FIPS code, the same as that for the reservation with which they are associated. Trust lands not associated with a reservation are presented by tribal name, interspersed alphabetically among the reservations.

Tribal Designated Statistical Area (TDSA)

Tribal designated statistical areas (TDSA's) are areas, delineated outside Oklahoma by federally- and State-recognized tribes without a land base or associated trust lands, to provide statistical areas for which the Census Bureau tabulates data. TDSA's represent areas generally containing the American Indian population over which federally-recognized tribes have jurisdiction and areas in which State tribes provide benefits and services to their members. The names of TDSA's delineated by State-recognized tribes are followed by "(State)." The Census Bureau did not recognize TDSA's before the 1990 census.

Each TDSA is assigned a four-digit census code ranging from 9001 through 9589. The census codes are assigned in alphabetical order of TDSA's nationwide. Each TDSA also is assigned a five-digit FIPS code in alphabetical order within State.

Tribal Jurisdiction Statistical Area (TJSA)

Tribal jurisdiction statistical areas (TJSA's) are areas, delineated by federally-recognized tribes in Oklahoma without a reservation, for which the Census Bureau tabulates data. TJSA's represent areas generally containing the American Indian population over which one or more tribal governments have jurisdiction; if tribal officials delineated adjacent TJSA's so that they include some duplicate territory, the overlap area is called a "joint use area," which is treated as a separate TJSA for census purposes.

TJSA's replace the "Historic Areas of Oklahoma (excluding urbanized areas)" shown in 1980 census data products. The Historic Areas of Oklahoma comprised the territory located within reservations that had legally established boundaries from 1900 to 1907; these reservations were dissolved during the 2- to 3-year period preceding the statehood of Oklahoma in 1907. The Historic Areas of Oklahoma (excluding urbanized areas) were identified only for the 1980 census.

Each TJSA is assigned a four-digit census code ranging from 5001 through 5989. The census codes are assigned in alphabetical order of TJSA's, except that joint areas appear at the end of the code range. Each TJSA also is assigned a five-digit FIPS code in alphabetical order within Oklahoma.

AREA MEASUREMENT

Area measurements provide the size, in square kilometers (also in square miles in printed reports), recorded for each geographic entity for which the Census Bureau tabulates data in general-purpose data products (except crews-of-vessels entities and ZIP Codes). (Square kilometers may be divided by 2.59 to convert an area measurement to square miles.) Area was calculated from the specific set of boundaries recorded for the entity in the Census Bureau's geographic data base (see "TIGER"). On machine-readable files, area measurements are shown to three decimal places; the decimal point is implied. In printed reports and listings, area measurements are shown to one decimal.

The Census Bureau provides measurements for both land area and total water area for the 1990 census; the water figure includes inland, coastal, Great Lakes, and territorial water. (For the 1980 census, the Census Bureau provided area measurements for land and inland water.) The Census Bureau will provide measurements for the component types of water for the affected entities in a separate file. "Inland water" consists of any lake, reservoir, pond, or similar body of water that is recorded in the Census Bureau's geographic data base. It also includes any river, creek, canal, stream, or similar feature that is recorded in that data base as a two-dimensional feature (rather than as a single line). The portions of the oceans and related large embayments (such as the Chesapeake Bay and Puget Sound), the Gulf of Mexico, and the Caribbean Sea that belong to the United States and its territories are considered to be "coastal" and "territorial"

waters; the Great Lakes are treated as a separate water entity. Rivers and bays that empty into these bodies of water are treated as "inland water" from the point beyond which they are narrower than one nautical mile across. Identification of land and inland, coastal, and territorial waters is for statistical purposes, and does not necessarily reflect legal definitions thereof.

By definition, census blocks do not include water within their boundaries; therefore, the water area of a block is always zero. Land area measurements may disagree with the information displayed on census maps and in the TIGER file because, for area measurement purposes, features identified as "intermittent water" and "glacier" are reported as land area. For this reason, it may not be possible to derive the land area for an entity by summing the land area of its component census blocks. In addition, the water area measurement reported for some geographic entities includes water that is not included in any lower-level geographic entity. Therefore, because water is contained only in a higher-level geographic entity, summing the water measurements for all the component lower-level geographic entities will not yield the water area of that higher-level entity. This occurs, for example, where water is associated with a county but is not within the legal boundary of any minor civil division, or the water is associated with a State but is not within the legal boundary of any county. Crews-of-vessels entities (see "Census Tract and Block Numbering Area" and "Block") do not encompass territory and therefore have no area measurements. ZIP Codes do not have specific boundaries, and therefore, also do not have area measurements.

The accuracy of any area measurement figure is limited by the inaccuracy inherent in (1) the location and shape of the various boundary features in the data base, and (2) rounding affecting the last digit in all operations that compute and/or sum the area measurements.

BLOCK

Census blocks are small areas bounded on all sides by visible features such as streets, roads, streams, and railroad tracks, and by invisible boundaries such as city, town, township, and county limits, property lines, and short, imaginary extensions of streets and roads.

Tabulation blocks, used in census data products, are in most cases the same as collection blocks, used in the census enumeration. In some cases, collection blocks have been "split" into two or more parts required for data tabulations. Tabulation blocks do not cross the boundaries of counties, county subdivisions, places, census tracts or block numbering areas, American Indian and Alaska Native areas, congressional districts, voting districts, urban or rural areas, or urbanized areas. The 1990 census is the first for which the entire United States and its possessions are block-numbered.

Blocks are numbered uniquely within each census tract or BNA. A block is identified by a three-digit number, sometimes with a single alphabetical suffix. Block numbers

with suffixes generally represent collection blocks that were “split” in order to identify separate geographic entities that divide the original block. For example, when a city limit runs through data collection block 101, the data for the portion inside the city is tabulated in block 101A and the portion outside, in block 101B. A block number with the suffix “Z” represents a “crews-of-vessels” entity for which the Census Bureau tabulates data, but that does not represent a true geographic area; such a block is shown on census maps associated with an anchor symbol and a census tract or block numbering area with a .99 suffix.

BLOCK GROUP (BG)

Geographic Block Group

A geographic block group (BG) is a cluster of blocks having the same first digit of their three-digit identifying numbers within a census tract or block numbering area (BNA). For example, BG 3 within a census tract or BNA includes all blocks numbered between 301 and 397. In most cases, the numbering involves substantially fewer than 97 blocks. Geographic BG's never cross census tract or BNA boundaries, but may cross the boundaries of county subdivisions, places, American Indian and Alaska Native areas, urbanized areas, voting districts, and congressional districts. BG's generally contain between 250 and 550 housing units, with the ideal size being 400 housing units.

Tabulation Block Group

In the data tabulations, a geographic BG may be split to present data for every unique combination of county subdivision, place, American Indian and Alaska Native area, urbanized area, voting district, urban/rural and congressional district shown in the data product; for example, if BG 3 is partly in a city and partly outside the city, there will be separate tabulated records for each portion of BG 3. BG's are used in tabulating decennial census data nationwide in the 1990 census, in all block-numbered areas in the 1980 census, and in Tape Address Register (TAR) areas in the 1970 census. For purposes of data presentation, BG's are a substitute for the enumeration districts (ED's) used for reporting data in many parts of the United States for the 1970 and 1980 censuses, and in all areas for pre-1970 censuses.

BOUNDARY CHANGES

The boundaries of some counties, county subdivisions, American Indian and Alaska Native areas, and many incorporated places, changed between those reported for the 1980 census and January 1, 1990. Boundary changes to legal entities result from:

1. Annexations to or detachments from legally established governmental units.
2. Mergers or consolidations of two or more governmental units.
3. Establishment of new governmental units.
4. Disincorporations or disorganizations of existing governmental units.
5. Changes in treaties and Executive Orders.

The historical counts shown for counties, county subdivisions, and places are not updated for such changes, and thus reflect the population and housing units in the area as delineated at each census. Information on boundary changes reported between the 1980 and 1990 censuses for counties, county subdivisions, and incorporated places is presented in the “User Notes” section of the technical documentation of Summary Tape Files 1 and 3, and in the 1990 CPH-2, *Population and Housing Unit Counts* printed reports. For information on boundary changes for such areas in the decade preceding other decennial censuses, see the *Number of Inhabitants* reports for each census. Boundary changes are not reported for some areas, such as census designated places and block groups.

CENSUS REGION AND CENSUS DIVISION

Census Division

Census divisions are groupings of States that are subdivisions of the four census regions. There are nine divisions, which the Census Bureau adopted in 1910 for the presentation of data. The regions, divisions, and their constituent States are:

Northeast Region

New England Division:

Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut

Middle Atlantic Division:

New York, New Jersey, Pennsylvania

Midwest Region

East North Central Division:

Ohio, Indiana, Illinois, Michigan, Wisconsin

West North Central Division:

Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas

South Region

South Atlantic Division:

Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida

East South Central Division:

Kentucky, Tennessee, Alabama, Mississippi

West South Central Division:

Arkansas, Louisiana, Oklahoma, Texas

West Region*Mountain Division:*

Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada

Pacific Division:

Washington, Oregon, California, Alaska, Hawaii

Census Region

Census regions are groupings of States that subdivide the United States for the presentation of data. There are four regions—Northeast, Midwest, South, and West. Each of the four census regions is divided into two or more census divisions. Prior to 1984, the Midwest region was named the North Central region. From 1910, when census regions were established, through the 1940's, there were three regions—North, South, and West.

CENSUS TRACT AND BLOCK NUMBERING AREA**Block Numbering Area (BNA)**

Block numbering areas (BNA's) are small statistical subdivisions of a county for grouping and numbering blocks in nonmetropolitan counties where local census statistical areas committees have not established census tracts. State agencies and the Census Bureau delineated BNA's for the 1990 census, using guidelines similar to those for the delineation of census tracts. BNA's do not cross county boundaries.

BNA's are identified by a four-digit basic number and may have a two-digit suffix; for example, 9901.07. The decimal point separating the four-digit basic BNA number from the two-digit suffix is shown in printed reports, in microfiche, and on census maps; in machine-readable files, the decimal point is implied. Many BNA's do not have a suffix; in such cases, the suffix field is left blank in all data products. BNA numbers range from 9501 through 9989.99, and are unique within a county (numbers in the range of 0001 through 9499.99 denote a census tract). The suffix .99 identifies a BNA that was populated entirely by persons aboard one or more civilian or military ships. A "crews-of-vessels" BNA appears on census maps only as an anchor symbol with its BNA number (and block numbers on maps showing block numbers); the BNA relates to the ships associated with the onshore BNA's having the same four-digit basic number. Suffixes in the range .80 through .98 usually identify BNA's that either were revised or were created during the 1990 census data collection activities.

Some of these revisions produced BNA's that have extremely small land area and may have little or no population or housing. For data analysis, such a BNA can be summarized with an adjacent BNA.

Census Tract

Census tracts are small, relatively permanent statistical subdivisions of a county. Census tracts are delineated for all metropolitan areas (MA's) and other densely populated counties by local census statistical areas committees following Census Bureau guidelines (more than 3,000 census tracts have been established in 221 counties outside MA's). Six States (California, Connecticut, Delaware, Hawaii, New Jersey, and Rhode Island) and the District of Columbia are covered entirely by census tracts. Census tracts usually have between 2,500 and 8,000 persons and, when first delineated, are designed to be homogeneous with respect to population characteristics, economic status, and living conditions. Census tracts do not cross county boundaries. The spatial size of census tracts varies widely depending on the density of settlement. Census tract boundaries are delineated with the intention of being maintained over a long time so that statistical comparisons can be made from census to census. However, physical changes in street patterns caused by highway construction, new development, etc., may require occasional revisions; census tracts occasionally are split due to large population growth, or combined as a result of substantial population decline. Census tracts are referred to as "tracts" in all 1990 data products.

Census tracts are identified by a four-digit basic number and may have a two-digit suffix; for example, 6059.02. The decimal point separating the four-digit basic tract number from the two-digit suffix is shown in printed reports, in microfiche, and on census maps; in machine-readable files, the decimal point is implied. Many census tracts do not have a suffix; in such cases, the suffix field is left blank in all data products. Leading zeros in a census tract number (for example, 002502) are shown only on machine-readable files.

Census tract numbers range from 0001 through 9499.99 and are unique within a county (numbers in the range of 9501 through 9989.99 denote a block numbering area). The suffix .99 identifies a census tract that was populated entirely by persons aboard one or more civilian or military ships. A "crews-of-vessels" census tract appears on census maps only as an anchor symbol with its census tract number (and block numbers on maps showing block numbers). These census tracts relate to the ships associated with the onshore census tract having the same four-digit basic number. Suffixes in the range .80 through .98 usually identify census tracts that either were revised or were created during the 1990 census data collection activities. Some of these revisions may have resulted in census tracts that have extremely small land area and may have little or no population or housing. For data analysis, such a census tract can be summarized with an adjacent census tract.

CONGRESSIONAL DISTRICT (CD)

Congressional districts (CD's) are the 435 areas from which persons are elected to the U.S. House of Representatives. After the apportionment of congressional seats among the States, based on census population counts, each State is responsible for establishing CD's for the purpose of electing representatives. Each CD is to be as equal in population to all other CD's in the State as practicable, based on the decennial census counts.

The CD's that were in effect on January 1, 1990 were those of the 101st Congress. Data on the 101st Congress appear in an early 1990 census data product (Summary Tape File 1A). The CD's of the 101st Congress are the same as those in effect for the 102nd Congress. CD's of the 103rd Congress, reflecting redistricting based on the 1990 census, are summarized in later 1990 data products (STF's 1D and 3D, and 1990 CPH-4, *Population and Housing Characteristics for Congressional Districts of the 103rd Congress* printed reports).

COUNTY

The primary political divisions of most States are termed "counties." In Louisiana, these divisions are known as "parishes." In Alaska, which has no counties, the county equivalents are the organized "boroughs" and the "census areas" that are delineated for statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities that are independent of any county organization and thus constitute primary divisions of their States. These cities are known as "independent cities" and are treated as equivalent to counties for statistical purposes. 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 statistical purposes.

Each county and county equivalent is assigned a three-digit FIPS code that is unique within State. These codes are assigned in alphabetical order of county or county equivalent within State, except for the independent cities, which follow the listing of counties.

COUNTY SUBDIVISION

County subdivisions are the primary subdivisions of counties and their equivalents for the reporting of decennial census data. They include census county divisions, census subareas, minor civil divisions, and unorganized territories.

Each county subdivision is assigned a three-digit census code in alphabetical order within county and a five-digit FIPS code in alphabetical order within State.

Census County Division (CCD)

Census county divisions (CCD's) are subdivisions of a county that were delineated by the Census Bureau, in cooperation with State officials and local census statistical

areas committees, for statistical purposes. CCD's were established in 21 States where there are no legally established minor civil divisions (MCD's), where the MCD's do not have governmental or administrative purposes, where the boundaries of the MCD's change frequently, and/or where the MCD's are not generally known to the public. CCD's have no legal functions, and are not governmental units.

The boundaries of CCD's usually are delineated to follow visible features, and in most cases coincide with census tract or block numbering area boundaries. The name of each CCD is based on a place, county, or well-known local name that identifies its location. CCD's have been established in the following 21 States: Alabama, Arizona, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Kentucky, Montana, Nevada, New Mexico, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Washington, and Wyoming. For the 1980 census, the county subdivisions recognized for Nevada were MCD's.

Census Subarea (Alaska)

Census subareas are statistical subdivisions of boroughs and census areas (county equivalents) in Alaska. Census subareas were delineated cooperatively by the State of Alaska and the Census Bureau. The census subareas, identified first in 1980, replaced the various types of subdivisions used in the 1970 census.

Minor Civil Division (MCD)

Minor civil divisions (MCD's) are the primary political or administrative divisions of a county. MCD's represent many different kinds of legal entities with a wide variety of governmental and/or administrative functions. MCD's are variously designated as American Indian reservations, assessment districts, boroughs, election districts, gores, grants, magisterial districts, parish governing authority districts, plantations, precincts, purchases, supervisors' districts, towns, and townships. In some States, all or some incorporated places are not located in any MCD and thus serve as MCD's in their own right. In other States, incorporated places are subordinate to (part of) the MCD's in which they are located, or the pattern is mixed—some incorporated places are independent of MCD's and others are subordinate to one or more MCD's.

The Census Bureau recognizes MCD's in the following 28 States: Arkansas, Connecticut, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, Virginia, West Virginia, and Wisconsin. The District of Columbia has no primary divisions, and the entire area is considered equivalent to an MCD for statistical purposes.

The MCD's in 12 selected States (Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin) also serve as general-purpose local governments. The Census Bureau presents data for these MCD's in all data products in which it provides data for places.

Unorganized Territory (unorg.)

In nine States (Arkansas, Iowa, Kansas, Louisiana, Maine, Minnesota, North Carolina, North Dakota, and South Dakota), some counties contain territory that is not included in an MCD recognized by the Census Bureau. Each separate area of unorganized territory in these States is recognized as one or more separate county subdivisions for census purposes. Each unorganized territory is given a descriptive name, followed by the designation "unorg."

GEOGRAPHIC CODE

Geographic codes are shown primarily on machine-readable data products, such as computer tape and compact disc-read only memory (CD-ROM), but also appear on other products such as microfiche; they also are shown on some census maps. Codes are identified as "census codes" only if there is also a Federal Information Processing Standards (FIPS) code for the same geographic entity. A code that is not identified as either "census" or "FIPS" is usually a census code for which there is no FIPS equivalent, or for which the Census Bureau does not use the FIPS code. The exceptions, which use only the FIPS code in census products, are county, congressional district, and metropolitan area (that is, metropolitan statistical area, consolidated metropolitan statistical area, and primary metropolitan statistical area).

Census Code

Census codes are assigned for a variety of geographic entities, including American Indian and Alaska Native area, census division, census region, county subdivision, place, State, urbanized area, and voting district. The structure, format, and meaning of census codes appear in the 1990 census *Geographic Identification Code Scheme*; in the data dictionary portion of the technical documentation for summary tape files, CD-ROM's, and microfiche.

Federal Information Processing Standards (FIPS) Code

Federal Information Processing Standards (FIPS) codes are assigned for a variety of geographic entities, including American Indian and Alaska Native area, congressional district, county, county subdivision, metropolitan area, place, and State. The structure, format, and meaning of FIPS

codes used in the census are shown in the 1990 census *Geographic Identification Code Scheme*; in the data dictionary portion of the technical documentation for summary tape files, CD-ROM's, and microfiche.

The objective of the FIPS codes is to improve the use of data resources of the Federal Government and avoid unnecessary duplication and incompatibilities in the collection, processing, and dissemination of data. More information about FIPS and FIPS code documentation is available from the National Technical Information Service, Springfield, VA 22161.

United States Postal Service (USPS) Code

United States Postal Service (USPS) codes for States are used in all 1990 data products. The codes are two-character alphabetic abbreviations. These codes are the same as the FIPS two-character alphabetic abbreviations.

GEOGRAPHIC PRESENTATION

Hierarchical Presentation

A hierarchical geographic presentation shows the geographic entities in a superior/subordinate structure in census products. This structure is derived from the legal, administrative, or areal relationships of the entities. The hierarchical structure is depicted in report tables by means of indentation, and is explained for machine-readable media in the discussion of file structure in the geographic coverage portion of the abstract in the technical documentation. An example of hierarchical presentation is the "standard census geographic hierarchy": block, within block group, within census tract or block numbering area, within place, within county subdivision, within county, within State, within division, within region, within the United States. Graphically, this is shown as:

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United States
  Region
    Division
      State
        County
          County subdivision
            Place (or part)
              Census tract/ block numbering area
                (or part)
                  Block group (or part)
                    Block
  
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Inventory Presentation

An inventory presentation of geographic entities is one in which all entities of the same type are shown in alphabetical or code sequence, without reference to their hierarchical relationships. Generally, an inventory presentation shows totals for entities that may be split in a hierarchical presentation, such as place, census tract/

block numbering area, or block group. An example of a series of inventory presentations is: State, followed by all the counties in that State, followed by all the places in that State. Graphically, this is shown as:

State
 County "A"
 County "B"
 County "C"
 Place "X"
 Place "Y"
 Place "Z"

HISTORICAL COUNTS

Historical counts for total population and total housing units are shown in the 1990 CPH-2, *Population and Housing Unit Counts* report series. As in past censuses, the general rule for presenting historical data for States, counties, county subdivisions, and places is to show historical counts only for single, continually existing entities. Stated another way, if an entity existed for both the current and preceding censuses, the tables show counts for the preceding censuses. Included in this category are entities of the same type (county, county subdivision, place) even if they had changed their names. Also included are entities that merged, but only if the new entity retained the name of one of the merged entities. The historical counts shown are for each entity as it was bounded at each census.

In cases where an entity was formed since a preceding census, such as a newly incorporated place or a newly organized township, the symbol three dots "..." is shown for earlier censuses. The three-dot symbol also is shown for those parts of a place that have extended into an additional county or county subdivision through annexation or other revision of boundaries since the preceding census.

In a few cases, changes in the boundaries of county subdivisions caused a place to be split into two or more parts, or to be split differently than in the preceding census. If historical counts for the parts of the place as currently split did not appear in a preceding census, "(NA)" is shown for the place in each county subdivision; however, the historical population and housing unit counts of the place appear in tables that show the entire place. For counties, county subdivisions, and places formed since January 1, 1980, 1980 census population and housing unit counts in the 1990 territory are reported in the geographic change notes included in the "User Notes" text section of 1990 CPH-2, *Population and Housing Unit Counts*, and in the technical documentation of Summary Tape Files 1 and 3.

In some cases, population and housing unit counts for individual areas were revised since publication of the 1980 reports (indicated by the prefix "r"). In a number of tables of 1990 CPH-2, *Population and Housing Unit Counts*, 1980 counts are shown for aggregations of individual areas,

such as the number, population, and housing unit counts of places in size groups, or urban and rural distributions. Revisions of population and housing unit counts for individual areas were not applied to the various aggregations. Therefore, it may not be possible to determine the individual areas in a given aggregation using the historical counts; conversely, the sum of the counts shown for individual areas may not agree with the aggregation.

INTERNAL POINT

An internal point is a set of geographic coordinates (latitude and longitude) that is located within a specified geographic entity. A single point is identified for each entity; for many entities, this point represents the approximate geographic center of that entity. If the shape of the entity caused this point to be located outside the boundaries of the entity, it is relocated from the center so that it is within the entity. If the internal point for a block falls in a water area, it is relocated to a land area within the block. On machine-readable products, internal points are shown to six decimal places; the decimal point is implied.

METROPOLITAN AREA (MA)

The general concept of a metropolitan area (MA) is one of a large population nucleus, together with adjacent communities that have a high degree of economic and social integration with that nucleus. Some MA's are defined around two or more nuclei.

The MA classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on MA's. The MA's are designated and defined by the Federal Office of Management and Budget, following a set of official published standards. These standards were developed by the inter-agency Federal Executive Committee on Metropolitan Areas, with the aim of producing definitions that are as consistent as possible for all MA's nationwide.

Each MA must contain either a place with a minimum population of 50,000 or a Census Bureau-defined urbanized area and a total MA population of at least 100,000 (75,000 in New England). An MA comprises one or more central counties. An MA also may include one or more outlying counties that have close economic and social relationships with the central county. An outlying county must have a specified level of commuting to the central counties and also must meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, MA's are composed of cities and towns rather than whole counties.

The territory, population, and housing units in MA's are referred to as "metropolitan." The metropolitan category is subdivided into "inside central city" and "outside central city." The territory, population, and housing units located outside MA's are referred to as "nonmetropolitan." The

metropolitan and nonmetropolitan classification cuts across the other hierarchies; for example, there is generally both urban and rural territory within both metropolitan and nonmetropolitan areas.

To meet the needs of various users, the standards provide for a flexible structure of metropolitan definitions that classify an MA either as a metropolitan statistical area (MSA) or as a consolidated metropolitan statistical area (CMSA) that is divided into primary metropolitan statistical areas (PMSA's). Documentation of the MA standards and how they are applied is available from the Secretary, Federal Executive Committee on Metropolitan Areas, Population Division, U.S. Bureau of the Census, Washington, DC 20233.

Central City

In each MSA and CMSA, the largest place and, in some cases, additional places are designated as "central cities" under the official standards. A few PMSA's do not have central cities. The largest central city and, in some cases, up to two additional central cities are included in the title of the MA; there also are central cities that are not included in an MA title. An MA central city does not include any part of that city that extends outside the MA boundary.

Consolidated and Primary Metropolitan Statistical Area (CMSA and PMSA)

If an area that qualifies as an MA has more than one million persons, primary metropolitan statistical areas (PMSA's) may be defined within it. PMSA's consist of a large urbanized county or cluster of counties that demonstrates very strong internal economic and social links, in addition to close ties to other portions of the larger area. When PMSA's are established, the larger area of which they are component parts is designated a consolidated metropolitan statistical area (CMSA).

Metropolitan Statistical Area (MSA)

Metropolitan statistical areas (MSA's) are relatively free-standing MA's and are not closely associated with other MA's. These areas typically are surrounded by nonmetropolitan counties.

Metropolitan Area Title and Code

The title of an MSA contains the name of its largest central city and up to two additional city names, provided that the additional places meet specified levels of population, employment, and commuting. Generally, a city with a population of 250,000 or more is in the title, regardless of other criteria.

The title of a PMSA may contain up to three place names, as determined above, or up to three county names, sequenced in order of population. A CMSA title also may include up to three names, the first of which generally is

the most populous central city in the area. The second name may be the first city or county name in the most populous remaining PMSA; the third name may be the first city or county name in the next most populous PMSA. A regional designation may be substituted for the second and/or third names in a CMSA title if such a designation is supported by local opinion and is deemed to be unambiguous and suitable by the Office of Management and Budget.

The titles for all MA's also contain the name of each State in which the area is located. Each metropolitan area is assigned a four-digit FIPS code, in alphabetical order nationwide. If the fourth digit of the code is a "2," it identifies a CMSA. Additionally, there is a separate set of two-digit codes for CMSA's, also assigned alphabetically.

OUTLYING AREAS OF THE UNITED STATES

The Census Bureau treats the outlying areas as the statistical equivalents of States for the 1990 census. The outlying areas are American Samoa, Guam, the Commonwealth of the Northern Mariana Islands (Northern Mariana Islands), Republic of Palau (Palau), Puerto Rico, and the Virgin Islands of the United States (Virgin Islands). Geographic definitions specific to each outlying area are shown in appendix A of the text in the data products for each area.

PLACE

Places, for the reporting of decennial census data, include census designated places and incorporated places. Each place is assigned a four-digit census code that is unique within State. Each place is also assigned a five-digit FIPS code that is unique within State. Both the census and FIPS codes are assigned based on alphabetical order within State. Consolidated cities (see below) are assigned a one-character alphabetical census code that is unique nationwide and a five-digit FIPS code that is unique within State.

Census Designated Place (CDP)

Census designated places (CDP's) are delineated for the decennial census as the statistical counterparts of incorporated places. CDP's comprise densely settled concentrations of population that are identifiable by name, but are not legally incorporated places. Their boundaries, which usually coincide with visible features or the boundary of an adjacent incorporated place, have no legal status, nor do these places have officials elected to serve traditional municipal functions. CDP boundaries may change with changes in the settlement pattern; a CDP with the same name as in previous censuses does not necessarily have the same boundaries.

Beginning with the 1950 census, the Census Bureau, in cooperation with State agencies and local census statistical areas committees, has identified and delineated boundaries for CDP's. In the 1990 census, the name of each such place is followed by "CDP." In the 1980 census, "(CDP)" was used; in 1970, 1960, and 1950 censuses, these places were identified by "(U)," meaning "unincorporated place."

To qualify as a CDP for the 1990 census, an unincorporated community must have met the following criteria:

1. In all States except Alaska and Hawaii, the Census Bureau uses three population size criteria to designate a CDP. These criteria are:
 - a. 1,000 or more persons if outside the boundaries of an urbanized area (UA) delineated for the 1980 census or a subsequent special census.
 - b. 2,500 or more persons if inside the boundaries of a UA delineated for the 1980 census or a subsequent special census.
 - c. 250 or more persons if outside the boundaries of a UA delineated for the 1980 census or a subsequent special census, and within the official boundaries of an American Indian reservation recognized for the 1990 census.
2. In Alaska, 25 or more persons if outside a UA, and 2,500 or more persons if inside a UA delineated for the 1980 census or a subsequent special census.
3. In Hawaii, 300 or more persons, regardless of whether the community is inside or outside a UA.

For the 1990 census, CDP's qualified on the basis of the population counts prepared for the 1990 Postcensus Local Review Program. Because these counts were subject to change, a few CDP's may have final population counts lower than the minimums shown above.

Hawaii is the only State with no incorporated places recognized by the Bureau of the Census. All places shown for Hawaii in the data products are CDP's. By agreement with the State of Hawaii, the Census Bureau does not show data separately for the city of Honolulu, which is coextensive with Honolulu County.

Consolidated City

A consolidated government is a unit of local government for which the functions of an incorporated place and its county or minor civil division (MCD) have merged. The legal aspects of this action may result in both the primary incorporated place and the county or MCD continuing to exist as legal entities, even though the county or MCD performs few or no governmental functions and has few or no elected officials. Where this occurs, and where one or more other incorporated places in the county or MCD

continue to function as separate governments, even though they have been included in the consolidated government, the primary incorporated place is referred to as a "consolidated city."

The data presentation for consolidated cities varies depending upon the geographic presentation. In hierarchical presentations, consolidated cities are not shown. These presentations include the semi-independent places and the "consolidated city (remainder)." Where the consolidated city is coextensive with a county or county subdivision, the data shown for those areas in hierarchical presentations are equivalent to those for the consolidated government.

For inventory geographic presentations, the consolidated city appears at the end of the listing of places. The data for the consolidated city include places that are part of the consolidated city. The "consolidated city (remainder)" is the portion of the consolidated government minus the semi-independent places, and is shown in alphabetical sequence with other places.

In summary presentations by size of place, the consolidated city is not included. The places semi-independent of consolidated cities are categorized by their size, as is the "consolidated city (remainder)."

Each consolidated city is assigned a one-character alphabetic census code. Each consolidated city also is assigned a five-digit FIPS code that is unique within State. The semi-independent places and the "consolidated city (remainder)" are assigned a four-digit census code and a five-digit FIPS place code that are unique within State. Both the census and FIPS codes are assigned based on alphabetical order within State.

Incorporated Place

Incorporated places recognized in 1990 census data products are those reported to the Census Bureau as legally in existence on January 1, 1990 under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: the towns in the New England States, New York, and Wisconsin, and the boroughs in New York are recognized as minor civil divisions for census purposes; the boroughs in Alaska are county equivalents.

POPULATION OR HOUSING UNIT DENSITY

Population or housing unit density is computed by dividing the total population or housing units of a geographic unit (for example, United States, State, county, place) by its land area measured in square kilometers or square miles. Density is expressed as both "persons (or housing units) per square kilometer" and "persons (or housing units) per square mile" of land area in 1990 census printed reports.

STATE

States are the primary governmental divisions of the United States. The District of Columbia is treated as a statistical equivalent of a State for census purposes. The four census regions, nine census divisions, and their component States are shown under "CENSUS REGION AND CENSUS DIVISION" in this appendix.

The Census Bureau treats the outlying areas as State equivalents for the 1990 census. The outlying areas are American Samoa, Guam, the Northern Mariana Islands, Palau, Puerto Rico, and the Virgin Islands of the United States. Geographic definitions specific to each outlying area are shown in appendix A in the data products for each area.

Each State and equivalent is assigned a two-digit numeric Federal Information Processing Standards (FIPS) code in alphabetical order by State name, followed by the outlying area names. Each State and equivalent area also is assigned a two-digit census code. This code is assigned on the basis of the geographic sequence of each State within each census division; the first digit of the code is the code for the respective division. Puerto Rico, the Virgin Islands, and the outlying areas of the Pacific are assigned "0" as the division code. Each State and equivalent area also is assigned the two-letter FIPS/United States Postal Service (USPS) code.

In 12 selected States (Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin), the minor civil divisions also serve as general-purpose local governments. The Census Bureau presents data for these minor civil divisions in all data products in which it provides data for places.

TIGER

TIGER is an acronym for the new digital (computer-readable) geographic data base that automates the mapping and related geographic activities required to support the Census Bureau's census and survey programs. The Census Bureau developed the Topologically Integrated Geographic Encoding and Referencing (TIGER) System to automate the geographic support processes needed to meet the major geographic needs of the 1990 census: producing the cartographic products to support data collection and map publication, providing the geographic structure for tabulation and publication of the collected data, assigning residential and employer addresses to their geographic location and relating those locations to the Census Bureau's geographic units, and so forth. The content of the TIGER data base is made available to the public through a variety of "TIGER Extract" files that may be obtained from the Data User Services Division, U.S. Bureau of the Census, Washington, DC 20233.

UNITED STATES

The United States comprises the 50 States and the District of Columbia. In addition, the Census Bureau treats

the outlying areas as statistical equivalents of States for the 1990 census. The outlying areas include American Samoa, Guam, the Northern Mariana Islands, Palau, Puerto Rico, and the Virgin Islands.

URBAN AND RURAL

The Census Bureau defines "urban" for the 1990 census as comprising all territory, population, and housing units in urbanized areas and in places of 2,500 or more persons outside urbanized areas. More specifically, "urban" consists of territory, persons, and housing units in:

1. Places of 2,500 or more persons incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the six New England States, New York, and Wisconsin), but excluding the rural portions of "extended cities."
2. Census designated places of 2,500 or more persons.
3. Other territory, incorporated or unincorporated, included in urbanized areas.

Territory, population, and housing units not classified as urban constitute "rural." In the 100-percent data products, "rural" is divided into "places of less than 2,500" and "not in places." The "not in places" category comprises "rural" outside incorporated and census designated places and the rural portions of extended cities. In many data products, the term "other rural" is used; "other rural" is a residual category specific to the classification of the rural in each data product.

In the sample data products, rural population and housing units are subdivided into "rural farm" and "rural nonfarm." "Rural farm" comprises all rural households and housing units on farms (places from which \$1,000 or more of agricultural products were sold in 1989); "rural nonfarm" comprises the remaining rural.

The urban and rural classification cuts across the other hierarchies; for example, there is generally both urban and rural territory within both metropolitan and nonmetropolitan areas.

In censuses prior to 1950, "urban" comprised all territory, persons, and housing units in incorporated places of 2,500 or more persons, and in areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. The definition of urban that restricted itself to incorporated places having 2,500 or more persons excluded many large, densely settled areas merely because they were not incorporated. Prior to the 1950 census, the Census Bureau attempted to avoid some of the more obvious omissions by classifying selected areas as "urban under special rules." Even with these rules, however, many large, closely built-up areas were excluded from the urban category.

To improve its measure of urban territory, population, and housing units, the Census Bureau adopted the concept of the urbanized area and delineated boundaries for

unincorporated places (now, census designated places) for the 1950 census. Urban was defined as territory, persons, and housing units in urbanized areas and, outside urbanized areas, in all places, incorporated or unincorporated, that had 2,500 or more persons. With the following three exceptions, the 1950 census definition of urban has continued substantially unchanged. First, in the 1960 census (but not in the 1970, 1980, or 1990 censuses), certain towns in the New England States, townships in New Jersey and Pennsylvania, and Arlington County, Virginia, were designated as urban. However, most of these “special rule” areas would have been classified as urban anyway because they were included in an urbanized area or in an unincorporated place of 2,500 or more persons. Second, “extended cities” were identified for the 1970, 1980, and 1990 censuses. Extended cities primarily affect the figures for urban and rural territory (area), but have very little effect on the urban and rural population and housing units at the national and State levels— although for some individual counties and urbanized areas, the effects have been more evident. Third, changes since the 1970 census in the criteria for defining urbanized areas have permitted these areas to be defined around smaller centers.

Documentation of the urbanized area and extended city criteria is available from the Chief, Geography Division, U.S. Bureau of the Census, Washington, DC 20233.

Extended City

Since the 1960 census, there has been a trend in some States toward the extension of city boundaries to include territory that is essentially rural in character. The classification of all the population and living quarters of such places as urban would include in the urban designation territory, persons, and housing units whose environment is primarily rural. For the 1970, 1980, and 1990 censuses, the Census Bureau identified as rural such territory and its population and housing units for each extended city whose closely settled area was located in an urbanized area. For the 1990 census, this classification also has been applied to certain places outside urbanized areas.

In summary presentations by size of place, the urban portion of an extended city is classified by the population of the entire place; the rural portion is included in “other rural.”

URBANIZED AREA (UA)

The Census Bureau delineates urbanized areas (UA's) to provide a better separation of urban and rural territory, population, and housing in the vicinity of large places. A UA comprises one or more places (“central place”) and the adjacent densely settled surrounding territory (“urban fringe”) that together have a minimum of 50,000 persons. The urban fringe generally consists of contiguous territory having a density of least 1,000 persons per square mile. The urban fringe also includes outlying territory of such

density if it was connected to the core of the contiguous area by road and is within 1 1/2 road miles of that core, or within 5 road miles of the core but separated by water or other undevelopable territory. Other territory with a population density of fewer than 1,000 people per square mile is included in the urban fringe if it eliminates an enclave or closes an indentation in the boundary of the urbanized area. The population density is determined by (1) outside of a place, one or more contiguous census blocks with a population density of at least 1,000 persons per square mile or (2) inclusion of a place containing census blocks that have at least 50 percent of the population of the place and a density of at least 1,000 persons per square mile. The complete criteria are available from the Chief, Geography Division, U.S. Bureau of the Census, Washington, DC 20233.

Urbanized Area Central Place

One or more central places function as the dominant centers of each UA. The identification of a UA central place permits the comparison of this dominant center with the remaining territory in the UA. There is no limit on the number of central places, and not all central places are necessarily included in the UA title. UA central places include:

1. Each place entirely (or partially, if the place is an extended city) within the UA that is a central city of a metropolitan area (MA).
2. If the UA does not contain an MA central city or is located outside of an MA, the central place(s) is determined by population size.

Urbanized Area Title and Code

The title of a UA identifies those places that are most important within the UA; it links the UA to the encompassing MA, where appropriate. If a single MA includes most of the UA, the title and code of the UA generally are the same as the title and code of the MA. If the UA is not mostly included in a single MA, if it does not include any place that is a central city of the encompassing MA, or if it is not located in an MA, the Census Bureau uses the population size of the included places, with a preference for incorporated places, to determine the UA title. The name of each State in which the UA is located also is in each UA title.

The numeric code used to identify each UA is the same as the code for the mostly encompassing MA (including CMSA and PMSA). If MA title cities represent multiple UA's, or the UA title city does not correspond to the first name of an MA title, the Census Bureau assigns a code based on the alphabetical sequence of the UA title in relationship to the other UA and MA titles.

VOTING DISTRICT (VTD)

A voting district (VTD) is any of a variety of types of areas (for example, election districts, precincts, wards, legislative districts) established by State and local governments for purposes of elections. For census purposes,

each State participating in Phase 2 of the 1990 Census Redistricting Data Program outlined the boundaries of VTD's around groups of whole census blocks on census maps. The entities identified as VTD's are not necessarily those legally or currently established. Also, to meet the "whole block" criterion, a State may have had to adjust VTD boundaries to nearby block boundaries. Therefore, the VTD's shown on the 1990 census tapes, listings, and maps may not represent the actual VTD's in effect at the time of the census. In the 1980 census, VTD's were referred to as "election precincts."

Each VTD is assigned a four-character alphanumeric code that is unique within each county. The code "ZZZZ" is assigned to nonparticipating areas; the Census Bureau reports data for areas coded "ZZZZ."

ZIP CODE®

ZIP Codes are administrative units established by the United States Postal Service (USPS) for the distribution of mail. ZIP Codes serve addresses for the most efficient delivery of mail, and therefore generally do not respect political or census statistical area boundaries. ZIP Codes usually do not have clearly identifiable boundaries, often serve a continually changing area, are changed periodically to meet postal requirements, and do not cover all the land area of the United States. ZIP Codes are identified by five-digit codes assigned by the USPS. The first three digits identify a major city or sectional distribution center, and the last two digits generally signify a specific post office's delivery area or point. For the 1990 census, ZIP Code data are tabulated for the five-digit codes in STF 3B.

APPENDIX B.

Definitions of Subject Characteristics

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SUBJECT CHARACTERISTICS

LIVING QUARTERS

Living quarters are classified as either housing units or group quarters. (For more information, see the discussion under "Group Quarters.") Usually, living quarters are in structures intended for residential use (for example, a one-family home, apartment house, hotel or motel, boarding house, or mobile home). Living quarters also may be in structures intended for nonresidential use (for example, the rooms in a warehouse where a guard lives), as well as in places such as tents, vans, shelters for the homeless, dormitories, barracks, and old railroad cars.

Housing Units—A housing unit is a house, an apartment, a mobile home or trailer, a group of rooms or a single room occupied as separate living quarters or, if vacant, intended for occupancy as 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 outside 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. 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 recreational vehicles, boats, vans, tents, railroad cars, 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 yards are excluded from the housing inventory.

If the living quarters contain nine or more persons unrelated to the householder or person in charge, (a total of ten unrelated persons), they are classified as group quarters. If the living quarters contain eight or fewer persons unrelated to the householder or person in charge, they are classified as housing units.

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; that is, 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, the count of occupied housing units for 100-percent tabulations is the same as the count of households. In sample tabulations, the counts of household and occupied housing units may vary slightly because of different sample weighting methods.

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. (For more information, see discussion under "Usual Home Elsewhere.")

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; that is, 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 condemned or is to be demolished. 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.

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

If any of the occupants in a rooming or boarding house live and eat separately from others in the building and have direct access, their quarters are classified as separate housing units.

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 group quarters.

Comparability—The first Census of Housing in 1940 established the "dwelling unit" concept. Although the term became "housing unit" and the definition has been modified slightly in succeeding censuses, the 1990 definition is essentially comparable to previous censuses. There was no change in the housing unit definition between 1980 and 1990.

ACREAGE

The data on acreage were obtained from questionnaire items H5a and H19a. Question H5a is asked at all occupied and vacant one-family houses and mobile homes. Question H19a was asked on a sample basis at all occupied and vacant one-family houses and mobile homes.

Question H5a asks whether the house or mobile home is located on a place of 10 or more acres. The intent of this item is to eliminate one-family houses on 10 or more acres from the specified owner- and renter-occupied universes for value and rent tabulations.

Question H19a provides data on whether the unit is located on land of less than 1 acre. The main purpose of this item, in conjunction with question H19b on agricultural sales, is to identify farm units. (For more information, see discussion under "Farm Residence.")

For both items the land may consist of more than one tract or plot. These tracts or plots are usually adjoining; however, they may be separated by a road or creek, or another piece of land.

Comparability—Question H5a is similar as that asked in 1970 and 1980. This item was asked for the first time of mobile home occupants in 1990. Question H19a is an abbreviated form of a question asked at all housing units in 1980. In previous censuses, information on city or suburban lot and number of acres was also obtained.

AGE

The data on age were derived from answers to questionnaire item 5, which was asked of all persons. The age classification is based on the age of the person in completed years as of April 1, 1990. The age response in question 5a was normally used to represent a person's age. However, when the age response was unacceptable or unavailable, a person's age was derived from an acceptable year of birth response in question 5b.

Data on age are used to determine the applicability of other questions for a person and to classify other characteristics in census tabulations. Age data are needed to interpret most social and economic characteristics used to plan and examine many programs and policies. Therefore, age is tabulated by single years of age and by many different groupings, such as 5-year age groups.

Some tabulations are shown by the age of the householder. These data were derived from the age responses for each householder. (For more information on householder, see the discussion under "Household Type and Relationship.")

Median Age—This measure divides the age distribution into two equal parts: one-half of the cases falling below the median value and one-half above the value. Generally, median age is computed on the basis of more detailed age intervals than are shown in some census publications; thus, a median based on a less detailed distribution may differ slightly from a corresponding median for the same population based on a more detailed distribution. (For more information on medians, see the discussion under "Derived Measures.")

Limitation of the Data—Counts in 1970 and 1980 for persons 100 years old and over were substantially overstated. Improvements were made in the questionnaire design, in the allocation procedures, and to the respondent instruction guide to attempt to minimize this problem in 1990.

Review of detailed 1990 information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age as of April 1, 1990. In addition, there may have been a tendency for respondents to round their age up if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger.

For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990 and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990 is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the section below that discusses "Comparability.")

Comparability—Age data have been collected in every census. For the first time since 1950, the 1990 data are not available by quarter year of age. This change was made so that coded information could be obtained for both age and year of birth. In each census since 1940, the age of a person was assigned when it was not reported. In censuses before 1940, with the exception of 1880, persons of unknown age were shown as a separate category. Since 1960, assignment of unknown age has been performed by a general procedure described as "imputation." The specific procedures for imputing age have been different in each census. (For more information on imputation, see Appendix C, Accuracy of the Data.)

AGRICULTURAL SALES

Data on the sales of agricultural crops were obtained from questionnaire item H19b, which was asked on a sample basis at occupied one-family houses and mobile homes located on lots of one acre or more. Data for this item exclude units on lots of less than one acre, units located in structures containing 2 or more units, and all vacant units. This item refers to the total amount (before taxes and expenses) received in 1989 from the sale of crops, vegetables, fruits, nuts, livestock and livestock products, and nursery and forest products, produced on "this property." Respondents new to a unit were asked to estimate total agricultural sales in 1989 even if some portion of the sales had been made by other occupants of the unit.

This item is used mainly to classify housing units as farm or nonfarm residences, not to provide detailed information on the sale of agricultural products. Detailed information on the sale of agricultural products is provided by the Census Bureau's Census of Agriculture (*Factfinder for the Nation: Agricultural Statistics*, Bureau of the Census, 1989). (For more information, see the discussion under "Farm Residence.")

BEDROOMS

The data on bedrooms were obtained from questionnaire item H9, which was asked at both occupied and vacant housing units. This item was asked on a sample respondents to round their age up if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger.

For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990 and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990 is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the section below that discusses "Comparability.")

Comparability—Age data have been collected in every census. For the first time since 1950, the 1990 data are not available by quarter year of age. This change was made so that coded information could be obtained for both age and year of birth. In each census since 1940, the age of a person was assigned when it was not reported. In censuses before 1940, with the exception of 1880, persons of unknown age were shown as a separate category. Since 1960, assignment of unknown age has been performed by a general procedure described as "imputation." The specific procedures for imputing age have been different in each census. (For more information on imputation, see Appendix C, Accuracy of the Data.) basis. The number of bedrooms is the count of rooms designed to be used as bedrooms; that is, the number of rooms that would be listed as bedrooms if the house or apartment were on the market for sale or for rent. Included are all rooms intended to be used as bedrooms even if they currently are being used for some other purpose. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom.

Comparability—Data on bedrooms have been collected in every census since 1960. In 1970 and 1980, data for bedrooms were shown only for year-round units. In past censuses, a room was defined as a bedroom if it was used mainly for sleeping even if also used for other purposes. Rooms that were designed to be used as bedrooms but used mainly for other purposes were not considered to be bedrooms. A distribution of housing units by number of bedrooms calculated from data collected in a 1986 test showed virtually no differences in the two versions except in the two bedroom category, where the previous "use" definition showed a slightly lower proportion of units.

BOARDED-UP STATUS

Boarded-up status was obtained from questionnaire item C2 and was determined for all vacant units. Boarded-up units have windows and doors covered by wood, metal,

or masonry to protect the interior and to prevent entry into the building. A single-unit structure, a unit in a multi-unit structure, or an entire multi-unit structure may be boarded-up in this way. For certain census data products, boarded-up units are shown only for units in the "Other vacant" category. A unit classified as "Usual home elsewhere" can never be boarded up. (For more information, see the discussion under "Usual Home Elsewhere.")

Comparability—This item was first asked in the 1980 census and was shown only for year-round vacant housing units. In 1990, data are shown for all vacant housing units.

BUSINESS ON PROPERTY

The data for business on property were obtained from questionnaire item H5b, which was asked at all occupied and vacant one-family houses and mobile homes. This question is used to exclude owner-occupied one-family on the property with business or medical offices from certain statistics on financial characteristics.

A business must be easily recognizable from the outside. It will usually have a separate outside entrance and have the appearance of a business, such as a grocery store, restaurant, or barbershop. It may be either attached to the house or mobile home or be located elsewhere on the property. Those housing units in which a room is used for business or professional purposes and have no recognizable alterations to the outside are *not* considered as having a business. Medical offices are considered businesses for tabulation purposes.

Comparability—Data on business on property have been collected since 1940.

CONDOMINIUM FEE

The data on condominium fee were obtained from questionnaire item H25, which was asked at owner-occupied condominiums. This item was asked on a sample basis. A condominium fee is normally charged monthly to the owners of the individual condominium units by the condominium owners association to cover operating, maintenance, administrative, and improvement costs of the common property, (grounds, halls, lobby, parking areas, laundry rooms, swimming pool, etc). The costs for utilities and fuels may be included in the condominium fee if the units do not have separate meters.

Data on condominium fees may include real estate tax and/or insurance payments for the common property, but do not include real estate taxes nor fire, hazard, and flood insurance for the individual unit already reported in questions H21 and H22.

Amounts reported are the regular monthly payment, even if they are paid by someone outside the household or remain unpaid. Costs are estimated as closely as possible when exact costs are not known.

The data from this item are added to payments for mortgages (both first and junior mortgages and home equity loans), real estate taxes, fire, hazard, and flood insurance payments, utilities, and fuels to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for condominium owners.

Comparability—This is a new item in 1990.

CONDOMINIUM STATUS

The data on condominium housing units were obtained from questionnaire item H18, which was asked at both occupied and vacant housing units. Condominium is a type of ownership that enables a person to own an apartment or house in a development of similarly owned units and to hold a common or joint ownership in some or all of the common areas and facilities such as land, roof, hallways, entrances, elevators, swimming pool, etc. Condominiums may be single-family houses as well as units in apartment buildings. A condominium unit need not be occupied by the owner to be counted as such. A unit classified as "mobile home or trailer" or "other" (see discussion under "Units in Structure") cannot be a condominium unit.

Limitation of the Data—Testing done prior to the 1980 and 1990 censuses indicated that the number of condominiums may be slightly overstated.

Comparability—In 1970, condominiums were grouped together with cooperative housing units, and the data were reported only for owner-occupied cooperatives and condominiums. Beginning in 1980, the census identified all condominium units and the data were shown for renter-occupied and vacant year-round condominiums as well as owner occupied. In 1970 and 1980, the question on condominiums was asked on a 100-percent basis. In 1990, it was asked on a sample basis.

CONTRACT RENT

The data on contract rent (also referred to as "rent asked" for vacant units) were obtained from questionnaire item H7a, which was asked at all occupied housing units that were rented for cash rent and all vacant housing units that were for rent at the time of enumeration.

Housing units that are renter occupied without payment of cash rent are shown separately as "No cash rent" in census data products. The unit may be owned

by friends or relatives who live elsewhere and who allow occupancy without charge. Rent-free houses or apartments may be provided to compensate caretakers, ministers, tenant farmers, sharecroppers, or others.

Contract rent is the monthly rent agreed to or contracted for, regardless of any furnishings, utilities, fees, meals, or services that may be included. For vacant units, it is the monthly rent asked for the rental unit at the time of enumeration.

If the contract rent includes rent for a business unit or for living quarters occupied by another household, the respondent was instructed to report that part of the rent estimated to be for his or her unit only. 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.

If a renter pays rent to the owner of a condominium or cooperative, and the condominium fee or cooperative carrying charge is also paid by the renter to the owner, the respondent was instructed to include the fee or carrying charge.

If a renter receives payments from lodgers or roomers who are listed as members of the household, the respondent was instructed to report the rent without deduction for any payments received from the lodgers or roomers. The respondent was instructed to report the rent agreed to or contracted for even if paid by someone else such as friends or relatives living elsewhere, or a church or welfare agency.

In some tabulations, contract rent is presented for all renter-occupied housing units, as well as specified renter-occupied and vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude one-family houses and mobile homes on 10 or more acres. (For more information on rent, see the discussion under "Gross Rent.")

Median and Quartile Contract Rent—The median divides the rent distribution into two equal parts. Quartiles divide the rent distribution into four equal parts. In computing median and quartile contract rent, units reported as "No cash rent" are excluded. Median and quartile rent calculations are rounded to the nearest whole dollar. (For more information on medians and quartiles, see the discussion under "Derived Measures.")

Aggregate Contract Rent—To calculate aggregate contract rent, the amount assigned for the category "Less than \$80" is \$50. The amount assigned to the category "\$1,000 or more" is \$1,250. Mean contract rent is rounded to the nearest whole dollar. (For more information on aggregates and means, see the discussion under "Derived Measures.")

Limitation of the Data—In the 1970 and 1980 censuses, contract rent for vacant units had high allocation rates, about 35 percent.

Comparability—Data on this item have been collected since 1930. For 1990, quartiles were added because the range of rents and values in the United States has increased in recent years. Upper and lower quartiles can be used to note large rent and value differences among various geographic areas.

DURATION OF VACANCY

The data for duration of vacancy (also referred to as “months vacant”) were obtained from questionnaire item D, which was completed by census enumerators. The statistics on duration of vacancy refer to the length of time (in months and years) between the date the last occupants moved from the unit and the time of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant.

For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed. Units occupied by an entire household with a usual home elsewhere are assigned to the “Less than 1 month” interval.

Comparability—Similar data have been collected since 1960. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units.

FARM POPULATION

The farm population consists of persons in households living in farm residences. Some persons who are counted on a property classified as a farm (including in some cases farm workers) are excluded from the farm population. Such persons include those who reside in multi-unit buildings or group quarters.

The data on farm residence were obtained from questionnaire items H19a and H19b. An occupied one-family house or mobile home is classified as a farm residence if (1) the housing unit is located on a property of one acre or more, and (2) at least \$1,000 worth of agricultural products were sold from the property in 1989. Group quarters and housing units that are in multi-unit buildings or vacant are not included as farm residences.

A one-family unit occupied by a tenant household paying cash rent for land and buildings is enumerated as a farm residence only if sales of agricultural products from its yard (as opposed to the general property on which it is located) amounted to at least \$1,000 in 1989. A one-family unit occupied by a tenant household that does not pay cash rent is enumerated as a farm residence if the remainder of the farm (including its yard) qualifies as a farm.

Farm residence is provided as an independent data item only for housing units located in rural areas. It may be derived for housing units in urban areas from the data items on acreage and sales of agricultural products on the public-use microdata samples (PUMS).

Comparability—These are the same criteria that were used to define a farm residence in 1980. In 1960 and 1970, a farm was defined as a place of 10 or more acres with at least \$50 worth of agricultural sales or a place of less than 10 acres with at least \$250 worth of agricultural sales. Earlier censuses used other definitions. Note that the definition of a farm residence differs from the definition of a farm in the Census of Agriculture (*Factfinder for the Nation: Agricultural Statistics*, Bureau of the Census, 1989).

GROUP QUARTERS

All persons not living in households are classified by the Census Bureau as living in group quarters. Two general categories of persons in group quarters are recognized: (1) institutionalized persons and (2) other persons in group quarters (also referred to as “noninstitutional group quarters”). Information on the housing characteristics of group quarters was not collected in the census.

Institutionalized Persons—Includes persons under formally authorized, supervised care or custody in institutions at the time of enumeration. Such persons are classified as “patients or inmates” of an institution regardless of the availability of nursing or medical care, the length of stay, or the number of persons in the institution. Generally, institutionalized persons are restricted to the institutional buildings and grounds (or must have passes or escorts to leave) and thus have limited interaction with the surrounding community. Also, they are generally under the care of trained staff who have responsibility for their safekeeping and supervision.

Institutions include schools, hospitals, or wards for the physically or mentally handicapped; hospitals or wards for mental, tubercular, or chronic disease patients; wards in general and military hospitals for patients who have no usual home elsewhere; hospital wards for drug/ alcohol abuse; rooms for long-term care patients in wards or buildings on the grounds of hospitals, nursing homes, convalescent homes, and rest homes for the aged and dependent; juvenile institutions, including homes, schools, hospitals, orphanages, or residential-care facilities for neglected, abused, and dependent children; and correctional institutions, including halfway houses operated for correctional purposes. “Staff residents”; that is, staff personnel who live at the institution are classified with the “Noninstitutional group quarters” population.

Other Persons in Group Quarters (also referred to as “noninstitutional group quarters”)—Includes all persons who live in group quarters other than institutions. Persons who live in the following living quarters are classified as “other persons in group quarters” when there are 10 or more unrelated persons living in the unit; otherwise, these living quarters are classified as housing units.

- Rooming Houses
- Group Homes
- Religious Group Quarters
- College Quarters Off Campus

Persons residing in certain other types of living arrangements are classified as living in “noninstitutional group quarters” regardless of the number of people sharing the unit. These include persons residing in the following types of group quarters:

- College Dormitories
- Military Quarters
- Agriculture Workers’ Dormitories
- Other Workers’ Dormitories
- Emergency Shelters for Homeless Persons (with sleeping facilities)
- Visible in Street Locations
- Dormitories for Nurses and Interns in General and Military Hospitals
- Crews of Maritime Vessels
- Staff Residents of Institutions
- Other Nonhousehold Living Situations
- Living Quarters for Victims of Natural Disasters

Comparability—For the 1990 census, the definition of institutionalized persons was revised so that the definition of “care” only includes persons under organized medical or formally-authorized, supervised care or custody. As a result of this change to the institutional definition, maternity homes are classified as noninstitutional rather than institutional group quarters as in previous censuses. The following types of other group quarters are classified as institutional rather than noninstitutional group quarters: “halfway houses (operated for correctional purposes)” and “wards in general and military hospitals for patients who have no usual home elsewhere,” which includes maternity, neonatal, pediatric, military, and surgical wards of hospitals, other-purpose wards of hospitals, and wards for persons with

infectious diseases. These changes should not significantly affect the comparability of data with earlier censuses because of the relatively small number of persons involved.

As in 1980, 10 or more unrelated persons living together were classified as living in noninstitutional group quarters. In 1970, the criteria was six or more unrelated persons.

In 1990 census data products, the phrase “inmates of institutions” was changed to “institutionalized persons.” Also, persons living in noninstitutional group quarters were referred to as “other persons in group quarters,” and the phrase “staff residents” was used for staff living in institutions. (For more information on “Group Quarters,” see 1990 CP-1, *General Population Characteristics*.)

GROSS RENT

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). 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 utilities and fuels are reported on a yearly basis but are converted to monthly figures for the tabulations. Renter units occupied without payment of cash rent are shown separately as “No cash rent” in the tabulations. Gross rent is calculated on a sample basis.

Comparability—Data on gross rent have been collected since 1940 for renter-occupied housing units. In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

Gross rent as a percentage of household income in 1989 is a computed ratio of monthly gross rent to monthly household income (total household income in 1989 divided by 12). The ratio was computed separately for each unit and was rounded to the nearest whole percentage. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss in 1989 comprise the category “Not computed.” This item is calculated on a sample basis.

HISPANIC ORIGIN

The data on Spanish/Hispanic origin were derived from answers to questionnaire item 7, which was asked of all persons. Persons of Hispanic origin are those who

classified themselves in one of the specific Hispanic origin categories listed on the questionnaire—"Mexican," "Puerto Rican," or "Cuban"—as well as those who indicated that they were of "other Spanish/Hispanic" origin. Persons of "Other Spanish/Hispanic" origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, or the Dominican Republic, or they are persons of Hispanic origin identifying themselves generally as Spanish, Spanish-American, Hispanic, Hispano, Latino, and so on. Write-in responses to the "other Spanish/Hispanic" category were coded only for sample data.

Origin can be viewed as the ancestry, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. Persons of Hispanic origin may be of any race.

Some tabulations are shown by the Hispanic origin of the householder. In all cases where households, families, or occupied housing units are classified by Hispanic origin, the Hispanic origin of the householder is used. (See the discussion of householder under "Household Type and Relationship.")

During direct interviews conducted by enumerators, if a person could not provide a single origin response, he or she was asked to select, based on self-identification, the group which best described his or her origin or descent. If a person could not provide a single group, the origin of the person's mother was used. If a single group could not be provided for the person's mother, the first origin reported by the person was used.

If any household member failed to respond to the Spanish/Hispanic origin question, a response was assigned by the computer according to the reported entries of other household members by using specific rules of precedence of household relationship. In the processing of sample questionnaires, responses to other questions on the questionnaire, such as ancestry and place of birth, were used to assign an origin before any reference was made to the origin reported by other household members. If an origin was not entered for any household member, an origin was assigned from another household according to the race of the householder. This procedure is a variation of the general imputation process described in Appendix C, Accuracy of the Data.

Comparability—There may be differences between the data on Hispanic origin of the householder based on 100-percent tabulations and sample tabulations. Such differences are the result of sampling variability, non-sampling error, and more extensive edit procedures for the Spanish/Hispanic origin item on the sample questionnaires. (For more information on sampling variability and nonsampling error, see Appendix C, Accuracy of the Data.)

The 1990 data on Hispanic origin of the householder are generally comparable with those for the 1980 census. However, there are some differences in the format

of the Hispanic origin question between the two censuses. For 1990, the word "descent" was deleted from the 1980 wording. In addition, the term "Mexican-Amer." used in 1980 was shortened further to "Mexican-Am." to reduce misreporting (of "American") in this category detected in the 1980 census. Also, the 1990 question allowed those who reported as "other Spanish/Hispanic" to write in their specific Hispanic origin group. Misreporting in the "Mexican-Amer." category of the 1980 census item on Spanish/Hispanic origin may affect the comparability of 1980 and 1990 census data for persons of Hispanic origin for certain areas of the country. (For more information on "Hispanic Origin," see 1990 CP-1, *General Population Characteristics*.)

HOUSE HEATING FUEL

The data on house heating fuel were obtained from questionnaire item H14, which was asked at occupied housing units. This item was asked on a sample basis. The data show the type of fuel used most to heat the house or apartment.

Utility Gas—Includes gas piped through underground pipes from a central system to serve the neighborhood.

Bottled, Tank, or LP Gas—Includes liquid propane gas stored in bottles or tanks which are refilled or exchanged when empty.

Fuel Oil, Kerosene, Etc.—Includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids.

Wood—Includes purchased wood, wood cut by household members on their property or elsewhere, driftwood, sawmill or construction scraps, or the like.

Solar Energy—Includes heat provided by sunlight which is collected, stored, and actively distributed to most of the rooms.

Other Fuel—Includes all other fuels not specified elsewhere.

No Fuel Used—Includes units that do not use any fuel or that do not have heating equipment.

Comparability—Data on house heating fuel have been collected since 1940. The category, "Solar energy" is new for 1990.

HOUSEHOLD TYPE AND RELATIONSHIP

Household

A household includes all the persons who occupy a housing unit. A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room that is

occupied (or if vacant, is intended for occupancy) as 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.

In 100-percent tabulations, the count of households or householders always equals the count of occupied housing units. In sample tabulations, the numbers may differ as a result of the weighting process.

Persons Per Household—A measure obtained by dividing the number of persons in households by the number of households (or householders). In cases where persons in households are cross-classified by race or Hispanic origin, persons in the household are classified by the race or Hispanic origin of the householder rather than the race or Hispanic origin of each individual.

Relationship to Householder

Householder—The data on relationship to householder were derived from answers to questionnaire item 2, which was asked of all persons in housing units. 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, being bought, 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 15 years old and over could be designated as the householder.

Households are classified by type according to the sex of the householder and the presence of relatives. Two types of householders are distinguished: a family householder and a nonfamily householder. A family householder is a householder living with one or more persons related to him or her by birth, marriage, or adoption. The householder and all persons in the household related to him or her are family members. A nonfamily householder is a householder living alone or with nonrelatives only.

Spouse—Includes a person married to and living with a householder. This category includes persons in formal marriages, as well as persons in common-law marriages.

The number of spouses is equal to the number of “married-couple families” or “married-couple households” in 100-percent tabulations. The number of spouses, however, is generally less than half of the number of “married persons with spouse present” in sample tabulations, since more than one married couple can live in a household, but only spouses of householders are specifically identified as “spouse.” For sample tabulations, the number of “married persons with spouse present” includes married-couple subfamilies and married-couple families.

Child—Includes a son or daughter by birth, a stepchild, or adopted child of the householder, regardless of the child’s age or marital status. The category excludes sons-in-law, daughters-in-law, and foster children.

Own Child—A never-married child under 18 years who is a son or daughter by birth, a stepchild, or an adopted child of the householder. In certain tabulations, own children are further classified as living with two parents or with one parent only. Own children of the householder living with two parents are by definition found only in married-couple families.

“Related children” in a family include own children and all other persons under 18 years of age in the household, regardless of marital status, who are related to the householder, except the spouse of the householder. Foster children are not included since they are not related to the householder.

Other Relatives—In tabulations, includes any household member related to the householder by birth, marriage, or adoption, but not included specifically in another relationship category.

Nonrelatives—Includes any household member, including foster children not related to the householder by birth, marriage, or adoption.

When relationship is not reported for an individual, it is imputed according to the responses for age, sex, and marital status for that person while maintaining consistency with responses for other individuals in the household. (For more information on imputation, see Appendix C, Accuracy of the Data.)

Unrelated Individual

An unrelated individual is: (1) a householder living alone or with nonrelatives only, (2) a household member who is not related to the householder, or (3) a person living in group quarters who is not an inmate of an institution.

Family Type

A family consists of a householder and one or more other persons living in the same household who are related to the householder by birth, marriage, or adoption. All persons in a household who are related to the householder are regarded as members of his or her family. A household can contain only one family for purposes of census tabulations. Not all households contain families since a household may comprise a group of unrelated persons or one person living alone.

Families are classified by type as either a “married-couple family” or “other family” according to the sex of the householder and the presence of relatives. The data on family type are based on answers to questions on sex and relationship which were asked on a 100-percent basis.

Married-Couple Family—A family in which the householder and his or her spouse are enumerated as members of the same household.

Other Family:

Male Householder, No Wife Present—A family with a male householder and no spouse of householder present.

Female Householder, No Husband Present—A family with a female householder and no spouse of householder present.

Persons Per Family—A measure obtained by dividing the number of persons in families by the total number of families (or family householders). In cases where the measure, “persons in family” or “persons per family” are cross-tabulated by race or Hispanic origin, the race or Hispanic origin refers to the householder rather than the race or Hispanic origin of each individual.

Comparability—The 1990 definition of a household is the same as that used in 1980. The 1980 relationship category “Son/daughter” has been replaced by two categories, “Natural-born or adopted son/daughter” and “Stepson/stepdaughter.” “Grandchild” has been added as a separate category. The 1980 nonrelative categories: “Roomer, boarder” and “Partner, roommate” have been replaced by the categories “Roomer, boarder, or foster child,” “Housemate, roommate,” and “Unmarried partner.” The 1980 nonrelative category “Paid employee” has been dropped.

INCOME IN 1989

The data on income in 1989 were derived from answers to questionnaire items 32 and 33. Information on money income received in the calendar year 1989 was requested from persons 15 years old and over. “Total income” is the algebraic sum of the amounts reported separately for wage or salary income; net nonfarm self-employment income; net farm self-employment income; interest, dividend, or net rental or royalty income; Social Security or railroad retirement income; public assistance or welfare income; retirement or disability income; and all other income.

Receipts from the following sources are not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income “in kind” from food stamps, public housing subsidies, medical care, employer contributions for persons, 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.

Income of Households—Includes the income of the householder and all other persons 15 years old and over in the household, whether related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income.

Median Income—The median divides the income distribution into two equal parts, one having incomes above the median and the other having incomes below the median. For households, the median income is based on the distribution of the total number of units including those with no income. The median income values for all households are computed on the basis of more detailed income intervals than shown in most tabulations. Median household income figures of \$50,000 or less are calculated using linear interpolation. All other median income amounts are derived through Pareto interpolation. (For more information on medians and interpolation, see the discussion under “Derived Measures.”)

Mean Income—This is the amount obtained by dividing the total income of a particular statistical universe by the number of units in that universe. Thus, mean household income is obtained by dividing total household income by the total number of households. For the various types of income the means are based on households having those types of income.

Care should be exercised in using and interpreting mean income values for small subgroups of the population. Because the mean is influenced strongly by extreme values in the distribution, it is especially susceptible to the effects of sampling variability, misreporting, and processing errors. The median, which is not affected by extreme values, is, therefore, a better measure than the mean when the population base is small. The mean, nevertheless, is shown in some data products for most small subgroups because, when weighted according to the number of cases, the means can be added to obtained summary measures for areas and groups other than those shown in census tabulations.

Limitation of the Data—Since questionnaire entries for income frequently are based on memory and not on records, many persons tended to forget minor or irregular sources of income and, therefore, underreport their income. Underreporting tends to be more pronounced for income sources that are not derived from earnings, such as Social Security, public assistance, or from interest, dividends, and net rental income.

There are errors of reporting due to the misunderstanding of the income questions such as reporting gross rather than net dollar amounts for the two questions on net self-employment income, which resulted in an overstatement of these items. Another common error is the reporting of identical dollar amounts in two of

the eight type of income items where a respondent with only one source of income assumed that the second amount should be entered to represent total income. Such instances of overreporting had an impact on the level of mean nonfarm or farm self-employment income and mean total income published for the various geographical subdivisions of the State.

In income tabulations for households, the lowest income group (e.g., less than \$5,000) includes units that were classified as having no 1989 income. Many of these were living on income "in kind," savings, or gifts, were newly created families, or families in which the sole breadwinner had recently died or left the household. However, many of the households that reported no income probably had some money income which was not recorded in the census.

Comparability—The income data collected in the 1980 and 1970 censuses are similar to the 1990 census data, but there are variations in the detail of the questions. In 1980, income information for 1979 was collected from persons in approximately 19 percent of all housing units and group quarters. Each person was required to report:

- Wage or salary income
- Net nonfarm self-employment income
- Net farm self-employment income
- Interest, dividend, or net rental or royalty income
- Social Security income
- Public assistance income
- Income from all other sources

Between the 1980 and 1990 censuses, there were minor differences in the processing of the data. In both censuses, all persons with missing values in one or more of the detailed type of income items *and* total income were designated as allocated. Each missing entry was imputed either as a "no" or as a dollar amount. If total income was reported *and* one or more of the type of income fields was not answered, then the entry in total income generally was assigned to one of the income types according to the socioeconomic characteristics of the income recipient. This person was designated as unallocated.

In 1980 and 1990, all nonrespondents with income not reported (whether heads of households or other persons) were assigned the reported income of persons with similar characteristics. (For more information on imputation, see Appendix C, "Accuracy of the Data.")

For several reasons, the income data shown in census tabulations are not directly comparable with those that may be obtained from statistical summaries of income tax returns. Income, as defined for Federal

tax purposes, differs somewhat from the Census Bureau concept. (For more detailed information on "Income in 1989," see 1990 CP-2, *Social and Economic Characteristics*.)

INSURANCE FOR FIRE, HAZARD, AND FLOOD

The data for fire, hazard, and flood insurance were obtained from questionnaire item H22, which was asked at owner-occupied one-family houses, condominiums, and mobile homes. The statistics for this item refer to the annual premium for fire, hazard, and flood insurance on the property (land and buildings); that is, policies that protect the property and its contents against loss due to damage by fire, lightning, winds, hail, flood, explosion, and so on.

Liability policies are included only if they are paid with the fire, hazard, and flood insurance premiums and the amounts for fire, hazard, and flood cannot be separated. Premiums are included even if paid by someone outside the household or remain unpaid. When premiums are paid on other than a yearly basis, the premiums are converted to a yearly basis.

The payment for fire, hazard, and flood insurance is added to payments for real estate taxes, utilities, fuels, and mortgages (both first and junior mortgages and home equity loans) to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989."

A separate question (H23d) determines whether insurance premiums are included in the mortgage payment to the lender(s). This makes it possible to avoid counting these premiums twice in the computations.

Comparability—Data on payment for fire and hazard insurance were collected for the first time in 1980. Flood insurance was not specifically mentioned in the wording of the question in 1980. The question was asked only at owner-occupied one-family houses. Excluded were mobile homes, condominiums, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the question was asked of all one-family owner-occupied houses, including houses on 10 or more acres. It was also asked at mobile homes, condominiums, and one-family houses with a business or medical office on the property.

KITCHEN FACILITIES

Data on kitchen facilities were obtained from questionnaire item H11, which was asked at both occupied and vacant housing units. A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range, cook top and convection or microwave oven, or cookstove, and (3) a refrigerator. All kitchen facilities must be located in the

structure. They need not be in the same room. Portable cooking equipment is not considered a range or cook-stove. An ice box is not considered to be a refrigerator.

Comparability—Data on complete kitchen facilities were collected for the first time in 1970. Earlier censuses collected data on individual components, such as kitchen sink and type of refrigeration equipment. In 1970 and 1980, data for kitchen facilities were shown only for year-round units.

MARITAL STATUS

The data on marital status were derived from answers to questionnaire item 6, which was asked of all persons. The marital status classification refers to the status at the time of enumeration. Data on marital status are tabulated only for persons 15 years old and over.

All persons were asked whether they were “now married,” “widowed,” “divorced,” “separated,” or “never married.” Couples who live together (unmarried persons, persons in common-law marriages) were allowed to report the marital status they considered the most appropriate.

When marital status was not reported, it was imputed according to the relationship to the householder and sex and age of the person. (For more information on imputation, see Appendix C, Accuracy of the Data.)

Comparability—The 1990 marital status definitions are the same as those used in 1980 with the exception of the term “never married” which replaces the term “single” in tabulations. A general marital status question has been asked in every census since 1880.

MEALS INCLUDED IN RENT

The data on meals included in the rent were obtained from questionnaire item H7b, which was asked of all occupied housing units that were rented for cash and all vacant housing units that were for rent at the time of enumeration.

The statistics on meals included in rent are presented for specified renter-occupied and specified vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude one-family houses on 10 or more acres. (For more information, see the discussion under “Contract Rent.”)

Comparability—This is a new item in 1990. It is intended to measure “congregate” housing which is generally considered to be housing units where the rent includes meals and other services, such as transportation and recreation.

MOBILE HOME COSTS

The data on mobile home costs were obtained from questionnaire item H26, which was asked at owner-occupied mobile homes. This item was asked on a sample basis.

These data include the total yearly costs for personal property taxes, land or site rent, registration fees, and license fees on all owner-occupied mobile homes. The instructions are to not include real estate taxes already reported in question H21.

Costs are estimated as closely as possible when exact costs are not known. Amounts are the total for an entire 12-month billing period, even if they are paid by someone outside the household or remain unpaid.

The data from this item are added to payments for mortgages, real estate taxes, fire, hazard, and flood insurance payments, utilities, and fuels to derive selected monthly owner costs for mobile homes owners.

Comparability—This item is new for 1990.

MORTGAGE PAYMENT

The data on mortgage payment were obtained from questionnaire item H23b, which was asked at owner occupied one-family houses, condominiums, and mobile homes. This item was asked on a sample basis. Question H23b provides the regular monthly amount required to be paid the lender for the first mortgage (deed of trust, contract to purchase, or similar debt) on the property. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of “Selected Monthly Owner Costs” and “Selected Monthly Owner Costs as a Percentage of Household Income in 1989” for units with a mortgage.

The amounts reported include everything paid to the lender including principal and interest payments, real estate taxes, fire, hazard, and flood insurance payments, and mortgage insurance premiums. Separate questions determine whether real estate taxes and fire, hazard, or flood insurance payments are included in the mortgage payment to the lender. This makes it possible to avoid counting these components twice in the computation of “Selected Monthly Owner Costs.”

Comparability—Information on mortgage payment was collected for the first time in 1980. It was collected only at owner-occupied one-family houses. Excluded were mobile homes, condominiums, houses with a business or medical office on the property, one-family houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the questions on monthly mortgage payments were asked of all owner-occupied one-family

houses, including one-family houses on 10 or more acres. They were also asked at mobile homes, condominiums, and one-family houses with a business or medical office.

The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from a single question. Two questions were used in 1990; one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages or home equity loans. (For more information, see the discussion under "Second or Junior Mortgage Payment.")

MORTGAGE STATUS

The data on mortgage status were obtained from questionnaire items H23a and H24a, which were asked at owner-occupied one-family houses, condominiums, and mobile homes. "Mortgage" refers to all forms of debt where the property is pledged as security for repayment of the debt. It includes such debt instruments as deeds of trust, trust deeds, contracts to purchase, land contracts, junior mortgages and home equity loans.

A mortgage is considered a first mortgage if it has prior claim over any other mortgage, or if it is the only mortgage on the property. All other mortgages, (second, third, etc.) are considered junior mortgages. A home equity loan is generally a junior mortgage. If no first mortgage is reported, but a junior mortgage or home equity loan is reported, then the loan is considered a first mortgage.

In most census data products, the tabulations for "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" are usually shown separately for units "with a mortgage" and for units "not mortgaged." The category "not mortgaged" is comprised of housing units owned free and clear of debt.

Comparability—A question on mortgage status was included in the 1940 and 1950 censuses, but not in the 1960 and 1970 censuses. The item was reinstated in 1980 along with a separate question dealing with the existence of second or junior mortgages. In 1980, the mortgage status questions were asked at owner-occupied one-family houses on less than 10 acres. Excluded were mobile homes, condominiums, houses with a business or medical office, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the questions were asked of all one-family owner-occupied housing units, including houses on 10 or more acres. They were also asked at mobile homes, condominiums, and houses with a business or medical office.

PERSONS IN UNIT

This item is based on the 100-percent count of persons in occupied housing units. All persons occupying the housing unit are counted, including the householder, occupants related to the householder and lodgers, roomers, boarders, and so forth.

The data on "persons in unit" show the number of housing units occupied by the specified number of persons. The phrase "persons in unit" is used for housing tabulations, "persons in households" for population items. Figures for "persons in unit" match those for "persons in household" for 100-percent data products. In sample products, they may differ because of the weighting process.

Median Persons in Unit—In computing median persons in unit, a whole number is used as the midpoint of an interval; thus, a unit with 4 persons is treated as an interval ranging from 3.5 to 4.5 persons. Median persons is rounded to the nearest hundredth. (For more information on medians, see the discussion under "Derived Measures.")

Persons in Occupied Housing Units—This is the total population minus 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.

PERSONS PER ROOM

"Persons per room" is 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.

Mean Persons Per Room—This is computed by dividing persons in housing units by the aggregate number of rooms. This is intended to provide a measure of utilization. A higher mean may indicate a greater degree of utilization or crowding; a low mean may indicate underutilization. (For more information on means, see the discussion under "Derived Measures.")

PLUMBING FACILITIES

The data on plumbing facilities were obtained from questionnaire item H10, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Complete plumbing facilities include hot and cold piped water, a flush toilet, and a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities are not present.

Comparability—The 1990 data on complete plumbing facilities are not strictly comparable with the 1980 data. In 1980, complete plumbing facilities were defined as hot and cold piped water, a bathtub or shower, and a flush toilet in the housing unit for the exclusive use of

the residents of that unit. In 1990, the Census Bureau dropped the requirement of exclusive use from the definition of complete plumbing facilities. Of the 2.3 million year-round housing units classified in 1980 as lacking complete plumbing for exclusive use, approximately 25 percent of these units had complete plumbing but the facilities were also used by members of another household. From 1940 to 1970, separate and more detailed questions were asked on piped water, bathing, and toilet facilities. In 1970 and 1980, the data on plumbing facilities were shown only for year-round units.

POVERTY STATUS IN 1989

The data on poverty status of households were derived from answers to the same questions as the income data. This item was asked on a sample basis. Households are classified below the poverty level when the total 1989 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria; size of family, number of children, and age of the family householder or unrelated individual. (For more information, on "Poverty Status in 1989" and "Income in 1989," see 1990 CP-2, *Social and Economic Characteristics*.)

RACE

The data on race were derived from answers to questionnaire item 4, which was asked of all persons. The concept of race as used by the Census Bureau reflects self-identification; it does not denote any clear-cut scientific definition of biological stock. The data for race represent self-classification by people according to the race with which they most closely identify. Furthermore, it is recognized that the categories of the race item include both racial and national origin or socio-cultural groups.

During direct interviews conducted by enumerators, if a person could not provide a single response to the race question, he or she was asked to select, based on self-identification, the group which best described his or her racial identity. If a person could not provide a single race response, the race of the mother was used. If a single race response could not be provided for the person's mother, the first race reported by the person was used. In all cases where occupied housing units, households, or families are classified by race, the race of the householder was used.

The racial classification used by the Census Bureau generally adheres to the guidelines in Federal Statistical Directive No. 15, issued by the Office of Management and Budget, which provides standards on ethnic and

racial categories for statistical reporting to be used by all Federal agencies. In this report, data are presented for housing units classified by the race of the householder. The racial categories used in the 1990 census data products are provided below.

White—Includes persons who indicated their race as "White" or reported entries such as Canadian, German, Italian, Lebanese, Near Easterner, Arab, or Polish.

Black—Includes persons who indicated their race as "Black or Negro" or reported entries such as African American, Afro-American, Black Puerto Rican, Jamaican, Nigerian, West Indian, or Haitian.

American Indian, Eskimo, or Aleut—Includes persons who classified themselves as such in one of the specific race categories identified below.

American Indian—Includes persons who indicated their race as "American Indian," entered the name of an Indian tribe, or reported such entries as Canadian Indian, French-American Indian, or Spanish-American Indian.

Eskimo—Includes persons who indicated their race as "Eskimo" or reported entries such as Arctic Slope, Inupiat, and Yupik.

Aleut—Includes persons who indicated their race as "Aleut" or reported entries such as Alutiiq, Egegik, and Pribilovian.

Asian or Pacific Islander—Includes persons who reported in one of the Asian or Pacific Islander groups listed on the questionnaire or who provided write-in responses such as Thai, Nepali, or Tongan. A more detailed listing of the groups comprising the Asian or Pacific Islander population is presented in figure 1 below. In some data products, information is presented separately for the Asian population and the Pacific Islander population.

Asian—Includes "Chinese," "Filipino," "Japanese," "Asian Indian," "Korean," "Vietnamese," and "Other Asian." In some tables, "Other Asian" may not be shown separately, but is included in the total Asian population.

Chinese—Includes persons who indicated their race as "Chinese" or who identified themselves as Cantonese, Tibetan, or Chinese American. In standard census reports, persons who reported as "Taiwanese" or "Formosan" are included here with Chinese.

In special reports on the Asian or Pacific Islander population, information on persons who identified themselves as Taiwanese are shown separately.

Filipino—Includes persons who indicated their race as “Filipino” or reported entries such as Philipino, Philippine, or Filipino American.

Japanese—Includes persons who indicated their race as “Japanese” and persons who identified themselves as Nipponese or Japanese American.

Asian Indian—Includes persons who indicated their race as “Asian Indian” and persons who identified themselves as Bengalese, Bharat, Dravidian, East Indian, or Goanese.

Korean—Includes persons who indicated their race as “Korean” and persons who identified themselves as Korean American.

Vietnamese—Includes persons who indicated their race as “Vietnamese” and persons who identified themselves as Vietnamese American.

Cambodian—Includes persons who provided a write-in response such as Cambodian or Cambodia.

Hmong—Includes persons who provided a write-in response such as Hmong, Laohmong, or Mong.

Laotian—Includes persons who provided a write-in response such as Laotian, Laos, or Lao.

Thai—Includes persons who provided a write-in response such as Thai, Thailand, or Siamese.

Other Asian—Includes persons who provided a write-in response of Bangladeshi, Burmese, Indonesian, Pakistani, Sri Lankan, Amerasian, or Eurasian. See figure 1 for other groups comprising “Other Asian.”

Pacific Islander—Includes persons who indicated their race as “Pacific Islander” by classifying themselves into one of the following race categories or identifying themselves as one of the Pacific Islander cultural groups of Polynesian, Micronesian, or Melanesian.

Hawaiian—Includes persons who indicated their race as “Hawaiian” as well as persons who identified themselves as Part Hawaiian or Native Hawaiian.

Samoan—Includes persons who indicated their race as “Samoan” or persons who identified themselves as American Samoan or Western Samoan.

Guamanian—Includes persons who indicated their race as “Guamanian” or persons who identified themselves as Chamorro or Guam.

Other Pacific Islander—Includes persons who provided a write-in response of a Pacific Islander group such as Tahitian, Northern Mariana Islander, Palauan, Fijian, or a cultural group such as Polynesian, Micronesian, or Melanesian. See figure 1 for other groups comprising “Other Pacific Islander.”

Other Race—Includes all other persons not included in the “White,” “Black,” “American Indian, Eskimo, or Aleut,” and the “Asian or Pacific Islander” race categories described above. Persons reporting in the “Other race” category and providing write-in entries such as multiracial, multiethnic, mixed, interracial, Wesort, or a Spanish/ Hispanic origin group (such as Mexican, Cuban, or Puerto Rican) are included here.

Written entries to three categories on the race item—“Indian (Amer.),” “Other Asian or Pacific Islander (API),” and “Other race”—were reviewed, edited, and coded by subject matter specialists. (For more information on the coding operation, see the section below that discusses “Comparability.”)

If the race entry for a member of a household was missing on the questionnaire, race was assigned based upon the reported entries of race by other household members using specific rules of precedence of household relationship. For example, if race was missing for the daughter of the householder, then the race of her mother (as female householder or female spouse) would be assigned. If there was no female householder or spouse in the household, the daughter would be assigned her father’s (male householder) race. If race was not reported for anyone in the household, the race of a householder in a previously processed household was assigned. This procedure is a variation of the general imputation procedures described in Appendix C, Accuracy of the Data.

Limitation of the Data—In the 1990 census, respondents sometimes did not fill in a circle or filled the “Other race” circle and wrote in a response, such as Arab, Polish, or African American in the shared write-in box for “Other race” and “Other API” responses. During the automated coding process, these responses were edited and assigned to the appropriate racial designation. Also, some Hispanic origin persons did not fill in a circle, but provided entries such as Mexican or Puerto Rican. These persons were classified in the “Other race” category during the coding and editing process. Since sample processing included additional editing, there may be some minor differences between sample data and 100-percent data.

Comparability—Differences between the 1990 census and earlier censuses affect the comparability of data for certain racial groups. The 1990 census was the first census to undertake, on a 100-percent basis, an automated review, edit, and coding operation for written responses to the race item. The automated coding system used in the 1990 census greatly reduced the potential for error associated with a clerical review. Specialists with a thorough knowledge of the race subject matter reviewed, edited, coded, and resolved inconsistent or incomplete responses. In the 1980 census, there was only a limited clerical review of the race responses on the 100-percent forms with a full clerical review conducted only on the sample questionnaires.

Another major difference between the 1990 and preceding censuses is the handling of the write-in responses for the Asian or Pacific Islander populations. In addition to the nine Asian or Pacific Islander categories shown on the questionnaire under the spanner "Asian or Pacific Islander (API)," the 1990 census race item provided a new residual category, "Other API," for Asian or Pacific Islander persons who did not report in one of the listed Asian or Pacific Islander groups. During the coding operation, write-in responses for "Other API" were reviewed, coded, and assigned to the appropriate classification. For example, in 1990, a write-in entry of Laotian, Thai, or Javanese is classified as "Other Asian," while a write-in entry of Tongan or Fijian is classified as "Other Pacific Islander."

In the 1980 census, the nine Asian or Pacific Islander groups were also listed separately. However, persons not belonging to these nine groups wrote in their specific racial group under the "Other" race category. Persons with a written entry such as Laotian, Thai, or Tongan, were tabulated and published as "Other race" in the 100-percent processing operation in 1980, but were reclassified as "Other Asian and Pacific Islander" in 1980 sample tabulations. In 1980 special reports on the Asian or Pacific Islander populations, data were shown separately for "Other Asian" and "Other Pacific Islander."

Another difference between the 1990 and preceding censuses is the approach taken when persons of Spanish/Hispanic origin did not report in a specific race category but reported as "Other race" or "Other." These persons commonly provided a write-in entry such as Mexican, Venezuelan, or Latino. In the 1990 and 1980 censuses, these entries remained in the "Other race" or "Other" category, respectively. In the 1970 census, most of these persons were included in the "White" category. (For more information on "Race," see 1990 CP-1, *General Population Characteristics*.)

Figure 1. Asian or Pacific Islander Groups Reported in the 1990 Census

Asian	Pacific Islander
Chinese	Hawaiian
Filipino	Samoan
Japanese	Guamanian
Asian Indian	Other Pacific Islander ¹
Korean	Carolinian
Vietnamese	Fijian
Cambodian	Kosraean
Hmong	Melanesian ³
Laotian	Micronesian ³
Thai	Northern Mariana Islander
Other Asian ¹	Palauan
Bangladeshi	Papua New Guinean
Bhutanese	Ponapean (Pohnpeian)
Borneo	Polynesian ³
Burmese	Solomon Islander
Celebesian	Tahitian
Ceram	Tarawa Islander
Indochinese	Tokelauan
Indonesian	Tongan
Iwo-Jiman	Trukese (Chuukese)
Javanese	Yapese
Malayan	Pacific Islander, not specified
Maldivian	
Nepali	
Okinawan	
Pakistani	
Sikkim	
Singaporean	
Sri Lankan	
Sumatran	
Asian, not specified ²	

¹In some data products, specific groups listed under "Other Asian" or "Other Pacific Islander" are shown separately. Groups not shown are tabulated as "All other Asian" or "All other Pacific Islander," respectively.

²Includes entries such as Asian American, Asian, Asiatic, Amerasian, and Eurasian.

³Polynesian, Micronesian, and Melanesian are Pacific Islander cultural groups.

REAL ESTATE TAXES

The data on real estate taxes were obtained from questionnaire item H21, which was asked at owner-occupied one-family houses, condominiums, and mobile homes. The statistics from this question refer to the total amount of all real estate taxes on the entire property (land and buildings) payable in 1989 to all taxing jurisdictions, including special assessments, school taxes, county taxes, and so forth.

Real estate taxes include state, local, and all other real estate taxes even if delinquent, unpaid, or paid by someone who is not a member of the household. However, taxes due from prior years are not included. If taxes are paid on other than a yearly basis, the payments are converted to a yearly basis.

The payment for real estate taxes is added to payments for fire, hazard, and flood insurance, utilities, fuels, and mortgages (both first and junior mortgages and home equity loans) to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989." A separate

question (H23c) determines whether real estate taxes are included in the mortgage payment to the lender(s). This makes it possible to avoid counting taxes twice in the computations.

Comparability—Data for real estate taxes were collected for the first time in 1980. The question was asked only at owner-occupied one-family houses. Excluded were mobile homes or trailers, condominiums, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the question was asked of all one-family owner-occupied houses, including houses on 10 or more acres. It was also asked at mobile homes, condominiums, and one-family houses with a business or medical office on the property.

ROOMS

The data on rooms were obtained from questionnaire item H3, which was asked at both occupied and vacant housing units. The statistics on rooms are in terms of the number of housing units with a specified number of rooms. The intent of this question is to count the number of whole rooms used for living purposes.

For each unit, rooms 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 or foyers, 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, but not if the partition consists solely of shelves or cabinets.

Median Rooms—This measure divides the room distribution into two equal parts, one-half of the cases falling below the median number of rooms and one-half above the median. In computing median rooms, the whole number is used as the midpoint of the interval; thus, the category "3 rooms" is treated as an interval ranging from 2.5 to 3.5 rooms. Median rooms is rounded to the nearest tenth. (For more information on medians, see the discussion under "Derived Measures.")

Aggregate Rooms—To calculate aggregate rooms, an arbitrary value of "10" is assigned to rooms for units falling within the terminal category, "9 or more." (For more information on aggregates and means, see the discussion under "Derived Measures.")

Comparability—Data on rooms have been collected since 1940. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units.

SECOND OR JUNIOR MORTGAGE PAYMENT

The data on second or junior mortgage payments were obtained from questionnaire items H24a and H24b, which were asked at owner-occupied one-family houses, condominiums, and mobile homes. Question H24a asks whether a second and junior mortgage or a home equity loan exists on the property. Question H24b provides the regular monthly amount required to be paid to the lender on all second or junior mortgages and home equity loans. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for units with a mortgage.

All mortgages other than first mortgages are classified as "junior" mortgages. A second mortgage is a junior mortgage which gives the lender a claim against the property which is second to the claim of the holder of the first mortgage. Any other junior mortgage(s) would be subordinate to the second mortgage. A home equity loan is a line of credit available to the borrower that is secured by real estate. It may be placed on a property that already has a first or second mortgage, or it may be placed on a property that is owned free and clear.

If the respondents answered that no first mortgage existed, but a second mortgage did (as in the above case with a home equity loan), computer edit assigned the unit a first mortgage and made the first monthly mortgage payment the amount reported in the second mortgage. The second mortgage data were then made "No" in question H24a and blank in question H24b.

Comparability—The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from one single question. Two questions were used in 1990; one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages and home equity loans.

SELECTED MONTHLY OWNER COSTS

The data on selected monthly owner costs were obtained from questionnaire items H20 through H26 for owner-occupied one-family houses, condominiums, and mobile homes. Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, contracts to purchase, or similar debts on the property (including payments for the first mortgage, second or junior mortgages, and home equity loans); real estate taxes; fire, hazard, and flood insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). It also includes, where appropriate, the monthly condominium fee for condominiums and mobile home costs (personal property taxes, site rent, registration fees, and license fees) for mobile homes.

In certain tabulations, selected monthly owner costs are presented separately for specified owner-occupied housing units (owner-occupied one-family houses on less than 10 acres without a business or medical office on the property), owner-occupied condominiums, and owner-occupied mobile homes. Data are usually shown separately for units "with a mortgage" and for units "not mortgaged."

Median Selected Monthly Owner Costs—This measure is rounded to the nearest whole dollar.

Comparability—The components of selected monthly owner costs were collected for the first time in 1980. The 1990 tabulations of selected monthly owner costs for specified owner-occupied housing units are virtually identical to 1980, the primary difference was the amounts of the first and second mortgages were collected in separate questions in 1990, while the amounts were collected in a single question in 1980. The component parts of the item were tabulated for mobile homes and condominiums for the first time in 1990.

In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

The information on selected monthly owner costs as a percentage of household income in 1989 is the computed ratio of selected monthly owner costs to monthly household income in 1989. The ratio was computed separately for each unit and rounded to the nearest whole percentage. The data are tabulated separately for specified owner-occupied units, condominiums, and mobile homes.

Separate distributions are often shown for units "with a mortgage" and for units "not mortgaged." Units occupied by households reporting no income or a net loss in 1989 are included in the "not computed" category. (For more information, see the discussion under "Selected Monthly Owner Costs.")

Comparability—The components of selected monthly owner costs were collected for the first time in 1980. The tabulations of "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for specified owner-occupied housing units are comparable to 1980.

SEWAGE DISPOSAL

The data on sewage disposal were obtained from questionnaire item H16, which was asked at both occupied and vacant housing units. This item was asked on

a sample basis. 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. 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.

Comparability—Data on sewage disposal have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units.

SEX

The data on sex were derived from answers to questionnaire item 3, which was asked of all persons. For most cases in which sex was not reported, it was determined by the appropriate entry from the person's given name and household relationship. Otherwise, sex was imputed according to the relationship to the householder and the age and marital status of the person. (For more information on imputation, see Appendix C, Accuracy of the Data.)

Comparability—A question on the sex of individuals has been asked of the total population in every census.

SOURCE OF WATER

The data on source of water were obtained from questionnaire item H15, which was asked at both occupied and vacant housing units. Housing units may receive their water supply from a number of sources. A common source supplying water to five 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 five or more housing units. If the water is supplied from a well serving four or fewer housing units, the units are classified as having water supplied by either an "Individual drilled well" or an "Individual dug well." Drilled wells or small diameter wells are usually less than 1-1/2 feet in diameter. Dug wells are usually larger than 1-1/2 feet wide and generally hand dug. The category, "Some other source" includes water obtained from springs, creeks, rivers, lakes, cisterns, etc.

Comparability—Data on source of water have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units.

TELEPHONE IN HOUSING UNIT

The data on telephones were obtained from questionnaire item H12, which was asked at occupied housing units. This item was asked on a sample basis. A

telephone must be inside the house or apartment for the unit to be classified as having a telephone. Units where the respondent uses a telephone located inside the building but not in the respondent's living quarters are classified as having no telephone.

Comparability—Data on telephones in 1980 are comparable to 1990. The 1960 and 1970 censuses collected data on telephone availability. A unit was classified as having a telephone available if there was a telephone number on which occupants of the unit could be reached. The telephone could have been in another unit, in a common hall, or outside the building.

TENURE

The data for tenure were obtained from questionnaire item H4, which was asked at all occupied housing units. All occupied housing units are classified as either owner occupied or renter occupied.

Owner Occupied—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. The owner or co-owner must live in the unit and usually is the person listed in column 1 of the questionnaire. The unit is "Owned by you or someone in this household with a mortgage or loan" if it is being purchased with a mortgage or some other debt arrangement such as a deed of trust, trust deed, contract to purchase, land contract, or purchase agreement. The unit is also considered owned with a mortgage if it is built on leased land and there is a mortgage on the unit.

A housing unit is "Owned by you or someone in this household free and clear (without a mortgage)" if there is no mortgage or other similar debt on the house, apartment, or mobile home including units built on leased land if the unit is owned outright without a mortgage. Although owner-occupied units are divided between mortgaged and owned free and clear on the questionnaire, census data products containing 100-percent data show only total owner-occupied counts. More extensive mortgage information is collected from the long-form questionnaire and is shown in census products containing sample data. (For more information, see the discussion under "Mortgage Status.")

Renter Occupied—All occupied housing units which are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied. "No cash rent" units are separately identified in the rent tabulations. Such units are generally provided free by friends or relatives or in exchange for services such as resident manager, caretaker, minister, or tenant farmer. Housing units on military bases also are classified in the "No cash rent" category. "Rented for cash rent" includes units in

continuing care, sometimes called life care arrangements. These arrangements usually involve a contract between one or more individuals and a health services provider guaranteeing the individual shelter, usually a house or apartment, and services, such as meals or transportation to shopping or recreation.

Comparability—Data on tenure have been collected since 1890. In 1970, the question on tenure also included a category for condominium and cooperative ownership. In 1980, condominium units and cooperatives were dropped from the tenure item, and since 1980, only condominium units are identified in a separate question.

For 1990, the response categories were expanded to allow the respondent to report whether the unit was owned with a mortgage or free and clear (without a mortgage). The distinction between units owned with a mortgage and units owned free and clear was added in 1990 to improve the count of owner-occupied units. Research after the 1980 census indicated some respondents did not consider their units owned if they had a mortgage.

UNITS IN STRUCTURE

The data on units in structure (also referred to as "type of structure") were obtained from questionnaire item H2, which was asked at all housing units. A structure is a separate building that either has open spaces on all sides or is separated from other structures by dividing walls that extend from ground to roof. In determining the number of units in a structure, all housing units, both occupied and vacant, are counted. Stores or office space are excluded.

The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings.

1-Unit, Detached—This is a 1-unit structure detached from any other house; that is, with open space on all four sides. Such structures are considered detached even if they have an adjoining shed or garage. A one-family house which contains a business is considered detached as long as the building has open space on all four sides. Mobile homes or trailers to which one or more permanent rooms have been added or built are also included.

1-Unit, Attached—This is a 1-unit structure which has one or more walls extending from ground to roof separating it from adjoining structures. In row houses (sometimes called townhouses), double houses, or houses attached to nonresidential structures, each house is a separate, attached structure if the dividing or common wall goes from ground to roof.

2 or More Units—These are units in structures containing 2 or more housing units, further categorized as units in structures with 2, 3 or 4, 5 to 9, 10 to 19, 20 to 49, and 50 or more units.

Mobile Home or Trailer—Both occupied and vacant mobile homes to which no permanent rooms have been added are counted in this category. Mobile homes or trailers used only for business purposes or for extra sleeping space and mobile homes or trailers for sale on a dealer's lot, at the factory, or in storage are not counted in the housing inventory.

Other—This category is for any living quarters occupied as a housing unit that does not fit the previous categories. Examples that fit this category are houseboats, railroad cars, campers, and vans.

Comparability—Data on units in structure have been collected since 1940 and on mobile homes and trailers since 1950. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units. In 1980, the data were collected on a sample basis. The category, "Boat, tent, van, etc." was replaced in 1990 by the category "Other." In some areas, the proportion of units classified as "Other" is far larger than the number of units that were classified as "Boat, tent, van, etc." in 1980.

USUAL HOME ELSEWHERE

The data for usual home elsewhere are obtained from questionnaire item B, which was completed by census employees. A housing unit temporarily occupied at the time of enumeration entirely by persons with a usual residence elsewhere is classified as vacant. The occupants are classified as having a "Usual home elsewhere" and are counted at the address of their usual place of residence. Typical examples are people in a vacation home, persons renting living quarters temporarily for work, and migrant workers.

Limitation of the Data—Evidence from previous censuses suggests that in some areas enumerators marked units as "vacant—usual home elsewhere" when they should have marked "vacant—regular."

Comparability—Data for usual home elsewhere was tabulated for the first time in 1980.

UTILITIES

The data on utility costs were obtained from questionnaire items H20a through H20d, which were asked of occupied housing units. These items were asked on a sample basis.

Questions H20a through H20d asked for the yearly cost of utilities (electricity, gas, water) and other fuels (oil, wood, kerosene, etc.). For the tabulations, these yearly amounts are divided by 12 to derive the average monthly cost and are then included in the computation of "Gross Rent," "Gross Rent as a Percentage of Household Income in 1989," "Selected Monthly Owner Costs," and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989."

Costs are recorded if paid by or billed to occupants, a welfare agency, relatives, or friends. Costs that are paid by landlords, included in the rent payment, or included in condominium or cooperative fees are excluded.

Limitation of the Data—Research has shown that respondents tended to overstate their expenses for electricity and gas when compared to utility company records. There is some evidence that this overstatement is reduced when yearly costs are asked rather than monthly costs. Caution should be exercised in using these data for direct analysis because costs are not reported for certain kinds of units such as renter-occupied units with all utilities included in the rent and owner-occupied condominium units with utilities included in the condominium fee.

Comparability—The data on utility costs have been collected since 1980 for owner-occupied housing units, and since 1940 for renter-occupied housing units. In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

VACANCY STATUS

The data on vacancy status were obtained from questionnaire item C1, which was completed by census enumerators. Vacancy status and other characteristics of vacant units were determined by enumerators obtaining information from landlords, owners, neighbors, rental agents, and others. Vacant units are subdivided according to their housing market classification as follows:

For Rent—These are vacant units offered "for rent," and vacant units offered either "for rent" or "for sale."

For Sale Only—These are vacant units being offered "for sale only," including units in cooperatives and condominium projects if the individual units are offered "for sale only."

Rented or Sold, Not Occupied—If any money rent has been paid or agreed upon but the new renter has not moved in as of the date of enumeration, or if the unit has recently been sold but the new owner has not yet moved in, the vacant unit is classified as "rented or sold, not occupied."

For Seasonal, Recreational, or Occasional Use—These are vacant units used or intended for use only in certain seasons or for weekend or other occasional use throughout the year.

Seasonal units include those used for summer or winter sports or recreation, such as beach cottages and hunting cabins. Seasonal units may also include quarters for such workers as herders and loggers. Interval ownership units, sometimes called shared ownership or time-sharing condominiums, also are included here.

For Migrant Workers—These include vacant units intended for occupancy by migratory workers employed in farm work during the crop season. (Work in a cannery, a freezer plant, or a food processing plant is not farm work.)

Other Vacant—If a vacant unit does not fall into any of the classifications specified above, it is classified as “other vacant.” For example, this category includes units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

Homeowner Vacancy Rate—This is the percentage relationship between the number of vacant units for sale and the total homeowner inventory. It is computed by dividing the number of vacant units for sale only by the sum of the owner-occupied units and the number of vacant units that are for sale only.

Rental Vacancy Rate—This is the percentage relationship of the number of vacant units for rent to the total rental inventory. It is computed by dividing the number of vacant units for rent by the sum of the renter-occupied units and the number of vacant units for rent.

Comparability—Data on vacancy status have been collected since 1940. For 1990, the category, “seasonal/ recreational/ occasional use” combined vacant units classified in 1980 as “seasonal or migratory” and “held for occasional use.” Also, in 1970 and 1980, housing characteristics were generally presented only for year-round units. In 1990, housing characteristics are shown for all housing units.

VALUE

The data on value (also referred to as “price asked” for vacant units) were obtained from questionnaire item H6, which was asked at housing units that were owned, being bought, or vacant for sale at the time of enumeration. Value is the respondent’s estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale. If the house or mobile home is owned or being bought, but the land on which it sits is not, the respondent was asked to estimate the combined value of the house or mobile home and the land. For vacant units, value is the price asked for the property.

Value is tabulated separately for all owner-occupied and vacant-for-sale housing units, owner-occupied and vacant-for-sale mobile homes or trailers, and specified owner-occupied and specified vacant-for-sale housing units. Specified owner-occupied and specified vacant-for-sale housing units include only one-family houses on less than 10 acres without a business or medical office on the property. The data for “specified” units exclude mobile homes, houses with a business or medical office, houses on 10 or more acres, and housing units in multi-unit buildings.

Median and Quartile Value—The median divides the value distribution into two equal parts. Quartiles divide the value distribution into four equal parts. These measures are rounded to the nearest hundred dollars. (For more information on medians and quartiles, see the discussion under “Derived Measures.”)

Aggregate Value—To calculate aggregate value, the amount assigned for the category “Less than \$10,000” is \$9,000. The amount assigned to the category “\$500,000 or more” is \$600,000. Mean value is rounded to the nearest hundred dollars. (For more information on aggregates and means, see the discussion under “Derived Measures.”)

Comparability—In 1980, value was asked only at owner-occupied or vacant-for-sale one-family houses on less than 10 acres with no business or medical office on the property and at all owner-occupied or vacant-for-sale condominium housing units. Mobile homes were excluded. Value data were presented for specified owner-occupied housing units, specified vacant-for-sale-only housing units, and owner-occupied condominium housing units.

In 1990, the question was asked at all owner-occupied or vacant-for-sale-only housing units with no exclusions. Data presented for specified owner-occupied and specified vacant-for-sale-only housing units will include one-family condominium houses but not condominiums in multi-unit structures since condominium units are now identified only in long-form questionnaires.

For 1990, quartiles have been added because the range of values and rents in the United States has increased in recent years. Upper and lower quartiles can be used to note large value and rent differences among various geographic areas.

VEHICLES AVAILABLE

The data on vehicles available were obtained from questionnaire item H13, which was asked at occupied housing units. This item was asked on a sample basis. These data show the number of households with a specified number of passenger cars, vans, pickup or panel trucks of one-ton capacity or less kept at home and available for the use of household members. Vehicles rented or leased for one month or more, company vehicles, and police and government vehicles are included

if kept at home and used for nonbusiness purposes. Dismantled or immobile vehicles are excluded. Vehicles kept at home but used only for business purposes are also excluded.

Vehicles Per Household—This is computed by dividing aggregate vehicles available by the number of occupied housing units.

Limitation of the Data—The 1980 census evaluations showed that the number of automobiles was slightly overreported; the number of vans and trucks slightly underreported. The statistics do not measure the number of vehicles privately owned or the number of households owning vehicles.

Comparability—Data on automobiles available were collected from 1960 to 1980. In 1980, a separate question was also asked on the number of trucks and vans. The data on automobiles and trucks and vans were presented separately and also as a combined vehicles available tabulation. The 1990 data are comparable to the 1980 vehicles available tabulations.

YEAR HOUSEHOLDER MOVED INTO UNIT

The data on year householder moved into unit were obtained from questionnaire item H8, which was asked at occupied housing units. This item was asked on a sample basis. These data refer to the year of the latest move by the householder. If a householder moved back into a housing unit he or she previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another within the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year that the householder moved in is not necessarily the same year other members of the household moved, although in the great majority of cases an entire household moves at the same time.

Comparability—In 1960 and 1970, this question was asked of every person and included in population reports. This item in housing tabulations refers to the year the household head moved in. In 1980 and 1990, the question was asked only of the householder.

YEAR STRUCTURE BUILT

The data on year structure built were obtained from questionnaire item H17, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Data on year structure built refer to when the building was first constructed, not when it was remodeled, added to, or converted. For housing units under construction which met the housing unit definition; that is, all exterior windows, doors, and final usable floors were in place, the category “1989 or March 1990” was used. For a houseboat or mobile home or

trailer, the manufacturer's model year was assumed to be the year built. The figures shown in census data products relate to the number of units built during the specified periods and are still in existence at the time of enumeration.

Median Year Structure Built—The median divides the distribution into two equal parts. The median is rounded to the nearest calendar year. Median age of housing can be obtained by subtracting median year structure built from 1990. For example, if the median year structure built is 1957, the median age of housing in that area is 33 years (1990 minus 1957).

Limitation of the Data—Data on year structure built are more susceptible to errors of response and nonreporting than data on many other items since respondents must rely on their memory or on estimates of persons who have lived in the neighborhood a long time. Available evidence indicates there is underreporting in the older year structure built categories, especially “Built in 1939 or earlier.” The introduction of the “Don't know” category (see below the discussion on “Comparability”) may result in relatively higher allocation rates. Data users should refer to the discussion in Appendix C, Accuracy of the Data and to the allocation tables.

Comparability—Data on year structure built were collected for the first time in the 1940 census. Since then, the response categories have been modified to accommodate the 10-year period between each census. In 1990, the category, “Don't Know” was added in an effort to minimize the response error mentioned in the paragraph above on limitation of the data.

DERIVED MEASURES

Census data products include various derived measures such as medians, means, and percentages, as well as certain rates and ratios. Derived measures which round to less than 0.1 are not shown but indicated as zero. In printed reports, zero is indicated by showing a dash (–).

Interpolation

Interpolation is frequently used in calculating medians or quartiles based on interval data and in approximating standard errors from tables. Linear interpolation is used to estimate values of a function between two known values. “Pareto interpolation” is an alternative to linear interpolation. It is used by the Census Bureau in calculating median income within intervals wider than \$2,500. In Pareto interpolation, the logarithm of the median is derived by interpolating between the logarithms of the upper and lower income limits of the median category.

Mean

This measure represents an arithmetic average of a set of values. It is derived by dividing the sum of a group of numerical items (or aggregate) by the total number of

items. Aggregates are used in computing mean values. For example, mean family income is obtained by dividing the aggregate of all income reported by persons in families by the total number of families. (Additional information on means and aggregates is included in the separate explanations of many population and housing subjects.)

Median

This measure represents the middle value in a distribution. The median divides the total frequency into two equal parts: one-half of the cases fall below the median and one-half of the cases exceed the median. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in specific census publications and other data products.

In reports, if the median falls within the upper interval of an open-ended distribution, the median is shown as the initial value of the interval followed by a plus sign (+), or if within the lower interval, the median is shown as the upper value of the category followed by a minus sign (-). For summary tape files, if the median falls within the upper or lower interval, it is set to a specified value. (Additional information on medians is included in the separate explanations of many population and housing subjects.)

Percentages, Rates, and Ratios

These measures are frequently presented in census products and are used to compare two numbers or two sets of measurements. These comparisons are made in two ways: (1) subtraction which provides an absolute measure of the difference between two items and (2) the quotient of two numbers which provides a relative measure of difference.

Quartile

This measure divides a distribution into four equal parts. The first quartile (or lower quartile) is the value that defines the upper limit of the lowest one-quarter of the cases. The second quartile is the median. The third quartile (or upper quartile) defines the lower limit of the upper one-quarter of the cases in the distribution. The difference between the upper and lower quartiles is called the interquartile range. This interquartile range is less affected by wide variations than is the mean. Quartiles are presented for certain financial characteristics such as housing value and rent.

APPENDIX C. Accuracy of the Data

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INTRODUCTION

The data contained in this data product are based on the 1990 census sample. The data are estimates of the actual figures that would have been obtained from a complete count. Estimates derived from a sample are expected to be different from the 100-percent figures because they are subject to sampling and nonsampling errors. Sampling error in data arises from the selection of persons and housing units to be included in the sample. Nonsampling error affects both sample and 100-percent data, and is introduced as a result of errors that may occur during the collection and processing phases of the census. Provided below is a detailed discussion of both types of errors and a description of the estimation procedures.

SAMPLE DESIGN

Every person and housing unit in the United States was asked certain basic demographic and housing questions (for example, race, age, marital status, housing value, or rent). A sample of these persons and housing units was asked more detailed questions about such items as income, occupation, and housing costs in addition to the basic demographic and housing information. The primary sampling unit for the 1990 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Persons in group quarters were sampled at a 1-in-6 rate.

The sample designation method depended on the data collection procedures. Approximately 95 percent of the population was enumerated by the mailback procedure. In these areas, the Bureau of the Census either purchased a commercial mailing list, which was updated by the United States Postal Service and 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 the appropriate units were electronically designated as sample units. The questionnaires were either mailed or hand-delivered to the addresses with instructions to complete and mail back the form.

Housing units in governmental units with a precensus (1988) estimated population of fewer than 2,500 persons were sampled at 1-in-2. Governmental units were defined for sampling purposes as all incorporated places, all counties, all county equivalents such as parishes in Louisiana, and all minor civil divisions in Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin. Housing units in census tracts and block numbering areas (BNA's) with a precensus housing unit count below 2,000 housing units were sampled at 1-in-6 for those portions not in small governmental units (governmental units with a population less than 2,500). Housing units within census tracts and BNA's with 2,000 or more housing units were sampled at 1-in-8 for those portions not in small governmental units.

In list/ enumerate areas (about 5 percent of the population), each enumerator was given a blank address register with designated sample lines. Beginning about Census Day, the enumerator systematically canvassed an assigned area and listed all housing units in the address register in the order they were encountered. Completed questionnaires, including sample information for any housing unit listed on a designated sample line, were collected. For all governmental units with fewer than 2,500 persons in list/ enumerate areas, a 1-in-2 sampling rate was used. All other list/ enumerate areas were sampled at 1-in-6.

Housing units in American Indian reservations, tribal jurisdiction statistical areas, and Alaska Native villages were sampled according to the same criteria as other governmental units, except the sampling rates were based on the size of the American Indian and Alaska Native population in those areas as measured in the 1980 census. Trust lands were sampled at the same rate as their associated American Indian reservations. Census designated places in Hawaii were sampled at the same rate as governmental units because the Census Bureau does not recognize incorporated places in Hawaii.

The purpose of using variable sampling rates was to provide relatively more reliable estimates for small areas and decrease respondent burden in more densely populated areas while maintaining data reliability. When all sampling rates were taken into account across the Nation, approximately one out of every six housing units in the Nation was included in the 1990 census sample.

CONFIDENTIALITY OF THE DATA

To maintain the confidentiality required by law (Title 13, United States Code), the Bureau of the Census applies a confidentiality edit to the 1990 census data to assure that

published data do not disclose information about specific individuals, households, or housing units. As a result, a small amount of uncertainty is introduced into the estimates of census characteristics. The sample itself provides adequate protection for most areas for which sample data are published since the resulting data are estimates of the actual counts; however, small areas require more protection. The edit is controlled so that the basic structure of the data is preserved.

The confidentiality edit is implemented by selecting a small subset of individual households from the internal sample data files and blanking a subset of the data items on these household records. Responses to those data items were then imputed using the same imputation procedures that were used for nonresponse. A larger subset of households is selected for the confidentiality edit for small areas to provide greater protection for these areas. The editing process is implemented in such a way that the quality and usefulness of the data were preserved.

ERRORS IN THE DATA

Since statistics in this data product are based on a sample, they may differ somewhat from 100-percent 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 sample estimate also would differ from other samples of housing units, persons within those housing units, and persons living in group quarters. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a sample estimate is a measure of the variation among the estimates from all 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. Described below is the method of calculating standard errors and confidence intervals for the data in this product.

In addition to the variability which arises from the sampling procedures, both sample data and 100-percent data are subject to nonsampling error. Nonsampling error may be introduced during any of the various 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 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 100-percent 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 tend to be understated for the higher income categories and overstated for the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through C in this appendix contain the information necessary to calculate the standard errors of sample estimates in this data product. To calculate the standard error, it is necessary to know the basic standard error for the characteristic (given in table A or B) that would result under a simple random sample design (of persons, households, or housing units) and estimation technique; the design factor for the particular characteristic estimated (given in table C); and the number of persons or housing units in the tabulation area and the percent of these in the sample. For machine-readable products, the percent-in-sample is included in a data matrix on the file for each tabulation area. In printed reports, the percent-in-sample is provided in data tables at the end of the statistical tables that compose the report. The design factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1990 census.

The steps given below should be used to calculate the standard error of an estimate of a total or a percentage contained in this product. A percentage is defined here as a ratio of a numerator to a denominator where the numerator is a subset of the denominator. For example, the proportion of Black teachers is the ratio of Black teachers to all teachers.

1. Obtain the standard error from table A or B (or use the formula given below the table) for the estimated total or percentage, respectively.
2. Find the geographic area to which the estimate applies in the appropriate percent-in-sample table or appropriate matrix, and obtain the person or housing unit "percent-in-sample" figure for this area. Use the person "percent-in-sample" figure for person and family characteristics. Use the housing unit "percent-in-sample" figure for housing unit characteristics.
3. Use table C to obtain the design factor for the characteristic (for example, employment status, school enrollment) and the range that contains the percent-in-sample with which you are working. Multiply the basic standard error by this factor.

The unadjusted standard errors of zero estimates or of very small estimated totals or percentages will 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. Nevertheless, these estimated totals and percentages still are subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate. For estimated percentages that are less than 2 or greater than 98, use the basic 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 a basic standard error of 16.

An illustration of the use of the tables is given in the section entitled "Use of Tables to Compute Standard Errors."

Sums and Differences—The standard errors estimated from these tables are not directly applicable to sums of and differences between two sample estimates. To estimate the standard error of a sum or difference, the tables are to be used somewhat differently in the following three situations:

1. For the sum of or difference between a sample estimate and a 100-percent value, use the standard error of the sample estimate. The complete count value is not subject to sampling error.
2. For the sum of or difference between 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:

$$SE_{\hat{X}} \text{ and } SE_{\hat{Y}} \text{ of estimates } \hat{X} \text{ and } \hat{Y}$$

$$SE_{\hat{X} \pm \hat{Y}} = \sqrt{SE_{\hat{X}}^2 + SE_{\hat{Y}}^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively) correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or from a census sample and another survey. The standard error for estimates not based on the 1990 census sample must be obtained from an appropriate source outside of this appendix.

3. For the differences 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. For example, to determine the estimate of non-Black teachers, one may subtract the estimate of Black teachers from the estimate of total teachers. To determine the standard error of the estimate of non-Black teachers apply the above formula directly.

Ratios—Frequently, the statistic of interest is the ratio of two variables, where the numerator is not a subset of the

denominator. For example, the ratio of teachers to students in public elementary schools. The standard error of the ratio between two sample estimates is estimated as follows:

1. If the ratio is a proportion, then follow the procedure outlined for "Totals and Percentages."
2. If the ratio is not a proportion, then approximate the standard error using the formula below.

$$SE_{\hat{X}/\hat{Y}} = \frac{\sqrt{SE_{\hat{X}}^2 + SE_{\hat{Y}}^2}}{\hat{Y}}$$

Medians—For the standard error of the 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. 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, continue cumulating frequencies 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.

When interpolation is required in the upper open-ended interval of a distribution to obtain a confidence bound, use 1.5 times the lower limit of the open-ended confidence interval as the upper limit of the open-ended interval.

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 1990 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;

2. Approximately 90 percent of the intervals from 1.645 times the estimated standard error below the estimate to 1.645 times the estimated standard error above the estimate would contain the average result from all possible samples.
3. 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, 90 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 of confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the 100-percent value).

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

The estimated standard errors given in this appendix 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, 90, or 95 percent). Thus, some care must be exercised in the interpretation of the data in this data product based on the estimated standard errors.

A standard sampling theory text should be helpful if the user needs more information about confidence intervals and nonsampling errors.

Use of Tables to Compute Standard Errors

The following is a hypothetical example of how to compute a standard error of a total and a percentage. Suppose a particular data table shows that for City A 9,948 persons out of all 15,888 persons age 16 years and over were in the civilian labor force. The percent-in-sample

table lists City A with a percent-in-sample of 16.0 percent (Persons column). The column in table C which includes 16.0 percent-in-sample shows the design factor to be 1.1 for "Employment status."

The basic standard error for the estimated total 9,948 may be obtained from table A or from the formula given below table A. In order to avoid interpolation, the use of the formula will be demonstrated here. Suppose that the total population of City A was 21,220. The formula for the basic standard error, SE, is

$$SE_{9,948} = \sqrt{\frac{9,948 \times 1.1}{21,220}}$$

$$= 163 \text{ persons.}$$

The standard error of the estimated 9,948 persons 16 years and over who were in the civilian labor force is found by multiplying the basic standard error 163 by the design factor, 1.1 from table C. This yields an estimated standard error of 179 for the total number of persons 16 years and over in City A who were in the civilian labor force.

The estimated percent of persons 16 years and over who were in the civilian labor force in City A is 62.6. From table B, the unadjusted standard error is found to be approximately 0.85 percentage points. The standard error for the estimated 62.6 percent of persons 16 years and over who were in the civilian labor force is $0.85 \times 1.1 = 0.94$ percentage points.

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 two decimal places when the estimated standard error is one percentage point (i.e., 1.00) or more.

In the previous example, the standard error of the 9,948 persons 16 years and over in City A who were in the civilian labor force was found to be 179. Thus, a 90 percent confidence interval for this estimated total is found to be:

$$9,948 \pm 1.645 \times 179 \text{ to } 9,948 \pm 1.645 \times 179$$

or

$$9,654 \text{ to } 10,242$$

One can say, with about 90 percent confidence, that this interval includes the value that would have been obtained by averaging the results from all possible samples.

The following is an illustration of the calculation of standard errors and confidence intervals when a difference between two sample estimates is obtained. For example, suppose the number of persons in City B age 16 years and over who were in the civilian labor force was 9,314 and the total number of persons 16 years and over was 16,666. Further suppose the population of City B was 25,225. Thus, the estimated percentage of persons 16 years and over who were in the civilian labor force is 55.9 percent. The unadjusted standard error determined using the formula provided at the bottom of table B is 0.86

percentage points. We find that City B had a percent-in-sample of 15.7. The range which includes 15.7 percent-in-sample in table C shows the design factor to be 1.1 for "Employment Status." Thus, the approximate standard error of the percentage (55.9 percent) is $0.86 \times 1.1 = 0.95$ percentage points.

Now suppose that one wished to obtain the standard error of the difference between City A and City B of the percentages of persons who were 16 years and over and who were in the civilian labor force. The difference in the percentages of interest for the two cities is:

$$62.6 - 55.9 = 6.7 \text{ percent.}$$

Using the results of the previous example:

$$\begin{aligned} SE_{\$6.7} &= \sqrt{\$SE_{\$62.6}^2 + \$SE_{\$55.9}^2} = \sqrt{\$0.94^2 + \$0.95^2} \\ &= 1.34 \text{ percentage points} \end{aligned}$$

The 90 percent confidence interval for the difference is formed as before:

$$\begin{aligned} \$6.70 \pm 1.645(1.34) &\$ \$6.70 \pm 1.645(1.34) \\ \text{or} \\ 4.50 &\text{ to } 8.90 \end{aligned}$$

One can say with 90 percent confidence that the interval includes the difference that would have been obtained by averaging the results from all possible samples.

For reasonably large samples, ratio estimates are normally distributed, particularly for the census population. Therefore, if we can calculate the standard error of a ratio estimate then we can form a confidence interval around the ratio. Suppose that one wished to obtain the standard error of the ratio of the estimate of persons who were 16 years and over and who were in the civilian labor force in City A to the estimate of persons who were 16 years and over and who were in the civilian labor force in City B. The ratio of the two estimates of interest is:

$$\begin{aligned} 9948 / 9314 &= 1.07 \\ SE_{\$1.07} &= \$ \frac{9948}{9314} \cdot \$ \frac{\sqrt{179^2 + 188^2}}{\$9948^2 + \$9314^2} \\ &= .029 \end{aligned}$$

Using the results above, the 90 percent confidence interval for this ratio would be:

$$\begin{aligned} \$1.07 \pm 1.645(.029) &\$ \$1.07 \pm 1.645(.029) \\ \text{or} \\ 1.02 &\text{ to } 1.12 \end{aligned}$$

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure (iterative proportional fitting) resulting 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 possessing the characteristic in the tabulation area. Estimates of family or household characteristics were based on the weight assigned to the family member designated as householder. 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 6, all characteristics of that person or housing unit would be tabulated with the weight of 6. The estimation procedure, however, did assign weights varying 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 generally were formed of contiguous geographic units which agreed closely with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas never crossed State or county boundaries. In small counties with a sample count below 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 four stages. For persons, the first stage applied 17 household-type groups. The second stage used two groups: sampling rate of 1-in-2; sampling rate less than 1-in-2. The third stage used the dichotomy householders/ nonhouseholders. The fourth stage applied 180 aggregate age-sex-race-Hispanic origin categories. 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 through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 through 8 or more persons in housing unit
	Persons in Group Quarters
17	Persons in Group Quarters

STAGE II: SAMPLING RATES

1	Sampling rate of 1-in-2
2	Sampling rate less than 1-in-2

STAGE III: HOUSEHOLDER/ NONHOUSEHOLDER

- 1 Householder
- 2 Nonhouseholder

STAGE IV: AGE/ SEX/ RACE/ HISPANIC ORIGIN

Group	White
	Persons of Hispanic Origin
	Male
1	0 to 4 years
2	5 to 14 years
3	15 to 19 years
4	20 to 24 years
5	25 to 34 years
6	35 to 54 years
7	55 to 64 years
8	65 to 74 years
9	75 years and over
	Female
10-18	Same age categories as groups 1 through 9.
	Persons Not of Hispanic Origin
19-36	Same sex and age categories as groups 1 through 18.
	Black
37-72	Same age/ sex/ Hispanic origin categories as groups 1 through 36.
	Asian or Pacific Islander
73-108	Same age/ sex/ Hispanic origin categories as groups 1 through 36.
	American Indian, Eskimo, or Aleut
109-144	Same age/ sex/ Hispanic origin categories as groups 1 through 36.
	Other Race (includes those races not listed above)
145-180	Same age/ sex/ Hispanic origin categories as groups 1 through 36.

Within a weighting area, the first step in the estimation procedure was to assign an initial weight to each sample person record. 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, prior to iterative proportional fitting, was to combine categories in each of the four estimation stages, when needed to increase the reliability of the ratio estimation procedure. For each stage, any group that did not meet certain criteria for the unweighted sample count or for the ratio of the 100-percent 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 fourth stage, an additional criterion concerning the number of complete count persons in each race/ Hispanic origin category was applied.

As the final step, the initial weights underwent four stages of ratio adjustment applying the grouping procedures described 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. Next, at stage III, the stage II weights were adjusted by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. Finally, at stage IV, the stage III weights were adjusted by the ratio of the complete census count to the sum of the stage III weights for sample persons in each stage IV group. The four stages of ratio adjustment were performed two times (two iterations) in the order given above. The weights obtained from the second iteration for stage IV 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 of the persons in a particular group was 7.25 then 1/4 of the sample persons in this group were randomly assigned a weight of 8, while the remaining 3/4 received a weight of 7.

The ratio estimation procedure for housing units was essentially the same as that for persons, except that vacant units were treated differently. The occupied housing unit ratio estimation procedure was done in four stages, and the vacant housing unit ratio estimation procedure was done in a single stage. The first stage for occupied housing units applied 16 household type categories, while the second stage used the two sampling categories described above for persons. The third stage applied three units-in-structure categories; i.e. single units, multi-unit less than 10 and multi-unit 10 or more. The fourth stage could potentially use 200 tenure-race-Hispanic origin-value/ rent groups. The stages for 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
	Housing Units With a Family Without Own Children Under 18
6-10	2 through 8 or more persons in housing unit

STAGE I: TYPE OF HOUSEHOLD—Con.

	All Other Housing Units
11	1 person in housing unit
12-16	2 through 8 or more persons in housing unit

Renter

White Householder
Householder of Hispanic origin
Rent

101	Less than \$100
102	\$100 to \$199
103	\$200 to \$299
104	\$300 to \$399
105	\$400 to \$499
106	\$500 to \$599
107	\$600 to \$749
108	\$750 to \$999
109	\$1,000 or more
110	No cash rent

STAGE II: SAMPLING RATE CATEGORY

1	Sampling rate of 1-in-2
2	Sampling rate less than 1-in-2

STAGE III: UNITS IN STRUCTURE

1	Single unit structure
2	Multi-unit structure consisting of fewer than 10 individual units
3	Multi-unit structure consisting of 10 or more individual units

111-120 Householder Not of Hispanic Origin
Same rent categories as groups 101 through 110

STAGE IV: TENURE/ RACE AND HISPANIC ORIGIN OF HOUSEHOLDER/ VALUE OR RENT

Group	Owner
	White Householder
	Householder of Hispanic Origin
	Value
1	Less than \$20,000
2	\$20,000 to \$39,999
3	\$40,000 to \$59,999
4	\$60,000 to \$79,999
5	\$80,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000 to \$249,999
8	\$250,000 to \$299,999
9	\$300,000 or more
10	Other ¹
11-20	Householder Not of Hispanic Origin Same value categories as groups 1 through 10
21-40	Black Householder Same Hispanic origin/ value categories as groups 1 through 20
41-60	Asian or Pacific Islander Householder Same Hispanic origin/ value categories as groups 1 through 20
61-80	American Indian, Eskimo, or Aleut Householder Same Hispanic origin/ value categories as groups 1 through 20
81-100	Householder of Other Race Same Hispanic origin/ value categories as groups 1 through 20

121-140	Black Householder Same Hispanic origin/ rent categories as groups 101 through 120
141-160	Asian or Pacific Islander Householder Same Hispanic origin/ rent categories as groups 101 through 120
161-180	American Indian, Eskimo, or Aleut Householder Same Hispanic origin/ rent categories as groups 101 through 120
181-200	Householder of Other Race Same Hispanic origin/ rent categories as groups 101 through 120
	Vacant Housing Units
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 if 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.

¹Value of units in this category results from other factors besides housing value alone, for example, inclusion of more than 10 acres of land, or presence of a business establishment on the premises.

Control of Nonsampling Error

As mentioned earlier, both sample and 100-percent data are subject to nonsampling error. This component of error could introduce serious bias into the data, and the total error 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 decennial census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. Described below are the primary sources of nonsampling error and the programs instituted for control of this error. The success of these programs, however, was contingent upon how well the instructions actually were carried out during the census. As part of the 1990 census evaluation program, 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 missed entirely by the census. The undercoverage of persons and housing units can introduce biases into the data.

Several coverage improvement programs were implemented during the development of the census address list and census enumeration and processing to minimize undercoverage of the population and housing units. These programs were developed based on experience from the 1980 census and results from the 1990 census testing cycle. In developing and updating the census address list, the Census Bureau used a variety of specialized procedures in different parts of the country.

- In the large urban areas, the Census Bureau purchased and geocoded address lists. Concurrent with geocoding, the United States Postal Service (USPS) reviewed and updated this list. After the postal check, census enumerators conducted a dependent canvass and update operation. In the fall of 1989, local officials were given the opportunity to examine block counts of address listings (local review) and identify possible errors. Prior to mail-out, the USPS conducted a final review.
- In small cities, suburban areas, and selected rural parts of the country, the Census Bureau created the address list through a listing operation. The USPS reviewed and updated this list, and the Census Bureau reconciled USPS corrections and updated through a field operation. In the fall of 1989, local officials participated in reviewing block counts of address listings. Prior to mailout, the USPS conducted a final review.
- The Census Bureau (rather than the USPS) conducted a listing operation in the fall of 1989 and delivered census questionnaires in selected rural and seasonal housing areas in March of 1990. In some inner-city public housing developments, whose addresses had been obtained via the purchased address list noted above, census questionnaires were also delivered by Census Bureau enumerators.

Coverage improvement programs continued during and after mailout. A recheck of units initially classified as vacant or nonexistent improved further the coverage of persons and housing units. All local officials were given the opportunity to participate in a post-census local review, and census enumerators conducted an additional canvass. In addition, efforts were made to improve the coverage of unique population groups, such as the homeless and parolees/probationers. Computer and clerical edits and telephone and personal visit followup also contributed to improved coverage.

More extensive discussion of the programs implemented to improve coverage will be published by the Census Bureau when the evaluation of the coverage improvement program is 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, although the 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 problems were followed up as necessary.

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 monitored carefully. Field staff were prepared for their tasks by using standardized training packages that included hands-on experience in using census materials. A sample of the households interviewed by enumerators for nonresponse were 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 involved in processing the census data represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any imputation procedure using respondent data may not completely

reflect this difference either at the elemental 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 reduced substantially 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 imputed by the computer by using reported data for a person or housing unit with similar characteristics.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of data that describes the population as accurately and clearly as possible. To meet this objective, questionnaires were edited during field data collection operations for consistency, completeness, and acceptability. Questionnaires also were reviewed by census clerks for omissions, certain specific inconsistencies, and population coverage. For example, write-in entries such as "Don't know" or "NA" were considered unacceptable. For some district offices, the initial edit was automated; however, for the majority of the district offices, it was performed by clerks. As a result of this operation, a telephone or personal visit followup was made to obtain missing information. Potential coverage errors were included in the followup, as well as a sample of questionnaires with omissions and/or inconsistencies.

Subsequent to field operations, remaining incomplete or inconsistent information on the questionnaires was assigned

using imputation procedures during the final automated edit of the collected data. Imputations, or computer assignments of acceptable codes in place of unacceptable entries or blanks, are needed most often when an entry for a given item is lacking or when the information reported for a person or housing unit on that item is inconsistent with other information for that same person or housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a person or housing unit that was consistent with entries for persons or housing units with similar characteristics. The assignment of acceptable codes in place of blanks or unacceptable entries enhances the usefulness of the data.

Another way in which corrections were made during the computer editing process was through substitution; that is, the assignment of a full set of characteristics for a person or housing unit. When there was an indication that a housing unit was occupied but the questionnaire contained no information for the people within the household or the occupants were not listed on the questionnaire, a previously accepted household was selected as a substitute, and the full set of characteristics for the substitute was duplicated. The assignment of the full set of housing characteristics occurred when there was no housing information available. If the housing unit was determined to be occupied, the housing characteristics were assigned from a previously processed occupied unit. If the housing unit was vacant, the housing characteristics were assigned from a previously processed vacant unit.

Table A. Unadjusted Standard Error 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	70	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

¹For 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.

$$SE_{\hat{Y}} = \frac{\hat{Y}}{N}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

²The 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 Percentage

[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	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	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	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	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	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	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	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	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	0.2

¹For a percentage and/ or base of percentage not shown in the table, the formula given below may be used to calculate the standard error. This table should only be used for proportions, that is, where the numerator is a subset of the denominator.

$$SE_{\hat{p}} = \frac{\hat{p}}{B} \sqrt{100 \hat{p}}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Design Factors—Iowa

[Percent of persons or housing units in sample]

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent or more
HOUSING				
Age of householder	1.2	1.0	0.6	0.5
Race of householder	1.2	1.0	0.6	0.5
Hispanic origin of householder.....	1.2	1.0	0.6	0.5
Type of residence (urban/ rural).....	1.0	1.0	0.6	0.5
Condominium status.....	1.2	1.0	0.5	0.5
Units in structure.....	1.2	1.1	0.5	0.5
Tenure.....	1.2	1.0	0.6	0.5
Occupancy status	1.2	1.0	0.6	0.5
Value	1.2	1.0	0.5	0.5
Gross rent.....	1.2	1.0	0.5	0.5
Household income in 1989	1.2	1.0	0.5	0.5
Year structure built	1.2	1.0	0.5	0.5
Rooms, bedrooms.....	1.2	1.0	0.5	0.5
Kitchen facilities	1.1	1.1	0.5	0.5
Source of water, plumbing facilities.....	1.4	1.1	0.6	0.5
Sewage disposal.....	1.2	1.0	0.5	0.4
House heating fuel	1.3	1.1	0.5	0.5
Telephone in housing unit	1.2	1.1	0.5	0.5
Vehicles available	1.3	1.1	0.6	0.5
Year householder moved into structure	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs	1.2	1.0	0.5	0.5
Mortgage status and selected monthly owner costs	1.2	1.0	0.5	0.5
Gross rent as a percentage of household income in 1989	1.2	1.0	0.5	0.5
Household income in 1989 by selected monthly owner costs as a percentage of income	1.2	1.0	0.5	0.5

APPENDIX D.

Collection and Processing Procedures

CONTENTS

Data Collection Procedures	D-2
Enumeration and Residence Rules	D-1
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ENUMERATION AND RESIDENCE RULES

In accordance with census practice dating back to the first United States census in 1790, each person was to be enumerated as an inhabitant of his or her "usual residence" in the 1990 census. Usual residence is the place where the person lives and sleeps most of the time or considers to be his or her usual residence. 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 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, 1990).

Enumeration Rules

Each person whose usual residence was in the United States was to be included in the census, without regard to the person's legal status or citizenship. In a departure from earlier censuses, foreign diplomatic personnel participated voluntarily in the census, regardless of their residence on or off the premises of an embassy. As in previous censuses, persons in the United States specifically excluded from the census were foreign travelers who had not established a residence.

Americans with a usual residence outside the United States were not enumerated in the 1990 census. United States military and Federal civilian employees, and their dependents overseas, are included in the population counts for States for purposes of Congressional apportionment, but are excluded from all other tabulations for States and their subdivisions. The counts of United States military and Federal civilian employees, and their dependents, were obtained from administrative records maintained by Federal departments and agencies. Other Americans living overseas, such as employees of international agencies

and private businesses and students, were not enumerated, nor were their counts obtained from administrative sources. On the other hand, Americans temporarily overseas were to be enumerated at their usual residence in the United States.

Residence Rules

Each person included in the census was to be counted at his or her usual residence—the place where he or she lives and sleeps most of the time or the place where the person considers to be his or her usual home. If a person had no usual residence, the person was to be counted where he or she was staying on April 1, 1990.

Persons temporarily away from their usual residence, whether in the United States or overseas, on a vacation or on a business trip, were counted at their usual residence. Persons who occupied more than one residence during the year were counted at the one they considered to be their usual residence. Persons who moved on or near Census Day were counted at the place they considered to be their usual residence.

Persons in the Armed Forces—Members of the Armed Forces were counted as residents of the area in which the installation was located, either on the installation or in the surrounding community. Family members of Armed Forces personnel were counted where they were living on Census Day (for example, with the Armed Forces person or at another location).

Each Navy ship not deployed to the 6th or 7th Fleet was attributed to the municipality that the Department of the Navy designated as its homeport. If the homeport included more than one municipality, ships 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. Ships attributed to the homeport, but not physically present and not deployed to the 6th or 7th Fleet, were assigned to the municipality named on the Department of the Navy's homeport list. These rules also apply to Coast Guard vessels.

Personnel assigned to each Navy and Coast Guard ship were given the opportunity to report a residence off the ship. Those who did report an off-ship residence in the communities surrounding the homeport were counted there; those who did not were counted as residents of the ship. Personnel on Navy ships deployed to the 6th or 7th Fleet on Census Day were considered to be part of the overseas population.

Persons on Maritime Ships—Persons aboard maritime ships who reported an off-ship residence were counted at that residence. Those who did not were counted as residents of the ship, and were attributed as follows:

1. The port where the ship was docked on Census Day, if that port was in the United States or its territories.
2. The port of departure if the ship was at sea, provided the port was in the United States or its territories.
3. The port of destination in the United States or its territories, if the port of departure of a ship at sea was a foreign port.
4. The overseas population if the ship was docked at a foreign port or at sea between foreign ports. (These persons were not included in the overseas population for apportionment purposes.)

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 the 1950 census. Children in boarding schools below the college level were counted at their parental home.

Persons in Institutions—Persons under formally authorized, supervised care or custody, such as in Federal or State prisons; local jails; Federal detention centers; juvenile institutions; nursing, convalescent, and rest homes for the aged and dependent; or homes, schools, hospitals, or wards for the physically handicapped, mentally retarded, or mentally ill, were counted at these places.

Persons Away From Their Usual Residence on Census Day—Migrant agricultural workers who did not report a usual residence elsewhere were counted as residents of the place where they were on Census Day. Persons in worker camps who did not report a usual residence elsewhere were counted as residents of the camp where they were on Census Day.

In some parts of the country, natural disasters displaced significant numbers of households from their usual place of residence. If these persons reported a destroyed or damaged residence as their usual residence, they were counted at that location.

Persons away from their usual residence were counted by means of interviews with other members of their families, resident managers, or neighbors.

DATA COLLECTION PROCEDURES

The 1990 census was conducted primarily through self-enumeration. The questionnaire packet included general information about the 1990 census and an instruction guide explaining how to complete the questionnaire. Spanish-language questionnaires and instruction guides were available on request. Instruction guides also were available in 32 other languages.

Enumeration of Housing Units

Each housing unit in the country received one of two versions of the census questionnaire:

1. A short-form questionnaire that contained a limited number of basic population and housing questions; these questions were asked of all persons and housing units and are often referred to as 100-percent questions.
2. A long-form questionnaire that contained the 100-percent items and a number of additional questions; a sampling procedure was used to determine those housing units that were to receive the long-form questionnaire.

Three sampling rates were employed. For slightly more than one-half of the country, one in every six housing units (about 17 percent) received the long-form or sample questionnaire. In functioning local governmental units (counties and incorporated places, and in some parts of the country, towns and townships) estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire in order to enhance the reliability of the sample data for these small areas. For census tracts and block numbering areas having more than 2,000 housing units in the Census Bureau's address files, one in every eight housing units (about 13 percent) received a sample questionnaire, providing reliable statistics for these areas while permitting the Census Bureau to stay within a limit of 17.7 million sample questionnaires, or a one-in-six sample, nationwide.

The mail-out/ mail-back procedure was used mainly in cities, suburban areas, towns, and rural areas where mailing addresses consisted of a house number and street name. In these areas, the Census Bureau developed mailing lists that included about 88.4 million addresses. The questionnaires were delivered through the mail and respondents were to return them by mail. Census questionnaires were delivered 1 week before Census Day (April 1, 1990).

The update/ leave/ mail-back method was used mainly in densely populated rural areas where it was difficult to develop mailing lists because mailing addresses did *not* use house number and street name. The Census Bureau compiled lists of housing units in advance of the census. Enumerators delivered the questionnaires, asked respondents to return them by mail, and added housing units not on the mailing lists. This method was used mainly in the South and Midwest, and also included some high-rise, low-income urban areas. A variation of this method was used in urban areas having large numbers of boarded-up buildings. About 11 million housing units were enumerated using this method.

The list/ enumerate method (formerly called conventional or door-to-door enumeration) was used mainly in very remote and sparsely-settled areas. The United States

Postal Service delivered unaddressed short-form questionnaires before Census Day. Starting a week before Census Day, enumerators canvassed these areas, checked that all housing units received a questionnaire, created a list of all housing units, completed long-form questionnaires, and picked up the completed short-form questionnaires. This method was used mainly in the West and Northeast to enumerate an estimated 6.5 million housing units.

Followup

Nonresponse Followup—In areas where respondents were to mail back their questionnaires, an enumerator visited each address from which a questionnaire was not received.

Coverage and Edit-Failure Followup—In the mail-back areas, some households returned a questionnaire that did not meet specific quality standards because of incomplete or inconsistent information, or the respondent had indicated difficulty in deciding who was to be listed on the questionnaire. These households were contacted by telephone or by personal visit to obtain the missing information or to clarify who was to be enumerated in the household. In areas where an enumerator picked up the questionnaires, the enumerator checked the respondent-filled questionnaire for completeness and consistency.

Special Enumeration Procedures

Special procedures and questionnaires were used for the enumeration of persons in group quarters, such as college dormitories, nursing homes, prisons, military barracks, and ships. The questionnaires (Individual Census Reports, Military Census Reports, and Shipboard Census Reports) included the 100-percent population questions but did not include any housing questions. In all group quarters, all persons were asked the basic population questions; in most group quarters, additional questions were asked of a sample (one-in-six) of persons.

Shelter and Street Night (S-Night)

The Census Bureau collected data for various components of the homeless population at different stages in the 1990 census. "Shelter and Street Night" (S-Night) was a special census operation to count the population in four types of locations where homeless people are found. On the evening of March 20, 1990, and during the early morning hours of March 21, 1990, enumerators counted persons in pre-identified locations:

1. Emergency shelters for the homeless population (public and private; permanent and temporary).
2. Shelters with temporary lodging for runaway youths.
3. Shelters for abused women and their children.

4. Open locations in streets or other places not intended for habitation.

Emergency shelters include all hotels and motels costing \$12 or less (excluding taxes) per night regardless of whether persons living there considered themselves to be homeless, hotels and motels (regardless of cost) used entirely to shelter homeless persons, and pre-identified rooms in hotels and motels used for homeless persons and families. Enumeration in shelters usually occurred from 6 p.m. to midnight; street enumeration, from 2 a.m. to 4 a.m.; abandoned and boarded-up buildings from 4 a.m. to 8 a.m.; and shelters for abused women, from 6 p.m. on March 20 to noon on March 21.

Other components, which some consider as part of the homeless population, were enumerated as part of regular census operations. These include persons doubled up with other families, as well as persons with no other usual home living in transient sites, such as commercial campgrounds, maternity homes for unwed mothers, and drug/alcohol abuse detoxification centers. In institutions, such as local jails and mental hospitals, the Census Bureau does not know who has a usual home elsewhere; therefore, even though some are literally homeless, these persons cannot be identified separately as a component of the homeless population.

There is no generally agreed-upon definition of "the homeless," and there are limitations in the census count that prevent obtaining a total count of the homeless population under any definition. As such, the Census Bureau does not have a definition and will not provide a total count of "the homeless." Rather, the Census Bureau will provide counts and characteristics of persons found at the time of the census in *selected* types of living arrangements. These selected components can be used as building blocks to construct a count of homeless persons appropriate to particular purposes as long as the data limitations are taken into account.

In preparation for "Shelter-and-Street-Night" enumeration, the regional census centers (RCC's) mailed a certified letter (Form D-33 (L)) to the highest elected official of each active functioning government of the United States (more than 39,000) requesting them to identify:

1. All shelters with sleeping facilities (permanent and temporary, such as church basements, armories, public buildings, and so forth, that could be open on March 20).
2. Hotels and motels used to house homeless persons and families.
3. A list of outdoor locations where homeless persons tend to be at night.
4. Places such as bus or train stations, subway stations, airports, hospital emergency rooms, and so forth, where homeless persons seek shelter at night.

5. The specific addresses of abandoned or boarded-up buildings where homeless persons were thought to stay at night.

The letter from the RCC's to the governmental units emphasized the importance of listing night-time congregating sites. The list of shelters was expanded using information from administrative records and informed local sources. The street sites were limited to the list provided by the jurisdictions. All governmental units were eligible for "Shelter and Street Night." For cities with 50,000 or more persons, the Census Bureau took additional steps to update the list of shelter and street locations if the local jurisdiction did not respond to the certified letter. Smaller cities and rural areas participated if the local jurisdiction provided the Census Bureau a list of shelters or open public places to visit or if shelters were identified through our inventory development, local knowledge update, or during the Special Place Prelist operation.

The Census Bureau encouraged persons familiar with homeless persons and the homeless themselves to apply as enumerators. This recruiting effort was particularly successful in larger cities.

For shelters, both long- and short-form Individual Census Reports (ICR's) were distributed. For street enumeration, only short-form ICR's were used. Persons in shelters and at street locations were asked the basic population questions. Additional questions about social and economic characteristics were asked of a sample of persons in shelters only.

Enumerators were instructed *not* to ask who was homeless; rather, they were told to count all persons (including children) staying overnight at the shelters, and everyone they saw on the street except the police, other persons in uniform, and persons engaged in employment or obvious money-making activities other than begging and panhandling.

At both shelter and street sites, persons found sleeping were not awakened to answer questions. Rather, the enumerator answered the sex and race questions by observation and estimated the person's age to the best of his or her ability. In shelters, administrative records and information from the shelter operator were used, when available, for persons who were already asleep.

Less than 1 percent of shelters refused to participate in the census count at first. By the end of the census period, most of those eventually cooperated and the number of refusals had been reduced to a few. For the final refusals, head counts and population characteristics were obtained by enumerators standing outside such shelters and counting people as they left in the morning.

The "street" count was restricted to persons who were visible when the enumerator came to the open, public locations that had been identified by local jurisdictions. Homeless persons who were well hidden, moving about, or in locations other than those identified by the local governments were likely missed. The number missed will never be known and there is no basis to make an estimate

of the number missed from census data. The count of persons in open, public places was affected by many factors, including the extra efforts made to encourage people to go to shelters for "Shelter and Street Night," the weather (which was unusually cold in many parts of the country), the presence of the media, and distrust of the census. Expectations of the number of homeless persons on the street cannot be based on the number seen during the day because the night-time situation is normally very different as more homeless persons are in shelters or very well hidden.

For both "Shelter-and-Street-Night" locations, the Census Bureau assumed that the usual home of those enumerated was in the block where they were found (shelter or street).

The "Shelter-and-Street-Night" operation replaced and expanded the 1980 Mission Night (M-Night) and Casual Count operations. These two operations were aimed at counting the population who reported having no usual residence. M-Night was conducted a week after Census Day, in April 1980. Enumerators visited hotels, motels, and similar places costing \$4 or less each night; missions, flophouses, local jails and similar places at which the average length of stay was 30 days or less; and nonshelter locations, such as bus depots, train stations, and all night movie theaters. Questions were asked of everyone, regardless of age. Enumerators conducted M-Night up to midnight on April 8, 1980, and returned the next morning to collect any forms completed after midnight.

The Casual Count operation was conducted in May 1980 at additional nonshelter locations, such as street corners, pool halls, welfare and employment offices. This operation lasted for approximately 2 weeks. Casual Count was conducted during the day only in selected large central cities. Only persons who appeared to be at least 15 years of age were asked if they had been previously enumerated. Casual Count was actually a coverage-improvement operation. It was not specifically an operation to count homeless persons living in the streets. Persons were excluded if they said they had a usual home outside the city because it was not cost effective to check through individual questionnaires in another city to try to find the person.

PROCESSING PROCEDURES

Respondents returned many census questionnaires by mail to 1 of over 344 census district offices or to one of six processing offices. In these offices, the questionnaires were "checked in" and edited for completeness and consistency of the responses. After this initial processing had been performed, all questionnaires were sent to the processing offices.

In the processing offices, the household questionnaires were microfilmed and processed by the Film Optical Sensing Device for Input to Computers (FOSDIC). For most items on the questionnaire, the information supplied

by the respondent was indicated by filling circles in pre-designated positions. FOSDIC electronically "read" these filled circles from the microfilm copy of the questionnaire and transferred the information to computer tape. The computer tape did not include individual names, addresses, or handwritten responses.

The data processing was performed in several stages. All questionnaires were microfilmed, "read" by FOSDIC, and transferred to computer disk. Selected written entries in the race question on both the short and long forms were keyed from the microfilm and coded using the data base developed from the 1980 census and subsequent content and operational tests. Keying of other written entries on the long forms occurred in the seven processing offices.

The information (for example, income dollar amounts or homeowner shelter costs) on these keyed files was merged with the FOSDIC data or processed further through one of three automated coding programs. The codes for industry, occupation, place-of-birth, migration, place-of-work, ancestry, language, relationship, race, and Hispanic origin were merged with the FOSDIC data for editing, weighting, and tabulating operations at Census Bureau headquarters. All responses to the questions on Individual Census Reports (ICR's), Military Census Reports (MCR's), and Shipboard Census Reports (SCR's) were keyed, not processed by microfilm or FOSDIC.

APPENDIX E. Facsimiles of Respondent Instructions and Questionnaire Pages

Your Guide for the **1990 U.S. Census Form**

This guide gives helpful information on filling out your census form. If you need more help, call the local U.S. census office. **The telephone number is on the cover of the questionnaire.** After you have filled out your form, please return it in the **envelope** we have provided.

On the inside	Page
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Example	2
Your answers are confidential	2
Instructions for the census questions	3 – 11
What the census is about	12
Why the census asks certain questions	12

CENSUS '90

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS



D-4

How to Fill Out Your Census Form

Please use a black lead pencil only. Black lead pencil is better to use than ballpoint or other pens. Most questions ask you to fill in the circle, or to print the information. See **Example** below.

Make sure you print answers for everyone in this household. If someone in the household, such as a roomer or boarder, does not want to give you all the information for the form, print at least the person's name and answer questions 2 and 3. A census taker will call to get the other information directly from the person.

There may be a question you cannot answer exactly. For example, you might not know the age of an elderly person or the price for which your house would sell. Ask someone else in your household; if no one knows, give your best estimate.

Instructions for individual questions begin on page 3 of this guide. They will help you to understand the questions and answer them correctly.

If you have a question about filling out the census form or need assistance, call the local U.S. census office. **The telephone number is given on the cover of the questionnaire.**

If you do not mail back your census form, a census taker will be sent out to assist you. But it saves time and your taxpayer dollars if you fill out the form yourself and mail it back.

Example

a. Age	b. Year of birth	a. Age	b. Year of birth
<input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0	<input type="radio"/> 1 <input type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0	<input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0	<input type="radio"/> 1 <input type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0
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<input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9	<input type="radio"/> 9 <input type="radio"/> 9 <input checked="" type="radio"/> 9	<input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9	<input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9

Your Answers Are Confidential

The law authorizing the census (Title 13, U.S. Code) also provides that your answers are confidential. No one except census workers may see your completed form and they can be fined and/or imprisoned for any disclosure of your answers. Only after 72 years can your individual census form become available to other government agencies (whether federal, state, county, or local). Until then, no other person or business can see your individual report.

The same law that protects the confidentiality of your answers requires that you provide the information asked in this census to the best of your knowledge.

Information collected from the decennial census is used for a variety of statistical purposes. Census information is used to find out where funding is most needed for schools, health centers, highways, and other services. Census results are used by members of public and private groups—including community organizations—and by businesses and industries, as well as by agencies at all levels of government.

Instructions for Questions 1a through 7

- 1a. List everyone who lives at this address in question 1a. If you are not sure if you should list a person, see the rules on page 1 of the census form. If you are still not sure, answer as best you can and fill in "Yes" for question H1a or H1b, as appropriate.

If there are more than seven people in your household, please list all the persons in question 1a, complete the form for seven people, and mail it back in the enclosed envelope. A census taker will call to obtain the information for the additional persons.
- b. If everyone listed in question 1a usually lives at another address(es), print the address(es) in 1b.
2. Fill one circle to show how each person is related to the person in column 1. If **Other relative** of the person in column 1, print the exact relationship such as son-in-law, daughter-in-law, grandparent, nephew, niece, mother-in-law, father-in-law, cousin, and so on.

If the **Stepson/stepdaughter** of the person in column 1 also has been legally adopted by the person in column 1, mark **Stepson/stepdaughter** but do not mark **Natural-born or adopted son/daughter**. In other words, **Stepson/stepdaughter** takes precedence over **Adopted son/daughter**.
4. Fill ONE circle for the race each person considers himself/herself to be.

If you fill the **Indian (Amer.)** circle, print the name of the tribe or tribes in which the person is enrolled. If the person is not enrolled in a tribe, print the name of the principal tribe(s).

If you fill the **Other API** circle [under **Asian or Pacific Islander (API)**], **only** print the name of the group to which the person belongs. For example, the **Other API** category includes persons who identify as Burmese, Fijian, Hmong, Indonesian, Laotian, Bangladeshi, Pakistani, Tongan, Thai, Cambodian, Sri Lankan, and so on.

If you fill the **Other race** circle, be sure to print the name of the race.

If the person considers himself/herself to be **White, Black or Negro, Eskimo or Aleut**, fill one circle only. **Please do not print the race in the boxes.**

The **Black or Negro** category also includes persons who identify as African-American, Afro-American, Haitian, Jamaican, West Indian, Nigerian, and so on.

All persons, regardless of citizenship status, should answer this question.
5. Print age at last birthday in the space provided (print "00" for babies less than 1 year old). Fill in the matching circle below each box. Also, print year of birth in the space provided. Then fill in the matching circle below each box. For an illustration of how to complete question 5, see the **Example** on page 2 of this guide.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin if the person's origin (ancestry) is Mexican, Mexican-Am., Chicano, Puerto Rican, Cuban, Argentinean, Colombian, Costa Rican, Dominican, Ecuadoran, Guatemalan, Honduran, Nicaraguan, Peruvian, Salvadoran, from other Spanish-speaking countries of the Caribbean or Central or South America, or from Spain.

If you fill the **Yes, other Spanish/Hispanic** circle, print one group.

A person who is not of Spanish/Hispanic origin should answer this question by filling the **No (not Spanish/Hispanic)** circle. Note that the term "**Mexican-Am.**" refers only to persons of Mexican origin or ancestry.

All persons, regardless of citizenship status, should answer this question.

Instructions for Question H1a through H1b

- H1a. Refer to the list of persons you entered in question 1a on page 1. If you left anyone out of your list because you were not sure if the person(s) should be listed, answer question H1a as **Yes**. Then enter the name(s) and reason(s) why you did not list the person(s) on the lines provided. Otherwise, answer question H1a as **No**.
- b. If you included anyone on your list even though you were not sure that you should list the person(s), answer question H1b as **Yes**. Then enter the name(s) and reason(s) why you listed the person(s) on the lines provided. Otherwise, answer question H1b as **No**.

Instructions for Questions H2 through H7b

- H2.** Fill only one circle.
- Count all occupied and vacant apartments in the house or building. Do not count stores or office space.
- Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall that goes from ground to roof. An example of **A one-family house attached to one or more houses** is a house in a row of houses attached to one another.
- A mobile home or trailer that has had one or more rooms added or built onto it should be counted as a *one-family detached house*; a porch or shed is not considered a room.
- H3.** Count only whole rooms in your house, apartment, or mobile home 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, foyers, halls, half-rooms, porches, balconies, unfinished attics, unfinished basements, or other unfinished space used for storage.
- H4.** Housing is owned if the owner or co-owner lives in it. Mark **Owned by you or someone in this household with a mortgage or loan** if the house, apartment, or mobile home is mortgaged or there is a contract to purchase. Mark **Owned by you or someone in this household free and clear (without a mortgage)** if there is no mortgage or other debt. If the house, apartment, or mobile home is owned but the land is rented, mark this question to show the status of the house, apartment, or mobile home.
- Mark **Rented for cash rent** if any money rent is paid, even if the rent is paid by persons who are not members of your household, or by a federal, state, or local government agency.
- Mark **Occupied without payment of cash rent** if the unit is **not** owned or being bought by the occupants and if money rent is **not** paid or contracted. The unit may be owned by friends or relatives who live elsewhere and who allow occupancy without charge. A house or apartment may be provided as part of wages or salary. Examples are: caretaker's or janitor's house or apartment; parsonages; tenant farmer or sharecropper houses for which the occupants do not pay cash rent; or military housing.
- H5a.** Answer H5a and H5b if you live in a one-family house or a mobile home; include only land that you own or rent.
- b.** A business 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.
- H6.** If this is a house, 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, estimate the value for your house or apartment including your share of the common elements. If this is a mobile home, include the value of the mobile home and the value of the land. If you rent the land, estimate the value of the rented land and add it to the value of the mobile home.
- H7a.** Report the rent agreed to or contracted for, even if the rent for your house, apartment, or mobile home is unpaid or paid by someone else.
- | | | | |
|----------------------------|-------------------|--------------------------|-----------------|
| If rent is paid: | Multiply rent by: | If rent is paid: | Divide rent by: |
| By the day | 30 | 4 times a year | 3 |
| By the week | 4 | 2 times a year | 6 |
| Every other week | 2 | Once a year | 12 |
- b.** Answer **Yes** if meals are included in the monthly rent payment, or you must contract for meals or a meal plan in order to live in this building.

Instructions for Questions H8 through H19b

- H8.** The *person listed 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, apartment, or mobile home is owned, being bought, 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, apartment, or mobile home.
- H9.** Include all rooms intended to be used as bedrooms in this house, apartment, or mobile home, even if they are currently being used for other purposes.
- H10.** Mark **Yes, have all three facilities** if you have all the facilities mentioned; all facilities must be in your house, apartment, or mobile home, but not necessarily in the same room. Consider that you have hot water even if you have it only part of the time. Mark **No** if any of the three facilities is not present.
- H11.** 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 cookstove.
- H12.** Answer **Yes** only if the telephone is located in your house, apartment, or mobile home.
- H13.** Count company cars (including police cars and taxicabs) and company trucks of one-ton capacity or less that are regularly kept at home and used by household members for nonbusiness purposes. Do **not** count cars or trucks permanently out of working order.
- H14.** Fill the circle for the fuel used most to heat your house, apartment, or mobile home. In buildings containing more than one apartment you may obtain this information from the owner, manager, or janitor.
- Solar energy** is provided by a system that collects, stores, and distributes heat from the sun. **Other fuel** includes any fuel not separately listed; for example, purchased steam, fuel briquettes, waste material, etc.
- H15.** If a well provides water for five or more houses, apartments, or mobile homes, mark **A public system**. If a well provides water for four or fewer houses, apartments, or mobile homes, fill one of the circles 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 larger than 1½ feet wide.
- H16.** A **public sewer** may be operated by a government body or private organization. A **septic tank** or **cesspool** is an underground tank or pit used for disposal of sewage.
- H17.** Fill the circle corresponding to the period in which the original construction was completed, *not* the time of any later remodeling, additions, or conversions. In buildings containing more than one apartment, the owner, manager, or janitor may be of help in determining when the building was built.
- If you live in a houseboat or a trailer or mobile home, fill the circle corresponding to the model year in which it was manufactured.
- If you do not know the period when the building was first constructed, fill the circle for **Don't know**.
- H18.** A *condominium* is a type of ownership in which the apartments, houses, or mobile homes in a building or development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. Cooperative occupants should mark **No**.
- H19a.** Answer H19a and H19b if you live in a one-family house or mobile home.
- b.** *This property* is the acreage on which the house is located; it includes adjoining land you rent for your use. Report sales made in 1989 from this property by you or previous occupants.

Instructions for Questions H20 through H26

H20. If your house or apartment is rented, enter the costs for utilities and fuels **only if you pay for them in addition to the rent entered in H7a.**

If you live in a condominium, enter the costs for utilities and fuels **only if you pay for them in addition to your condominium fee.**

If your fuel and utility costs are already included in your rent or condominium fee, fill the **Included in rent or in condominium fee** circle. Do not enter any dollar amounts.

The amounts to be reported should be the total amount for the past 12 months. Estimate as closely as possible when exact costs are not known. If you have lived in this house or apartment less than 1 year, estimate the yearly cost.

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 house or apartment. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket [] the two utilities.

H21. Report taxes for all taxing jurisdictions (city or town, county, state, school district, etc.) even if they are included in your mortgage payment, not yet paid or paid by someone else, or are delinquent. Do not include taxes past due from previous years.

H22. When premiums are paid on other than a yearly basis, convert to a yearly basis. Enter the yearly amount even if no payment was made during the past 12 months.

H23a. The word *mortgage* is used as a general term to indicate all types of loans that are secured by real estate.

b. 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 the instructions for H7a to change it to a monthly amount.

Include payments on first mortgages and contracts to purchase only. Payments for second or junior mortgages and home equity loans should be reported in H24b.

H24a. A second or junior mortgage or home equity loan is secured by real estate.

b. 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 H7a and change it to a monthly amount. Include payments on all second or junior mortgages or home equity loans.

H25. A *condominium fee* is normally assessed by the condominium owners' association for the purpose of improving and maintaining the common areas. 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 the instructions for H7a on how to change it to a monthly amount.

H26. Report amount even if your bills are unpaid or paid by someone else. Include payments for personal property taxes, land or site rent, registration fees and license fees. Do not include real estate taxes already reported in H21. The amount to be reported should be the total amount for an entire 12-month billing period even if made in two or more installments. Estimate as closely as possible when exact costs are not known.

Instructions for Question 8

8. For persons born in the United States:

Print the name of the State in which this person was born. If the person was born in Washington, D.C., print District of Columbia. If the person was born in a U.S. territory or commonwealth, print Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, or Northern Marianas.

For persons born outside the United States:

Print the name of the foreign country or area where the person was born. Use current boundaries, not boundaries at the time of the person's birth. Specify whether Northern Ireland or the Republic of Ireland (Eire); East or West Germany; North or South Korea; England, Scotland, or Wales (not Great Britain or United Kingdom). Specify the particular country or island in the Caribbean (not, for example, West Indies).

Instructions for Questions 9 through 13

9. A person should fill the **Yes, U.S. citizen by naturalization** circle only if he/she has completed the naturalization process and is now a United States citizen. If the person was born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas, he/she should fill the **Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas** circle. If the person was born outside the United States (or at sea) and has at least one American parent, he/she should fill the **Yes, born abroad of American parent or parents** circle.

10. If the person has entered the United States (that is, the 50 states and the District of Columbia) more than once, fill the circle for the latest year he/she came to stay.

11. Do not include 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 that is controlled and supported primarily by a local, county, State, or Federal Government. Schools are private if supported and controlled primarily by religious organizations or other private groups.

12. Mark the category for the highest grade or level of schooling the person has **successfully completed** or the **highest degree** the person received. If the person is enrolled in school, mark the category containing the highest grade completed (the grade previous to the grade in which enrolled). Schooling completed in foreign or ungraded schools should be reported as the equivalent level of schooling in the regular American school system.

Persons who completed high school by passing an equivalency test, such as the General Educational Development (GED) examination, and did not attend college, should fill the circle for high school graduate.

Do not include vocational certificates or diplomas from vocational, trade, or business schools or colleges unless they were college level associate degrees or higher.

Some examples of *professional school degrees* include medicine, dentistry, chiropractic, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology. Do not include barber school, cosmetology, or other training for a specific trade.

Do not include honorary degrees awarded by colleges and universities to individuals for their accomplishments. Include only "earned" degrees.

13. Print the ancestry group. Ancestry refers to the person's ethnic origin or descent, "roots," or heritage. Ancestry also may refer to the country of birth of the person or the person's parents or ancestors before their arrival in the United States. *All* persons, regardless of citizenship status, should answer this question.

Persons who have more than one origin and cannot identify with a single ancestry group may report two ancestry groups (for example, German-Irish).

Be specific. For example, print whether West Indian, Asian Indian, or American Indian. West Indian includes persons whose ancestors came from Jamaica, Trinidad, Haiti, etc. Distinguish Cape Verdean from Portuguese; French Canadian from Canadian; and Dominican Republic from Dominica Island.

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

Instructions for Questions 14a through 19

- 14a.** Mark **Yes** if this person lived in this same house or apartment on April 1, 1985, even if he/she moved away and came back since then. Mark **No** 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 lot or trailer site).
- b.** If this person lived in a different house or apartment on April 1, 1985, give the location of this person's usual home at that time.

Part (1)

If the person lived in the United States on April 1, 1985, print the name of the State (or District of Columbia) where he or she lived. Continue with parts (2) through (4).

If the person lived in a U.S. territory or commonwealth, print the name of the territory or commonwealth, such as Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, or Northern Marianas. Then go to question 15a.

If the person lived outside the United States, print the name of the foreign country or area where he or she lived. Specify whether Northern Ireland or the Republic of Ireland (Eire); East or West Germany; North or South Korea; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular country or island in the Caribbean (not, for example, West Indies). Then go to question 15a.

Part (2)

If the person lived in Louisiana, print the parish name. If the person lived in Alaska, print the borough name. If the person lived in New York city and the county name is not known, print the borough name. If the person lived in an independent city (not in any county) or in Washington, D.C., leave blank and enter the city name in part (3).

Part (3)

If the person lived in New England, print the name of the town rather than the village name, unless the name of the town is not known. If the person lived outside the limits or boundaries of any city or town, print the name of the post office or the nearest town and mark **No, lived outside the city/town limits** in part (4).

Part (4)

Mark **Yes** if the location is now inside the city/town limits even if it was not inside the limits on April 1, 1985; that is, if the area was annexed by the city/town since that time.

- 15.** Mark **Yes** if the person sometimes or always speaks a language other than English at home.
- Do not mark **Yes** for a language spoken only at school or if speaking is limited to a few expressions or slang.
- Print the name of the language spoken at home. If this person speaks more than one non-English language and cannot determine which is spoken more often, report the first language the person learned to speak.
- 17a.** For a person with service in the National Guard or a military reserve unit, fill one of the two **Yes, active duty** circles if and only if the person has ever been called up for active duty other than training; otherwise, mark **Yes, service in Reserves or National Guard only**. For a person whose only service was as a civilian employee or volunteer for the Red Cross, USO, Public Health Service, or War or Defense Department, mark **No**. Count **World War II Merchant Marine Seaman** service as active duty; do **not** count other Merchant Marine service as active duty.
- 18.** Mark **Yes** to part (a) if a health condition substantially limits this person in his or her choice of occupation or if the condition limits the amount of work that can be accomplished in a given period of time. Mark **Yes** to part (b) if the health condition prevents this person from holding any significant employment.
- 19.** Consider a person to have difficulty with these activities if any of the following situations apply: (1) it takes extra time or extra effort for the person to perform one or more of the activities, (2) there are times when the person cannot perform one or more of the activities, or (3) the person is completely unable to perform one or more of the activities.

Instructions for Questions 20 through 23b

- 20.** Count all children born alive, including any who have died (even shortly after birth) or who no longer live with you. Do not include miscarriages or stillborn children or any adopted, foster, or stepchildren.

21a. Count as work — Mark **Yes**:

- 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 — Mark **No**:

- Housework or yard work at home.
- Unpaid volunteer work.
- School work.
- Work done as a resident of an institution.

- 22a.** Include the street type (for example, St., Road, Ave.) and the street direction (if a direction such as "North" is part of the address). For example, print 1239 N. Main St. or 1239 Main St., N.W. not just 1239 Main.

If the only known address is a post office box, give a description of the work location. For example, print the name of the building or shopping center where the person works, the nearest intersection, the nearest street where the workplace is located, etc. DO NOT GIVE A POST OFFICE BOX NUMBER.

If the person worked at a military installation or military base that has no street address, report the name of the military installation or base.

If the person worked at several locations, but reported to the same location each day to begin work, print the address of the location where he or she reported. If the person did not report to the same location each day to begin work, print the address of the location where 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), print the exact address of the location or branch where the person worked. If the exact address of a school is not known, print the name of the school.

If the person worked on a college or university campus and the exact address of the workplace is not known, print the name of the building where he or she worked.

- d.** *If the person worked in New York city and the county is not known, print the name of the borough where the person worked.*
- If the person worked in Louisiana, print the name of the parish where the person worked.*
- If the person worked in Alaska, print the name of the borough where the person worked.*
- e.** *If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 22e and leave the other parts of question 22 blank.*

- 23a.** *If the person usually used more than one type of transportation to get to work (for example, rode the bus and transferred to the subway), fill the circle of the one method of transportation that he/she used for most of the distance during the trip.*

- b.** *If the person was driven to work by someone who then drove back home or to a nonwork destination, fill the circle for **Drove alone**.*

DO NOT include persons who rode to school or some other nonwork destination in the count of persons who rode in the vehicle.

Instructions for Questions 24a through 30

- 24a.** Give the time of day the person usually *left home to go to work*. DO NOT give the time that the person usually began his or her work.
If the person usually left home to go to work sometime *between 12:00 o'clock midnight and 12:00 o'clock noon*, fill the **a.m.** circle.
If the person usually left home to go to work sometime *between 12:00 o'clock noon and 12:00 o'clock midnight*, fill the **p.m.** circle.
- b.** Travel time is from door to door. Include time taken waiting for public transportation or picking up passengers in a carpool.
- 25.** If the person works only during certain seasons or on a day-by-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 4 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.
- 27.** Look at the instructions for question 21a 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 had no company name, print the name of the individual worked for. If the person worked in his/her own business, print "self-employed."
- b.** Print two or more words to tell what the business, industry, or individual employer named in 28a did. If there is more than one activity, describe only the major activity at the place where the person worked. Enter what is made, what is sold, or what service is given.
Some examples of what to enter:
- | | |
|---|-----------------------|
| Enter a description like the following – | Do not enter – |
| Metal furniture manufacturing | Furniture company |
| Retail grocery store | Grocery store |
| Petroleum refining | Oil company |
| Cattle ranch | Ranch |
- 29.** Print two or more words to describe the kind of work the person did. If the person was a trainee, apprentice, or helper, include that in the description.
Some examples of what to enter:
- | | |
|---|-----------------------|
| Enter a description like the following – | Do not enter – |
| Production clerk | Clerk |
| Carpenter's helper | Helper |
| Auto engine mechanic | Mechanic |
| Registered nurse | Nurse |
- 30.** Mark **Employee of a PRIVATE NOT-FOR-PROFIT . . . organization** if the person worked for a cooperative, credit union, mutual insurance company, or similar organization.
Employees of foreign governments, the United Nations, and other international organizations should mark **PRIVATE NOT-FOR-PROFIT . . . organization**.
For persons who worked at a public school, college or university, mark the appropriate *government* category; for example, mark **State GOVERNMENT employee** for a state university, or mark **Local GOVERNMENT employee** for a county-run community college or a city-run public school.

Instructions for Questions 31a through 32h

- 31a.** Look at the instructions for question 21a to see what to count as work.
- b.** Count every week in which the person did any work at all, even for an hour.
- 32.** Fill the **Yes** or **No** circle for each part and enter the amount received during 1989.
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 fill the **No** circle for the other person.
- a.** Include wages and salaries from *all jobs before* deductions. Be sure to include any tips, commissions, or bonuses. Owners of *incorporated* businesses should enter their salary here. Military personnel should include base pay plus cash housing and/or subsistence allowance, flight pay, uniform allotments, reenlistment bonuses, etc.
- b.** Include *NONFARM* profit (or loss) from self-employment in sole proprietorships and partnerships. *Exclude* profit (or loss) of incorporated businesses you own.
- c.** Include *FARM* profit (or loss) from self-employment in sole proprietorships and partnerships. *Exclude* profit (or loss) of incorporated farm businesses you own. Also *exclude* amounts from land rented for cash but include amounts from land rented for shares.
- d.** Include interest received or credited to checking and savings accounts, money market funds, certificates of deposit (CDs), IRAs, KEOGHs, and government bonds.
Include dividends received, credited, or reinvested from ownership of stocks or mutual funds.
Include profit (or loss) from royalties and the rental of land, buildings or real estate, or from roomers or boarders. Income received by self-employed persons whose *primary* source of income is from renting property or from royalties should be included in questions 32b or 32c above. Include regular payments from an estate or trust fund.
- e.** Include Social Security (and/or Railroad Retirement) payments to retired persons, to dependents of deceased insured workers, and to disabled workers *before* Medicare deductions.
- f.** Include Supplemental Security Income received by aged, blind, or disabled persons, Aid to Families with Dependent Children, or income from other government programs such as general or emergency assistance. Do not include assistance received from private charities. *Exclude* assistance to pay for heating (cooling) costs.
- g.** Include retirement, disability, or survivor benefits received from companies and unions; Federal, State, and local governments, and the U.S. military. Include regular income from annuities and IRA or KEOGH retirement plans.
- h.** Include Veterans' (VA) disability compensation and educational assistance payments (VEAP), unemployment compensation, child support or alimony, and all other regular payments such as Armed Forces transfer payments; assistance from private charities; regular contributions from persons not living in the household, etc.
Do not include the following as income in any item:
- Refunds or rebates of any kind
 - Withdrawals from savings of any kind
 - Capital gains or losses from the sale of homes, shares of stock, etc.
 - Inheritances or insurance settlements
 - Any type of loan
 - Pay in-kind such as food, free rent, etc.

What the Census Is About – Some Questions and Answers

Why are we taking a census?

The most important reason for taking a decennial census is to determine how many representatives each state will have in Congress.

What does the Census Bureau do with the information you provide?

The individual information collected in the census is grouped together into statistical totals. Information such as the number of persons in a given area, their ages, educational background, the characteristics of their housing, etc., enable government, business, and industry to plan more effectively.

How long have we been taking the census?

The first census was taken in 1790 in accordance with the requirement in the first article of the constitution. A census has been taken every 10 years since. The 1990 Decennial Census marks the 200th anniversary of the census.

How are you being counted?

Census forms are delivered to all households a few days before census day. Households are requested to fill out the form and mail it back to the census office.

Why the Census Asks Certain Questions

Here are a few reasons for asking some of the questions.

It is as important to get information about people and their houses as it is to count them.

Name?

Names help make sure that everyone in a household is counted, but that no one is counted twice.

Value or rent?

Government and planning agencies use answers to these questions in combination with other information to develop housing programs to meet the needs of people at different economic levels.

Complete plumbing?

This question gives information on the quality of housing. The data are used with other statistics to show how the "level of living" compares in various areas and how it has changed over time.

Place of birth?

This question provides information used to study long-term trends as to where people move and to study migration patterns and differences in growth patterns.

Job?

Answers to the questions about the jobs people hold provide information on the extent and types of employment in different areas of the country. From this information, training programs can be developed and the need for new industries can be determined.

Income?

Income, more than anything else, determines how families or persons live. Income information makes it possible to compare the economic levels of different areas.

CENSUS '90

OFFICIAL 1990 U.S. CENSUS FORM



Thank you for taking time to complete and return this census questionnaire. It's important to you, your community, and the Nation.

The law requires answers but guarantees privacy.

By law (Title 13, U.S. Code), you're required to answer the census questions to the best of your knowledge. However, the same law guarantees that your census form remains confidential. For 72 years--or until the year 2062--only Census Bureau employees can see your form. No one else--no other government body, no police department, no court system or welfare agency--is permitted to see this confidential information under any circumstances.

How to get started--and get help.

Start by listing on the next page the names of all the people who live in your home. Please answer all questions with a black lead pencil. You'll find detailed instructions for answering the census in the enclosed guide. If you need additional help, call the toll-free telephone number to the left, near your address.

Please answer and return your form promptly.

Complete your form and return it by April 1, 1990 in the postage-paid envelope provided. Avoid the inconvenience of having a census taker visit your home.

Again, thank you for answering the 1990 Census.
Remember: Return the completed form by April 1, 1990.

Para personas de habla hispana --

(For Spanish-speaking persons)

Si usted desea un cuestionario del censo en español, llame sin cargo alguno al siguiente número: **1-800-CUENTAN**
(o sea 1-800-283-6826)

U.S. Department of Commerce
BUREAU OF THE CENSUS
FORM D-2

OMB No. 0607-0628
Approval Expires 07/31/91

Page 1

The 1990 census must count every person at his or her "usual residence." This means the place where the person lives and sleeps most of the time.

1a. List on the numbered lines below the name of each person living here on Sunday, April 1, including all persons staying here who have no other home. If EVERYONE at this address is staying here temporarily and usually lives somewhere else, follow the instructions given in question 1b below.

Include

- Everyone who usually lives here such as family members, housemates and roommates, foster children, roomers, boarders, and live-in employees
- Persons who are temporarily away on a business trip, on vacation, or in a general hospital
- College students who stay here while attending college
- Persons in the Armed Forces who live here
- Newborn babies still in the hospital
- Children in boarding schools below the college level
- Persons who stay here most of the week while working even if they have a home somewhere else
- Persons with no other home who are staying here on April 1

Do NOT include

- Persons who usually live somewhere else
- Persons who are away in an institution such as a prison, mental hospital, or a nursing home
- College students who live somewhere else while attending college
- Persons in the Armed Forces who live somewhere else
- Persons who stay somewhere else most of the week while working

Print last name, first name, and middle initial for each person. Begin on line 1 with the household member (or one of the household members) in whose name this house or apartment is owned, being bought, or rented. If there is no such person, start on line 1 with any adult household member.

LAST	FIRST	INITIAL	LAST	FIRST	INITIAL
1			7		
2			8		
3			9		
4			10		
5			11		
6			12		

1b. If EVERYONE is staying here only temporarily and usually lives somewhere else, list the name of each person on the numbered lines above, fill this circle and print their usual address below. DO NOT PRINT THE ADDRESS LISTED ON THE FRONT COVER.

House number	Street or road/Rural route and box number	Apartment number
City	State	ZIP Code
County or foreign country	Names of nearest intersecting streets or roads	

NOW PLEASE OPEN THE FLAP TO PAGE 2 AND ANSWER ALL QUESTIONS FOR THE FIRST 7 PEOPLE LISTED. USE A BLACK LEAD PENCIL ONLY.

Please fill one column → for each person listed in Question 1a on page 1.	PERSON 1		PERSON 2																																																																																																																																																																																																																	
	Last name		Last name																																																																																																																																																																																																																	
	First name	Middle initial	First name	Middle initial																																																																																																																																																																																																																
<p>2. How is this person related to PERSON 1?</p> <p>Fill ONE circle for each person.</p> <p>If Other relative of person in column 1, fill circle and print exact relationship, such as mother-in-law, grandparent, son-in-law, niece, cousin, and so on.</p>	<p>START in this column with the household member (or one of the members) in whose name the home is owned, being bought, or rented.</p> <p>If there is no such person, start in this column with any adult household member.</p> <p style="text-align: center;">■</p>		<p>If a RELATIVE of Person 1:</p> <p><input type="radio"/> Husband/wife <input type="radio"/> Brother/sister</p> <p><input type="radio"/> Natural-born or adopted son/daughter <input type="radio"/> Father/mother</p> <p><input type="radio"/> Stepson/stepdaughter <input type="radio"/> Grandchild</p> <p><input type="radio"/> Other relative →</p> <hr/> <p>If NOT RELATED to Person 1:</p> <p><input type="radio"/> Roomer, boarder, or foster child <input type="radio"/> Unmarried partner</p> <p><input type="radio"/> Housemate, roommate ■ <input type="radio"/> Other nonrelative</p>																																																																																																																																																																																																																	
<p>3. Sex</p> <p>Fill ONE circle for each person.</p>	<p><input type="radio"/> Male <input type="radio"/> Female</p>		<p><input type="radio"/> Male <input type="radio"/> Female</p>																																																																																																																																																																																																																	
<p>4. Race</p> <p>Fill ONE circle for the race that the person considers himself/herself to be.</p> <p>If Indian (Amer.), print the name of the enrolled or principal tribe. →</p> <p>If Other Asian or Pacific Islander (API), print one group, for example: Hmong, Fijian, Laotian, Thai, Tongan, Pakistani, Cambodian, and so on. →</p> <p>If Other race, print race. →</p>	<p><input type="radio"/> White</p> <p><input type="radio"/> Black or Negro</p> <p><input type="radio"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) →</p> <p><input type="radio"/> Eskimo</p> <p><input type="radio"/> Aleut</p> <p><input type="radio"/> Asian or Pacific Islander (API)</p> <p><input type="radio"/> Chinese <input type="radio"/> Japanese</p> <p><input type="radio"/> Filipino ■ <input type="radio"/> Asian Indian</p> <p><input type="radio"/> Hawaiian <input type="radio"/> Samoan</p> <p><input type="radio"/> Korean <input type="radio"/> Guamanian</p> <p><input type="radio"/> Vietnamese <input type="radio"/> Other API →</p> <p><input type="radio"/> Other race (Print race) →</p>		<p><input type="radio"/> White</p> <p><input type="radio"/> Black or Negro</p> <p><input type="radio"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) →</p> <p><input type="radio"/> Eskimo</p> <p><input type="radio"/> Aleut</p> <p><input type="radio"/> Asian or Pacific Islander (API)</p> <p><input type="radio"/> Chinese <input type="radio"/> Japanese</p> <p><input type="radio"/> Filipino ■ <input type="radio"/> Asian Indian</p> <p><input type="radio"/> Hawaiian <input type="radio"/> Samoan</p> <p><input type="radio"/> Korean <input type="radio"/> Guamanian</p> <p><input type="radio"/> Vietnamese <input type="radio"/> Other API →</p> <p><input type="radio"/> Other race (Print race) →</p>																																																																																																																																																																																																																	
<p>5. Age and year of birth</p> <p>a. Print each person's age at last birthday. Fill in the matching circle below each box.</p> <p>b. Print each person's year of birth and fill the matching circle below each box.</p>	<p>a. Age</p> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table> <p>b. Year of birth</p> <table border="1"> <tr><td>1</td><td>8</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table>						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	1	8	0	0	0	0	9	1	0	1	0	0	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	<p>a. Age</p> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table> <p>b. Year of birth</p> <table border="1"> <tr><td>1</td><td>8</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table>						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	1	8	0	0	0	0	9	1	0	1	0	0	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9
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<p>6. Marital status</p> <p>Fill ONE circle for each person.</p>	<p><input type="radio"/> Now married <input type="radio"/> Separated</p> <p><input type="radio"/> Widowed <input type="radio"/> Never married</p> <p><input type="radio"/> Divorced</p>		<p><input type="radio"/> Now married <input type="radio"/> Separated</p> <p><input type="radio"/> Widowed <input type="radio"/> Never married</p> <p><input type="radio"/> Divorced</p>																																																																																																																																																																																																																	
<p>7. Is this person of Spanish/Hispanic origin?</p> <p>Fill ONE circle for each person.</p> <p>If Yes, other Spanish/Hispanic, print one group. →</p>	<p><input type="radio"/> No (not Spanish/Hispanic)</p> <p><input type="radio"/> Yes, Mexican, Mexican-Am., Chicano</p> <p><input type="radio"/> Yes, Puerto Rican ■</p> <p><input type="radio"/> Yes, Cuban</p> <p><input type="radio"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →</p>		<p><input type="radio"/> No (not Spanish/Hispanic)</p> <p><input type="radio"/> Yes, Mexican, Mexican-Am., Chicano</p> <p><input type="radio"/> Yes, Puerto Rican</p> <p><input type="radio"/> Yes, Cuban</p> <p><input type="radio"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →</p>																																																																																																																																																																																																																	
<p>FOR CENSUS USE →</p>	<p><input type="radio"/></p> <p><input type="radio"/></p>		<p><input type="radio"/></p> <p><input type="radio"/></p>																																																																																																																																																																																																																	

PERSON 7

Last name _____

First name _____ Middle initial _____

If a RELATIVE of Person 1:

Husband/wife Brother/sister
 Natural-born or adopted son/daughter Father/mother or Grandchild
 Stepson/stepdaughter Other relative

If NOT RELATED to Person 1:

Roomer, boarder, or foster child Unmarried partner
 Housemate, roommate Other nonrelative

Male Female

White
 Black or Negro
 Indian (Amer.) (Print the name of the enrolled or principal tribe.)
 Eskimo
 Aleut
 Asian or Pacific Islander (API)
 Chinese Japanese
 Filipino Asian Indian
 Hawaiian Samoan
 Korean Guamanian
 Vietnamese Other API
 Other race (Print race)

a. Age b. Year of birth

0	0	0	0	1	8	0	0	0	0
1	1	1	1	9	9	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

Now married Separated
 Widowed Never married
 Divorced

No (not Spanish/Hispanic)
 Yes, Mexican, Mexican-Am., Chicano
 Yes, Puerto Rican
 Yes, Cuban
 Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.)

NOW PLEASE ANSWER QUESTIONS H1a-H26 FOR THIS HOUSEHOLD

H1a. Did you leave anyone out of your list of persons for Question 1a on page 1 because you were not sure if the person should be listed — for example, someone temporarily away on a business trip or vacation, a newborn baby still in the hospital, or a person who stays here once in a while and has no other home?

Yes, please print the name(s) and reason(s).
 No

If this is a ONE-FAMILY HOUSE —

H5a. Is this house on ten or more acres?

Yes No

b. Is there a business (such as a store or barber shop) or a medical office on this property?

Yes No

b. Did you include anyone in your list of persons for Question 1a on page 1 even though you were not sure that the person should be listed — for example, a visitor who is staying here temporarily or a person who usually lives somewhere else?

Yes, please print the name(s) and reason(s).
 No

Answer only if you or someone in this household OWNS OR IS BUYING this house or apartment —

H6. What is the value of this property; that is, how much do you think this house and lot or condominium unit would sell for if it were for sale?

Less than \$10,000 \$70,000 to \$74,999
 \$10,000 to \$14,999 \$75,000 to \$79,999
 \$15,000 to \$19,999 \$80,000 to \$89,999
 \$20,000 to \$24,999 \$90,000 to \$99,999
 \$25,000 to \$29,999 \$100,000 to \$124,999
 \$30,000 to \$34,999 \$125,000 to \$149,999
 \$35,000 to \$39,999 \$150,000 to \$174,999
 \$40,000 to \$44,999 \$175,000 to \$199,999
 \$45,000 to \$49,999 \$200,000 to \$249,999
 \$50,000 to \$54,999 \$250,000 to \$299,999
 \$55,000 to \$59,999 \$300,000 to \$399,999
 \$60,000 to \$64,999 \$400,000 to \$499,999
 \$65,000 to \$69,999 \$500,000 or more

H2. Which best describes this building? Include all apartments, flats, etc., even if vacant.

A mobile home or trailer
 A one-family house detached from any other house
 A one-family house attached to one or more houses
 A building with 2 apartments
 A building with 3 or 4 apartments
 A building with 5 to 9 apartments
 A building with 10 to 19 apartments
 A building with 20 to 49 apartments
 A building with 50 or more apartments
 Other

Answer only if you PAY RENT for this house or apartment —

H7a. What is the monthly rent?

Less than \$80 \$375 to \$399
 \$80 to \$99 \$400 to \$424
 \$100 to \$124 \$425 to \$449
 \$125 to \$149 \$450 to \$474
 \$150 to \$174 \$475 to \$499
 \$175 to \$199 \$500 to \$524
 \$200 to \$224 \$525 to \$549
 \$225 to \$249 \$550 to \$599
 \$250 to \$274 \$600 to \$649
 \$275 to \$299 \$650 to \$699
 \$300 to \$324 \$700 to \$749
 \$325 to \$349 \$750 to \$999
 \$350 to \$374 \$1,000 or more

H3. How many rooms do you have in this house or apartment? 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

b. Does the monthly rent include any meals?

Yes No

FOR CENSUS USE

A. Total persons	B. Type of unit		D. Months vacant		G. DO		ID	
	Occupied	Vacant	<input type="radio"/> Less than 1	<input type="radio"/> 6 up to 12				
	<input type="radio"/> First form	<input type="radio"/> Regular	<input type="radio"/> 1 up to 2	<input type="radio"/> 12 up to 24				
	<input type="radio"/> Cont'n	<input type="radio"/> Usual home elsewhere	<input type="radio"/> 2 up to 6	<input type="radio"/> 24 or more				
	C1. Vacancy status		E. Complete after					
	<input type="radio"/> For rent	<input type="radio"/> For seas/rec/occ	<input type="radio"/> LR	<input type="radio"/> TC	<input type="radio"/> QA	<input type="radio"/> JIC 1		
	<input type="radio"/> For sale only	<input type="radio"/> Rented or sold, not occupied	<input type="radio"/> P/F	<input type="radio"/> RE	<input type="radio"/> I/T	<input type="radio"/>		
	<input type="radio"/> Other vacant	<input type="radio"/>	<input type="radio"/> MV	<input type="radio"/> ED	<input type="radio"/> EN	<input type="radio"/>		
	C2. Is this unit boarded up?		<input type="radio"/> P0	<input type="radio"/> P3	<input type="radio"/> P6	<input type="radio"/>		
	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> P1	<input type="radio"/> P4	<input type="radio"/> IA	<input type="radio"/> JIC 2		
			<input type="radio"/> P2	<input type="radio"/> P5	<input type="radio"/> SM	<input type="radio"/>		
			F. Cov.					
			<input type="radio"/> 1b	<input type="radio"/> 1a	<input type="radio"/> 7	<input type="radio"/> H1		

<p>H8. When did the person listed in column 1 on page 2 move into this house or apartment?</p> <p> <input type="radio"/> 1989 or 1990 <input type="radio"/> 1985 to 1988 <input type="radio"/> 1980 to 1984 <input type="radio"/> 1970 to 1979 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1959 or earlier </p>	<p>H14. Which FUEL is used MOST for heating this house or apartment?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Solar energy <input type="radio"/> Other fuel <input type="radio"/> No fuel used </p>	<p>H20. What are the yearly costs of utilities and fuels for this house or apartment? If you have lived here less than 1 year, estimate the yearly cost.</p> <p>a. Electricity</p> <div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 10px auto;"> \$ _____ .00 Yearly cost — Dollars </div> <p style="text-align: center;">OR</p> <p> <input type="radio"/> Included in rent or in condominium fee <input type="radio"/> No charge or electricity not used </p> <hr/> <p>b. Gas</p> <div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 10px auto;"> \$ _____ .00 Yearly cost — Dollars </div> <p style="text-align: center;">OR</p> <p> <input type="radio"/> Included in rent or in condominium fee <input type="radio"/> No charge or gas not used </p> <hr/> <p>c. Water</p> <div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 10px auto;"> \$ _____ .00 Yearly cost — Dollars </div> <p style="text-align: center;">OR</p> <p> <input type="radio"/> Included in rent or in condominium fee <input type="radio"/> No charge </p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.</p> <div style="border: 1px dashed black; padding: 5px; width: fit-content; margin: 10px auto;"> \$ _____ .00 Yearly cost — Dollars </div> <p style="text-align: center;">OR</p> <p> <input type="radio"/> Included in rent or in condominium fee <input type="radio"/> No charge or these fuels not used </p>
<p>H9. How many bedrooms do you have; that is, how many bedrooms would you list if this house or apartment were on the market for sale or rent?</p> <p> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms </p>	<p>H15. Do you get water from —</p> <p> <input type="radio"/> A public system such as a city water department, or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source such as a spring, creek, river, cistern, etc.? </p>	
<p>H10. Do you have COMPLETE plumbing facilities in this house or apartment; that is, 1) hot and cold piped water, 2) a flush toilet, and 3) a bathtub or shower?</p> <p> <input type="radio"/> Yes, have all three facilities <input type="radio"/> No </p>	<p>H16. Is this building connected to a public sewer?</p> <p> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means </p>	
<p>H11. Do you have COMPLETE kitchen facilities; that is, 1) a sink with piped water, 2) a range or cookstove, and 3) a refrigerator?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H17. About when was this building first built?</p> <p> <input type="radio"/> 1989 or 1990 <input type="radio"/> 1985 to 1988 <input type="radio"/> 1980 to 1984 <input type="radio"/> 1970 to 1979 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier <input type="radio"/> Don't know </p>	
<p>H12. Do you have a telephone in this house or apartment?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H18. Is this house or apartment part of a condominium?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	
<p>H13. How many automobiles, vans, and trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 or more </p>	<p>H19a. Is this house on less than 1 acre?</p> <p> <input type="radio"/> Yes — Skip to H20 <input type="radio"/> No </p>	
<p>b. In 1989, what were the actual sales of all agricultural products from this property?</p> <p> <input type="radio"/> None <input type="radio"/> \$1 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more </p>	<p style="text-align: center;"><i>If you live in an apartment building, skip to H20.</i></p>	

QUESTIONS FOR YOUR HOUSEHOLD

INSTRUCTION:
 Answer questions H21 TO H26, if this is a one-family house, a condominium, or a mobile home that someone in this household OWNS OR IS BUYING; otherwise, go to page 6.

H21. What were the real estate taxes on THIS property last year?

\$.00
 Yearly amount — Dollars

OR

None

H22. What was the annual payment for fire, hazard, and flood insurance on THIS property?

\$.00
 Yearly amount — Dollars

OR

None

H23a. 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 } *Go to H23b*
 Yes, contract to purchase }
 No — Skip to H24a

b. How much is your regular monthly mortgage payment on THIS property? Include payment only on first mortgage or contract to purchase.

\$.00
 Monthly amount — Dollars

OR

No regular payment required — Skip to H24a

c. Does your regular monthly mortgage payment include payments for real estate taxes on THIS property?

Yes, taxes included in payment
 No, taxes paid separately or taxes not required

d. Does your regular monthly mortgage payment include payments for fire, hazard, or flood insurance on THIS property?

Yes, insurance included in payment
 No, insurance paid separately or no insurance

H24a. Do you have a second or junior mortgage or a home equity loan on THIS property?

Yes
 No — Skip to H25

b. How much is your regular monthly payment on all second or junior mortgages and all home equity loans?

\$.00
 Monthly amount — Dollars

OR

No regular payment required

Answer ONLY if this is a CONDOMINIUM —

H25. What is the monthly condominium fee?

\$.00
 Monthly amount — Dollars

Answer ONLY if this is a MOBILE HOME —

H26. What was the total cost for personal property taxes, site rent, registration fees, and license fees on this mobile home and its site last year? Exclude real estate taxes.

\$.00
 Yearly amount — Dollars

Please turn to page 6. →

9
8
7
6
5
4
3
2
1
0

23a. How did this person usually get to work LAST WEEK? If this person usually used more than one method of transportation during the trip, fill the circle of the one used for most of the distance.

Car, truck, or van Motorcycle
 Bus or trolley bus Bicycle
 Streetcar or trolley car Walked
 Subway or elevated Worked at home
 Railroad Skip to 28
 Ferryboat Other method
 Taxicab

If "car, truck, or van" is marked in 23a, go to 23b. Otherwise, skip to 24a.

b. How many people, including this person, usually rode to work in the car, truck, or van LAST WEEK?

Drove alone 5 people
 2 people 6 people
 3 people 7 to 9 people
 4 people 10 or more people

24a. What time did this person usually leave home to go to work LAST WEEK?

a.m.
 p.m.

b. How many minutes did it usually take this person to get from home to work LAST WEEK?

Minutes — Skip to 28

25. Was this person TEMPORARILY absent or on layoff from a job or business LAST WEEK?

Yes, on layoff
 Yes, on vacation, temporary illness, labor dispute, etc.
 No

26a. Has this person been looking for work during the last 4 weeks?

Yes
 No — Skip to 27

b. Could this person have taken a job LAST WEEK if one had been offered?

No, already has a job
 No, temporarily ill
 No, other reasons (in school, etc.)
 Yes, could have taken a job

27. When did this person last work, even for a few days?

1990 1980 to 1984
 1989 1979 or earlier
 1988 Never worked
 1985 to 1987

Go to 28 *Skip to 32*

28-30. CURRENT OR MOST RECENT JOB ACTIVITY. 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 his/her last job or business since 1985.

28. Industry or Employer

a. For whom did this person work? If now on active duty in the Armed Forces, fill this circle and print the branch of the Armed Forces.

(Name of company, business, or other employer)

b. What kind of business or industry was this? Describe the activity at location where employed.

(For example: hospital, newspaper publishing, mail order house, auto engine manufacturing, retail bakery)

c. Is this mainly — Fill ONE circle

Manufacturing Other (agriculture, construction, service, government, etc.)
 Wholesale trade
 Retail trade

29. Occupation

a. What kind of work was this person doing?

(For example: registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, cake icer)

b. What were this person's most important activities or duties?

(For example: patient care, directing hiring policies, supervising order clerks, assembling engines, icing cakes)

30. Was this person — Fill ONE circle

Employee of a PRIVATE FOR PROFIT company or business or of an individual, for wages, salary, or commissions
 Employee of a PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization
 Local GOVERNMENT employee (city, county, etc.)
 State GOVERNMENT employee
 Federal GOVERNMENT employee
 SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm
 SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm
 Working WITHOUT PAY in family business or farm

31a. Last year (1989), did this person work, even for a few days, at a paid job or in a business or farm?

Yes
 No — Skip to 32

b. How many weeks did this person work in 1989? Count paid vacation, paid sick leave, and military service.

Weeks

c. During the weeks WORKED in 1989, how many hours did this person usually work each week?

Hours

32. INCOME IN 1989 — Fill the "Yes" circle below for each income source received during 1989. Otherwise, fill the "No" circle. If "Yes," enter the total amount received during 1989. For income received jointly, see instruction guide. If exact amount is not known, please give best estimate. If net income was a loss, write "Loss" above the dollar amount.

a. Wages, salary, commissions, bonuses, or tips from all jobs — Report amount before deductions for taxes, bonds, dues, or other items.

Yes
 No \$.00
 Annual amount — Dollars

b. Self-employment income from own nonfarm business, including proprietorship and partnership — Report NET income after business expenses.

Yes
 No \$.00
 Annual amount — Dollars

c. Farm self-employment income — Report NET income after operating expenses. Include earnings as a tenant farmer or sharecropper.

Yes
 No \$.00
 Annual amount — Dollars

d. Interest, dividends, net rental income or royalty income, or income from estates and trusts — Report even small amounts credited to an account.

Yes
 No \$.00
 Annual amount — Dollars

e. Social Security or Railroad Retirement

Yes
 No \$.00
 Annual amount — Dollars

f. Supplemental Security Income (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments.

Yes
 No \$.00
 Annual amount — Dollars

g. Retirement, survivor, or disability pensions — Do NOT include Social Security.

Yes
 No \$.00
 Annual amount — Dollars

h. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — Do NOT include lump-sum payments such as money from an inheritance or the sale of a home.

Yes
 No \$.00
 Annual amount — Dollars

33. What was this person's total income in 1989? Add entries in questions 32a through 32h; subtract any losses. If total amount was a loss, write "Loss" above amount.

None OR \$.00
 Annual amount — Dollars

Please turn the page and answer questions for Person 2 listed on page 1. If this is the last person listed in question 1a on page 1, go to the back of the form.

APPENDIX F.

Data Products and User Assistance

CONTENTS

Data Products	F-1
Geographic Products	F-3
Other Census Bureau Resources	F-6
Reference Materials	F-4
Sources of Assistance	F-5

The 1990 census data products, being released during 1991-93, are available in a variety of new and traditional media. The Census Bureau has increased the product options available to data users in an effort to meet a variety of requirements and maximize the usefulness of the data. For example, laser discs, called CD-ROM (compact disc—read-only memory), are a new data delivery medium.

The Census Bureau also has expanded services and sources of assistance available to data users. For example, the State Data Center Program has been expanded to include over 1,400 organizations to provide data and services to the public.

This appendix provides a detailed introduction to the 1990 census data products and related materials, such as maps and reference publications. It concludes by describing sources of assistance and other Census Bureau data available to the public.

DATA PRODUCTS

Printed reports and computer tape files traditionally are the most widely used products. The Census Bureau also offers data on microfiche, on CD-ROM laser discs, and through its online service, CENDATA™. These various products are described below. For information about prices and how to order, write or call Customer Services. (See the “Sources of Assistance” section for the address and phone number.)

The data products present statistics about the subjects covered in the 1990 census questionnaires. These subjects are listed in figure 1, page F-7. As the figure shows, there are 100-percent subjects (those covered in questions asked of everyone or about every housing unit) and sample subjects (those covered in questions asked at about one out of every six housing units). Generally, a data product presents either 100-percent data prepared by tabulating the responses to the 100-percent questions from all questionnaires, or sample data prepared by tabulating only the responses to the 100-percent and sample questions from the “long-form” questionnaires. Two report series, 1990 CPH-3 and 1990 CPH-4 (see figure 2, page F-8), present both 100-percent and sample data.

Printed Reports

Printed reports are the most convenient and readily available source of data for most census users. The Census Bureau releases the reports in several series (see figure 2) that are grouped under three broad titles: *1990 Census of Population and Housing* (1990 CPH), *1990 Census of Population* (1990 CP), and *1990 Census of Housing* (1990 CH). There also are reports, not reflected in figure 2, for the outlying areas of the Pacific. The reports are sold by the Superintendent of Documents, U.S. Government Printing Office. (See the “Sources of Assistance” section for the address and phone number.)

In several series, there are separate reports for each State. The geographic coverage of the State reports is listed in figure 2. The United States summaries for these report series contain, for the most part, data for the United States, regions, divisions, States, metropolitan areas (MA’s), urbanized areas (UA’s), counties, American Indian and Alaska Native areas, places with 10,000 or more persons, and other large substate areas (for example, county subdivisions, such as towns and townships, with 10,000 or more persons in selected States).

Report series that present data for small areas, such as census tracts, contain limited subject-matter detail (for example, counts of people by age ranges—under 5 years, 5 to 9 years, etc.—rather than by single years). Report series that include greater amounts of subject-matter detail include less geographic detail.

Computer Tape Files

The Census Bureau provides more data on tape and other machine-readable products than in printed reports. These products are sold by the Census Bureau’s Customer Services. There are several general types of data files released on computer tape (available on both reels and cartridges). They are introduced below, and more information is presented in figures 3 and 4, pages F-11 through F-13.

Public Law 94-171 Data—This data file presents the counts designed and formatted for use in legislative re-districting. These counts also are available on CD-ROM and paper listings. Excerpts are available on CENDATA™. The counts, for areas as small as blocks, census tracts, and voting districts, include totals for population, race groups, persons of Hispanic origin, population 18 years and over, and housing units. (See figure 4.)

Summary Tape Files (STF's)—These computer tape files provide statistics with greater subject-matter detail than printed reports. They also present statistics for some types of areas, such as block groups and blocks, that are not included in the reports. (See figure 3.)

Here are some important features of STF's:

- Each STF presents a particular set of data tables for specific types of geographic areas.
- Each STF has three or more file types (indicated by a letter suffix attached to the STF number) that differ in the geographic levels reported, but contain the same data detail.
- STF's 1 and 2 contain 100-percent data, and STF's 3 and 4 offer sample data.
- STF's 1 and 3 report on smaller areas and offer less data detail than STF's 2 and 4.
- STF's 1 through 4 offer greater data detail than the 1980 STF's 1 through 4.

Subject Summary Tape Files (SSTF's)—These files are the source of the subject reports and provide greater subject-matter detail than the STF's. They present data for the United States, regions, and divisions, and, in some cases, also for States, counties, and large cities. (See figure 4.)

Public Use Microdata Sample (PUMS) Files—These computer tape files (see figure 4) contain data from samples of long-form housing-unit records ("microdata") for large geographic areas. Each sample housing-unit record includes essentially all the 1990 census data collected about each person in a sample household and the characteristics of the housing unit. Information that could be used to identify an individual or a housing unit is not included in the file.

Microdata files enable users to prepare customized tabulations and cross-tabulations of most items on the census questionnaire. There are two standard PUMS files:

- A file presenting a 5-percent sample of housing units in which each household record includes codes to let the user know in what area, such as a group of counties, a single county, or a place, the household is located. Each area identified must have a population of at least 100,000 and boundaries that do not cross State lines.
- A file presenting a 1-percent sample of housing units. Its household records include codes associating them with MA's and other large areas, the boundaries of which may cross State lines. (For the 1980 census, there were two files with 1-percent samples. The 1-percent sample showing data for selected urbanized areas and other large areas will not be produced for the 1990 census.)

There also is a special 3-percent "elderly" file with the same geography as the 5-percent sample. Included are households with at least one person age 60 or more and all members of those households.

Other Special Computer Tape Files—Other files include the Census/Equal Employment Opportunity (EEO) File and the County-to-County Migration File. (See figure 4.) The Census Bureau may prepare additional special files.

Microfiche

All printed reports are offered on microfiche from Customer Services soon after they are published. Plans to prepare microfiche versions of selected other products were canceled, so that more products could be produced on CD-ROM.

Compact Disc—Read-Only Memory (CD-ROM)

For the 1990 census, the Public Law (P.L.) 94-171 file; an extract of STF 1B that presents selected statistics for blocks; and STF's 1A, 1C, 3A, 3B, and 3C are also available on CD-ROM. The Census Bureau also offers on CD-ROM: PUMS Files, SSTF's, Census EEO File, and County-to-County Migration File. (One 4 3/4-inch CD-ROM, a type of optical or laser disc, can hold the contents of approximately 1,600 flexible diskettes, or three or four high-density computer tapes.)

Online Information Systems

The Census Bureau began CENDATA™, its online information service, in 1984. CENDATA™ is accessible through two information vendors, CompuServe and DIALOG. A number of Census Bureau reports, in whole or in part, are offered online. For the 1990 census, CENDATA™ provides up-to-date information about the availability of data products and carries selections of State, county, MA, and place data from the P.L. 94-171 tape file and STF's 1 and 3. CENDATA™ also offers the entire Census EEO File.

Custom Data Products

These products are for users who require unique tabulations that are not included in standard products; for example, information for locally defined geographic areas. Users also can order special microdata files.

The cost of preparing custom products must be paid by the users who request them. Any data that the Census Bureau provides in these products are subject to the same standards applied to other data to ensure that confidential individual information is not revealed.

User-Defined Areas Program (UDAP) Tabulations—UDAP can provide a set of predefined data tables for locally defined areas that do not correspond to standard 1990 census geographic areas. Users identify the geographic areas of interest to them by delineating boundaries around groupings of census blocks on 1990 census County

Block Maps or by electronically submitting the geographic components of their area of interest. (A contact for more information is given in the "Sources of Assistance" section.)

Special Tabulations—The Census Bureau can prepare special data tabulations for any specific geographic or subject-matter area. Users should rely on standard reports, tapes, microfiche, or user-defined area tabulations whenever possible, since special tabulations tend to be substantially more expensive and take time to arrange and produce. (Contacts for more information are given in the "Sources of Assistance" section.)

GEOGRAPHIC PRODUCTS

Maps

Census Bureau maps are necessary for virtually all uses of small-area 1990 census data. They are needed to locate the specific geographic areas for which the census provides data and to study the spatial relationship of the data for analytic purposes. The Census Bureau prepares a variety of 1990 census maps. Among the most useful are these series:

County Block Maps—These maps show census blocks and their numbers; boundaries for statistical and governmental entities, such as census tracts and places; and physical features. The P.L. 94-171 version of these maps also shows voting district boundaries in those States that furnished them. The maps are prepared on electrostatic plotters by county (or equivalent entity) with one or more map sheets each, depending on the size and shape of the area and the density of the block pattern. An average county requires 20 map sheets. The maps may be purchased from Customer Services.

County Subdivision Outline Maps—Maps in this State-based series present the boundaries of the counties, county subdivisions, places, American Indian and Alaska Native areas (including off-reservation trust lands), tribal designated statistical areas, and tribal jurisdiction statistical areas. Electrostatic-plotter copies are available for purchase from Customer Services. Also, they appear on multiple page-size sheets in the State reports of these series: 1990 CPH-1, 1990 CPH-2, 1990 CPH-5, 1990 CP-1, 1990 CP-2, 1990 CH-1, and 1990 CH-2.

Census Tract/Block Numbering Area (BNA) Outline Maps—Maps in this county-based series depict census tract or BNA boundaries and numbers, and the features underlying the boundaries. They also show governmental units in relation to the census tracts/BNA's. The Superintendent of Documents sells printed copies.

Urbanized Area Outline/ Boundary Maps—Maps in this urbanized area-based series depict the boundaries of the urbanized area and the features underlying the boundaries. They also show the boundaries for American Indian

and Alaska Native areas (AIANA's), States, counties, county subdivisions (MCD's/ CCD's), places (incorporated and census designated), the map series subject area, and selected base features and their names at a small scale. Electrostatic-plotter copies are available for purchase from Customer Services. Also, they appear on multiple page-size sheets in the State reports of the 1990 CPH-2 series and the Supplementary Report, *Population and Land Area of Urbanized Areas for the United States and Puerto Rico: 1990*.

Voting District Outline Maps—Maps in this county-based series depict voting district boundaries (for those counties for which States furnished boundary information) and the features underlying the boundaries. They also show governmental unit boundaries in relation to the voting districts. They are prepared on electrostatic plotters and sold by Customer Services.

Geographic Publications

The *Geographic Identification Code Scheme* report in the 1990 CPH-R series will not be printed. Persons interested in this report are encouraged to use the TIGER/ GICS™ tape file (which also will be available on CD-ROM) described below. Listings similar to the tables that would have been included in the report may be offered. Contact Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233, telephone 301-763-4100.

The *Congressional District Atlas, 103rd Congress of the United States* is a two-volume, 1,200-page atlas depicting the boundaries and number of the districts for the 103rd Congress as defined following the 1990 decennial census. This is the first Congress defined following the 1990 decennial census and, therefore, illustrates the most significant changes of the decade, including the reapportionment of the U.S. House of Representatives. Congressional district boundaries following governmental unit boundaries such as an incorporated place of a minor civil division, are illustrated using symbology identified in the map legend. Wherever possible, features used as congressional district boundaries are identified by their feature name or their feature type. The Census Bureau may produce subsequent atlases if court ordered or State mandated redistricting creates new congressional district boundaries. The Atlas is sold by the Superintendent of Documents (stock no. 003-024-08683-2; \$42).

Machine-Readable Geographic Files

All 1990 census summary tape files include 1990 census geographic area codes, FIPS codes, certain area names, land and inland water area in square kilometers, geographic coordinates for an internal point for each entity, and other geographic information.

The Census Bureau developed an automated geographic data base, known as the TIGER (Topologically Integrated Geographic Encoding and Referencing) System, to produce the geographic products for the 1990

census. TIGER provides coordinate-based digital map information for the entire United States, Puerto Rico, the U.S. Virgin Islands, and the Pacific territories over which the United States has jurisdiction.

The TIGER System has significantly improved the utility of 1990 census maps and geographic reference products. Extract files generated from the TIGER System permit users, with appropriate software, to perform such tasks as linking the statistical data in the P.L. 94-171 file or the STF's and displaying selected characteristics on maps or a video display screen at different scales and with whatever boundaries they select for any geographic area of the country. For example, a map for a particular county could show the distribution of the voting age population by city block.

The first extract of selected geographic and cartographic information intended for computer applications, such as plotting maps and building geographic information systems, is called the TIGER/Line™ files. TIGER/Line™ files (released on tape and CD-ROM) contain attributes for the segments of each boundary and feature (for example, roads, railroads, and rivers), including 1990 census geographic codes for adjacent areas, latitude/longitude coordinates of segment end points and the curvature of segments, the name and type of the feature, and the relevant census feature class code identifying the feature segment by category. TIGER/Line™ files also furnish address ranges and associated ZIP Codes for each side of street segments that have city-style (house number/street name) addresses; provide the names of landmarks, such as lakes and golf courses; and include other information. The 1992 version also includes school district codes, 1990 census urbanized area codes, codes for districts of the 103rd Congress, and address range coverage expanded to include all areas that have city-style addresses.

TIGER/GICS™ file is another extract. This file contains a total of 12 files, organized on a national or State-by-State basis, for a variety of geographic entities, such as metropolitan areas and their components as of the 1990 census, 1990 census urbanized areas and their components, American Indian and Alaska Native areas and their related states and counties, as well as more familiar entities including counties with their county subdivisions and places). This file contains high-level geographic names, codes, and relationship information. It can be used to link geographic entity names to the codes in the TIGER/Line™, TIGER/SDTS™ and other TIGER extract files. It also contains 1990 census population and housing counts, population density (CD-ROM version only, but can be calculated using the tape version), and area measurement information (including land area, total water area and separate measurements for each of the four components of water—Inland, Great Lakes, Coastal, and Territorial), as well as the latitude and longitude for an internal point within each geography entity. The TIGER/GICS™ also includes corrections to names for selected entities and corrections to the FIPS 55 codes for county subdivisions and places. The first 300 characters of each record in this file are the

same as those in the Data Dictionary for the Summary Tape Files; and additional 100 characters provide the above mentioned corrections and components of water. Listings of the files in the TIGER/GICS™ may be offered. Call Customer Services at 301-763-4100.

Other TIGER System extracts, such as TIGER/Census Tract Comparability™ file and TIGER/UA Limit file, are released on computer tape and, in some cases, CD-ROM. For information on TIGER extract files, contact Customer Services.

REFERENCE MATERIALS

The Census Bureau issues several reference publications for data users. Some are sold by the Superintendent of Documents; others are distributed free by Customer Services. Addresses and phone numbers for the Superintendent of Documents and Customer Services are given in the following section.

- *1990 Census of Population and Housing, Guide*. This guide, in the 1990 CPH-R report series, provides detailed information about all aspects of the census and a comprehensive glossary of census terms. Sold by the Superintendent of Documents, U.S. Government Printing Office. (Part A, Text: stock no. 003-024-08574-7, \$11. Part B, Glossary: stock no. 003-024-08679-4, \$5.50.)
- *1990 Census of Population and Housing Tabulation and Publication Program*. A free report describing 1990 census products, comparing 1990 products with those of 1980, and more. Request from Customer Services.
- *Census '90 Basics*. A free booklet covering how the 1990 census data were collected and processed, the full range of data products, the maps and geographic files, and more, but with less detail than the Guide (above). Request from Customer Services.
- *Census ABC's—Applications in Business and Community*. A free booklet that highlights key information about the 1990 census and illustrates a variety of ways the data can be used. Request from Customer Services.
- *Maps and More*. A free, tabloid-size booklet that describes the geographic entities for which the Census Bureau tabulates data. The booklet provides information on the types of geographic entities, how their boundaries are established, and how they relate to each other. It also covers how these entities differ among the censuses and surveys and describes the geographic products available from the Census Bureau. Request from Customer Services.
- *Strength in Numbers*. A free, tabloid-size booklet designed to assist people in using 1990 census data in redistricting. Among other features, it includes illustrations of maps and Public Law 94-171 counts. Request from Customer Services.

- **TIGER: The Coast-to-Coast Digital Map Data Base.** A free booklet describing the structure and uses of the Census Bureau's TIGER System. Request from Customer Services.
- **Census and You.** The Census Bureau's monthly newsletter for data users. It reports on the latest 1990 census developments, selected new publications and computer tape files, other censuses and surveys, developments in services to users, and upcoming conferences and training courses. Subscriptions are sold by the Superintendent of Documents, U.S. Government Printing Office.
- **Monthly Product Announcement.** A free monthly listing of all new Census Bureau publications; microfiche; maps; data files on tape, diskettes, or CD-ROM; and technical documentation. To subscribe, contact Customer Services.
- **Census Catalog and Guide.** A comprehensive annual description of data products, statistical programs, and services of the Census Bureau. It provides abstracts of the publications, data files, microfiche, maps, and items online. In addition, the Catalog/ Guide offers such features as information about censuses and surveys and telephone contact lists of data specialists at the Census Bureau, the State Data Centers, and other data processing service centers. It is sold by the Superintendent of Documents, U.S. Government Printing Office.

Users also can get listings of new Census Bureau products, updated daily, by subscribing to the *Daily List*. This information and selected statistics are available online through CENDATA™, the Census Bureau's online information service. For more information, contact Customer Services.

SOURCES OF ASSISTANCE

U.S. Bureau of the Census

The Census Bureau's Customer Services sells most of the machine-readable data products, microfiche, and maps described earlier. (The 1990 census printed reports are sold by the Superintendent of Documents, as noted below.) Also, users may consult with specialists at the Census Bureau's Washington headquarters and its 12 regional offices. From time to time, the specialists also conduct workshops, seminars, and training courses.

Washington, DC, Contacts—To order products, for a telephone contacts list of Census Bureau specialists, and for general information: Customer Services, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-4100 (fax number, 301-763-4794).

For User-Defined Areas Program (UDAP) information: UDAP Staff, Decennial Planning Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-4282.

For special tabulation information: Population—Rosemarie Cowan, Population Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-5476; Housing—William Downs, Housing and Household Economic Statistics, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-8553.

Regional Office Contacts—

Atlanta, GA	404-347-2274
Boston, MA	617-565-7078
Charlotte, NC	704-344-6144
Chicago, IL	312-353-0980
Dallas, TX	214-767-7105
Denver, CO	303-969-7750
Detroit, MI	313-259-0056
Kansas City, KS	913-236-3711
Los Angeles, CA	818-904-6339
New York, NY	212-264-4730
Philadelphia, PA	215-597-8313
Seattle, WA	206-728-5314

Superintendent of Documents, U.S. Government Printing Office

The Superintendent of Documents handles the sale of most of the Federal Government's publications, including 1990 census reports. To order reports and for information: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, telephone 202-783-3238.

Other Sources of Products and Services

State Data Centers—The Census Bureau furnishes data products, training in data access and use, technical assistance, and consultation to all States, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands. State Data Centers, in turn, offer publications for reference, printouts from computer tape, specially prepared reports, maps, and other products and assistance to data users. For a list of the State Data Centers, see the *Census Catalog and Guide* or contact Customer Services. The list also notes organizations in States participating in the Census Bureau's Business/ Industry Data Center (BIDC) Program. The BIDC's help business people, economic development planners, and other data users obtain and use data.

Census Information Center (CIC)—The CIC program provides data-related services for nationally based nonprofit organizations that represent minorities or other segments of the population who have been historically undercounted in decennial censuses. The participants include social service, business, professional, civil rights, educational, and religious groups. Through the project, five nonprofit groups now offer their clientele reports, computer tape printouts, and other information from the Census

Bureau. To learn more about the program, write to the Census Information Center Branch, Data User Services Division, Bureau of the Census, Washington, DC 20233, or call 301-763-1384.

National Clearinghouse—The National Clearinghouse for Census Data Services is a listing of private companies and other organizations that offer assistance in obtaining and using data released by the Census Bureau. For a list of participants in the National Clearinghouse, see the *Census Catalog and Guide* or contact Customer Services.

Depository Libraries—There are 1,400 libraries that receive (from the Government Printing Office) Federal publications that they think their patrons will need. Often some of these publications are Census Bureau reports. The Census Bureau provides free reports to an additional 120 census depository libraries. Also, many libraries purchase census reports and maps for their areas. The *Census Catalog and Guide* includes a list of all depository libraries.

OTHER CENSUS BUREAU RESOURCES

The Census Bureau has more to offer than just the results of the census of population and housing. Through other censuses, surveys, and estimates programs, it compiles and issues (in reports, computer tape, and other media) data on subjects as diverse as appliance sales, neighborhood conditions, and exports to other countries. Here are examples of the information published about—

- *People*: Age, race, sex, income, poverty, child care, child support, fertility, noncash benefits, education, commuting habits, pension coverage, unemployment, ancestry.
- *Business and industry*: Number of employees, total payroll, sales and receipts, products manufactured or sold.
- *Housing and construction*: Value of new construction, numbers of owners and renters, property value or rent paid, housing starts, fuels used, mortgage costs.
- *Farms*: Number, acreage, livestock, crop sales.
- *Governments*: Revenues and expenditures, taxes, employment, pension funds.
- *Foreign trade*: Exports and imports, origin and destination, units shipped.
- *Other nations*: Population, birth rates, death rates, literacy, fertility.

The other censuses, such as agriculture, retail trade, manufactures, and governments, are collected for years ending in “2” and “7.” Surveys and estimates programs generate results as often as every month.

Many of the monthly “economic indicators” that measure how the Nation is doing come directly or indirectly from the Census Bureau. Examples: employment and

unemployment; housing starts; wholesale and retail trade; manufacturers’ shipments, inventories, and orders; export and import trade; and sales of single-family homes.

The other statistical activities of the Census Bureau are described below. Data users will find more information about them and descriptions of their data products in the annual *Census Catalog and Guide*. Also, special guides and brochures are prepared for most of them. Contact the Census Bureau’s Customer Services for more information.

Current Demographic and Housing Programs

Two types of current programs complement the 10-year census: population estimates and surveys. The total population of the United States is estimated monthly; the population of States, counties, and metropolitan areas is estimated annually; and the population of places and other governmental units is estimated every 2 years. Projections of future population are made at the national and State levels.

The Census Bureau’s many household surveys update population and housing characteristics at the national level and sometimes for States and metropolitan areas, as well. These surveys also obtain many characteristics not included in the 10-year census. The Current Population Survey is taken monthly; the American Housing Survey national sample is taken biennially; the American Housing Survey metropolitan sample is taken in 44 areas, 11 per year in a 4-year cycle; most other surveys are annual or less frequent.

Economic Censuses and Surveys

The economic censuses provide statistics about business establishments once every 5 years, covering years ending in “2” and “7.” The 1987 Economic Censuses include the censuses of retail trade, wholesale trade, service industries, transportation, manufactures, mineral industries, and construction industries. Also included are related programs, such as statistics on minority- and women-owned businesses, enterprise statistics, and censuses of economic activity in Puerto Rico and some of the outlying areas under U.S. jurisdiction.

Several key statistics are tabulated for all industries covered in the censuses. They are number of establishments, number of employees, payroll, and measure of output (sales or receipts, and value of shipments or of work done). Other items vary from sector to sector.

The Census Bureau also has programs that provide current statistics on such measures as total sales of particular kinds of businesses or production of particular products. These programs include monthly, quarterly, and annual surveys, the results of which appear in publication series such as *Current Business Reports* and *Current Industrial Reports*. The County Business Patterns program offers annual statistics based on data compiled primarily from administrative records.

Agriculture Census and Surveys

The agriculture census is conducted concurrently with the economic censuses. It is the only source of uniform agriculture data at the county level. It provides data on such subjects as the number and size of farms; land use and ownership; livestock, poultry, and crops; and value of products sold.

Results of three surveys—the 1988 Farm and Ranch Irrigation Survey, 1988 Census of Horticulture Specialties, and 1988 Agricultural Economics and Land Ownership Survey—are published in conjunction with the 1987 Census of Agriculture. Also, the Census Bureau regularly issues reports from a survey on cotton ginnings.

Governments Census and Surveys

The census of governments, also for years ending in “2” and “7,” covers all types of governments: Federal, State, county, municipal (place), township (county subdivision), school district, and special district. It provides data on such subjects as number of public employees, payrolls, revenue, and expenditures.

Annual and quarterly surveys cover the same principal subjects but generate data only for States and the largest local governments.

Foreign Trade Statistics

Monthly U.S. merchandise trade data compiled by the Census Bureau summarize export and import transactions

and are based on the official documents filed by shippers and receivers. These figures reflect the flow of merchandise but not intangibles like services and financial commitments. The trade figures trace commodity movements out of and into the U.S. Customs jurisdiction, which includes Puerto Rico and the U.S. Virgin Islands as well as the 50 States and the District of Columbia. Data are published separately on trade between the United States and Puerto Rico, the U.S. Virgin Islands, and other U.S. territories.

Other Statistical Activities

The Census Bureau also offers international data. It maintains an international data base which is available to the public on computer tape and is used to produce the biennial *World Population Profile* report. It prepares studies dealing with the demographic and economic characteristics of other countries and world regions.

Statistical compendia are another important data product. These publications (sometimes also offered in machine-readable form) draw data from many sources and reorganize them for convenient use. The most widely used compendia are the annual *Statistical Abstract of the United States*, the *County and City Data Book* (published every 5 years), and the *State and Metropolitan Area Data Book* (published approximately every 4 years).

Figure 1. 1990 Census Content

100-PERCENT COMPONENT

Population

Household relationship
 Sex
 Race
 Age
 Marital status
 Hispanic origin

Housing

Number of units in structure
 Number of rooms in unit
 Tenure—owned or rented
 Value of home or monthly rent
 Congregate housing (meals included in rent)
 Vacancy characteristics

SAMPLE COMPONENT

Population

Social characteristics:
 Education—enrollment and attainment
 Place of birth, citizenship, and year of entry into U.S.
 Ancestry
 Language spoken at home
 Migration (residence in 1985)
 Disability
 Fertility
 Veteran status

Economic characteristics:
 Labor force
 Occupation, industry, and class of worker
 Place of work and journey to work
 Work experience in 1989
 Income in 1989
 Year last worked

Housing

Year moved into residence
 Number of bedrooms
 Plumbing and kitchen facilities
 Telephone in unit
 Vehicles available
 Heating fuel
 Source of water and method of sewage disposal
 Year structure built
 Condominium status
 Farm residence
 Shelter costs, including utilities

NOTE: Questions dealing with the subjects covered in the 100-percent component were asked of all persons and housing units. Those covered by the sample component were asked of a sample of the population and housing units.

Figure 2. 1990 Census Printed Reports

Series	Title	Report(s) issued for	Description	Geographic areas
1990 CENSUS OF POPULATION AND HOUSING (1990 CPH)				
100-Percent Data				
1990 CPH-1	Summary Population and Housing Characteristics	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Population and housing unit counts, and summary statistics on age, sex, race, Hispanic origin, household relationship, units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Local governmental units (i.e., counties, places, and towns and townships), other county subdivisions, and American Indian and Alaska Native areas
1990 CPH-2	Population and Housing Unit Counts	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Total population and housing unit counts for 1990 and previous censuses	States, counties, county subdivisions, places, State component parts of metropolitan areas (MA's) and urbanized areas (UA's), and summary geographic areas (for example, urban and rural)
100-Percent and Sample Data				
1990 CPH-3	Population and Housing Characteristics for Census Tracts and Block Numbering Areas	MA's, and the nonmetropolitan balance of each State, Puerto Rico, and U.S. Virgin Islands	Statistics on 100-percent and sample population and housing subjects	In MA's: census tracts/ block numbering areas (BNA's), places of 10,000 or more inhabitants, and counties. In the remainder of each State: census tracts/ BNA's, places of 10,000 or more, and counties
1990 CPH-4	Population and Housing Characteristics for Congressional Districts of the 103rd Congress	States and DC	Statistics on 100-percent and sample population and housing subjects	Congressional districts (CD's) and, within CD's, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, and American Indian and Alaska Native areas
Sample Data				
1990 CPH-5	Summary Social, Economic, and Housing Characteristics	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample population and housing subjects	Local governmental units (i.e., counties, places, and towns and townships), other county subdivisions, and American Indian and Alaska Native areas
1990 CENSUS OF POPULATION (1990 CP)				
100-Percent Data				
1990 CP-1	General Population Characteristics	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	States, counties, places of 1,000 or more inhabitants, county subdivisions of 1,000 or more inhabitants in selected States, State parts of American Indian areas, Alaska Native areas, and summary geographic areas such as urban and rural

Figure 2. 1990 Census Printed Reports—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
1990 CENSUS OF POPULATION (1990 CP)—Con.				
100-Percent Data—Con.				
1990 CP-1-1A	General Population Characteristics for American Indian and Alaska Native Areas	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	American Indian and Alaska Native areas; i.e., American Indian reservations, off-reservation trust lands, tribal jurisdiction statistical areas (Oklahoma), tribal designated statistical areas, Alaska Native village statistical areas, and Alaska Native Regional Corporations
1990 CP-1-1B	General Population Characteristics for Metropolitan Areas	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	Individual MA's. For MA's split by State boundaries, summaries are provided both for the parts and for the whole MA
1990 CP-1-1C	General Population Characteristics for Urbanized Areas	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	Individual UA's. For UA's split by State boundaries, summaries are provided both for the parts and for the whole UA
Sample Data				
1990 CP-2	Social and Economic Characteristics	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample population subjects	States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, Alaska Native areas, and the State portion of American Indian areas
1990 CP-2-1A	Social and Economic Characteristics for American Indian and Alaska Native Areas	U.S.	Statistics generally on sample population subjects	American Indian and Alaska Native areas, as for CP-1-1A
1990 CP-2-1B	Social and Economic Characteristics for Metropolitan Areas	U.S.	Statistics generally on sample population subjects	Individual MA's, as for CP-1-1B
1990 CP-2-1C	Social and Economic Characteristics for Urbanized Areas	U.S.	Statistics generally on sample population subjects	Individual UA's, as for CP-1-1C
1990 CP-3	Population Subject Reports	Selected subjects	Reports on population census subjects such as migration, education, income, the older population, and racial and ethnic groups	Generally limited to the U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places

Figure 2. 1990 Census Printed Reports—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
1990 CENSUS OF HOUSING (1990 CH)				
100-Percent Data				
1990 CH-1	General Housing Characteristics	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	States, counties, places of 1,000 or more inhabitants, county subdivisions of 1,000 or more inhabitants in selected States, State parts of American Indian areas, Alaska Native areas, and summary geographic areas such as urban and rural
1990 CH-1-1A	General Housing Characteristics for American Indian and Alaska Native Areas	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	American Indian and Alaska Native areas; i.e., American Indian reservations, trust lands, tribal jurisdiction statistical areas (Oklahoma), tribal designated statistical areas, Alaska Native village statistical areas, and Alaska Native Regional Corporations
1990 CH-1-1B	General Housing Characteristics for Metropolitan Areas	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Individual MA's. For MA's split by State boundaries, summaries are provided both for the parts and for the whole MA
1990 CH-1-1C	General Housing Characteristics for Urbanized Areas	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Individual UA's. For UA's split by State boundaries, summaries are provided both for the parts and for the whole UA
Sample Data				
1990 CH-2	Detailed Housing Characteristics	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample housing subjects	States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, Alaska Native areas, and State parts of American Indian areas
1990 CH-2-1A	Detailed Housing Characteristics for American Indian and Alaska Native Areas	U.S.	Statistics generally on sample housing subjects	American Indian and Alaska Native areas, as in 1990 CH-1-1A
1990 CH-2-1B	Detailed Housing Characteristics for Metropolitan Areas	U.S.	Statistics generally on sample housing subjects	Individual MA's, as in 1990 CH-1-1B
1990 CH-2-1C	Detailed Housing Characteristics for Urbanized Areas	U.S.	Statistics generally on sample housing subjects	Individual UA's, as in 1990 CH-1-1C
1990 CH-3	Housing Subject Reports	Selected subjects	Reports on housing census subjects such as structural and utilization characteristics in metropolitan areas	Generally limited to U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places

Figure 3. 1990 Census Summary Tape Files

Summary Tape File
(STF 1A, 1B, etc.)
and data type
(100 percent or
sample)¹

	Geographic areas	Description	
STF 1 (100 percent)	A ²	States, counties, county subdivisions, places, census tracts/block numbering areas (BNA's), block groups (BG's). Also Alaska Native areas and State parts of American Indian areas	
	B ²	States, counties, county subdivisions, places, census tracts/BNA's, BG's, blocks. Also Alaska Native areas and State parts of American Indian areas	
	C ²	U.S., regions, divisions, States (including summaries such as urban and rural), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, metropolitan areas (MA's), urbanized areas (UA's), American Indian and Alaska Native areas	Over 900 cells/ items of 100-percent population and housing counts and characteristics for each geographic area
	D	Congressional districts (CD's) of the 103rd Congress by State; and within each CD: counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, Alaska Native areas, and American Indian areas	
STF 2 (100 percent)	A	In MA's: counties, places of 10,000 or more inhabitants, and census tracts/BNA's. In the remainder of each State: counties, places of 10,000 or more inhabitants, and census tracts/BNA's	
	B	States (including summaries such as urban and rural), counties, places of 1,000 or more inhabitants, county subdivisions, State parts of American Indian areas, and Alaska Native areas	Over 2,100 cells/ items of 100-percent population and housing counts and characteristics for each geographic area. Each of the STF 2 files will include a set of tabulations for the total population and separate presentations of tabulations by race and Hispanic origin
	C	U.S., regions, divisions, States (including summaries such as urban and rural), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, all county subdivisions in New England MA's, American Indian and Alaska Native areas, MA's, UA's	
STF 3 (Sample)	A ²	States, counties, county subdivisions, places, census tracts/BNA's, BG's. Also Alaska Native areas and State parts of American Indian areas	
	B ²	Five-digit ZIP Codes within each State	
	C ²	U.S., regions, divisions, States, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, American Indian and Alaska Native areas, MA's, UA's	Over 3,300 cells/ items of sample population and housing characteristics for each geographic area
	D	CD's of the 103rd Congress by State; and within each CD: counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States	

Figure 3. 1990 Census Summary Tape Files—Con.

**Summary Tape File
(STF 1A, 1B, etc.)
and data type
(100 percent or
sample)¹**

	Geographic areas	Description
	A In MA's: counties, places of 10,000 or more inhabitants, and census tracts/ BNA's. In the remainder of each State: counties, places of 10,000 or more inhabitants, and census tracts/ BNA's	
STF 4 (Sample)	B State (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, all county subdivisions in New England MA's, State parts of American Indian areas, and Alaska Native areas	Over 8,500 cells/ items of sample population and housing characteristics for each geographic area. Each of the STF 4 files will include a set of tabulations for the total population and separate presentations of tabulations by race and Hispanic origin.
	C U.S., regions, divisions, States (including urban and rural and metropolitan and nonmetropolitan components), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, all county subdivisions in New England MA's, American Indian and Alaska Native areas, MA's, UA's	

Note: STF 420 Place of Work 20 Destinations File. This is a new file for 1990. Comparable data were included as part of STF 4 in 1980, but for 1990 this is a separate file and must be ordered and purchased separately from STF 4. The file contains 20 place of work destinations for each county or county equivalent, minor civil division, place of 10,000 or more persons, and census tract or block numbering area. Data are also provided for each major race and for workers of Hispanic origin cross-classified by race. The geographic level of the destinations varies. A destination may be a place, county, balance of county, metropolitan area, or balance of metropolitan area.

¹Similar STF's will be prepared for Puerto Rico and the U.S. Virgin Islands.

²Also available on laser disc (CD-ROM). STF 1B CD-ROM presents only part of the data for blocks and other areas in the tape file.

Figure 4. Other 1990 Census Data Products

Title	Description	Geographic areas
Subject Summary Tape Files	Various computer tape files used to produce the subject reports (1990 CP-3 and 1990 CH-3 series).	U.S., regions, divisions, States, metropolitan areas (MA's), and large counties and places
Public Law 94-171 Data File (redistricting data)	Counts by total, race, and Hispanic origin for the total population and population 18 years old and over, and counts of housing units. Available on tape, CD-ROM, and paper listings	States, counties, county subdivisions, places, census tracts/ block numbering areas (BNA's), block groups (BG's), and blocks; voting districts where States have identified them for the Census Bureau; and American Indian and Alaska Native areas
Census/ Equal Employment Opportunity (EEO) File	Sample tabulations showing detailed occupations and educational attainment data by age; cross tabulated by sex, Hispanic origin, and race	Counties, MA's, places of 50,000 or more inhabitants
County-to-County Migration File	Summary statistics for all intra-state county-to-county migration streams and significant inter-state county-to-county migration streams. Each record will include codes for the geographic area of destination, and selected characteristics of the persons who made up the migration stream	States, counties
Public Use Microdata Sample (PUMS) Files	Machine-readable files containing a sample of individual long-form census records showing most population and housing characteristics but with identifying information removed	
5 Percent—PUMS Areas		County groups, counties, county subdivisions, and places with 100,000 or more inhabitants
1 Percent—Metropolitan Areas (1990)		MA's and other large areas with 100,000 or more inhabitants
3 Percent—Elderly	As above, but includes only households with at least one person age 60 or more	Same as for 5-percent sample
User-Defined Areas Tabulations	A set of standard tabulations provided on printouts, tapes, or other products with maps and narrative (if requested)	User-defined areas created by aggregating census blocks
Special Tabulations	User-defined tabulations for specified geographic areas provided on printouts, tapes, or other products	User-defined areas or standard areas

Maps are not available.