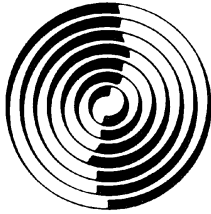


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1990 CPH-2-18

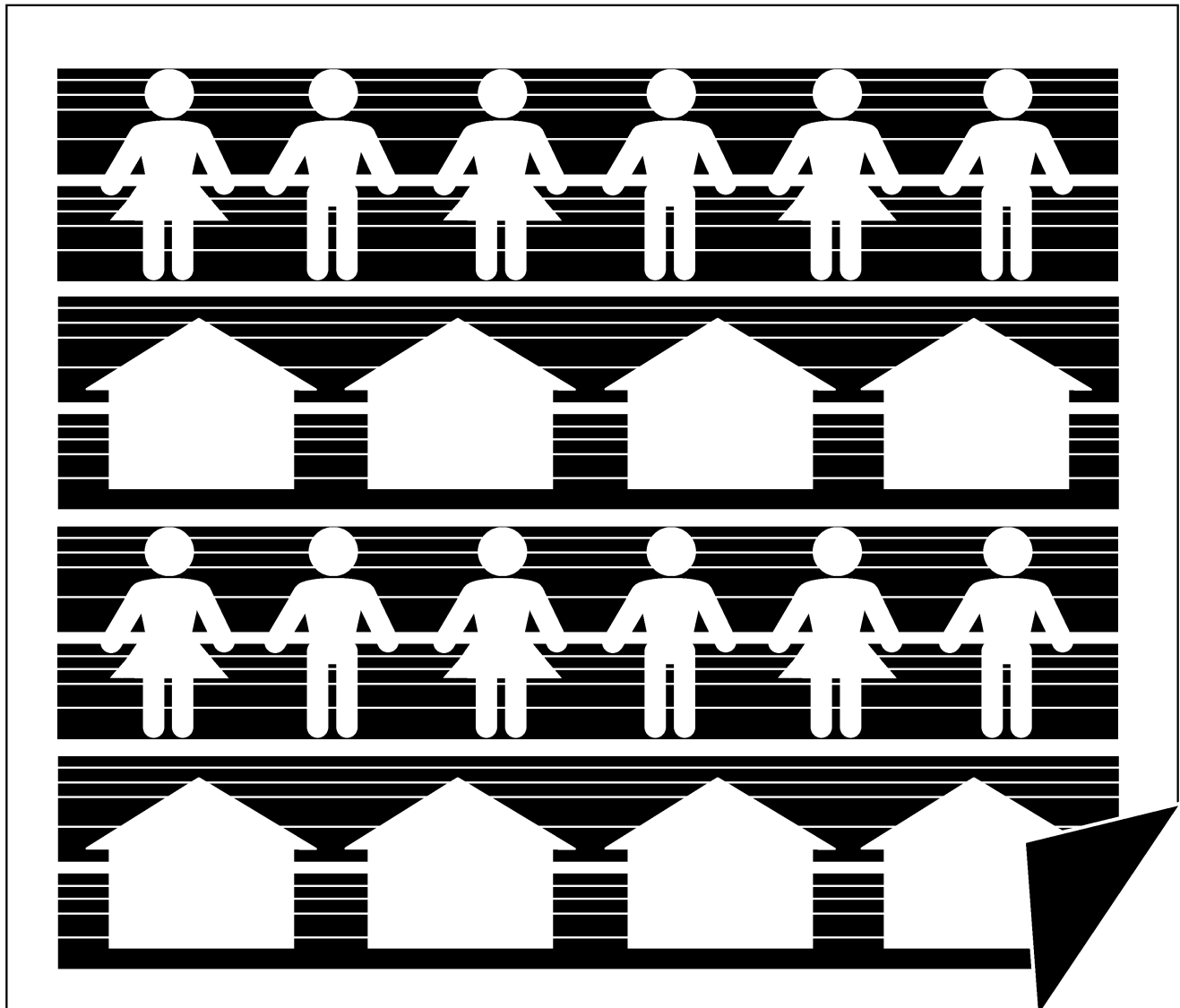
**CENSUS '90**



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1990 Census of  
Population and Housing  
**Population and Housing  
Unit Counts**  
**Kansas**

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1990 CPH-2-18

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1990 Census of  
Population and Housing  
**Population and Housing  
Unit Counts**  
**Kansas**

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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 the geographic areas and the subjects shown in this report. To determine which tables in this report show data for a particular topic, find the subject in the column headings at the top of the table finding guide and then look down the left-hand column 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 at the top, and types of geographic areas are shown on the left side. For a description of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B.]

Area	Population counts			Housing unit counts			Land area
	1990 census	Previous censuses	Change from previous censuses	1990 census	Previous censuses	Change from previous censuses	
<b>THE STATE</b>							
Total .....	1,3,4,5,8, 11,13,17, 22	1,3,8,11	1,4	2,3,4,6,8, 11,14,18, 22	2,3,8	2,4	4,7,8,11, 15,16,19, 20,22
Urban and rural .....	1,5,11,12, 13,22	1,11,12	1,5	2,6,11, 14,22	2	2,6	7,11,15, 16,22
Urban and rural by size of place ...	5,11,12, 13,22	11,12	...	6,11,14, 22	...	...	7,11,15, 16,22
Inside and outside metropolitan area by urban and rural and size of place .....	13,22	...	...	14,22	...	...	15,16,22
Inside and outside metropolitan area by size of place .....	13,17,22	...	...	14,18,22	...	...	15,16,19, 20,22
Inside and outside urbanized area by size of place .....	24	...	...	24	...	...	24
<b>COUNTY</b>							
Total .....	3,4,8	3,8	4	3,4,8	3,8	4	4,7,8
Urban and rural .....	5	...	5	6	...	6	7
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By size of place and population size class of urbanized area .....	24	...	...	24	...	...	24

... Not applicable.

<sup>1</sup> County subdivisions within the State are shown alphabetically with places only in the reports for the following 12 States: Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.



# 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.

The diagram illustrates the structure of a statistical table. It is divided into several key sections:

- Table number and title:** Located at the top left, identifying the specific table within the report.
- Headnote:** A note enclosed in brackets below the title, providing additional context or qualifications for the data.
- Column head:** The top row of the table, listing the variables being measured.
- Heading:** The overall title of the table, including the table number and title.
- Stubhead:** The first column of the table, listing the categories or subgroups.
- Stub:** The vertical list of categories and subgroups on the left side of the table.
- Sidehead:** A label on the far left identifying the geographic area (e.g., '28 ALASKA').
- Boxhead:** The top portion of the table containing the column headers and any spanners.
- Data field:** The main body of the table containing the numerical data for each category.
- Report title:** Located at the bottom right, identifying the overall report (e.g., 'SOCIAL AND ECONOMIC CHARACTERISTICS').

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

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 figure or percent that rounds to less than 0.1.
- Three dots “...” mean not applicable.
- (NA) means not available.
- 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 the 1990 CPH-2, *Population and Housing Unit Counts* reports.

*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 at the top, and types of geographic areas are shown on the left side. For a description of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B]

Area	Population counts			Housing unit counts			Land area	Density		Number of places
	1990 census	Previous censuses	Change from previous censuses	1990 census	Previous censuses	Change from previous censuses		Popu-lation	Housing unit	
<b>THE STATE</b>										
Total .....	1,3,4,5,8,11,13,17,22	1,3,8,11	1,4	2,3,4,6,8,11,14,18,22	2,3,8	2,4	4,7,8,11,15,16,19,20,22	4,8	4,8	11,13,14,15,16,17,18,19,20
Urban and rural .....	1,5,11,12,13,22	1,11,12	1,5	2,6,11,14,22	2	2,6	7,11,15,16,22	...	...	1,11,12,13,14,15,16
Urban and rural by size of place ...	5,11,12,13,22	11,12	...	6,11,14,22	...	...	7,11,15,16,22	...	...	11,12,13,14,15,16
Inside and outside metropolitan area by urban and rural and size of place .....	13,22	...	...	14,22	...	...	15,16,22	...	...	13,14,15,16
Inside and outside metropolitan area by size of place .....	13,17,22	...	...	14,18,22	...	...	15,16,19,20,22	...	...	13,14,15,16,17,18,19,20
Inside and outside urbanized area by size of place .....	24	...	...	24	...	...	24	...	...	...
<b>COUNTY</b>										
Total .....	3,4,8	3,8	4	3,4,8	3,8	4	4,7,8	4,8	4,8	...
Urban and rural .....	5	...	5	6	...	6	7	...	...	...
Urban and rural by size of place ...	5	...	...	6	...	...	7	...	...	...
<b>PLACE</b>										
By county and county subdivision ..	8	8	...	8	8	...	8	8	8	...
Alphabetically for the State .....	9	9	...	9	9	...	9	9	9	...
By 1990 population rank .....	10	10	...	10	10	...	...	...	...	...
<b>COUNTY SUBDIVISION</b>										
By county .....	8	8	...	8	8	...	8	8	8	...
Alphabetically for the State <sup>1</sup> .....	9	9	...	9	9	...	9	9	9	...
<b>METROPOLITAN AREA</b>										
Total and geographic components .	21	21	...	21	21	...	21	21	21	...
By urban and rural and population size class of metropolitan area. ...	22	...	...	22	...	...	22	...	...	...
<b>URBANIZED AREA</b>										
Total and geographic components .	23	...	...	23	...	...	23	23	23	...
By size of place and population size class of urbanized area .....	24	...	...	24	...	...	24	...	...	...

... Not applicable.

<sup>1</sup>County subdivisions within the State are shown alphabetically with places only in the reports for the following 12 States: Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

# 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:

Robert C. Speaker  
Population Division  
Population and Housing Programs Branch  
Bureau of the Census  
Washington, DC 20233

## ADDITIONAL DEFINITIONS AND EXPLANATIONS OF DATA

### GENERAL

#### User Note 1

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.

## GEOGRAPHIC NAMES AND PRESENTATION

### KANSAS

#### User Note 1

Jefferson township, Jefferson County, is shown as Jefferson No. 10 township.

#### User Note 2

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.

## HISTORICAL INFORMATION

The area now comprising Kansas and part of Colorado was organized as the Territory of Kansas in 1854, and in 1861 that portion of the Territory lying within the present boundaries of Kansas was admitted to the Union as the thirty-fourth State. The 1860 population for Kansas is that of the part of Kansas Territory lying within the present limits of Kansas.

## GEOGRAPHIC CHANGE NOTES

The county subdivisions in this State are minor civil divisions (MCD's) known as townships; there are two unorganized territories. Some cities are independent of any MCD, and the Census Bureau treats them as the statistical equivalents of MCD's as well as reporting them as places; annexation and detachment information shown for these places includes the affected townships. See appendix A for additional information. The year, where shown parenthetically, relates to the year the action was effective; the population and housing unit counts that follow, respectively, are as of April 1, 1980.

### Counties, County Subdivisions, and Places

**Allen County**—*Annexations:* Humboldt city, from Humboldt township; lola city, from lola township; La Harpe city, from Elm township. *Detachments:* Gas city.

**Anderson County**—*Annexations:* Garnett city, from Monroe township.

**Atchison County**—*Annexations:* Atchison city, from Lancaster, Mount Pleasant, Shannon, and Walnut townships. *Additional annexations:* Lancaster city. *Detachments:* Atchison city, to Shannon township.

**Barber County**—*Annexations:* Kiowa city, Medicine Lodge city. *Detachments:* Hazelton city.

**Barton County**—*Annexations:* Ellinwood city, from Lakin township; Great Bend city, from Buffalo and Great Bend townships. *Detachments:* Great Bend city, to Buffalo township.

**Bourbon County**—*Annexations:* Fort Scott city, from Scott township.

**Brown County**—*Annexations:* Hiawatha city, from Hiawatha township; Horton city, from Mission township; Sabetha city, from Morrill and Walnut townships. *Additional annexations:* Reserve city.

**Butler County**—*Annexations:* Augusta city, from Augusta township; El Dorado city, from El Dorado and Prospect townships. *Additional annexations:* Andover city, Benton city, Douglass city, Latham city, Leon city, Potwin city, Rose Hill city, Towanda city. *Detachments:* Augusta city, to Augusta township. *Additional detachments:* Douglass city.

**Chase County**—*Annexations:* Matfield Green city.

**Cherokee County**—*Annexations:* Baxter Springs city, from Spring Valley township; Columbus city, from Crawford and Salamanca townships; Galena city, from Garden and Lowell townships. *Additional annexations:* West Mineral city.

**Clark County**—*Annexations:* Minneola city.

**Clay County**—*Annexations:* Clay Center city, from Clay Center township. *Additional annexations:* Clifton city, Longford city, Vining city, Wakefield city.

**Cloud County**—*Annexations:* Concordia city, from Lincoln township. *Additional annexations:* Miltonvale city.

**Coffey County**—*Annexations:* Le Roy city, Waverly city.

**Comanche County**—*Annexations:* Coldwater city, Protection city.

**Cowley County**—*Annexations:* Arkansas City city, from Creswell township; Winfield city, from Pleasant Valley, Vernon, and Walnut townships. *Additional annexations:* Geuda Springs city, Udall city. *Detachments:* Arkansas City city, to Creswell township; Winfield city, to Vernon township.

**Crawford County**—*Annexations:* Girard city, from Crawford township; Pittsburg city, from Baker township. *Additional annexations:* Arcadia city, Arma city.

**Dickinson County**—*Annexations:* Abilene city, from Grant township; Herington city, from Lyon township. *Additional annexations:* Chapman city, Enterprise city, Manchester city, Solomon city. *Detachments:* Herington city, to Lyon township.

**Doniphan County**—*Annexations:* Elwood city.

**Douglas County**—*Annexations:* Lawrence city, from Grant and Wakarusa townships. *Additional annexations:* Baldwin City city, Eudora city.

**Elk County**—*Name change:* Wildcat township previously shown as Wild Cat township.

**Ellis County**—*Annexations:* Hays city, from Big Creek township. *Additional annexations:* Schoenchen city, Victoria city.

**Ellsworth County**—*Annexations:* Ellsworth city, from Ellsworth township. *Additional annexations:* Wilson city.

**Finney County**—*Annexations:* Garden City city, from Garden City township. *Additional annexations:* Holcomb city.

**Ford County**—*Annexations:* Dodge City city, from Dodge, Grandview, and Richland townships. *Detachments:* Dodge City city, to Grandview township.

**Franklin County**—*Annexations:* Ottawa city, from Harrison, Lincoln, and Ottawa townships. *Additional annexations:* Princeton city, Wellsville city. *Detachments:* Ottawa city, to Ottawa township.

**Geary County**—*Annexations:* Junction City city, from Jefferson and Smoky Hill townships. *Additional annexations:* Milford city.

**Gove County**—*Annexations:* Quinter city.

**Graham County**—*Name change:* Wildhorse township previously shown as Wild Horse township. *Annexations:* Morland city.

**Grant County**—*Annexations:* Ulysses city. *Detachments:* Ulysses city.

**Gray County**—*Annexations:* Cimarron city, Montezuma city.

**Greeley County**—*Annexations:* Tribune city.

**Greenwood County**—*Annexations:* Eureka city, from Eureka township. *Additional annexations:* Severy city.

**Hamilton County**—*Annexations:* Syracuse city.

**Harper County**—*Annexations:* Anthony city, from Township No. 3.

**Harvey County**—*Annexations:* Newton city, from Macon and Newton townships. *Additional annexations:* Hesston city, North Newton city, Sedgwick city.

**Haskell County**—*Annexations:* Satanta city, Sublette city.

**Hodgeman County**—*Annexations:* Hanston city.

**Jackson County**—*Annexations:* Holton city, from Franklin and Liberty townships. *Additional annexations:* Mayetta city.

**Jefferson County**—*Name change*: Jefferson No. 10 township previously shown as Jefferson township. *Annexations*: McLouth city, Meriden city, Perry city, Winchester city.

**Jewell County**—*Annexations*: Randall city.

**Johnson County**—*Annexed into* Johnson County: Bonner Springs city; area taken from Monticello township. *Additional annexations*: De Soto city, from Olathe city and Lexington township; Edgerton city, from McCamish township; Gardner city, from Gardner township; Leawood city, from Oxford township; Lenexa city, from Olathe and Overland Park cities and Monticello, Olathe, Oxford, and Shawnee townships; Olathe city, from Monticello, Olathe, and Oxford townships; Overland Park city, from Oxford township; Shawnee city, from Monticello and Shawnee townships; Spring Hill city, from Aubry and Spring Hill townships. *Detachments*: Lenexa city, to Olathe township; Olathe city, to De Soto and Lenexa cities and Olathe township; Overland Park city, to Lenexa city and Olathe township.

**Kearny County**—*Annexations*: Deerfield city, Lakin city. *Detachments*: Lakin city.

**Kingman County**—*Annexations*: Kingman city, from White township. *Additional annexations*: Cunningham city, Norwich city.

**Kiowa County**—*Boundary changes*: East Kiowa and West Kiowa unorganized territories exchanged area.

**Labette County**—*Annexations*: Oswego city, from Oswego township; Parsons city, from North township. *Additional annexations*: Altamont city. *Detachments*: Parsons city, to North township.

**Lane County**—*Annexations*: Dighton city.

**Leavenworth County**—*Became independent*: Lansing city from Delaware township (remaining 1980 counts: 724 and 245). *Annexations*: Lansing city, from Delaware township; Leavenworth city, from High Prairie township. *Additional annexations*: Basehor city, Linwood city, Tonganoxie city. *Detachments*: Lansing city, to Delaware township.

**Linn County**—*Annexations*: Parker city, Prescott city.

**Lyon County**—*Name change*: Elmendaro township previously shown as Elmerdaro township. *Annexations*: Emporia city, from Emporia township. *Additional annexations*: Allen city, Olpe city.

**McPherson County**—*Annexations*: Lindsborg city, from Smoky Hill township; McPherson city, from McPherson township. *Additional annexations*: Inman city, Moundridge city. *Detachments*: McPherson city, to McPherson township. *Additional detachments*: Marquette city.

**Marion County**—*Annexations*: Hillsboro city, from Liberty township; Marion city, from Center township. *Additional annexations*: Goessel city.

**Marshall County**—*Annexations*: Marysville city, from Marysville township.

**Meade County**—*Name change*: Plains City city previously West Plains city. *Annexations*: Meade city.

**Miami County**—*Annexations*: Louisburg city, from Wea township; Osawatomie city, from Osawatomie township; Paola city, from Paola township; Spring Hill city, from Marysville and Wea townships.

**Mitchell County**—*Annexations*: Beloit city, from Beloit and Plum Creek townships.

**Montgomery County**—*Annexations*: Caney city, from Caney township; Coffeyville city, from Parker township; Independence city, from Independence and Sycamore townships. *Additional annexations*: Dearing city. *Detachments*: Independence city, to Sycamore township.

**Morris County**—*Annexed into* Morris County: Herington city; area taken from Township No. 7. *Additional annexations*: Council Grove city, from Township No. 1 and Township No. 2. *Additional annexations*: Dwight city.

**Morton County**—*Annexations*: Elkhart city, Rolla city.

**Nemaha County**—*Annexations*: Sabetha city, from Granada, Marion, and Rock Creek townships; Seneca city, from Mitchell and Richmond townships. *Additional annexations*: Centralia city, Wetmore city.

**Neosho County**—*Annexations*: Chanute city, from Canville and Tioga townships. *Additional annexations*: Erie city, Galesburg city, Thayer city.

**Ness County**—*Annexations*: Ness City city.

**Norton County**—*Annexations*: Almena city.

**Osage County**—*Annexations*: Osage City city, from Grant and Superior townships. *Additional annexations*: Melvern city, Overbrook city, Scranton city.

**Osborne County**—*Annexations*: Osborne city, from Penn township.

**Ottawa County**—*Annexations*: Tescott city.

**Pawnee County**—*Annexations*: Larned city, from Larned and Pleasant Grove townships.

**Phillips County**—*Annexations*: Phillipsburg city, from Phillipsburg and Solomon townships.

**Pottawatomie County**—*Annexations:* Manhattan city, from Blue township. *Additional annexations:* Olsburg city, Onaga city, St. George city, St. Marys city, Wamego city, Westmoreland city.

**Pratt County**—*Annexations:* Pratt city, from Township No. 12. *Additional annexations:* Sawyer city. *Detachments:* Pratt city, to Township No. 12.

**Reno County**—*Annexations:* Hutchinson city, from Clay and Reno townships. *Additional annexations:* Buhler city, Haven city, Pretty Prairie city, South Hutchinson city. *Detachments:* Arlington city.

**Republic County**—*Annexations:* Belleville city, from Belleville and Freedom townships.

**Rice County**—*Annexations:* Sterling city, from Sterling township.

**Riley County**—*Annexations:* Manhattan city, from Manhattan township. *Additional annexations:* Ogden city.

**Rooks County**—*Annexations:* Plainville city.

**Russell County**—*Annexations:* Russell city, from Grant and Russell townships. *Additional annexations:* Luray city.

**Saline County**—*Annexations:* Salina city, from Elm Creek, Greeley, Smoky Hill, and Smolan townships.

**Scott County**—*Annexations:* Scott City city.

**Sedgwick County**—*Incorporated:* Bel Aire city (1980; 2,395 and 795), area taken from Kechi and Payne townships; Park City city (1980; 4,056 and 1,263). *Annexations:* Bel Aire city, from Kechi and Payne townships; Wichita city, from Attica, Delano, Gypsum, Kechi, Minneha, Park, Payne, Riverside, and Waco townships. *Additional annexations:* Andale city, Cheney city, Clearwater city, Colwich city, Derby city, Garden Plain city, Goddard city, Haysville city, Kechi city, Maize city, Mount Hope city, Mulvane city, Park City city, Valley Center city. *Detachments:* Bel Aire city, to Payne township; Wichita city, to Attica and Delano townships. *Additional detachments:* Derby city. *Deleted CDP:* Park City (incorporated).

**Seward County**—*Annexations:* Liberal city, from Liberal township. *Additional annexations:* Kismet city.

**Shawnee County**—*Annexations:* Topeka city, from Menoken, Mission, Soldier, Tecumseh, Topeka, and Williamsport townships. *Additional annexations:* Silver Lake city. *Detachments:* Topeka city, to Tecumseh township.

**Sheridan County**—*Name changes:* Bowcreek township previously shown as Bow Creek township; Springbrook township previously shown as Spring Brook township. *Annexations:* Hoxie city. *Detachments:* Selden city.

**Sherman County**—*Name change:* Stateline township previously shown as State Line township. *Annexations:* Goodland city, from Logan and Voltaire townships.

**Smith County**—*Annexations:* Smith Center city.

**Stafford County**—*Annexations:* St. John city, Stafford city. *Detachments:* St. John city.

**Sumner County**—*Name change:* Osborne township previously shown as Osborn township. *Annexations:* Caldwell city, from Caldwell township; Wellington city, from Wellington township. *Additional annexations:* Argonia city, Belle Plaine city, Conway Springs city, Geuda Springs city, Mulvane city, Oxford city. *Detachments:* Belle Plaine city.

**Thomas County**—*Annexations:* Colby city, from Morgan township. *Detachments:* Colby city, to Morgan township.

**Trego County**—*Name changes:* WaKeeney township previously shown as Wa Keeney township; Wakeeney city previously shown as Wa Keeney city.

**Wabaunsee County**—*Annexed into Wabaunsee County:* St. Marys city. *Additional annexations:* Alma city, Alta Vista city, Harveyville city.

**Wallace County**—*Disorganized:* Morton township (1981; 73 and 33), area added to Sharon Springs and Weskan townships; North township (1981; 12 and 10), area added to Sharon Springs township. *Annexations:* Sharon Springs city.

**Washington County**—*Annexations:* Washington city, from Washington township. *Additional annexations:* Barnes city, Greenleaf city, Linn city.

**Wilson County**—*Annexations:* Fredonia city, from Center township.

**Woodson County**—*Disorganized:* Belmont township (1983; 135 and 75), added to Center and Toronto townships; Eminence township (1985; 149 and 63), area added to Center and Perry townships; Everett township (1983; 174 and 88), area added to Center, Liberty, and Neosho Falls townships; Owl Creek township (1983; 253 and 98), area added to Center, Neosho Falls, and Perry townships. *Annexations:* Yates Center city, from Center township.

**Wyandotte County**—*Annexations:* Bonner Springs city, from Delaware township; Kansas City city, from Delaware township.

## American Indian Area

**Sac and Fox (Kansas-Nebraska) Trust Lands**—Boundary change.

**Table 1. Population: Earliest Census to 1990**

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text]

State Urban and Rural	The State			Urban				Rural			Percent of total population	
	Total population	Change from preceding census		Number of places of 2,500 or more	Population	Change from preceding census		Population	Change from preceding census		Urban	Rural
		Population	Percent			Population	Percent		Population	Percent		
<b>Current urban definition:</b>												
1990 (Apr. 1)-----	2 477 574	113 338	4.8	97	1 712 564	136 665	8.7	765 010	-22 770	-2.9	69.1	30.9
1980 (Apr. 1)-----	r2 364 236	115 165	5.1	96	1 575 899	91 029	6.1	787 780	26 072	3.4	66.7	33.3
1970 (Apr. 1)-----	r2 249 071	70 460	3.2	94	1 484 870	156 129	11.8	761 708	-88 162	-10.4	66.1	33.9
1960 (Apr. 1)-----	2 178 611	273 312	14.3	87	1 328 741	335 521	33.8	849 870	-62 209	-6.8	61.0	39.0
1950 (Apr. 1)-----	1 905 299	104 271	5.8	69	993 220	...	...	912 079	...	...	52.1	47.9
<b>Previous urban definition:</b>												
1960 (Apr. 1)-----	2 178 611	273 312	14.3	86	1 228 646	325 178	36.0	949 965	-51 866	-5.2	56.4	43.6
1950 (Apr. 1)-----	1 905 299	104 271	5.8	68	903 468	149 527	19.8	1 001 831	-45 256	-4.3	47.4	52.6
1940 (Apr. 1)-----	1 801 028	-79 971	-4.3	64	753 941	24 107	3.3	1 047 087	-104 078	-9.0	41.9	58.1
1930 (Apr. 1)-----	1 880 999	111 742	6.3	62	729 834	113 349	18.4	1 151 165	-1 607	-1	38.8	61.2
1920 (Jan. 1)-----	1 769 257	78 308	4.6	62	616 485	124 173	25.2	1 152 772	-45 865	-3.8	34.8	65.2
1910 (Apr. 15)-----	1 690 949	220 454	15.0	53	492 312	162 616	49.3	1 198 637	57 838	5.1	29.1	70.9
1900 (June 1)-----	1 470 495	42 387	3.0	40	329 696	60 157	22.3	1 140 799	-17 770	-1.5	22.4	77.6
1890 (June 1)-----	1 428 108	432 012	43.4	34	269 539	164 583	156.8	1 158 569	267 429	30.0	18.9	81.1
1880 (June 1)-----	996 096	631 697	173.4	17	104 956	53 086	102.3	891 140	578 611	185.1	10.5	89.5
1870 (June 1)-----	364 399	257 193	239.9	8	51 870	41 825	416.4	312 529	215 368	221.7	14.2	85.8
1860 (June 1)-----	107 206	...	...	2	10 045	...	...	97 161	...	...	9.4	90.6



**Table 2. Housing Units: 1950 to 1990**

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text]

State Urban and Rural	The State			Urban			Rural			Percent of total housing units			
	Total housing units	Change from preceding census		Housing units	Change from preceding census		Housing units	Change from preceding census		Urban	Rural		
		Housing units	Percent		Housing units	Housing units		Percent	Housing units			Housing units	Percent
<b>Current urban definition:</b>													
1990 (Apr. 1)-----	1 044 112	88 905	9.3	722 561	85 761	13.5	321 551	3 445	1.1	69.2	30.8		
1980 (Apr. 1)-----	955 207	165 472	21.0	636 800	123 338	24.0	318 106	42 372	15.4	66.7	33.3		
1970 (Apr. 1)-----	789 735	49 400	6.7	513 462	65 710	14.7	275 734	-16 849	-5.8	65.1	34.9		
1960 (Apr. 1)-----	740 335	115 187	18.4	447 752	120 565	36.8	292 583	-5 378	-1.8	60.5	39.5		
1950 (Apr. 1)-----	625 148	...	...	327 187	...	...	297 961	...	...	52.3	47.7		

Table 3. Population and Housing Units: 1940 to 1990

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text.]

Table with 13 columns: State/County, 1990, 1980, 1970, 1960, 1950, 1940, 1990, 1980, 1970, 1960, 1950, 1940. Rows include The State and all Kansas counties.

4 KANSAS

Table 3. Population and Housing Units: 1940 to 1990—Con.

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text]

State County	Population						Housing units					
	1990	1980	1970	1960	1950	1940	1990	1980	1970	1960	1950	1940
<b>COUNTY—Con.</b>												
Osborne County .....	4 867	5 959	6 416	7 506	8 558	9 835	2 496	2 774	2 729	2 940	3 119	3 167
Ottawa County .....	5 634	5 971	6 183	6 779	7 265	9 224	2 591	2 667	2 505	2 740	2 666	2 940
Pawnee County .....	7 555	8 065	8 484	10 254	11 041	10 300	3 412	3 442	3 181	3 359	2 883	2 677
Phillips County .....	6 590	7 406	7 888	8 709	9 273	10 435	3 264	3 503	3 091	3 324	3 386	3 390
Pottawatomie County .....	16 128	14 782	11 755	11 957	12 344	14 015	6 472	6 033	4 313	4 234	4 095	4 145
Pratt County .....	9 702	10 275	10 056	12 122	12 156	12 348	4 620	4 450	4 099	4 485	4 217	3 678
Rawlins County .....	3 404	4 105	4 393	5 279	5 728	6 618	1 744	1 826	1 724	1 822	1 843	1 866
Reno County .....	62 389	64 983	60 765	59 055	54 058	52 165	26 607	26 574	21 792	20 551	17 957	15 770
Republic County .....	6 482	7 569	8 498	9 768	11 478	13 124	3 283	3 801	3 634	4 007	4 272	4 427
Rice County .....	10 610	11 900	12 320	13 909	15 635	17 213	4 868	4 974	4 745	5 003	5 215	5 200
Riley County .....	67 139	63 505	56 788	41 914	33 405	20 617	22 868	20 873	14 865	11 631	8 390	6 465
Rooks County .....	6 039	7 006	7 628	9 734	9 043	8 497	2 979	3 136	2 847	3 413	2 943	2 546
Rush County .....	3 842	4 516	5 117	6 160	7 231	8 285	1 999	2 100	2 080	2 336	2 305	2 347
Russell County .....	7 835	8 868	9 428	11 348	13 406	13 464	4 079	4 129	3 735	4 143	4 431	3 937
Saline County .....	49 301	48 905	46 592	54 715	33 409	29 535	21 129	20 316	16 588	17 295	11 242	8 854
Scott County .....	5 289	5 782	5 606	5 228	4 921	3 773	2 305	2 344	1 955	1 686	1 478	1 131
Sedgwick County .....	403 662	367 088	350 694	343 231	222 290	143 311	170 159	145 863	120 666	114 038	73 829	44 503
Seward County .....	18 743	17 071	15 744	15 930	9 972	6 540	7 572	6 707	5 290	4 991	3 219	1 995
Shawnee County .....	160 976	154 916	155 322	141 286	105 418	91 247	68 991	64 446	51 940	46 015	33 917	28 009
Sheridan County .....	3 043	3 544	3 859	4 267	4 607	5 312	1 324	1 444	1 307	1 324	1 406	1 433
Sherman County .....	6 926	7 759	7 792	6 682	7 373	6 421	3 177	3 292	2 763	2 351	2 395	1 887
Smith County .....	5 078	5 947	6 757	7 776	8 846	10 582	2 615	2 815	2 750	3 182	3 449	3 811
Stafford County .....	5 365	5 694	5 943	7 451	8 816	10 487	2 666	2 709	2 602	2 927	3 157	3 142
Stanton County .....	2 333	2 339	2 287	2 108	2 263	1 443	956	960	777	706	580	486
Stevens County .....	5 048	4 736	4 198	4 400	4 516	3 193	2 116	1 978	1 543	1 480	1 365	947
Sumner County .....	25 841	24 928	23 553	25 316	23 846	26 163	10 769	10 356	8 977	9 318	8 195	8 001
Thomas County .....	8 258	8 451	7 501	7 358	7 572	6 425	3 534	3 496	2 757	2 542	2 437	1 958
Trego County .....	3 694	4 165	4 436	5 473	5 868	5 822	1 851	1 991	1 731	1 844	1 773	1 664
Wabaunsee County .....	6 603	6 867	6 397	6 648	7 212	9 219	2 853	2 891	2 560	2 720	2 749	2 815
Wallace County .....	1 821	2 045	2 215	2 069	2 508	2 216	840	892	805	707	778	677
Washington County .....	7 073	8 543	9 249	10 739	12 977	15 921	3 355	3 579	3 705	4 115	4 501	4 950
Wichita County .....	2 758	3 041	3 274	2 765	2 640	2 185	1 190	1 293	1 029	925	801	618
Wilson County .....	10 289	12 128	11 317	13 077	14 815	17 723	5 091	5 372	4 780	5 173	5 267	5 484
Woodson County .....	4 116	4 600	4 789	5 423	6 711	8 014	2 199	2 294	2 032	2 270	2 394	2 443
Wyandotte County .....	161 993	172 335	186 845	185 495	165 318	145 071	69 102	68 506	63 484	58 583	50 395	41 939

POPULATION AND HOUSING UNIT COUNTS



Table 4. Land Area, Population, and Housing Units: 1990—Con.

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text]

State County	Land area		Population			Housing units			Percent change			
	Square kilometers	Square miles	Total	Per square kilometer	Per square mile	Total	Per square kilometer	Per square mile	Population		Housing units	
									1980 to 1990	1970 to 1980	1980 to 1990	1970 to 1980
<b>COUNTY—Con.</b>												
Ottawa County -----	1 867.8	721.2	5 634	3.0	7.8	2 591	1.4	3.6	-5.5	-3.3	-2.7	6.5
Pawnee County -----	1 953.4	754.2	7 555	3.9	10.0	3 412	1.7	4.5	-6.2	-4.8	-8	8.2
Phillips County -----	2 295.4	886.3	6 590	2.9	7.4	3 264	1.4	3.7	-10.9	-6.0	-6.7	13.3
Pottawatomie County -----	2 186.7	844.3	16 128	7.4	19.1	6 472	3.0	7.7	9.1	25.8	7.3	39.9
Pratt County -----	1 903.7	735.0	9 702	5.1	13.2	4 620	2.4	6.3	-5.5	2.2	3.8	8.6
Rawlins County -----	2 770.5	1 069.7	3 404	1.2	3.2	1 744	.6	1.6	-17.0	-6.5	-4.4	5.9
Reno County -----	3 249.2	1 254.5	62 389	19.2	49.7	26 607	8.2	21.2	-3.9	6.9	.1	21.9
Republic County -----	1 855.9	716.5	6 482	3.5	9.0	3 283	1.8	4.6	-14.3	-10.8	-13.5	4.6
Rice County -----	1 881.9	726.6	10 610	5.6	14.6	4 868	2.6	6.7	-10.7	-3.3	-2.0	4.8
Riley County -----	1 579.0	609.6	67 139	42.5	110.1	22 868	14.5	37.5	5.7	11.8	9.6	40.4
Rooks County -----	2 300.9	888.4	6 039	2.6	6.8	2 979	1.3	3.4	-13.7	-8.1	-4.9	10.2
Rush County -----	1 860.3	718.2	3 842	2.1	5.3	1 999	1.1	2.8	-14.8	-11.6	-4.7	1.0
Russell County -----	2 291.5	884.7	7 835	3.4	8.9	4 079	1.8	4.6	-11.5	-5.8	-1.1	10.5
Saline County -----	1 863.9	719.6	49 301	26.5	68.5	21 129	11.3	29.4	.8	5.0	4.0	22.5
Scott County -----	1 858.5	717.6	5 289	2.8	7.4	2 305	1.2	3.2	-8.4	3.1	-1.6	19.9
Sedgwick County -----	2 590.6	1 000.2	403 662	155.8	403.6	170 159	65.7	170.1	10.0	4.7	16.7	20.9
Seward County -----	1 656.5	639.6	18 743	11.3	29.3	7 572	4.6	11.8	9.8	8.4	12.9	26.8
Shawnee County -----	1 424.1	549.9	160 976	113.0	292.7	68 991	48.4	125.5	3.9	-2	7.1	24.1
Sheridan County -----	2 321.7	896.4	3 043	1.3	3.4	1 324	.6	1.5	-14.0	-8.1	-8.2	10.5
Sherman County -----	2 734.7	1 055.9	6 926	2.5	6.6	3 177	1.2	3.0	-10.6	-3	-3.4	19.1
Smith County -----	2 319.2	895.5	5 078	2.2	5.7	2 615	1.1	2.9	-14.5	-11.9	-7.0	2.4
Stafford County -----	2 051.5	792.1	5 365	2.6	6.8	2 666	1.3	3.4	-5.7	-4.1	-1.5	4.1
Stanton County -----	1 761.4	680.1	2 333	1.3	3.4	956	.5	1.4	-2	2.3	-3	23.6
Stevens County -----	1 884.5	727.6	5 048	2.7	6.9	2 116	1.1	2.9	6.6	12.8	7.0	28.2
Sumner County -----	3 061.1	1 181.9	25 841	8.4	21.9	10 769	3.5	9.1	3.7	5.8	4.0	15.4
Thomas County -----	2 783.9	1 074.9	8 258	3.0	7.7	3 534	1.3	3.3	-2.2	12.7	1.1	26.8
Trego County -----	2 300.9	888.4	3 694	1.6	4.2	1 851	.8	2.1	-11.2	-6.0	-6.9	15.0
Wabaunsee County -----	2 065.4	797.5	6 603	3.2	8.3	2 853	1.4	3.6	-3.7	7.3	-1.2	12.9
Wallace County -----	2 367.4	914.1	1 821	.8	2.0	840	.4	.9	-10.9	-7.6	-5.7	10.8
Washington County -----	2 327.1	898.5	7 073	3.0	7.9	3 355	1.4	3.7	-17.1	-7.5	-6.2	-3.3
Wichita County -----	1 861.1	718.6	2 758	1.5	3.8	1 190	.6	1.7	-9.2	-7.0	-7.9	25.7
Wilson County -----	1 486.4	573.9	10 289	6.9	17.9	5 091	3.4	8.9	-15.1	7.2	-5.1	12.4
Woodson County -----	1 296.7	500.7	4 116	3.2	8.2	2 199	1.7	4.4	-10.4	-3.8	-4.0	12.9
Wyandotte County -----	392.1	151.4	161 993	413.1	1 070.0	69 102	176.2	456.4	-5.9	-7.7	.9	7.9



Table 5. Population by Urban and Rural Residence: 1990—Con.

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text.]

State County	Total population	Urban					Rural				Percent of total population			Percent change, 1980 to 1990		
		Total urban population	Inside urbanized area	Outside urbanized area			Total rural population	In place			Other rural	Urban		Rural	Urban	Rural
				Total	Place of 10,000 or more	Place of 2,500 to 9,999		Total	Place of 1,000 to 2,499	Place of less than 1,000		Total	Inside urbanized area			
<b>COUNTY—Con.</b>																
Osborne County .....	4 867	—	—	—	—	—	4 867	3 533	2 897	636	1 334	—	—	100.0	—	-18.3
Ottawa County .....	5 634	—	—	—	—	—	5 634	3 524	1 983	1 541	2 110	—	—	100.0	—	-5.6
Pawnee County .....	7 555	4 490	—	4 490	—	4 490	3 065	671	—	671	2 394	59.4	—	40.6	-6.7	-5.8
Phillips County .....	6 590	2 828	—	2 828	—	2 828	3 762	1 670	—	1 670	2 092	42.9	—	57.1	-12.4	-9.9
Pottawatomie County .....	16 128	3 849	—	3 849	143	3 706	12 279	4 510	1 791	2 719	7 769	23.9	—	76.1	15.9	7.1
Pratt County .....	9 702	6 687	—	6 687	—	6 687	3 015	850	—	850	2 165	68.9	—	31.1	-2.9	-11.1
Rawlins County .....	3 404	—	—	—	—	—	3 404	1 742	1 388	354	1 662	—	—	100.0	—	-17.1
Reno County .....	62 389	39 308	—	39 308	39 308	—	23 081	8 442	6 056	2 386	14 639	63.0	—	37.0	-2.4	-6.6
Republic County .....	6 482	2 517	—	2 517	—	2 517	3 965	1 520	—	1 520	2 445	38.8	—	61.2	-10.3	-16.8
Rice County .....	10 610	3 688	—	3 688	—	3 688	6 922	4 236	2 115	2 121	2 686	34.8	—	65.2	-11.2	-10.7
Riley County .....	67 139	49 734	—	49 734	49 734	—	17 405	2 801	1 494	1 307	14 604	74.1	—	25.9	6.0	4.9
Rooks County .....	6 039	—	—	—	—	—	6 039	4 359	3 680	679	1 680	—	—	100.0	—	-13.8
Rush County .....	3 842	—	—	—	—	—	3 842	2 756	1 427	1 329	1 086	—	—	100.0	—	-14.9
Russell County .....	7 835	4 781	—	4 781	—	4 781	3 054	1 426	—	1 426	1 628	61.0	—	39.0	-11.9	-11.2
Saline County .....	49 301	42 297	—	42 297	42 297	—	7 004	1 325	—	1 325	5 679	85.8	—	14.2	1.1	-8
Scott County .....	5 289	3 785	—	3 785	—	3 785	1 504	—	—	—	1 504	71.6	—	28.4	-8.9	-7.6
Sedgwick County .....	403 662	360 578	338 789	21 789	14 699	7 090	43 084	10 629	7 982	2 647	32 455	89.3	83.9	10.7	10.7	5.3
Seward County .....	18 743	16 573	—	16 573	16 573	—	2 170	421	—	421	1 749	88.4	—	11.6	11.1	.5
Shawnee County .....	160 976	132 711	132 711	—	—	—	28 265	3 460	2 442	1 018	24 805	82.4	82.4	17.6	5.4	-2.5
Sheridan County .....	3 043	—	—	—	—	—	3 043	1 590	1 342	248	1 453	—	—	100.0	—	-14.1
Sherman County .....	6 926	4 983	—	4 983	—	4 983	1 943	276	—	276	1 667	71.9	—	28.1	-12.7	-5.3
Smith County .....	5 078	—	—	—	—	—	5 078	3 217	2 016	1 201	1 861	—	—	100.0	—	-14.6
Stafford County .....	5 365	—	—	—	—	—	5 365	3 466	2 701	765	1 899	—	—	100.0	—	-5.8
Stanton County .....	2 333	—	—	—	—	—	2 333	1 534	1 348	186	799	—	—	100.0	—	-3
Stevens County .....	5 048	3 179	—	3 179	—	3 179	1 869	252	—	252	1 617	63.0	—	37.0	.4	19.0
Sumner County .....	25 841	9 619	—	9 619	—	9 619	16 222	6 967	5 527	1 440	9 255	37.2	—	62.8	1.6	5.0
Thomas County .....	8 258	5 396	—	5 396	—	5 396	2 862	679	58	621	2 183	65.3	—	34.7	-2.7	-1.5
Trego County .....	3 694	—	—	—	—	—	3 694	2 305	2 161	144	1 389	—	—	100.0	—	-11.3
Wabaunsee County .....	6 603	—	—	—	—	—	6 603	2 937	—	2 937	3 666	—	—	100.0	—	-3.8
Wallace County .....	1 821	—	—	—	—	—	1 821	947	—	947	874	—	—	100.0	—	-11.0
Washington County .....	7 073	—	—	—	—	—	7 073	3 961	1 304	2 657	3 112	—	—	100.0	—	-17.2
Wichita County .....	2 758	—	—	—	—	—	2 758	1 738	1 738	—	1 020	—	—	100.0	—	-9.3
Wilson County .....	10 289	5 436	—	5 436	—	5 436	4 853	903	—	903	3 950	52.8	—	47.2	-15.9	-14.4
Woodson County .....	4 116	—	—	—	—	—	4 116	2 289	1 815	474	1 827	—	—	100.0	—	-10.5
Wyandotte County .....	161 993	160 196	149 807	10 389	—	10 389	1 797	—	—	—	1 797	98.9	92.5	1.1	-6.2	19.9





Table 6. Housing Units by Urban and Rural Residence: 1990—Con.

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text]

State County	Total housing units	Urban				Rural				Percent of total housing units			Percent change, 1980 to 1990					
		Total urban housing units	Inside urban- ized area	Outside urbanized area		Total rural housing units	In place		Other rural	Urban		Rural	Urban	Rural				
				Total	Place of 10,000 or more		Place of 2,500 to 9,999	Total		Place of 1,000 to 2,499	Place of less than 1,000				Total	Inside urban- ized area		
<b>COUNTY—Con.</b>																		
Osborne County .....	2 496	—	—	—	—	—	—	—	2 496	1 857	1 435	422	639	—	—	100.0	—	—10.0
Ottawa County .....	2 591	—	—	—	—	—	—	—	2 591	1 645	899	746	946	—	—	100.0	—	-2.8
Pawnee County .....	3 412	2 231	—	2 231	—	2 231	—	—	1 181	351	—	351	830	65.4	—	34.6	2.2	-6.2
Phillips County .....	3 264	1 398	—	1 398	—	1 398	—	—	1 866	917	—	917	949	42.8	—	57.2	-2.6	-9.7
Pottawatomie County .....	6 472	1 548	—	1 548	80	1 468	—	—	4 924	1 879	675	1 204	3 045	23.9	—	76.1	9.5	6.6
Pratt County .....	4 620	3 209	—	3 209	—	3 209	—	—	1 411	442	—	442	969	69.5	—	30.5	6.3	-1.5
Rawlins County .....	1 744	—	—	—	—	—	—	—	1 744	965	734	231	779	—	—	100.0	—	-4.5
Reno County .....	26 607	17 163	—	17 163	17 163	—	—	—	9 444	3 727	2 554	1 173	5 717	64.5	—	35.5	.4	-3
Republic County .....	3 283	1 260	—	1 260	—	1 260	—	—	2 023	888	—	888	1 135	38.4	—	61.6	-6.8	-17.4
Rice County .....	4 868	1 808	—	1 808	—	1 808	—	—	3 060	1 976	878	1 098	1 084	37.1	—	62.9	-1.5	-2.5
Riley County .....	22 868	17 155	—	17 155	17 155	—	—	—	5 713	1 407	782	625	4 306	75.0	—	25.0	9.3	10.4
Rooks County .....	2 979	—	—	—	—	—	—	—	2 979	2 201	1 793	408	778	—	—	100.0	—	-5.0
Rush County .....	1 999	—	—	—	—	—	—	—	1 999	1 407	711	696	592	—	—	100.0	—	-4.8
Russell County .....	4 079	2 495	—	2 495	—	2 495	—	—	1 584	800	—	800	784	61.2	—	38.8	2.7	-6.8
Saline County .....	21 129	18 408	—	18 408	18 408	—	—	—	2 721	555	—	555	2 166	87.1	—	12.9	4.2	2.8
Scott County .....	2 305	1 692	—	1 692	—	1 692	—	—	613	—	—	—	613	73.4	—	26.6	-2.5	.7
Sedgwick County .....	170 159	154 776	147 225	7 551	5 002	2 549	—	—	15 383	3 789	2 826	963	11 594	91.0	86.5	9.0	17.5	10.9
Seward County .....	7 572	6 663	—	6 663	6 663	—	—	—	909	174	—	174	735	88.0	—	12.0	13.8	6.9
Shawnee County .....	68 991	59 021	59 021	—	—	—	—	—	9 970	1 278	911	367	8 692	85.5	85.5	14.5	8.1	1.4
Sheridan County .....	1 324	—	—	—	—	—	—	—	1 324	756	641	115	568	—	—	100.0	—	-8.3
Sherman County .....	3 177	2 360	—	2 360	—	2 360	—	—	817	114	—	114	703	74.3	—	25.7	-1.8	-8.0
Smith County .....	2 615	—	—	—	—	—	—	—	2 615	1 728	1 055	673	887	—	—	100.0	—	-7.1
Stafford County .....	2 666	—	—	—	—	—	—	—	2 666	1 777	1 393	384	889	—	—	100.0	—	-1.6
Stanton County .....	956	—	—	—	—	—	—	—	956	624	535	89	332	—	—	100.0	—	-4
Stevens County .....	2 116	1 360	—	1 360	—	1 360	—	—	756	105	—	105	651	64.3	—	35.7	4.7	11.3
Sumner County .....	10 769	4 240	—	4 240	—	4 240	—	—	6 529	3 018	2 315	703	3 511	39.4	—	60.6	4.2	3.8
Thomas County .....	3 534	2 272	—	2 272	—	2 272	—	—	1 262	342	22	320	920	64.3	—	35.7	1.7	—
Trego County .....	1 851	—	—	—	—	—	—	—	1 851	1 156	1 072	84	695	—	—	100.0	—	-7.0
Wabaunsee County .....	2 853	—	—	—	—	—	—	—	2 853	1 248	—	1 248	1 605	—	—	100.0	—	-1.3
Wallace County .....	840	—	—	—	—	—	—	—	840	473	—	473	367	—	—	100.0	—	-5.8
Washington County .....	3 355	—	—	—	—	—	—	—	3 355	2 021	675	1 346	1 334	—	—	100.0	—	-6.3
Wichita County .....	1 190	—	—	—	—	—	—	—	1 190	760	760	—	430	—	—	100.0	—	-8.0
Wilson County .....	5 091	2 761	—	2 761	—	2 761	—	—	2 330	458	—	458	1 872	54.2	—	45.8	-6.2	-4.0
Woodson County .....	2 199	—	—	—	—	—	—	—	2 199	1 293	956	337	906	—	—	100.0	—	-4.1
Wyandotte County .....	69 102	68 501	64 473	4 028	—	4 028	—	—	601	—	—	—	601	99.1	93.3	.9	.7	21.4

Table 7. Land Area by Urban and Rural Residence: 1990

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

State County	Total land area	Urban					Rural					Percent of total land area				
		Total urban land area	Inside urban-ized area	Outside urbanized area			Total rural land area	In place			Other rural	Urban		Rural		
				Total	Place of 10,000 or more	Place of 2,500 to 9,999		Total	Place of 1,000 to 2,499	Place of less than 1,000		Total	Inside urban-ized area			
<b>THE STATE</b>																
Square kilometers .....	211 921.6	2 416.0	1 424.1	991.9	551.4	440.5	209 505.6	746.9	320.7	426.2	208 758.7	1.1	.7	98.9		
Square miles .....	81 823.0	932.8	549.9	383.0	212.9	170.1	80 890.2	288.4	123.8	164.6	80 601.8	1.1	.7	98.9		
<b>COUNTY</b>																
<b>Allen County</b>																
Square kilometers .....	1 302.9	9.2	—	9.2	—	9.2	1 293.8	10.6	3.7	6.9	1 283.2	.7	—	99.3		
Square miles .....	503.1	3.5	—	3.5	—	3.5	499.5	4.1	1.4	2.7	495.4	.7	—	99.3		
<b>Anderson County</b>																
Square kilometers .....	1 509.9	7.8	—	7.8	—	7.8	1 502.1	4.6	—	4.6	1 497.5	.5	—	99.5		
Square miles .....	583.0	3.0	—	3.0	—	3.0	580.0	1.8	—	1.8	578.2	.5	—	99.5		
<b>Atchison County</b>																
Square kilometers .....	1 119.8	16.8	—	16.8	16.8	—	1 103.1	5.0	—	5.0	1 098.1	1.5	—	98.5		
Square miles .....	432.4	6.5	—	6.5	6.5	—	425.9	1.9	—	1.9	424.0	1.5	—	98.5		
<b>Barber County</b>																
Square kilometers .....	2 937.5	—	—	—	—	—	2 937.5	10.1	6.1	4.0	2 927.4	—	—	100.0		
Square miles .....	1 134.2	—	—	—	—	—	1 134.2	3.9	2.3	1.6	1 130.3	—	—	100.0		
<b>Barton County</b>																
Square kilometers .....	2 315.6	28.0	—	28.0	25.1	2.9	2 287.6	6.7	2.9	3.8	2 280.9	1.2	—	98.8		
Square miles .....	894.0	10.8	—	10.8	9.7	1.1	883.2	2.6	1.1	1.5	880.6	1.2	—	98.8		
<b>Bourbon County</b>																
Square kilometers .....	1 650.2	13.0	—	13.0	—	13.0	1 637.2	3.8	—	3.8	1 633.4	.8	—	99.2		
Square miles .....	637.1	5.0	—	5.0	—	5.0	632.1	1.5	—	1.5	630.7	.8	—	99.2		
<b>Brown County</b>																
Square kilometers .....	1 478.1	5.1	—	5.1	—	5.1	1 473.0	9.2	5.4	3.9	1 463.7	.3	—	99.7		
Square miles .....	570.7	2.0	—	2.0	—	2.0	568.7	3.6	2.1	1.5	565.1	.3	—	99.7		
<b>Butler County</b>																
Square kilometers .....	3 698.9	32.3	—	32.3	15.6	16.7	3 666.6	12.3	6.4	5.8	3 654.3	.9	—	99.1		
Square miles .....	1 428.2	12.5	—	12.5	6.0	6.5	1 415.7	4.7	2.5	2.2	1 410.9	.9	—	99.1		
<b>Chase County</b>																
Square kilometers .....	2 009.7	—	—	—	—	—	2 009.7	3.9	—	3.9	2 005.7	—	—	100.0		
Square miles .....	775.9	—	—	—	—	—	775.9	1.5	—	1.5	774.4	—	—	100.0		
<b>Chautauqua County</b>																
Square kilometers .....	1 662.1	—	—	—	—	—	1 662.1	7.5	2.0	5.5	1 654.6	—	—	100.0		
Square miles .....	641.7	—	—	—	—	—	641.7	2.9	.8	2.1	638.8	—	—	100.0		
<b>Cherokee County</b>																
Square kilometers .....	1 520.8	23.9	—	23.9	—	23.9	1 496.9	6.3	—	6.3	1 490.6	1.6	—	98.4		
Square miles .....	587.2	9.2	—	9.2	—	9.2	578.0	2.5	—	2.5	575.5	1.6	—	98.4		
<b>Cheyenne County</b>																
Square kilometers .....	2 641.6	—	—	—	—	—	2 641.6	8.0	2.2	5.8	2 633.7	—	—	100.0		
Square miles .....	1 019.9	—	—	—	—	—	1 019.9	3.1	.8	2.2	1 016.9	—	—	100.0		
<b>Clark County</b>																
Square kilometers .....	2 524.6	—	—	—	—	—	2 524.6	8.1	4.4	3.8	2 516.5	—	—	100.0		
Square miles .....	974.7	—	—	—	—	—	974.7	3.1	1.7	1.4	971.6	—	—	100.0		
<b>Clay County</b>																
Square kilometers .....	1 667.6	6.0	—	6.0	—	6.0	1 661.6	3.7	—	3.7	1 657.9	.4	—	99.6		
Square miles .....	643.9	2.3	—	2.3	—	2.3	641.5	1.4	—	1.4	640.1	.4	—	99.6		
<b>Cloud County</b>																
Square kilometers .....	1 853.6	8.0	—	8.0	—	8.0	1 845.6	5.5	—	5.5	1 840.1	.4	—	99.6		
Square miles .....	715.7	3.1	—	3.1	—	3.1	712.6	2.1	—	2.1	710.5	.4	—	99.6		
<b>Coffey County</b>																
Square kilometers .....	1 632.4	4.8	—	4.8	—	4.8	1 627.6	8.8	—	8.8	1 618.8	.3	—	99.7		
Square miles .....	630.3	1.8	—	1.8	—	1.8	628.4	3.4	—	3.4	625.0	.3	—	99.7		
<b>Comanche County</b>																
Square kilometers .....	2 041.9	—	—	—	—	—	2 041.9	9.9	—	9.9	2 032.0	—	—	100.0		
Square miles .....	788.4	—	—	—	—	—	788.4	3.8	—	3.8	784.5	—	—	100.0		
<b>Cowley County</b>																
Square kilometers .....	2 917.2	46.1	—	46.1	46.1	—	2 871.1	5.2	—	5.2	2 865.9	1.6	—	98.4		
Square miles .....	1 126.3	17.8	—	17.8	17.8	—	1 108.5	2.0	—	2.0	1 106.5	1.6	—	98.4		
<b>Crawford County</b>																
Square kilometers .....	1 535.8	39.6	—	39.6	25.9	13.6	1 496.3	12.3	2.7	9.6	1 484.0	2.6	—	97.4		
Square miles .....	593.0	15.3	—	15.3	10.0	5.3	577.7	4.7	1.0	3.7	573.0	2.6	—	97.4		
<b>Decatur County</b>																
Square kilometers .....	2 314.4	—	—	—	—	—	2 314.4	10.9	5.0	5.9	2 303.5	—	—	100.0		
Square miles .....	893.6	—	—	—	—	—	893.6	4.2	1.9	2.3	889.4	—	—	100.0		
<b>Dickinson County</b>																
Square kilometers .....	2 197.5	14.6	—	14.6	—	14.6	2 182.9	7.3	1.3	6.0	2 175.5	.7	—	99.3		
Square miles .....	848.4	5.6	—	5.6	—	5.6	842.8	2.8	.5	2.3	840.0	.7	—	99.3		
<b>Doniphan County</b>																
Square kilometers .....	1 015.8	5.3	5.3	—	—	—	1 010.5	9.5	5.3	4.1	1 001.1	.5	.5	99.5		
Square miles .....	392.2	2.0	2.0	—	—	—	390.2	3.7	2.1	1.6	386.5	.5	.5	99.5		

Table 7. Land Area by Urban and Rural Residence: 1990—Con.

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

State County	Total land area	Urban					Rural					Percent of total land area					
		Total urban land area	Inside urban-ized area	Outside urbanized area			Total rural land area	In place			Other rural	Urban		Rural			
				Total	Place of 10,000 or more	Place of 2,500 to 9,999		Total	Place of 1,000 to 2,499	Place of less than 1,000		Total	Inside urban-ized area				
<b>COUNTY—Con.</b>																	
<b>Douglas County</b>																	
Square kilometers .....	1 183.5	67.3	59.7	7.7	—	7.7	1 116.2	2.3	—	2.3	1 113.9	5.7	5.0	—	—	94.3	—
Square miles .....	457.0	26.0	23.0	3.0	—	3.0	431.0	.9	—	.9	430.1	5.7	5.0	—	—	94.3	—
<b>Edwards County</b>																	
Square kilometers .....	1 611.1	—	—	—	—	—	1 611.1	6.0	3.4	2.6	1 605.2	—	—	—	—	100.0	—
Square miles .....	622.1	—	—	—	—	—	622.1	2.3	1.3	1.0	619.7	—	—	—	—	100.0	—
<b>Elk County</b>																	
Square kilometers .....	1 677.9	—	—	—	—	—	1 677.9	9.3	—	9.3	1 668.7	—	—	—	—	100.0	—
Square miles .....	647.9	—	—	—	—	—	647.9	3.6	—	3.6	644.3	—	—	—	—	100.0	—
<b>Ellis County</b>																	
Square kilometers .....	2 331.0	15.6	—	15.6	15.6	—	2 315.4	4.7	4.5	.3	2 310.7	.7	—	—	—	99.3	—
Square miles .....	900.0	6.0	—	6.0	6.0	—	894.0	1.8	1.7	.1	892.2	.7	—	—	—	99.3	—
<b>Ellsworth County</b>																	
Square kilometers .....	1 854.3	—	—	—	—	—	1 854.3	11.0	4.9	6.1	1 843.3	—	—	—	—	100.0	—
Square miles .....	715.9	—	—	—	—	—	715.9	4.2	1.9	2.3	711.7	—	—	—	—	100.0	—
<b>Finney County</b>																	
Square kilometers .....	3 367.4	19.1	—	19.1	19.1	—	3 348.3	2.5	2.5	—	3 345.9	.6	—	—	—	99.4	—
Square miles .....	1 300.2	7.4	—	7.4	7.4	—	1 292.8	.9	.9	—	1 291.8	.6	—	—	—	99.4	—
<b>Ford County</b>																	
Square kilometers .....	2 845.3	31.3	—	31.3	31.3	—	2 814.0	4.2	—	4.2	2 809.9	1.1	—	—	—	98.9	—
Square miles .....	1 098.6	12.1	—	12.1	12.1	—	1 086.5	1.6	—	1.6	1 084.9	1.1	—	—	—	98.9	—
<b>Franklin County</b>																	
Square kilometers .....	1 486.4	16.8	—	16.8	16.8	—	1 469.6	7.1	1.9	5.2	1 462.4	1.1	—	—	—	98.9	—
Square miles .....	573.9	6.5	—	6.5	6.5	—	567.4	2.7	.7	2.0	564.7	1.1	—	—	—	98.9	—
<b>Geary County</b>																	
Square kilometers .....	995.3	17.8	—	17.8	17.8	—	977.4	10.4	8.1	2.2	967.1	1.8	—	—	—	98.2	—
Square miles .....	384.3	6.9	—	6.9	6.9	—	377.4	4.0	3.1	.9	373.4	1.8	—	—	—	98.2	—
<b>Gove County</b>																	
Square kilometers .....	2 775.1	—	—	—	—	—	2 775.1	6.8	—	6.8	2 768.3	—	—	—	—	100.0	—
Square miles .....	1 071.5	—	—	—	—	—	1 071.5	2.6	—	2.6	1 068.8	—	—	—	—	100.0	—
<b>Graham County</b>																	
Square kilometers .....	2 326.7	—	—	—	—	—	2 326.7	4.3	2.4	1.9	2 322.4	—	—	—	—	100.0	—
Square miles .....	898.3	—	—	—	—	—	898.3	1.6	.9	.7	896.7	—	—	—	—	100.0	—
<b>Grant County</b>																	
Square kilometers .....	1 489.0	6.7	—	6.7	—	6.7	1 482.3	—	—	—	1 482.3	.4	—	—	—	99.6	—
Square miles .....	574.9	2.6	—	2.6	—	2.6	572.3	—	—	—	572.3	.4	—	—	—	99.6	—
<b>Gray County</b>																	
Square kilometers .....	2 250.6	—	—	—	—	—	2 250.6	5.9	2.2	3.8	2 244.7	—	—	—	—	100.0	—
Square miles .....	868.9	—	—	—	—	—	868.9	2.3	.8	1.4	866.7	—	—	—	—	100.0	—
<b>Greeley County</b>																	
Square kilometers .....	2 015.2	—	—	—	—	—	2 015.2	2.1	—	2.1	2 013.1	—	—	—	—	100.0	—
Square miles .....	778.1	—	—	—	—	—	778.1	.8	—	.8	777.2	—	—	—	—	100.0	—
<b>Greenwood County</b>																	
Square kilometers .....	2 952.1	5.0	—	5.0	—	5.0	2 947.1	6.0	—	6.0	2 941.1	.2	—	—	—	99.8	—
Square miles .....	1 139.8	1.9	—	1.9	—	1.9	1 137.9	2.3	—	2.3	1 135.6	.2	—	—	—	99.8	—
<b>Hamilton County</b>																	
Square kilometers .....	2 581.0	—	—	—	—	—	2 581.0	4.4	3.2	1.2	2 576.7	—	—	—	—	100.0	—
Square miles .....	996.5	—	—	—	—	—	996.5	1.7	1.2	.5	994.9	—	—	—	—	100.0	—
<b>Harper County</b>																	
Square kilometers .....	2 075.8	3.9	—	3.9	—	3.9	2 071.9	7.7	3.3	4.4	2 064.2	.2	—	—	—	99.8	—
Square miles .....	801.5	1.5	—	1.5	—	1.5	800.0	3.0	1.3	1.7	797.0	.2	—	—	—	99.8	—
<b>Harvey County</b>																	
Square kilometers .....	1 397.1	26.6	—	26.6	20.5	6.1	1 370.5	8.5	6.3	2.2	1 362.0	1.9	—	—	—	98.1	—
Square miles .....	539.4	10.3	—	10.3	7.9	2.4	529.1	3.3	2.4	.9	525.9	1.9	—	—	—	98.1	—
<b>Haskell County</b>																	
Square kilometers .....	1 495.4	—	—	—	—	—	1 495.4	3.3	3.3	—	1 492.1	—	—	—	—	100.0	—
Square miles .....	577.4	—	—	—	—	—	577.4	1.3	1.3	—	576.1	—	—	—	—	100.0	—
<b>Hodgeman County</b>																	
Square kilometers .....	2 227.3	—	—	—	—	—	2 227.3	3.3	—	3.3	2 224.1	—	—	—	—	100.0	—
Square miles .....	860.0	—	—	—	—	—	860.0	1.3	—	1.3	858.7	—	—	—	—	100.0	—
<b>Jackson County</b>																	
Square kilometers .....	1 701.2	6.0	—	6.0	—	6.0	1 695.3	8.0	—	8.0	1 687.2	.4	—	—	—	99.6	—
Square miles .....	656.9	2.3	—	2.3	—	2.3	654.5	3.1	—	3.1	651.4	.4	—	—	—	99.6	—
<b>Jefferson County</b>																	
Square kilometers .....	1 388.6	—	—	—	—	—	1 388.6	10.8	4.3	6.6	1 377.8	—	—	—	—	100.0	—
Square miles .....	536.2	—	—	—	—	—	536.2	4.2	1.6	2.5	532.0	—	—	—	—	100.0	—
<b>Jewell County</b>																	
Square kilometers .....	2 354.9	—	—	—	—	—	2 354.9	8.1	2.6	5.5	2 346.7	—	—	—	—	100.0	—
Square miles .....	909.2	—	—	—	—	—	909.2	3.1	1.0	2.1	906.1	—	—	—	—	100.0	—

Table 7. Land Area by Urban and Rural Residence: 1990—Con.

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

State County	Total land area	Urban						Rural				Percent of total land area		
		Total urban land area	Inside urban-ized area	Outside urbanized area			Total rural land area	In place			Other rural	Urban		Rural
				Total	Place of 10,000 or more	Place of 2,500 to 9,999		Total	Place of 1,000 to 2,499	Place of less than 1,000		Total	Inside urban-ized area	
<b>COUNTY—Con.</b>														
<b>Johnson County</b>														
Square kilometers	1 234.9	535.2	526.5	8.7	—	8.7	699.6	23.5	23.5	—	676.2	43.3	42.6	56.7
Square miles	476.8	206.7	203.3	3.4	—	3.4	270.1	9.1	9.1	—	261.1	43.3	42.6	56.7
<b>Kearny County</b>														
Square kilometers	2 253.4	—	—	—	—	—	2 253.4	3.5	2.3	1.2	2 249.9	—	—	100.0
Square miles	870.0	—	—	—	—	—	870.0	1.4	.9	.4	868.7	—	—	100.0
<b>Kingman County</b>														
Square kilometers	2 237.0	8.0	—	8.0	—	8.0	2 229.1	4.8	—	4.8	2 224.3	.4	—	99.6
Square miles	863.7	3.1	—	3.1	—	3.1	860.6	1.8	—	1.8	858.8	.4	—	99.6
<b>Kiowa County</b>														
Square kilometers	1 871.1	—	—	—	—	—	1 871.1	6.8	4.0	2.8	1 864.3	—	—	100.0
Square miles	722.4	—	—	—	—	—	722.4	2.6	1.5	1.1	719.8	—	—	100.0
<b>Labelle County</b>														
Square kilometers	1 680.7	16.6	—	16.6	16.6	—	1 664.0	14.7	11.3	3.4	1 649.3	1.0	—	99.0
Square miles	648.9	6.4	—	6.4	6.4	—	642.5	5.7	4.4	1.3	636.8	1.0	—	99.0
<b>Lane County</b>														
Square kilometers	1 857.7	—	—	—	—	—	1 857.7	2.3	2.3	—	1 855.4	—	—	100.0
Square miles	717.3	—	—	—	—	—	717.3	.9	.9	—	716.4	—	—	100.0
<b>Leavenworth County</b>														
Square kilometers	1 200.0	80.9	—	80.9	58.8	22.1	1 119.1	14.6	13.1	1.4	1 104.5	6.7	—	93.3
Square miles	463.3	31.2	—	31.2	22.7	8.5	432.1	5.6	5.1	.6	426.5	6.7	—	93.3
<b>Lincoln County</b>														
Square kilometers	1 862.0	—	—	—	—	—	1 862.0	4.7	2.7	2.0	1 857.2	—	—	100.0
Square miles	718.9	—	—	—	—	—	718.9	1.8	1.0	.8	717.1	—	—	100.0
<b>Linn County</b>														
Square kilometers	1 550.8	—	—	—	—	—	1 550.8	11.5	5.6	5.9	1 539.3	—	—	100.0
Square miles	598.8	—	—	—	—	—	598.8	4.5	2.2	2.3	594.3	—	—	100.0
<b>Logan County</b>														
Square kilometers	2 779.2	—	—	—	—	—	2 779.2	5.9	3.3	2.6	2 773.3	—	—	100.0
Square miles	1 073.1	—	—	—	—	—	1 073.1	2.3	1.3	1.0	1 070.8	—	—	100.0
<b>Lyon County</b>														
Square kilometers	2 204.1	23.8	—	23.8	23.8	—	2 180.3	8.3	—	8.3	2 172.0	1.1	—	98.9
Square miles	851.0	9.2	—	9.2	9.2	—	841.8	3.2	—	3.2	838.6	1.1	—	98.9
<b>McPherson County</b>														
Square kilometers	2 330.5	16.9	—	16.9	13.3	3.6	2 313.6	7.0	3.2	3.8	2 306.6	.7	—	99.3
Square miles	899.8	6.5	—	6.5	5.1	1.4	893.3	2.7	1.2	1.5	890.6	.7	—	99.3
<b>Marion County</b>														
Square kilometers	2 442.8	4.4	—	4.4	—	4.4	2 438.4	14.9	7.5	7.3	2 423.5	.2	—	99.8
Square miles	943.2	1.7	—	1.7	—	1.7	941.5	5.7	2.9	2.8	935.7	.2	—	99.8
<b>Marshall County</b>														
Square kilometers	2 337.8	4.9	—	4.9	—	4.9	2 332.9	12.8	5.3	7.5	2 320.1	.2	—	99.8
Square miles	902.6	1.9	—	1.9	—	1.9	900.7	4.9	2.1	2.9	895.8	.2	—	99.8
<b>Meade County</b>														
Square kilometers	2 534.3	—	—	—	—	—	2 534.3	6.2	2.4	3.8	2 528.0	—	—	100.0
Square miles	978.5	—	—	—	—	—	978.5	2.4	.9	1.5	976.1	—	—	100.0
<b>Miami County</b>														
Square kilometers	1 493.8	16.0	—	16.0	—	16.0	1 477.8	6.7	6.2	.5	1 471.1	1.1	—	98.9
Square miles	576.8	6.2	—	6.2	—	6.2	570.6	2.6	2.4	.2	568.0	1.1	—	98.9
<b>Mitchell County</b>														
Square kilometers	1 812.8	9.0	—	9.0	—	9.0	1 803.8	6.0	—	6.0	1 797.8	.5	—	99.5
Square miles	699.9	3.5	—	3.5	—	3.5	696.4	2.3	—	2.3	694.1	.5	—	99.5
<b>Montgomery County</b>														
Square kilometers	1 671.2	29.9	—	29.9	18.2	11.7	1 641.3	11.0	6.9	4.1	1 630.4	1.8	—	98.2
Square miles	645.3	11.5	—	11.5	7.0	4.5	633.7	4.2	2.7	1.6	629.5	1.8	—	98.2
<b>Morris County</b>														
Square kilometers	1 806.4	.2	—	.2	—	.2	1 806.2	10.3	4.4	5.9	1 795.9	—	—	100.0
Square miles	697.4	.1	—	.1	—	.1	697.4	4.0	1.7	2.3	693.4	—	—	100.0
<b>Morton County</b>														
Square kilometers	1 890.6	—	—	—	—	—	1 890.6	8.0	4.8	3.2	1 882.6	—	—	100.0
Square miles	730.0	—	—	—	—	—	730.0	3.1	1.9	1.3	726.9	—	—	100.0
<b>Nemaha County</b>														
Square kilometers	1 862.4	—	—	—	—	—	1 862.4	11.6	7.1	4.5	1 850.8	—	—	100.0
Square miles	719.1	—	—	—	—	—	719.1	4.5	2.7	1.7	714.6	—	—	100.0
<b>Neosho County</b>														
Square kilometers	1 481.3	15.2	—	15.2	—	15.2	1 466.0	7.3	2.2	5.1	1 458.7	1.0	—	99.0
Square miles	571.9	5.9	—	5.9	—	5.9	566.0	2.8	.8	2.0	563.2	1.0	—	99.0
<b>Ness County</b>														
Square kilometers	2 783.8	—	—	—	—	—	2 783.8	5.8	2.6	3.2	2 777.9	—	—	100.0
Square miles	1 074.8	—	—	—	—	—	1 074.8	2.3	1.0	1.2	1 072.6	—	—	100.0

14 KANSAS

POPULATION AND HOUSING UNIT COUNTS

Table 7. Land Area by Urban and Rural Residence: 1990—Con.

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

State County	Total land area	Urban					Rural				Percent of total land area			
		Total urban land area	Inside urban-ized area	Outside urbanized area			Total rural land area	In place			Other rural	Urban		Rural
				Total	Place of 10,000 or more	Place of 2,500 to 9,999		Total	Place of 1,000 to 2,499	Place of less than 1,000		Total	Inside urban-ized area	
<b>COUNTY—Con.</b>														
<b>Norton County</b>														
Square kilometers	2 273.7	4.9	—	4.9	—	4.9	2 268.8	4.2	—	4.2	2 264.6	.2	—	99.8
Square miles	877.9	1.9	—	1.9	—	1.9	876.0	1.6	—	1.6	874.4	.2	—	99.8
<b>Osage County</b>														
Square kilometers	1 822.3	7.9	—	7.9	—	7.9	1 814.4	12.4	3.9	8.5	1 802.0	.4	—	99.6
Square miles	703.6	3.0	—	3.0	—	3.0	700.6	4.8	1.5	3.3	695.8	.4	—	99.6
<b>Osborne County</b>														
Square kilometers	2 311.9	—	—	—	—	—	2 311.9	8.6	6.0	2.6	2 303.3	—	—	100.0
Square miles	892.6	—	—	—	—	—	892.6	3.3	2.3	1.0	889.3	—	—	100.0
<b>Ottawa County</b>														
Square kilometers	1 867.8	—	—	—	—	—	1 867.8	7.5	3.7	3.8	1 860.3	—	—	100.0
Square miles	721.2	—	—	—	—	—	721.2	2.9	1.4	1.5	718.3	—	—	100.0
<b>Pawnee County</b>														
Square kilometers	1 953.4	6.0	—	6.0	—	6.0	1 947.4	2.6	—	2.6	1 944.8	.3	—	99.7
Square miles	754.2	2.3	—	2.3	—	2.3	751.9	1.0	—	1.0	750.9	.3	—	99.7
<b>Phillips County</b>														
Square kilometers	2 295.4	3.9	—	3.9	—	3.9	2 291.5	9.6	—	9.6	2 281.9	.2	—	99.8
Square miles	886.3	1.5	—	1.5	—	1.5	884.8	3.7	—	3.7	881.0	.2	—	99.8
<b>Pottawatomie County</b>														
Square kilometers	2 186.7	5.5	—	5.5	2.2	3.3	2 181.2	9.1	2.0	7.1	2 172.1	.3	—	99.7
Square miles	844.3	2.1	—	2.1	.9	1.3	842.2	3.5	.8	2.8	838.6	.3	—	99.7
<b>Pratt County</b>														
Square kilometers	1 903.7	8.2	—	8.2	—	8.2	1 895.5	4.6	—	4.6	1 890.9	.4	—	99.6
Square miles	735.0	3.2	—	3.2	—	3.2	731.8	1.8	—	1.8	730.1	.4	—	99.6
<b>Rawlins County</b>														
Square kilometers	2 770.5	—	—	—	—	—	2 770.5	3.9	2.7	1.2	2 766.6	—	—	100.0
Square miles	1 069.7	—	—	—	—	—	1 069.7	1.5	1.0	.5	1 068.2	—	—	100.0
<b>Reno County</b>														
Square kilometers	3 249.2	53.6	—	53.6	53.6	—	3 195.6	22.7	13.3	9.4	3 172.9	1.6	—	98.4
Square miles	1 254.5	20.7	—	20.7	20.7	—	1 233.8	8.8	5.1	3.6	1 225.1	1.6	—	98.4
<b>Republic County</b>														
Square kilometers	1 855.9	4.9	—	4.9	—	4.9	1 850.9	4.7	—	4.7	1 846.2	.3	—	99.7
Square miles	716.5	1.9	—	1.9	—	1.9	714.6	1.8	—	1.8	712.8	.3	—	99.7
<b>Rice County</b>														
Square kilometers	1 881.9	5.3	—	5.3	—	5.3	1 876.6	8.6	3.2	5.4	1 867.9	.3	—	99.7
Square miles	726.6	2.1	—	2.1	—	2.1	724.6	3.3	1.2	2.1	721.2	.3	—	99.7
<b>Riley County</b>														
Square kilometers	1 579.0	39.3	—	39.3	39.3	—	1 539.7	3.7	1.3	2.3	1 536.0	2.5	—	97.5
Square miles	609.6	15.2	—	15.2	15.2	—	594.5	1.4	.5	.9	593.1	2.5	—	97.5
<b>Rooks County</b>														
Square kilometers	2 300.9	—	—	—	—	—	2 300.9	8.4	6.1	2.3	2 292.6	—	—	100.0
Square miles	888.4	—	—	—	—	—	888.4	3.2	2.4	.9	885.2	—	—	100.0
<b>Rush County</b>														
Square kilometers	1 860.3	—	—	—	—	—	1 860.3	8.9	2.6	6.3	1 851.4	—	—	100.0
Square miles	718.2	—	—	—	—	—	718.2	3.4	1.0	2.4	714.8	—	—	100.0
<b>Russell County</b>														
Square kilometers	2 291.5	11.1	—	11.1	—	11.1	2 280.4	8.5	—	8.5	2 271.9	.5	—	99.5
Square miles	884.7	4.3	—	4.3	—	4.3	880.5	3.3	—	3.3	877.2	.5	—	99.5
<b>Saline County</b>														
Square kilometers	1 863.9	38.3	—	38.3	38.3	—	1 825.6	3.6	—	3.6	1 822.0	2.1	—	97.9
Square miles	719.6	14.8	—	14.8	14.8	—	704.8	1.4	—	1.4	703.5	2.1	—	97.9
<b>Scott County</b>														
Square kilometers	1 858.5	4.1	—	4.1	—	4.1	1 854.4	—	—	—	1 854.4	.2	—	99.8
Square miles	717.6	1.6	—	1.6	—	1.6	716.0	—	—	—	716.0	.2	—	99.8
<b>Sedgwick County</b>														
Square kilometers	2 590.6	393.7	374.3	19.4	12.0	7.4	2 197.0	16.9	13.0	3.9	2 180.1	15.2	14.4	84.8
Square miles	1 000.2	152.0	144.5	7.5	4.6	2.9	848.3	6.5	5.0	1.5	841.7	15.2	14.4	84.8
<b>Seward County</b>														
Square kilometers	1 656.5	24.6	—	24.6	24.6	—	1 631.8	.5	—	.5	1 631.3	1.5	—	98.5
Square miles	639.6	9.5	—	9.5	9.5	—	630.1	.2	—	.2	629.9	1.5	—	98.5
<b>Shawnee County</b>														
Square kilometers	1 424.1	178.4	178.4	—	—	—	1 245.7	4.2	2.6	1.6	1 241.6	12.5	12.5	87.5
Square miles	549.9	68.9	68.9	—	—	—	481.0	1.6	1.0	.6	479.4	12.5	12.5	87.5
<b>Sheridan County</b>														
Square kilometers	2 321.7	—	—	—	—	—	2 321.7	2.9	2.1	.8	2 318.8	—	—	100.0
Square miles	896.4	—	—	—	—	—	896.4	1.1	.8	.3	895.3	—	—	100.0
<b>Sherman County</b>														
Square kilometers	2 734.7	11.2	—	11.2	—	11.2	2 723.5	.7	—	.7	2 722.8	.4	—	99.6
Square miles	1 055.9	4.3	—	4.3	—	4.3	1 051.5	.3	—	.3	1 051.3	.4	—	99.6

Table 7. Land Area by Urban and Rural Residence: 1990—Con.

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

State County	Total land area	Urban					Rural					Percent of total land area			
		Total urban land area	Inside urban-ized area	Outside urbanized area			Total rural land area	In place			Other rural	Urban		Rural	
				Total	Place of 10,000 or more	Place of 2,500 to 9,999		Total	Place of 1,000 to 2,499	Place of less than 1,000		Total	Inside urban-ized area		
<b>COUNTY—Con.</b>															
<b>Smith County</b>															
Square kilometers .....	2 319.2	—	—	—	—	—	2 319.2	6.2	3.0	3.2	2 313.0	—	—	100.0	
Square miles .....	895.5	—	—	—	—	—	895.5	2.4	1.1	1.2	893.1	—	—	100.0	
<b>Stafford County</b>															
Square kilometers .....	2 051.5	—	—	—	—	—	2 051.5	10.8	7.1	3.7	2 040.8	—	—	100.0	
Square miles .....	792.1	—	—	—	—	—	792.1	4.2	2.7	1.4	787.9	—	—	100.0	
<b>Stanton County</b>															
Square kilometers .....	1 761.4	—	—	—	—	—	1 761.4	3.5	2.9	.6	1 757.9	—	—	100.0	
Square miles .....	680.1	—	—	—	—	—	680.1	1.3	1.1	.2	678.7	—	—	100.0	
<b>Stevens County</b>															
Square kilometers .....	1 884.5	3.6	—	3.6	—	3.6	1 880.9	.5	—	.5	1 880.4	.2	—	99.8	
Square miles .....	727.6	1.4	—	1.4	—	1.4	726.2	.2	—	.2	726.0	.2	—	99.8	
<b>Sumner County</b>															
Square kilometers .....	3 061.1	14.1	—	14.1	—	14.1	3 047.0	14.3	8.6	5.7	3 032.7	.5	—	99.5	
Square miles .....	1 181.9	5.4	—	5.4	—	5.4	1 176.4	5.5	3.3	2.2	1 170.9	.5	—	99.5	
<b>Thomas County</b>															
Square kilometers .....	2 783.9	8.0	—	8.0	—	8.0	2 775.9	2.6	.1	2.5	2 773.3	.3	—	99.7	
Square miles .....	1 074.9	3.1	—	3.1	—	3.1	1 071.8	1.0	—	1.0	1 070.8	.3	—	99.7	
<b>Trego County</b>															
Square kilometers .....	2 300.9	—	—	—	—	—	2 300.9	5.1	4.4	.6	2 295.8	—	—	100.0	
Square miles .....	888.4	—	—	—	—	—	888.4	2.0	1.7	.3	886.4	—	—	100.0	
<b>Wabaunsee County</b>															
Square kilometers .....	2 065.4	—	—	—	—	—	2 065.4	5.1	—	5.1	2 060.3	—	—	100.0	
Square miles .....	797.5	—	—	—	—	—	797.5	2.0	—	2.0	795.5	—	—	100.0	
<b>Wallace County</b>															
Square kilometers .....	2 367.4	—	—	—	—	—	2 367.4	3.3	—	3.3	2 364.1	—	—	100.0	
Square miles .....	914.1	—	—	—	—	—	914.1	1.3	—	1.3	912.8	—	—	100.0	
<b>Washington County</b>															
Square kilometers .....	2 327.1	—	—	—	—	—	2 327.1	9.6	1.9	7.7	2 317.5	—	—	100.0	
Square miles .....	898.5	—	—	—	—	—	898.5	3.7	.7	3.0	894.8	—	—	100.0	
<b>Wichita County</b>															
Square kilometers .....	1 861.1	—	—	—	—	—	1 861.1	3.4	3.4	—	1 857.7	—	—	100.0	
Square miles .....	718.6	—	—	—	—	—	718.6	1.3	1.3	—	717.3	—	—	100.0	
<b>Wilson County</b>															
Square kilometers .....	1 486.4	8.8	—	8.8	—	8.8	1 477.6	3.7	—	3.7	1 473.9	.6	—	99.4	
Square miles .....	573.9	3.4	—	3.4	—	3.4	570.5	1.4	—	1.4	569.1	.6	—	99.4	
<b>Woodson County</b>															
Square kilometers .....	1 296.7	—	—	—	—	—	1 296.7	8.3	5.9	2.4	1 288.4	—	—	100.0	
Square miles .....	500.7	—	—	—	—	—	500.7	3.2	2.3	.9	497.5	—	—	100.0	
<b>Wyandotte County</b>															
Square kilometers .....	392.1	342.8	280.0	62.8	—	62.8	49.3	—	—	—	49.3	87.4	71.4	12.6	
Square miles .....	151.4	132.4	108.1	24.3	—	24.3	19.0	—	—	—	19.0	87.4	71.4	12.6	







Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Table with columns: State, County Subdivision, Place, Population (1990, 1980, 1970), Housing units (1990, 1980, 1970), 1990 area measurements (Total area: Square kilometers, Square miles; Land area: Square kilometers, Square miles), and 1990 density (Population per: Square kilometer, Square mile; Housing units per: Square kilometer, Square mile).



20 KANSAS

POPULATION AND HOUSING UNIT COUNTS

Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

State County County Subdivision Place	Population			Housing units			1990 area measurements				1990 density				
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—		
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile	
Clay County †—Con.															
Gill township	161	150	167	61	60	59	77.9	30.1	77.9	30.1	2.1	5.3	.8	2.0	
Goshen township	80	110	145	38	46	58	91.1	35.2	91.1	35.2	.9	2.3	.4	1.1	
Grant township	116	144	134	52	56	56	87.3	33.7	74.4	28.7	1.6	4.0	.7	1.8	
Hayes township	261	221	233	95	95	82	92.6	35.8	92.6	35.8	2.8	7.3	1.0	2.7	
Highland township	340	376	361	143	164	162	91.6	35.4	91.5	35.3	3.7	9.6	1.6	4.1	
Green city	150	155	163	64	84	85	.5	.2	.5	.2	300.0	750.0	128.0	320.0	
Mulberry township	402	501	576	186	206	228	99.2	38.3	97.3	37.5	4.1	10.7	1.9	5.0	
Clifton city (pt.)	227	324	359	115	131	139	.4	.2	.4	.2	567.5	1 135.0	287.5	575.0	
Vining city (pt.) †	35	55	48	27	27	31	.2	.1	.2	.1	175.0	350.0	120.0	240.0	
Oakland township	96	108	148	48	61	72	92.9	35.9	92.9	35.9	1.0	2.7	.5	1.3	
Oak Hill city	13	35	41	8	25	27	.1	—	.1	—	130.0	—	—	80.0	
Republican township	1 055	971	745	434	365	275	83.5	32.3	73.1	28.2	14.4	37.4	5.9	15.4	
Wakefield city †	900	803	583	366	305	220	1.2	.5	1.2	.5	750.0	1 800.0	305.0	732.0	
Sherman township	347	394	436	155	166	162	86.3	33.3	85.5	33.0	4.1	10.5	1.8	4.7	
Morganville city	181	261	257	88	111	101	.9	.3	.9	.3	201.1	603.3	97.8	293.3	
Union township	159	178	181	66	69	70	92.2	35.6	91.9	35.5	1.7	4.5	.7	1.9	
Cloud County †	11 023	12 494	13 466	5 198	5 497	5 206	1 860.9	718.5	1 853.6	715.7	5.9	15.4	2.8	7.3	
Arion township	107	137	166	50	60	50	93.8	36.2	93.7	36.2	1.1	3.0	.5	1.4	
Aurora township	195	230	280	84	101	112	93.7	36.2	93.7	36.2	2.1	5.4	.9	2.3	
Aurora city	101	130	120	49	54	62	.3	.1	.3	.1	336.7	1 010.0	163.3	490.0	
Buffalo township	159	152	200	71	72	80	112.5	43.4	112.0	43.2	1.4	3.7	.6	1.6	
Center township	218	196	202	84	87	78	140.5	54.3	140.5	54.3	1.6	4.0	.6	1.5	
Colfax township	69	95	119	30	41	43	92.7	35.8	92.6	35.8	.7	1.9	.3	.8	
Concordia city †	6 167	6 847	7 221	2 848	2 882	2 657	8.0	3.1	8.0	3.1	770.9	1 989.4	356.0	918.7	
Elk township	906	1 055	1 102	453	478	463	73.2	28.2	72.4	27.9	12.5	32.5	6.3	16.2	
Clyde city	793	909	946	403	423	414	1.8	.7	1.8	.7	440.6	1 132.9	223.9	575.7	
Grant township	430	551	604	223	265	253	93.3	36.0	91.6	35.4	4.7	12.1	2.4	6.3	
Jamestown city	325	440	470	169	198	196	.7	.3	.7	.3	464.3	1 083.3	241.4	563.3	
Lawrence township	169	230	202	76	94	89	94.4	36.5	93.3	36.0	1.8	4.7	.8	2.1	
Lincoln township	421	356	286	142	119	100	62.7	24.2	62.0	23.9	6.8	17.6	2.3	5.9	
Lyon township	126	148	180	59	88	80	141.8	54.7	141.7	54.7	.9	2.3	.4	1.1	
Meredith township	85	104	116	42	63	57	93.8	36.2	93.7	36.2	.9	2.3	.4	1.2	
Nelson township	161	172	193	73	74	72	91.2	35.2	91.2	35.2	1.8	4.6	.8	2.1	
Oakland township	57	70	85	27	36	39	93.5	36.1	93.4	36.1	.6	1.6	.3	.7	
Shirley township	189	226	274	89	101	100	110.7	42.8	110.1	42.5	1.7	4.4	.8	2.1	
Sibley township	205	239	212	91	87	79	92.9	35.9	91.6	35.4	2.2	5.8	1.0	2.6	
Solomon township	663	855	963	369	407	399	140.8	54.4	140.8	54.4	4.7	12.2	2.6	6.8	
Glasco city	556	710	767	314	341	322	.8	.3	.8	.3	695.0	1 853.3	392.5	1 046.7	
Simpson city (pt.)	—	1	2	—	1	1	—	—	—	—	—	—	—	—	
Starr township	620	757	948	355	402	408	92.3	35.6	92.1	35.5	6.7	17.5	3.9	10.0	
Miltonvale city †	484	588	718	287	318	324	1.9	.7	1.9	.7	254.7	691.4	151.1	410.0	
Summit township	76	74	113	32	40	47	139.1	53.7	139.1	53.7	.5	1.4	.2	.6	
Coffey County †	8 404	9 370	7 397	3 712	3 861	3 083	1 695.5	654.6	1 632.4	630.3	5.1	13.3	2.3	5.9	
Avon township	185	275	268	91	109	113	80.5	31.1	80.1	30.9	2.3	6.0	1.1	2.9	
Burlington city	2 735	2 901	2 099	1 221	1 195	881	4.8	1.9	4.8	1.8	569.8	1 519.4	254.4	678.3	
Burlington township	313	363	317	119	144	116	81.8	31.6	81.4	31.4	3.8	10.0	1.5	3.8	
Hampden township	82	105	138	34	32	62	76.6	29.6	56.3	21.7	1.5	3.8	.6	1.6	
Key West township	198	225	223	79	87	87	124.1	47.9	123.3	47.6	1.6	4.2	.6	1.7	
Le Roy township	648	792	649	316	356	329	54.6	21.1	54.4	21.0	11.9	30.9	5.8	15.0	
Le Roy city †	568	701	551	275	314	284	2.2	.8	2.2	.8	258.2	710.0	125.0	343.8	
Liberty township	638	723	704	289	310	265	187.5	72.4	186.4	72.0	3.4	8.9	1.6	4.0	
Gridley city	356	404	328	161	178	141	.8	.3	.8	.3	445.0	1 186.7	201.3	536.7	
Lincoln township	1 134	1 205	827	483	467	317	184.2	71.1	181.3	70.0	6.3	16.2	2.7	6.9	
Lebo city	835	966	589	373	378	242	2.0	.8	2.0	.8	417.5	1 043.8	186.5	466.3	
Neosho township	144	173	188	68	81	82	124.8	48.2	124.4	48.0	1.2	3.0	.5	1.4	
Ottumwa township	676	742	288	287	329	117	136.8	52.8	121.9	47.1	5.5	14.4	2.4	6.1	
New Strawn city	428	457	...	181	213	...	2.2	.8	2.1	.8	203.8	535.0	86.2	226.3	
Pleasant township	238	270	184	144	123	64	176.5	68.1	158.1	61.0	1.5	3.9	.9	2.4	
Pottawatomie township	212	239	288	84	92	106	141.0	54.4	140.3	54.2	1.5	3.9	.6	1.5	
Rock Creek township	900	1 000	845	389	404	371	140.9	54.4	140.1	54.1	6.4	16.6	2.8	7.2	
Waverly city †	618	671	510	273	276	246	1.7	.7	1.7	.7	363.5	882.9	160.6	390.0	
Spring Creek township	147	160	152	48	58	60	90.6	35.0	89.9	34.7	1.6	4.2	.5	1.4	
Star township	154	197	172	60	74	96	90.9	35.1	89.9	34.7	1.7	4.4	.7	1.7	
Comanche County †	2 313	2 554	2 702	1 256	1 171	1 209	2 045.5	789.7	2 041.9	788.4	1.1	2.9	.6	1.6	
Avilla township	106	111	124	59	54	50	309.2	119.4	308.7	119.2	.3	.9	.2	.5	
Coldwater township	1 223	1 359	1 275	697	654	603	7.8	3.0	7.7	3.0	136.1	347.8	72.9	186.3	
Coldwater city †	939	989	1 016	503	497	492	1 100.5	424.9	1 098.7	424.2	1.1	2.9	.6	1.6	
Powell township	120	156	153	82	75	77	186.2	71.9	186.1	71.9	.6	1.7	.4	1.1	
Wilmore city	78	97	96	49	55	55	.5	.2	.5	.2	156.0	390.0	98.0	245.0	
Protection township	864	928	896	418	388	375	449.5	173.6	448.3	173.1	1.9	5.0	.9	2.4	
Protection city †	625	684	673	307	291	295	2.5	1.0	2.5	1.0	250.0	625.0	122.8	307.0	

POPULATION AND HOUSING UNIT COUNTS

KANSAS 21

Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Table with columns: State, County, County Subdivision, Place, Population (1990, 1980, 1970), Housing units (1990, 1980, 1970), 1990 area measurements (Total area in Square kilometers and Square miles, Land area in Square kilometers and Square miles), 1990 density (Population per— in Square kilometer and Square mile, Housing units per— in Square kilometer and Square mile).











Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Table with 14 columns: State, County, County Subdivision, Place, Population (1990, 1980, 1970), Housing units (1990, 1980, 1970), 1990 area measurements (Total area: Square kilometers, Square miles; Land area: Square kilometers, Square miles), and 1990 density (Population per: Square kilometer, Square mile; Housing units per: Square kilometer, Square mile). Rows include Greenwood County, Hamilton County, Harper County, Harvey County, Haskell County, and Hodgeman County with their respective townships and cities.



















Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

State County County Subdivision Place	Population			Housing units			1990 area measurements				1990 density				
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—		
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile	
Ness County †—Con.															
Ohio township	403	474	554	227	255	252	297.8	115.0	297.8	115.0	1.4	3.5	.8	2.0	
Utica city	208	275	297	116	147	146	.6	.2	.6	.2	346.7	1 040.0	193.3	580.0	
Waring township	156	251	297	100	120	132	307.8	118.9	307.8	118.8	.5	1.3	.3	.8	
Brownell city	44	92	98	42	51	54	.5	.2	.5	.2	88.0	220.0	84.0	210.0	
Norton County †	5 947	6 689	7 279	2 798	2 983	2 815	2 282.9	881.4	2 273.7	877.9	2.6	6.8	1.2	3.2	
Almena-District 4 township	574	762	...	346	362	...	278.1	107.4	278.1	107.4	2.1	5.3	1.2	3.2	
Almena city †	423	517	489	261	253	240	1.6	.6	1.6	.6	264.4	705.0	163.1	435.0	
Center-District 1 township	1 323	1 196	...	367	386	...	654.7	252.8	654.2	252.6	2.0	5.2	.6	1.5	
Harrison-District 6 township	20	33	...	12	16	...	92.7	35.8	92.7	35.8	.2	.6	.1	.3	
Highland-District 2 township	822	1 016	...	460	515	...	756.3	292.0	747.7	288.7	1.1	2.8	.6	1.6	
Clayton city (pt.)	77	93	120	34	48	47	.9	.4	.9	.4	85.6	192.5	37.8	85.0	
Lenora city	329	444	439	208	225	205	1.3	.5	1.3	.5	253.1	658.0	160.0	416.0	
Norton city	3 017	3 400	3 627	1 485	1 538	1 422	4.9	1.9	4.9	1.9	615.7	1 587.9	303.1	781.6	
Solomon-District 3 township	191	282	...	128	166	...	496.2	191.6	496.0	191.5	.4	1.0	.3	.7	
Edmond city	37	56	90	24	39	45	.4	.2	.4	.2	92.5	185.0	60.0	120.0	
Osage County †	15 248	15 319	13 352	6 324	6 152	4 918	1 863.0	719.3	1 822.3	703.6	8.4	21.7	3.5	9.0	
Agency township	500	565	590	232	251	226	85.9	33.2	85.8	33.1	5.8	15.1	2.7	7.0	
Quenemo city	369	413	429	178	186	166	1.1	.4	1.1	.4	335.5	922.5	161.8	445.0	
Arvonia township	141	116	181	53	49	70	124.4	48.0	111.8	43.2	1.3	3.3	.5	1.2	
Barclay township	181	203	214	81	78	83	124.3	48.0	124.2	47.9	1.5	3.8	.7	1.7	
Burlingame township	1 760	1 935	1 613	728	763	600	187.3	72.3	186.5	72.0	9.4	24.4	3.9	10.1	
Burlingame city	1 074	1 239	999	459	511	390	1.9	.7	1.9	.7	565.3	1 534.3	241.6	655.7	
Dragoon township	234	277	273	91	107	91	93.9	36.3	93.9	36.2	2.5	6.5	1.0	2.5	
Elk township	1 630	1 637	1 157	615	599	394	140.5	54.3	140.1	54.1	11.6	30.1	4.4	11.4	
Overbrook city †	920	930	748	351	347	246	1.3	.5	1.3	.5	707.7	1 840.0	270.0	702.0	
Fairfax township	435	302	252	179	123	102	116.1	44.8	111.3	43.0	3.9	10.1	1.6	4.2	
Grant township	311	342	297	123	123	108	93.8	36.2	93.5	36.1	3.3	8.6	1.3	3.4	
Junction township	849	736	459	417	441	255	128.8	49.7	128.6	49.6	6.6	17.1	3.2	8.4	
Lincoln township	121	138	145	60	61	55	83.2	32.1	83.1	32.1	1.5	3.8	.7	1.9	
Melvorn township	735	842	797	316	327	285	115.4	44.6	115.3	44.5	6.4	16.5	2.7	7.1	
Melvorn city †	423	481	455	197	209	181	.9	.3	.9	.3	470.0	1 410.0	218.9	656.7	
Olivet township	253	238	240	113	105	89	159.9	61.7	142.8	55.1	1.8	4.6	.8	2.1	
Olivet city	59	65	64	41	42	30	.7	.3	.7	.3	84.3	196.7	58.6	136.7	
Osage City city †	2 689	2 667	2 600	1 210	1 148	986	8.1	3.1	7.9	3.0	340.4	896.3	153.2	403.3	
Ridgeway township	2 502	2 353	1 776	916	822	551	109.8	42.4	107.7	41.6	23.2	60.1	8.5	22.0	
Carbondale city	1 526	1 518	1 041	562	537	306	2.0	.8	2.0	.8	763.0	1 907.5	281.0	702.5	
Scranton township	1 158	1 076	952	453	414	360	92.9	35.9	92.1	35.6	12.6	32.5	4.9	12.7	
Scranton city †	674	664	575	272	256	235	2.7	1.0	2.7	1.0	249.6	674.0	100.7	272.0	
Superior township	305	356	334	121	132	118	94.1	36.3	93.8	36.2	3.3	8.4	1.3	3.3	
Valley Brook township	1 444	1 536	1 472	616	609	545	104.5	40.4	104.1	40.2	13.9	35.9	5.9	15.3	
Lyndon city	964	1 132	958	425	448	388	1.9	.7	1.9	.7	507.4	1 377.1	223.7	607.1	
Osborne County †	4 867	5 959	6 416	2 496	2 774	2 729	2 316.3	894.3	2 311.9	892.6	2.1	5.5	1.1	2.8	
Bethany township	221	295	288	124	143	132	93.3	36.0	93.3	36.0	2.4	6.1	1.3	3.4	
Portis city	129	172	178	86	97	92	.7	.3	.7	.3	184.3	430.0	122.9	286.7	
Bloom township	91	148	195	42	53	55	140.0	54.0	140.0	54.0	.7	1.7	.3	.8	
Corinth township	55	66	91	31	35	33	91.8	35.4	91.6	35.3	.6	1.6	.3	.9	
Covert township	25	29	35	15	16	31	93.0	35.9	92.9	35.9	.3	.7	.2	.4	
Delhi township	43	59	84	25	29	30	139.2	53.7	138.8	53.6	.3	.8	.2	.5	
Grant township	33	54	76	19	24	26	91.9	35.5	91.6	35.4	.4	.9	.2	.5	
Hancock township	26	36	65	17	27	24	93.5	36.1	93.2	36.0	.3	.7	.2	.5	
Hawkeye township	34	35	52	16	20	25	92.5	35.7	92.3	35.6	.4	1.0	.2	.4	
Independence township	41	63	81	21	26	38	92.1	35.6	91.9	35.5	.4	1.2	.2	.6	
Jackson township	52	58	82	27	29	30	93.2	36.0	93.1	35.9	.6	1.4	.3	.8	
Kill Creek township	54	48	71	24	30	33	93.5	36.1	93.3	36.0	.6	1.5	.3	.7	
Lawrence township	34	56	79	26	32	33	90.0	34.8	89.8	34.7	.4	1.0	.3	.7	
Liberty township	27	27	25	13	15	17	92.9	35.9	92.7	35.8	.3	.8	.1	.4	
Mount Ayr township	66	74	82	29	30	43	92.4	35.7	92.4	35.7	.7	1.8	.3	.8	
Natoma township	449	570	658	281	313	295	93.3	36.0	93.0	35.9	4.8	12.5	3.0	7.8	
Natoma city	392	515	603	260	296	276	1.1	.4	1.1	.4	356.4	980.0	236.4	650.0	
Osborne city †	1 778	2 120	1 980	860	930	850	3.7	1.4	3.7	1.4	480.5	1 270.0	232.4	614.3	
Penn township	139	176	205	60	66	65	119.4	46.1	119.4	46.1	1.2	3.0	.5	1.3	
Ross township	1 230	1 422	1 620	620	645	597	92.4	35.7	91.7	35.4	13.4	34.7	6.8	17.5	
Downs city	1 119	1 324	1 268	575	597	548	2.3	.9	2.3	.9	486.5	1 243.3	250.0	638.9	
Round Mound township	57	78	106	25	37	41	92.6	35.7	92.4	35.6	.6	1.6	.3	.7	
Sumner township	231	275	380	132	149	179	138.8	53.6	138.7	53.6	1.7	4.3	1.0	2.5	
Alton city	115	135	214	76	90	104	.8	.3	.8	.3	143.8	383.3	95.0	253.3	
Tilden township	96	134	197	42	58	68	107.0	41.3	106.7	41.2	.9	2.3	.4	1.0	
Valley township	30	29	56	18	26	32	93.6	36.1	93.5	36.1	.3	.8	.2	.5	
Victor township	35	42	51	17	22	30	93.2	36.0	93.1	35.9	.4	1.0	.2	.5	
Winfield township	20	31	55	12	19	22	93.1	36.0	93.0	35.9	.2	.6	.1	.3	



Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

State County County Subdivision Place	Population			Housing units			1990 area measurements				1990 density				
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—		
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile	
Phillips County †—Con.															
Plainview township	25	45	14	17	15	93.3	36.0	93.3	36.0	.3	.7	.2	.4		
Plum township	428	462	438	233	240	92.9	35.9	92.6	35.8	4.6	12.0	2.5	6.5		
Agra city	322	321	294	179	173	144	.7	.3	.7	460.0	1 073.3	255.7	596.7		
Prairie View township	226	264	322	124	136	128	92.1	35.6	92.0	2.5	8.4	1.3	3.5		
Prairie View city	111	145	201	78	88	89	.4	.2	.4	277.5	555.0	195.0	390.0		
Rushville township	16	36	62	11	20	21	93.2	36.0	93.2	36.0	.2	.4	.3		
Solomon township	240	258	307	114	124	101	92.6	35.7	92.5	2.6	6.7	1.2	3.2		
Glade city	101	180	48	69	52	6	.6	.2	.6	168.3	505.0	80.0	240.0		
Summer township	55	55	76	20	28	25	92.0	35.5	91.9	.6	1.5	.2	.6		
Towanda township	30	23	35	17	19	15	93.3	36.0	93.1	.3	3.0	.2	.5		
Valley township	38	55	39	36	25	17	93.2	36.0	85.1	.4	1.2	.4	1.1		
Walnut township	15	33	36	13	23	16	92.7	35.8	92.7	.2	.4	.1	.4		
Pottawatomie County †	16 128	14 782	11 755	6 472	6 033	4 313	2 232.9	862.1	2 186.7	844.3	7.4	19.1	3.0	7.7	
Belvue township	330	353	339	133	150	139	97.5	37.6	96.5	37.2	3.4	8.9	1.4	3.6	
Belvue city	207	212	161	81	96	67	.3	.1	.3	690.0	2 070.0	270.0	810.0		
Blue township	1 620	1 402	263	626	564	102	127.8	49.3	114.2	44.1	14.2	36.7	5.5	14.2	
Blue Valley township	336	293	293	135	139	130	127.9	49.4	115.2	44.5	2.9	7.6	1.2	3.0	
Olsburg city †	192	166	151	76	81	71	.4	.2	.4	480.0	960.0	190.0	380.0		
Center township	102	126	120	45	49	47	77.7	30.0	77.7	30.0	1.3	3.4	.6	1.5	
Clear Creek township	134	152	157	68	68	60	93.5	36.1	93.5	36.1	1.4	3.7	.7	1.9	
Emmett township	343	377	273	152	181	92	77.7	30.0	77.2	29.8	4.4	11.5	2.0	5.1	
Emmett city	165	223	156	83	128	57	.5	.2	.5	330.0	825.0	166.0	415.0		
Grant township	285	365	309	139	163	148	77.1	29.8	77.1	29.8	3.7	9.6	1.8	4.7	
Havensville city	135	183	163	79	101	90	.3	.1	.3	450.0	1 350.0	263.3	790.0		
Green township	160	153	120	89	78	58	138.9	53.6	125.1	48.3	1.3	3.3	.7	1.8	
Lincoln township	124	122	134	48	49	44	77.5	29.9	77.4	29.9	1.6	4.1	.6	1.6	
Lone Tree township	262	231	262	103	118	115	93.3	36.0	93.3	36.0	2.8	7.3	1.1	2.9	
Wheaton city	106	90	106	44	53	50	.4	.1	.4	265.0	1 060.0	110.0	440.0		
Louisville township	666	591	488	239	228	160	95.1	36.7	95.1	36.7	7.0	18.1	2.5	6.5	
Louisville city	215	207	204	82	87	65	1.3	.5	1.3	5	165.4	430.0	63.1	164.0	
Manhattan city (pt.) †	143	162	678	80	85	243	2.2	.9	2.2	9	65.0	158.9	36.4	88.9	
Mill Creek township	1 043	1 000	1 022	466	454	424	108.5	41.9	108.5	41.9	9.6	24.9	4.3	11.1	
Onaga city †	761	752	761	356	361	330	1.7	.6	1.7	6	447.6	1 268.3	209.4	593.3	
Pottawatomie township	356	399	411	161	142	129	155.2	59.9	155.2	59.9	2.3	5.9	1.0	2.7	
Westmoreland city (pt.) †	36	52	30	18	23	16	.3	.1	.3	120.0	360.0	60.0	180.0		
Rock Creek township	657	701	616	275	274	217	93.5	36.1	93.3	36.0	7.0	18.3	2.9	7.6	
Westmoreland city (pt.) †	505	455	455	215	214	172	.9	.3	.9	561.1	1 683.3	238.9	716.7		
St. Clare township	69	82	68	30	36	33	77.6	30.0	77.4	29.9	.9	2.3	.4	1.0	
St. George township	2 044	1 697	1 001	846	674	322	88.1	34.0	86.6	33.4	23.6	61.2	9.8	25.3	
St. George city †	397	309	241	170	129	87	1.1	.4	1.1	4	360.9	992.5	154.5	425.0	
St. Marys township	2 309	1 989	1 730	828	732	566	99.7	38.5	99.1	38.3	23.3	60.3	8.4	21.6	
St. Marys city (pt.) †	1 791	1 598	1 434	675	608	478	2.0	.8	2.0	8	895.5	2 238.8	337.5	843.8	
Shannon township	200	196	176	85	78	76	103.8	40.1	103.7	40.0	1.9	5.0	.8	2.1	
Sherman township	128	156	132	48	55	44	93.6	36.1	93.6	36.1	1.4	3.5	.5	1.3	
Spring Creek township	66	72	57	31	27	29	102.7	39.7	102.6	39.6	.6	1.7	.3	.8	
Union township	179	161	154	65	62	56	93.6	36.1	93.5	36.1	1.9	5.0	.7	1.8	
Vienna township	121	120	122	49	50	48	78.3	30.2	78.3	30.2	1.5	4.0	.6	1.6	
Wamego township	4 451	3 882	2 830	1 731	1 577	1 031	52.1	20.1	50.4	19.5	88.3	228.3	34.3	88.8	
Wamego city †	3 706	3 159	2 507	1 468	1 329	930	3.4	1.3	3.3	1.3	1 123.0	2 850.8	444.8	1 129.2	
Pratt County †	9 702	10 275	10 056	4 620	4 450	4 099	1 905.7	735.8	1 903.7	735.0	5.1	13.2	2.4	6.3	
Pratt city †	6 687	6 885	6 736	3 209	3 018	2 805	8.3	3.2	8.2	3.2	815.5	2 089.7	391.3	1 002.8	
Township No. 6	572	720	687	300	327	311	382.0	147.5	381.3	147.2	1.5	3.9	.8	2.0	
Preston city	177	227	239	104	107	114	1.2	.5	1.2	.5	147.5	354.0	86.7	208.0	
Township No. 7	387	461	475	163	187	152	146.3	56.5	145.9	56.3	2.7	6.9	1.1	2.9	
Iuka city	197	235	210	86	96	(NA)	1.6	.6	1.6	.6	123.1	328.3	53.8	143.3	
Township No. 8	208	246	246	103	108	106	197.4	76.2	197.4	76.2	1.1	2.7	.5	1.4	
Byers city	46	47	46	20	24	25	.5	.2	.5	.2	92.0	230.0	40.0	100.0	
Township No. 9	376	425	435	188	179	160	379.6	146.5	379.4	146.5	1.0	2.6	.5	1.3	
Cullison city	120	154	117	72	74	50	.5	.2	.5	.2	240.0	600.0	144.0	360.0	
Township No. 10	190	222	234	105	125	116	187.8	72.5	187.8	72.5	1.0	2.6	.6	1.4	
Coats city	127	153	152	72	84	74	.5	.2	.5	.2	254.0	635.0	144.0	360.0	
Township No. 11	569	570	527	243	242	211	281.6	108.7	281.4	108.6	2.0	5.2	.9	2.2	
Sawyer city †	183	213	164	88	96	82	.3	.1	.3	.1	610.0	1 830.0	293.3	880.0	
Township No. 12	713	746	716	309	264	238	322.9	124.7	322.3	124.4	2.2	5.7	1.0	2.5	
Rawlins County	3 404	4 105	4 393	1 744	1 826	1 724	2 770.8	1 069.8	2 770.5	1 069.7	1.2	3.2	.6	1.6	
Achilles township	88	94	105	39	36	41	132.5	51.1	132.4	51.1	.7	1.7	.3	.8	
Atwood township	1 443	1 695	1 765	759	777	727	20.0	7.7	19.9	7.7	72.5	187.4	38.1	98.6	
Atwood city	1 388	1 665	1 658	734	764	688	2.8	1.1	2.7	1.0	514.1	1 388.0	271.9	734.0	
Center township	390	461	...	181	189	...	687.6	265.5	687.6	265.5	.6	1.5	.3	.7	
Driftwood township	133	143	159	61	58	59	185.4	71.6	185.4	71.6	.7	1.9	.3	.9	
Hert township	506	637	...	265	291	...	491.0	189.6	491.0	189.6	1.0	2.7	.5	1.4	
Herdon city	170	220	268	109	120	118	.7	.3	.7	.3	242.9	566.7	155.7	363.3	
Jefferson township	24	64	79	20	22	29	123.6	47.7	123.5	47.7	.2	.5	.2	.4	



















Table 8. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

State County County Subdivision Place	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Wilson County †—Con. Webster township -----	55	75	58	29	38	29	77.3	29.8	77.2	29.8	.7	1.8	.4	1.0
Woodson County †----- Center township †----- Liberty township †----- Neosho Falls township †----- Neosho Falls city----- North township----- Perry township †----- Toronto township †----- Toronto city----- Yates Center city †-----	4 116 647 210 549 157 93 143 659 317 1 815	4 600 309 205 365 157 123 147 742 466 1 998	4 789 391 223 490 184 117 150 733 431 1 967	2 199 282 88 256 90 36 65 516 247 956	2 294 129 104 191 99 51 54 537 260 904	2 032 139 89 194 89 45 50 421 229 841	1 309.3 413.0 223.4 197.0 1.4 166.8 126.7 176.4 1.0 5.9	505.5 159.5 86.3 76.0 .5 64.4 48.9 68.1 .4 2.3	1 296.7 411.6 222.8 196.2 1.4 166.6 126.6 166.9 1.0 5.9	500.7 158.9 86.0 75.8 .5 64.3 48.9 64.4 .4 2.3	3.2 1.6 .9 2.8 112.1 .6 1.1 3.9 317.0 307.6	8.2 4.1 2.4 7.2 314.0 1.4 2.9 10.2 792.5 789.1	1.7 .7 .4 1.3 64.3 .2 .5 3.1 247.0 162.0	4.4 1.8 1.0 3.4 180.0 .6 1.3 8.0 617.5 415.7
Wyandotte County †----- Bonner Springs city (pt.) †----- Delaware township----- Edwardsville city----- Kansas City city †----- Lake Quivira city (pt.)----- Prairie township-----	161 993 6 410 166 3 979 149 767 40 1 631	172 335 6 266 153 3 364 r161 148 58 1 346	186 845 3 884 3 550 619 168 213 ... 1 934	69 102 2 508 64 1 520 64 457 16 537	68 506 2 289 53 1 211 r64 493 18 442	63 484 1 209 1 080 207 57 857 ... 598	403.3 40.2 11.1 23.9 288.1 .9 39.0	155.7 15.5 4.3 9.2 111.3 .4 15.1	392.1 39.6 10.5 23.2 279.2 .8 38.8	151.4 15.3 4.1 9.0 107.8 .3 15.0	413.1 161.9 15.8 171.5 536.4 50.0 42.0	1 070.0 419.0 40.5 442.1 1 389.3 133.3 108.7	176.2 63.3 6.1 65.5 230.9 20.0 13.8	456.4 163.9 15.6 168.9 597.9 53.3 35.8

Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Abbyville city, Reno County	140	123	143	55	50	44	.5	.2	.5	.2	280.0	700.0	110.0	275.0
Abilene city, Dickinson County	6 242	6 572	6 661	2 856	2 951	2 680	9.2	3.6	9.2	3.6	678.5	1 733.9	310.4	793.3
Admire city, Lyon County	147	158	144	62	76	61	.9	.3	.9	.3	163.3	490.0	68.9	206.7
Agenda city, Republic County	81	106	107	53	62	56	.4	.2	.4	.2	202.5	405.0	132.5	265.0
Agra city, Phillips County	322	321	294	179	173	144	.7	.3	.7	.3	460.0	1 073.3	255.7	596.7
Albert city, Barton County	229	236	235	91	91	75	.6	.2	.6	.2	381.7	1 145.0	151.7	455.0
Alden city, Rice County	182	214	238	102	103	94	.5	.2	.5	.2	364.0	910.0	204.0	510.0
Alexander city, Rush County	85	116	129	47	57	59	.6	.2	.6	.2	141.7	425.0	78.3	235.0
Allen city, Lyon County	191	205	175	89	91	85	.7	.3	.7	.3	272.9	636.7	127.1	296.7
Alma city, Wabausee County	871	925	905	359	370	337	1.3	.5	1.3	.5	670.0	1 742.0	276.2	718.0
Almena city, Norton County	423	517	489	261	253	240	1.6	.6	1.6	.6	264.4	705.0	163.1	435.0
Altamont city, Labette County	1 048	1 054	845	437	429	332	2.6	1.0	2.6	1.0	403.1	1 048.0	168.1	437.0
Alta Vista city, Wabausee County	477	430	402	215	205	180	.7	.3	.7	.3	681.4	1 590.0	307.1	716.7
Alton city, Osborne County	115	135	214	76	90	104	.8	.3	.8	.3	143.8	383.3	95.0	253.3
Altoona city, Wilson County	456	564	475	211	238	216	1.4	.5	1.4	.5	325.7	912.0	150.7	422.0
Americus city, Lyon County	891	915	441	359	373	181	2.9	1.1	2.9	1.1	307.2	810.0	123.8	326.4
Andale city, Sedgwick County	566	538	500	190	180	142	.7	.3	.7	.3	808.6	1 886.7	271.4	633.3
Andover city, Butler County	4 047	2 801	1 880	1 499	1 052	604	9.4	3.6	9.4	3.6	430.5	1 124.2	159.5	416.4
Anthony city, Harper County	2 516	2 661	2 653	1 257	1 288	1 232	3.9	1.5	3.9	1.5	645.1	1 677.3	322.3	838.0
Arcadia city, Crawford County	338	460	388	185	212	216	1.1	.4	1.1	.4	307.3	845.0	168.2	462.5
Argonia city, Sumner County	529	587	591	264	267	250	1.1	.4	1.1	.4	480.9	1 322.5	240.0	660.0
Arkansas City city, Cowley County	12 762	13 201	13 216	5 774	5 843	5 328	19.2	7.4	19.2	7.4	664.7	1 724.6	300.7	780.3
Arlington city, Reno County	457	631	503	236	272	213	3.1	1.2	3.1	1.2	147.4	380.8	76.1	196.7
Arma city, Crawford County	1 542	1 676	1 348	706	726	581	2.7	1.0	2.7	1.0	571.1	1 542.0	261.5	706.0
Ashland city, Clark County	1 032	1 096	1 244	568	548	548	4.4	1.7	4.4	1.7	234.5	607.1	129.1	334.1
Assaria city, Saline County	387	414	303	149	145	114	.5	.2	.5	.2	774.0	1 935.0	298.0	745.0
Atchison city, Atchison County	10 656	11 407	12 565	4 267	4 273	4 086	17.7	6.8	16.8	6.5	634.3	1 639.4	254.0	656.5
Athol city, Smith County	86	90	108	39	47	57	.5	.2	.5	.2	172.0	430.0	78.0	195.0
Atlanta city, Cowley County	232	256	216	117	126	111	1.3	.5	1.3	.5	178.5	464.0	90.0	234.0
Attica city, Harper County	716	730	639	330	321	326	1.5	.6	1.5	.6	477.3	1 193.3	220.0	550.0
Atwood city, Rawlins County	1 388	1 665	1 658	734	764	688	2.8	1.1	2.7	1.0	514.1	1 388.0	271.9	734.0
Auburn city, Shawnee County	908	890	261	316	288	85	1.4	.5	1.4	.5	648.6	1 816.0	225.7	632.0
Augusta city, Butler County	7 876	6 968	5 977	3 251	2 734	2 252	8.1	3.1	7.4	2.8	1 064.3	2 812.9	439.3	1 161.1
Aurora city, Cloud County	101	130	120	49	54	62	.3	.1	.3	.1	336.7	1 010.0	163.3	490.0
Axtell city, Marshall County	432	470	456	190	220	194	1.3	.5	1.3	.5	332.3	864.0	146.2	380.0
Baldwin city, Douglas County	2 961	2 829	2 520	961	941	692	3.9	1.5	3.9	1.5	759.2	1 974.0	246.4	640.7
Barnard city, Lincoln County	129	163	190	76	98	97	.6	.2	.6	.2	215.0	645.0	126.7	380.0
Barnes city, Washington County	167	257	209	93	115	114	.4	.2	.4	.2	417.5	835.0	232.5	465.0
Bartlett city, Labette County	107	163	138	56	60	55	.3	.1	.3	.1	356.7	1 070.0	186.7	560.0
Basehor city, Leavenworth County	1 591	1 483	724	586	486	226	7.4	2.8	7.4	2.8	215.0	568.2	79.2	209.3
Bassett city, Allen County	20	31	62	11	12	16	.2	.1	.2	.1	100.0	200.0	55.0	110.0
Baxter Springs city, Cherokee County	4 351	4 730	4 489	1 999	2 076	1 830	7.1	2.7	7.1	2.7	612.8	1 611.5	281.5	740.4
Bazine city, Ness County	373	385	386	206	210	192	1.2	.5	1.2	.5	310.8	746.0	171.7	412.0
Beattie city, Marshall County	221	316	288	111	144	133	.6	.2	.6	.2	368.3	1 105.0	185.0	555.0
Bel Aire city, Sedgwick County	3 695	...	...	1 280	...	...	5.6	2.2	5.6	2.2	659.8	1 679.5	228.6	581.8
Belle Plaine city, Sumner County	1 649	1 706	1 553	636	672	575	2.0	.8	2.0	.8	824.5	2 061.3	318.0	795.0
Belleville city, Republic County	2 517	2 805	3 063	1 260	1 352	1 263	5.0	1.9	5.1	1.9	513.7	1 324.7	257.1	663.2
Beloit city, Mitchell County	4 066	4 367	4 121	1 820	1 856	1 558	9.1	3.5	9.0	3.5	451.8	1 167.7	202.2	520.0
Belpre city, Edwards County	116	154	191	77	85	79	1.1	.4	1.1	.4	105.5	290.0	70.0	192.5
Belvue city, Pottawatomie County	207	212	161	81	96	67	.3	.1	.3	.1	690.0	2 070.0	270.0	810.0
Benedict city, Wilson County	16	111	91	11	58	52	.1	—	.1	—	160.0	—	110.0	—
Bennington city, Ottawa County	568	579	561	258	254	232	.9	.4	.9	.4	631.1	1 420.0	286.7	645.0
Bentley city, Sedgwick County	360	311	260	151	122	89	.5	.2	.5	.2	720.0	1 800.0	302.0	755.0
Benton city, Butler County	669	609	517	244	219	178	1.2	.4	1.2	.4	557.5	1 672.5	203.3	610.0
Bern city, Nemaha County	190	220	191	101	104	91	.5	.2	.5	.2	380.0	950.0	202.0	505.0
Beverly city, Lincoln County	131	171	193	75	103	102	.5	.2	.5	.2	262.0	655.0	150.0	375.0
Bird City city, Cheyenne County	467	546	671	293	308	295	5.8	2.2	5.8	2.2	80.5	212.3	50.5	133.2
Bison city, Rush County	252	279	285	122	129	125	.7	.3	.7	.3	360.0	840.0	174.3	406.7
Blue Mound city, Linn County	251	319	308	153	179	158	1.6	.6	1.6	.6	156.9	418.3	95.6	255.0
Blue Rapids city, Marshall County	1 131	1 280	1 148	520	569	508	5.4	2.1	5.3	2.1	213.4	538.6	98.1	247.6
Bluff City city, Harper County	69	95	109	48	51	58	1.4	.5	1.4	.5	49.3	138.0	34.3	96.0
Bogue city, Graham County	150	197	257	68	92	92	.7	.3	.7	.3	214.3	500.0	97.1	226.7
Bonner Springs city	6 413	6 266	3 884	2 509	2 289	1 209	41.6	16.1	40.8	15.8	157.2	405.9	61.5	158.8
Johnson County	3	...	...	1	...	...	1.4	.5	1.2	.5	2.5	6.0	.8	2.0
Wyandotte County	6 410	6 266	3 884	2 508	2 289	1 209	40.2	15.5	39.6	15.3	161.9	419.0	63.3	163.9
Brewster city, Thomas County	296	327	320	145	151	145	.7	.3	.7	.3	422.9	986.7	207.1	483.3
Bronson city, Bourbon County	343	414	397	163	185	166	1.1	.4	1.1	.4	311.8	857.5	148.2	407.5
Brookville city, Saline County	226	259	238	101	105	92	1.5	.6	1.5	.6	150.7	376.7	67.3	168.3
Brownell city, Ness County	44	92	98	42	51	54	.5	.2	.5	.2	88.0	220.0	84.0	210.0
Bucklin city, Ford County	710	786	771	355	376	319	1.4	.6	1.4	.6	507.1	1 183.3	253.6	591.7
Buffalo city, Wilson County	293	386	321	154	171	159	.9	.3	.9	.3	325.6	976.7	171.1	513.3
Buhler city, Reno County	1 277	1 188	1 019	488	455	378	1.5	.6	1.5	.6	851.3	2 128.3	325.3	813.3
Bunker Hill city, Russell County	111	124	181	71	79	82	3.2	1.2	3.2	1.2	34.7	92.5	22.2	59.2

Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density				
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—		
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile	
Burdett city, Cowley County .....	518	518	503	221	235	220	1.3	.5	1.3	.5	398.5	1 036.0	170.0	442.0	
Burdett city, Pawnee County .....	248	275	285	138	138	127	.7	.3	.7	.3	354.3	826.7	197.1	460.0	
Burlingame city, Osage County .....	1 074	1 239	999	511	459	511	390	1.9	.7	1.9	.7	565.3	1 534.3	241.6	655.7
Burlington city, Coffey County .....	2 735	2 901	2 099	1 221	1 195	881	4.8	1.9	4.8	1.8	569.8	1 519.4	254.4	678.3	
Burns city, Marion County .....	226	224	268	114	112	114	.9	.4	.9	.4	251.1	565.0	129.9	290.0	
Burr Oak city, Jewell County .....	278	366	426	174	187	199	2.2	.8	2.2	.8	126.4	347.5	79.1	217.5	
Burrton city, Harvey County .....	866	976	808	377	416	301	1.6	.6	1.6	.6	541.3	1 443.3	235.6	628.3	
Bushong city, Lyon County .....	57	62	39	19	23	20	.4	.2	.4	.2	142.5	285.0	47.5	95.0	
Bushton city, Rice County .....	341	388	397	185	173	167	.5	.2	.5	.2	682.0	1 705.0	370.0	925.0	
Byers city, Pratt County .....	46	47	46	20	24	25	.5	.2	.5	.2	92.0	230.0	40.0	100.0	
Caldwell city, Sumner County .....	1 351	1 401	1 540	716	761	725	2.9	1.1	2.9	1.1	465.9	1 228.2	246.9	650.9	
Cambridge city, Cowley County .....	74	113	110	48	76	69	.4	.2	.4	.2	185.0	370.0	120.0	240.0	
Camp Forsyth CDP, Geary County .....	1 967	2 054	2 334	458	407	335	6.3	2.4	6.0	2.3	327.8	855.2	76.3	199.1	
Caney city, Montgomery County .....	2 062	2 284	2 192	1 031	1 073	951	2.9	1.1	2.9	1.1	711.0	1 874.5	355.5	937.3	
Canton city, McPherson County .....	794	926	893	342	380	335	1.3	.5	1.3	.5	610.8	1 588.0	263.1	684.0	
Carbondale city, Osage County .....	1 526	1 518	1 041	562	537	306	2.0	.8	2.0	.8	763.0	1 907.5	281.0	702.5	
Carlton city, Dickinson County .....	39	49	40	24	25	37	.4	.2	.4	.2	97.5	195.0	60.0	120.0	
Cassoday city, Butler County .....	95	122	123	53	56	51	.9	.3	1.0	.3	105.6	316.7	58.9	176.7	
Cawker City city, Mitchell County .....	588	640	726	330	320	289	2.6	1.0	2.6	1.0	226.2	588.0	126.9	330.0	
Cedar city, Smith County .....	25	53	46	17	32	31	.5	.2	.5	.2	50.0	125.0	34.0	85.0	
Cedar Point city, Chase County .....	39	66	73	28	37	35	.2	.1	.2	.1	195.0	390.0	140.0	280.0	
Cedar Vale city, Chautauqua County .....	760	848	665	388	396	365	1.8	.7	1.8	.7	422.2	1 085.7	215.6	554.3	
Centralia city, Nemaha County .....	452	486	511	216	253	238	1.2	.4	1.2	.4	376.7	1 130.0	180.0	540.0	
Chanute city, Neosho County .....	9 488	10 506	10 341	4 426	4 542	4 069	15.4	6.0	15.2	5.9	624.2	1 608.1	291.2	750.2	
Chapman city, Dickinson County .....	1 264	1 255	1 132	524	539	438	1.3	.5	1.3	.5	972.3	2 528.0	403.1	1 048.0	
Chase city, Rice County .....	577	753	800	285	295	307	.8	.3	.8	.3	721.3	1 923.3	356.3	950.0	
Chautauqua city, Chautauqua County .....	132	156	137	70	92	84	1.1	.4	1.1	.4	120.0	330.0	63.6	175.0	
Cheney city, Sedgwick County .....	1 560	1 404	1 160	610	539	426	3.3	1.3	3.3	1.3	472.7	1 200.0	184.8	469.2	
Cherokee city, Crawford County .....	651	775	790	319	356	309	1.8	.7	1.8	.7	361.7	930.0	177.2	455.7	
Cherryvale city, Montgomery County .....	2 464	2 769	2 609	1 188	1 230	1 133	4.0	1.6	4.0	1.5	616.0	1 642.7	297.0	792.0	
Chetopa city, Labette County .....	1 357	1 751	1 596	698	782	664	3.2	1.2	3.1	1.2	437.7	1 130.8	225.2	581.7	
Cimarron city, Gray County .....	1 626	1 491	1 373	680	633	529	2.2	.8	2.2	.8	739.1	2 032.5	309.1	850.0	
Circleville city, Jackson County .....	153	164	178	76	77	68	.5	.2	.5	.2	306.0	765.0	152.0	380.0	
Clafflin city, Barton County .....	678	764	887	312	331	325	.9	.3	.9	.3	753.3	2 260.0	346.7	1 040.0	
Clay Center city, Clay County .....	4 613	4 948	4 963	2 213	2 270	2 037	6.0	2.3	6.0	2.3	768.8	2 005.7	368.8	962.2	
Clayton city .....	91	102	127	37	51	51	1.1	.4	1.1	.4	82.7	227.5	33.6	92.5	
Decatur County .....	14	9	7	3	3	4	.2	.1	.2	.1	70.0	140.0	15.0	30.0	
Norton County .....	77	93	120	34	48	47	.9	.4	.9	.4	85.6	192.5	37.8	85.0	
Clearwater city, Sedgwick County .....	1 875	1 684	1 435	697	588	502	2.4	.9	2.4	.9	781.3	2 083.3	290.4	774.4	
Clifton city .....	561	695	718	290	316	290	1.1	.4	1.1	.4	510.0	1 402.5	263.6	725.0	
Clay County .....	227	324	359	115	131	139	.4	.2	.4	.2	567.5	1 135.0	287.5	575.0	
Washington County .....	334	371	359	175	185	151	.7	.3	.7	.3	477.1	1 113.3	250.0	583.3	
Climax city, Greenwood County .....	57	81	64	34	38	40	.3	.1	.3	.1	190.0	570.0	113.3	340.0	
Clyde city, Cloud County .....	793	909	946	403	423	414	1.8	.7	1.8	.7	440.6	1 132.9	223.9	575.7	
Coats city, Pratt County .....	127	153	152	72	84	74	.5	.2	.5	.2	254.0	635.0	144.0	360.0	
Coffeyville city, Montgomery County .....	12 917	15 185	15 116	6 203	6 530	6 227	18.2	7.0	18.2	7.0	709.7	1 845.3	340.8	886.1	
Colby city, Thomas County .....	5 396	5 544	4 658	2 272	2 234	1 645	8.0	3.1	8.0	3.1	674.5	1 740.6	284.0	732.9	
Coldwater city, Comanche County .....	939	989	1 016	503	497	492	7.8	3.0	6.9	2.7	136.1	347.8	72.9	186.3	
Collyer city, Trego County .....	144	151	182	84	87	86	.6	.3	.6	.3	240.0	480.0	140.0	280.0	
Colony city, Anderson County .....	447	474	382	197	214	177	1.3	.5	1.3	.5	343.8	894.0	151.5	394.0	
Columbus city, Cherokee County .....	3 268	3 426	3 566	1 537	1 569	1 454	5.0	1.9	5.0	1.9	653.6	1 720.0	307.4	808.9	
Colwich city, Sedgwick County .....	1 091	935	879	325	282	205	1.2	.5	1.2	.5	909.2	2 182.0	270.8	650.0	
Concordia city, Cloud County .....	6 167	6 847	7 221	2 848	2 882	2 657	8.0	3.1	7.0	3.1	770.9	1 989.4	356.0	918.7	
Conway Springs city, Sumner County .....	1 384	1 313	1 153	495	469	405	1.6	.6	1.6	.6	865.0	2 306.7	309.4	825.0	
Coollidge city, Hamilton County .....	90	82	102	38	40	44	1.2	.5	1.2	.5	75.0	180.0	31.7	76.0	
Copeland city, Gray County .....	290	323	267	124	130	112	.7	.3	.7	.3	414.3	966.7	177.1	413.3	
Corning city, Nemaha County .....	142	158	162	70	80	94	.7	.3	.7	.3	202.9	473.3	100.0	233.3	
Cottonwood Falls city, Chase County .....	889	954	987	432	438	417	1.5	.6	1.5	.6	592.7	1 481.7	288.0	720.0	
Council Grove city, Morris County .....	2 228	2 381	2 403	1 085	1 085	989	4.4	1.7	4.4	1.7	506.4	1 310.6	246.6	638.2	
Countryside city, Johnson County .....	312	346	411	133	135	139	.3	.1	.3	.1	1 040.0	3 120.0	443.3	1 330.0	
Courtland city, Republic County .....	343	377	403	185	203	196	.7	.3	.7	.3	490.0	1 143.3	264.3	616.7	
Coyville city, Wilson County .....	78	98	93	46	60	55	.7	.3	.7	.3	111.4	260.0	65.7	153.3	
Cuba city, Republic County .....	242	286	290	149	163	157	.8	.3	.8	.3	302.5	806.7	186.3	496.7	
Cullison city, Pratt County .....	120	154	117	72	74	50	.5	.2	.5	.2	240.0	600.0	144.0	360.0	
Culver city, Ottawa County .....	162	167	148	62	69	67	.4	.2	.4	.2	405.0	810.0	155.0	310.0	
Cunningham city, Kingman County .....	535	540	483	223	216	202	.9	.4	.9	.4	594.4	1 337.5	247.8	557.5	
Damar city, Rooks County .....	112	204	245	74	98	82	.5	.2	.5	.2	224.0	560.0	148.0	370.0	
Danville city, Harper County .....	56	71	80	36	32	30	.2	.1	.2	.1	280.0	560.0	180.0	360.0	
Dearing city, Montgomery County .....	428	475	338	203	190	134	.8	.3	.8	.3	535.0	1 426.7	253.8	676.7	
Deerfield city, Kearny County .....	677	538	474	231	214	145	1.2	.4	1.2	.4	564.2	1 692.5	192.5	577.5	
Delia city, Jackson County .....	172	181	168	59	62	61	.3	.1	.3	.1	573.3	1 720.0	196.7	590.0	
Delphos city, Ottawa County .....	494	570	599	258	270	273	1.6	.6	1.6	.6	308.8	823.3	161.3	430.0	





Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Galva city, McPherson County .....	651	651	522	272	279	185	.9	.4	.9	.4	723.3	1 627.5	302.2	680.0
Garden City city, Finney County .....	24 097	18 256	14 790	8 583	6 745	4 707	19.1	7.4	19.1	7.4	1 261.6	3 256.4	449.4	1 159.9
Garden Plain city, Sedgwick County .....	731	775	678	251	181	241	1.4	.5	1.4	.5	522.1	1 462.0	179.3	502.0
Gardner city, Johnson County .....	3 191	2 392	1 839	1 251	888	624	7.5	2.9	7.5	2.9	425.5	1 100.3	166.8	431.4
Garfield city, Pawnee County .....	236	277	261	116	121	111	1.4	.5	1.4	.5	168.6	472.0	82.9	232.0
Garrett city, Anderson County .....	3 210	3 310	3 169	1 550	1 529	1 326	8.0	3.1	7.8	3.0	411.5	1 070.0	198.7	516.7
Gas city, Allen County .....	505	543	438	227	219	146	1.9	.7	1.9	.7	265.8	721.4	119.5	324.3
Gaylord city, Smith County .....	173	203	211	109	109	102	.7	.3	.7	.3	247.1	576.7	155.7	363.3
Gem city, Thomas County .....	104	101	80	47	51	43	.8	.3	.8	.3	130.0	346.7	58.8	156.7
Geneseo city, Rice County .....	382	496	453	206	234	223	1.5	.6	1.5	.6	254.7	636.7	137.3	343.3
Geuda Springs city .....	219	217	223	93	91	71	1.2	.4	1.2	.4	182.5	547.5	77.5	232.5
Cowley County .....	34	15	11	8	7	8	.5	.2	.5	.2	68.0	170.0	16.0	40.0
Sumner County .....	185	202	212	85	84	63	.6	.2	.6	.2	308.3	925.0	141.7	425.0
Girard city, Crawford County .....	2 794	2 888	2 591	1 258	1 291	1 051	4.9	1.9	4.8	1.9	582.1	1 470.5	262.1	662.1
Glade city, Phillips County .....	101	131	180	48	69	52	.6	.2	.6	.2	168.3	505.0	80.0	240.0
Glasco city, Cloud County .....	556	710	767	314	341	322	.8	.3	.8	.3	695.0	1 853.3	392.5	1 046.7
Glen Elder city, Mitchell County .....	448	491	422	255	256	216	1.0	.4	1.0	.4	448.0	1 120.0	255.0	637.5
Goddard city, Sedgwick County .....	1 804	1 427	955	593	474	284	3.8	1.5	3.8	1.5	474.7	1 202.7	156.1	395.3
Goessel city, Marion County .....	506	421	386	196	178	147	.6	.2	.6	.2	843.3	2 530.0	326.7	980.0
Goff city, Nemaha County .....	156	196	207	78	101	109	.5	.2	.5	.2	312.0	780.0	156.0	390.0
Goodland city, Sherman County .....	4 983	5 708	5 510	2 360	2 404	1 979	11.2	4.3	11.2	4.3	444.9	1 158.8	210.7	548.8
Gorham city, Russell County .....	284	355	379	134	154	139	.6	.2	.6	.2	473.3	1 420.0	223.3	670.0
Gove City city, Gove County .....	103	148	172	59	69	61	1.0	.4	1.0	.4	103.0	257.5	59.0	147.5
Grainfield city, Gove County .....	357	417	374	176	179	134	1.1	.4	1.1	.4	324.5	892.5	160.0	440.0
Grandview Plaza city, Geary County .....	1 233	1 189	734	574	501	235	2.2	.8	2.1	.8	587.1	1 541.3	273.3	717.5
Great Bend city, Barton County .....	15 427	16 608	16 133	7 050	6 879	5 554	25.4	9.8	25.1	9.7	614.6	1 590.4	280.9	726.8
Greeley city, Anderson County .....	339	405	368	147	157	140	1.0	.4	1.0	.4	339.0	847.5	147.0	367.5
Green city, Clay County .....	150	155	163	64	85	85	.5	.2	.5	.2	300.0	750.0	128.0	320.0
Greenleaf city, Washington County .....	353	462	448	193	222	229	1.2	.5	1.2	.5	294.2	706.0	160.8	386.0
Greensburg city, Kiowa County .....	1 792	1 885	1 907	891	890	826	4.0	1.5	4.0	1.5	448.0	1 194.7	222.8	594.0
Grenola city, Elk County .....	256	335	290	131	164	136	1.2	.5	1.2	.5	213.3	512.0	109.2	262.0
Gridley city, Coffey County .....	356	404	328	161	178	141	.8	.3	.8	.3	445.0	1 186.7	201.3	536.7
Grinnell city, Gove County .....	348	410	449	163	166	140	1.3	.5	1.3	.5	267.7	696.0	125.4	326.0
Gypsum city, Saline County .....	365	423	391	168	180	161	1.0	.4	1.0	.4	365.0	912.5	168.0	420.0
Haddam city, Washington County .....	195	239	289	110	125	139	.9	.3	.9	.3	216.7	650.0	122.2	366.7
Halstead city, Harvey County .....	2 015	1 994	1 716	844	841	677	2.8	1.1	2.8	1.1	719.6	1 831.8	301.4	767.3
Hamilton city, Greenwood County .....	301	363	349	145	170	158	.8	.3	.8	.3	376.3	1 003.3	181.3	483.3
Hamilin city, Brown County .....	50	80	95	27	37	22	.3	.1	.3	.1	166.7	500.0	90.0	270.0
Hanover city, Washington County .....	696	802	793	318	343	317	1.3	.5	1.3	.5	535.4	1 392.0	244.6	636.0
Hanston city, Hodgeman County .....	326	257	282	144	133	115	.7	.3	.7	.3	465.7	1 086.7	205.7	480.0
Hardtner city, Barber County .....	198	336	300	133	141	154	.8	.3	.8	.3	247.5	660.0	166.3	443.3
Harper city, Harper County .....	1 735	1 823	1 665	821	801	721	3.3	1.3	3.3	1.3	525.8	1 334.6	248.8	631.5
Harris city, Anderson County .....	39	80	41	21	31	26	.3	.1	.3	.1	130.0	390.0	70.0	210.0
Hartford city, Lyon County .....	541	551	478	210	218	186	1.0	.4	1.0	.4	541.0	1 352.5	210.0	525.0
Harveysville city, Wabaunsee County .....	267	280	279	110	121	113	.4	.1	.4	.1	667.5	2 670.0	275.0	1 100.0
Havana city, Montgomery County .....	121	169	144	56	69	68	.3	.1	.3	.1	403.3	1 210.0	186.7	560.0
Haven city, Reno County .....	1 198	1 125	1 146	479	444	419	1.2	.5	1.2	.5	998.3	2 396.0	399.2	958.0
Havensville city, Pottawatomie County .....	135	183	163	79	101	90	.3	.1	.3	.1	450.0	350.0	263.3	790.0
Haviland city, Kiowa County .....	624	770	705	255	259	242	1.2	.5	1.2	.5	520.0	1 249.0	212.5	510.0
Hays city, Ellis County .....	17 767	16 301	15 396	7 770	6 853	5 102	15.6	6.0	15.6	6.0	1 139.9	2 961.2	498.1	1 295.0
Haysville city, Sedgwick County .....	8 364	8 006	6 531	2 907	2 502	1 645	8.5	3.3	8.4	3.3	995.7	2 534.5	346.1	880.9
Hazelton city, Barber County .....	128	143	176	70	77	79	1.5	.6	1.5	.6	85.3	213.3	46.7	116.7
Hepler city, Crawford County .....	150	165	152	74	76	77	2.0	.8	2.0	.8	75.0	187.5	37.0	92.5
Herington city .....	2 685	2 930	3 165	1 360	1 418	1 344	5.6	2.1	5.6	2.1	479.5	1 278.6	242.9	647.6
Dickinson County .....	2 685	2 930	3 165	1 360	1 418	1 344	5.4	2.1	5.4	2.1	497.2	1 278.6	251.9	647.6
Morris County .....	—	—	—	—	—	—	.2	.1	.2	.1	—	—	—	—
Herrndon city, Rawlins County .....	170	220	268	109	120	118	.7	.3	.7	.3	242.9	566.7	155.7	363.3
Hesston city, Harvey County .....	3 012	3 013	1 926	1 014	949	503	6.1	2.4	6.1	2.4	493.8	1 255.0	166.2	422.5
Hiawatha city, Brown County .....	3 603	3 702	3 365	1 623	1 657	1 425	5.1	2.0	5.1	2.0	706.5	1 801.5	318.2	811.5
Highland city, Doniphan County .....	942	954	899	337	382	304	1.4	.5	1.4	.5	672.9	1 884.0	240.7	674.0
Hill City city, Graham County .....	1 835	2 028	2 071	879	869	790	2.4	.9	2.4	.9	764.6	2 038.9	366.3	976.7
Hillsboro city, Marion County .....	2 704	2 717	2 730	1 093	1 074	936	4.4	1.7	4.4	1.7	614.5	1 590.6	248.4	642.9
Hoisington city, Barton County .....	3 182	3 678	3 710	1 532	1 590	1 419	2.9	1.1	2.9	1.1	1 097.2	2 892.7	528.3	1 392.7
Holcomb city, Finney County .....	1 400	816	272	414	252	84	2.5	.9	2.5	.9	560.0	1 555.6	165.6	460.0
Hollenberg city, Washington County .....	28	57	47	29	33	39	.2	.1	.2	.1	140.0	280.0	145.0	290.0
Holtton city, Jackson County .....	3 196	3 132	3 063	1 453	1 443	1 387	6.2	2.4	6.0	2.3	532.7	1 389.6	242.2	631.7
Holyrood city, Ellsworth County .....	492	567	593	283	282	267	1.0	.4	1.0	.4	492.0	1 230.0	283.0	707.5

Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Hope city, Dickinson County	404	468	438	190	205	177	1.2	.5	1.2	.5	336.7	808.0	158.3	380.0
Horace city, Greeley County	168	137	137	90	90	79	.6	.2	.6	.2	280.0	840.0	150.0	450.0
Horton city, Brown County	1 885	2 130	2 177	935	1 014	970	4.2	1.6	4.2	1.6	448.8	1 178.1	222.6	584.4
Howard city, Elk County	815	965	918	432	497	432	1.8	.7	1.8	.7	452.8	1 164.3	240.0	617.1
Hoxie city, Sheridan County	1 342	1 462	1 419	641	644	540	2.1	.8	2.1	.8	639.0	1 677.5	305.2	801.3
Hoyt city, Jackson County	489	536	420	178	182	128	1.1	.4	1.1	.4	444.5	1 222.5	161.8	445.0
Hudson city, Stafford County	159	157	181	81	79	79	.3	.1	.3	.1	530.0	1 590.0	270.0	810.0
Hugoton city, Stevens County	3 179	3 165	2 739	1 360	1 299	1 045	3.6	1.4	3.6	1.4	883.1	2 270.7	377.8	971.4
Humboldt city, Allen County	2 178	2 230	2 249	990	1 011	857	3.7	1.4	3.7	1.4	588.6	1 555.7	267.6	707.1
Hunnewell city, Sumner County	87	86	77	37	40	36	1.2	.5	1.2	.5	72.5	174.0	30.8	74.0
Hunter city, Mitchell County	116	135	150	69	82	85	.5	.2	.5	.2	232.0	580.0	138.0	345.0
Huron city, Atchison County	75	107	106	30	44	49	2.2	.8	2.2	.8	34.1	93.8	13.6	37.5
Hutchinson city, Reno County	39 308	40 284	36 885	17 163	17 099	13 608	53.8	20.8	53.6	20.7	733.4	1 898.9	320.2	829.1
Independence city, Montgomery County	9 942	10 598	10 347	4 735	4 851	4 326	11.7	4.5	11.7	4.5	849.7	2 209.3	404.7	1 052.2
Ingalls city, Gray County	301	274	235	110	113	75	.7	.3	.7	.3	430.0	1 003.3	157.1	366.7
Inman city, McPherson County	1 035	942	836	428	367	314	1.2	.5	1.2	.5	862.5	2 070.0	356.7	856.0
Iola city, Allen County	6 351	6 938	6 493	2 886	2 949	2 615	9.2	3.6	9.2	3.5	690.3	1 814.6	313.7	824.6
Isabel city, Barber County	104	137	147	62	71	71	.7	.3	.7	.3	148.6	346.7	85.7	200.0
Iuka city, Pratt County	197	235	210	86	96	(NA)	1.6	.6	1.6	.6	123.1	328.3	53.8	143.3
Jamestown city, Cloud County	325	440	470	169	198	196	.7	.3	.7	.3	464.3	1 083.3	241.4	563.3
Jennings city, Decatur County	188	194	224	127	131	121	.7	.3	.7	.3	268.6	626.7	181.4	423.3
Jetmore city, Hodgeman County	850	936	936	420	435	414	2.6	1.0	2.6	1.0	326.9	850.0	161.5	420.0
Jewell city, Jewell County	529	589	569	278	305	280	1.1	.4	1.1	.4	480.9	1 322.5	252.7	695.0
Johnson City city, Stanton County	1 348	1 244	1 038	535	485	385	2.9	1.1	2.9	1.1	464.8	1 225.5	184.5	486.4
Junction City city, Geary County	20 604	19 305	19 018	8 870	8 153	6 911	17.5	6.8	17.5	6.8	1 177.4	3 030.0	506.9	1 304.4
Kanopolis city, Ellsworth County	605	729	626	289	297	259	3.1	1.2	3.1	1.2	195.2	504.2	93.2	240.8
Kanorado city, Sherman County	276	217	278	114	114	112	.7	.3	.7	.3	394.3	920.0	162.9	380.0
Kansas City city, Wyandotte County	149 767	r161 148	168 213	64 457	r64 493	57 857	288.1	111.3	279.2	107.8	536.4	1 389.3	230.9	597.9
Kechi city, Sedgwick County	517	288	229	181	107	78	2.2	.8	2.2	.8	235.0	646.3	82.3	226.3
Kensington city, Smith County	553	681	653	280	311	278	.8	.3	.8	.3	691.3	1 843.3	350.0	933.3
Kincaid city, Anderson County	170	192	189	102	104	108	1.3	.5	1.3	.5	130.8	340.0	78.5	204.0
Kingman city, Kingman County	3 196	3 563	3 622	1 500	1 598	1 433	8.0	3.1	8.0	3.1	399.5	1 031.0	187.5	483.9
Kinsley city, Edwards County	1 875	2 074	2 212	941	1 013	915	3.4	1.3	3.4	1.3	551.5	1 442.3	276.8	723.8
Kiowa city, Barber County	1 160	1 409	1 414	625	672	640	2.7	1.1	2.7	1.1	429.6	1 054.5	231.5	568.2
Kirwin city, Phillips County	269	249	293	173	178	160	2.5	1.0	2.5	.9	107.6	298.9	69.2	192.2
Kismet city, Seward County	421	368	294	174	129	94	.5	.2	.5	.2	842.0	2 105.0	348.0	870.0
Labette city, Labette County	74	123	105	34	40	39	.5	.2	.5	.2	148.0	370.0	68.0	170.0
La Crosse city, Rush County	1 427	1 618	1 583	711	719	661	2.6	1.0	2.6	1.0	548.8	1 427.0	273.5	711.0
La Cygne city, Linn County	1 066	1 025	989	498	486	401	3.2	1.2	3.2	1.2	333.1	888.3	155.6	415.0
La Harpe city, Allen County	650	687	509	281	298	209	2.2	.9	2.2	.9	295.5	722.2	127.7	312.2
Lake Quivira city	983	1 087	...	382	363	...	4.0	1.5	3.3	1.3	297.9	756.2	115.8	293.8
Johnson County	943	1 029	...	366	345	...	3.1	1.2	2.5	1.0	377.2	943.0	146.4	366.0
Wyandotte County	40	58	...	16	18	...	.9	.4	.8	.3	50.0	133.3	20.0	53.3
Lakin city, Kearny County	2 060	1 823	1 570	825	733	550	2.3	.9	2.3	.9	895.7	2 288.9	358.7	916.7
Lancaster city, Atchison County	299	274	279	117	108	92	.6	.2	.6	.2	498.3	1 495.0	195.0	585.0
Lane city, Franklin County	247	249	254	100	107	99	.6	.2	.6	.2	411.7	1 235.0	166.7	500.0
Langdon city, Reno County	62	84	93	37	50	49	.3	.1	.3	.1	206.7	620.0	123.3	370.0
Lansing city, Leavenworth County	7 120	5 307	3 797	2 012	1 529	812	22.4	8.6	22.1	8.5	322.2	837.6	91.0	236.7
Larned city, Pawnee County	4 490	4 811	4 567	2 231	2 183	1 923	6.0	2.3	6.0	2.3	748.3	1 952.2	371.8	970.0
Latham city, Butler County	160	148	156	87	88	87	.6	.2	.6	.2	266.7	800.0	145.0	435.0
Latimer city, Morris County	20	31	29	11	16	16	.2	.1	.2	.1	100.0	200.0	55.0	110.0
Lawrence city, Douglas County	65 608	52 738	45 698	25 893	20 179	14 372	60.9	23.5	59.4	22.9	1 104.5	2 865.0	435.9	1 130.7
Leavenworth city, Leavenworth County	38 495	33 656	25 147	12 568	11 425	8 831	58.9	22.7	58.8	22.7	654.7	1 695.8	213.7	553.7
Leawood city, Johnson County	19 693	13 360	10 645	7 210	4 845	3 258	38.8	15.0	38.8	15.0	507.6	1 312.9	185.8	480.7
Lebanon city, Smith County	364	440	517	228	270	270	.8	.3	.8	.3	455.0	1 213.3	285.0	760.0
Lebo city, Coffey County	835	966	589	373	378	242	2.0	.8	2.0	.8	417.5	1 043.8	186.5	466.3
Lecompton city, Douglas County	619	576	434	221	215	134	2.5	1.0	2.3	.9	269.1	687.8	96.1	245.6
Lehigh city, Marion County	180	189	168	83	79	66	.8	.3	.8	.3	225.0	600.0	103.8	276.7
Lenexa city, Johnson County	34 034	18 639	5 549	13 496	7 096	1 766	75.6	29.2	75.2	29.0	452.6	1 173.6	179.5	465.4
Lenora city, Norton County	329	444	439	208	225	205	1.3	.5	1.3	.5	253.1	658.0	160.0	416.0
Leon city, Butler County	707	667	510	290	283	210	1.3	.5	1.3	.5	543.8	1 414.0	223.1	580.0
Leona city, Doniphan County	39	73	72	23	25	34	.2	.1	.2	.1	195.0	390.0	115.0	230.0
Leonardville city, Riley County	374	437	412	191	196	190	.7	.3	.7	.3	534.3	1 246.7	272.9	636.7
Leoti city, Wichita County	1 738	1 869	1 916	760	822	622	3.4	1.3	3.4	1.3	511.2	1 336.9	223.5	584.6
Le Roy city, Coffey County	568	701	551	275	314	284	2.2	.8	2.2	.8	258.2	710.0	125.0	343.8
Lewis city, Edwards County	451	551	525	223	231	203	.8	.3	.8	.3	563.8	1 503.3	278.8	743.3
Liberal city, Seward County	16 573	14 911	13 862	6 663	5 857	4 670	24.6	9.5	24.6	9.5	673.7	1 744.5	270.9	701.4
Liberty city, Montgomery County	140	174	185	63	66	69	.7	.3	.7	.3	200.0	466.7	90.0	210.0
Liebertal city, Rush County	112	163	169	58	65	67	.3	.1	.3	.1	373.3	1 120.0	193.3	580.0
Lincoln Center city, Lincoln County	1 381	1 599	1 582	729	788	731	2.7	1.0	2.7	1.0	511.5	1 381.0	270.0	729.0
Lincolnville city, Marion County	197	235	218	103	109	100	.6	.2	.6	.2	328.3	985.0	171.7	515.0
Lindsborg city, McPherson County	3 076	3 155	2 764	1 182	1 117	908	3.6	1.4	3.6	1.4	854.4	2 197.1	328.3	844.3
Linn city, Washington County	472	483	388	199	204	163	.9	.3	.9	.3	524.4	1 573.3	221.1	663.3

Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Linwood city, Leavenworth County	409	343	323	165	144	132	1.1	.4	1.1	.4	371.8	1 022.5	150.0	412.5
Little River city, Rice County	496	529	493	247	256	239	.8	.3	.8	.3	620.0	1 653.3	308.8	823.3
Logan city, Phillips County	633	720	760	326	327	303	3.9	1.5	3.9	1.5	162.3	422.0	83.6	217.3
Long Elm city, Anderson County	32	55	66	18	28	28	.2	.1	.2	.1	160.0	320.0	90.0	180.0
Longford city, Clay County	68	109	99	52	65	56	.4	.2	.4	.2	170.0	340.0	130.0	260.0
Long Island city, Phillips County	170	187	195	86	92	81	1.1	.4	1.1	.4	154.5	425.0	78.2	215.0
Longton city, Elk County	389	209	304	198	209	168	3.1	1.2	3.1	1.2	125.5	324.2	63.9	165.0
Lorraine city, Ellsworth County	147	157	153	68	74	74	.6	.2	.6	.2	245.0	735.0	113.3	340.0
Lost Springs city, Marion County	106	94	103	36	42	38	.6	.2	.6	.2	176.7	530.0	60.0	180.0
Louisburg city, Miami County	1 964	1 744	1 033	753	674	398	4.8	1.9	4.6	1.8	427.0	1 091.1	163.7	418.3
Louisville city, Pottawatomie County	215	207	204	82	87	65	1.3	.5	1.3	.5	165.4	430.0	63.1	164.0
Lucas city, Russell County	452	524	524	253	270	244	1.4	.5	1.4	.5	322.9	904.0	180.7	506.0
Luray city, Russell County	261	295	303	156	155	135	.8	.3	.8	.3	326.3	870.0	195.0	520.0
Lyndon city, Osage County	1 132	1 425	1 958	425	448	388	1.9	.7	507.4	1 377.1	223.7	607.1	165.0	418.3
Lyons city, Rice County	3 688	r4 134	4 355	1 808	r1 826	1 713	5.3	2.1	5.3	2.1	695.8	1 756.2	341.1	861.0
McCracken city, Rush County	231	292	333	137	162	153	2.5	1.0	2.5	1.0	92.4	231.0	54.8	137.0
McCune city, Crawford County	462	528	487	228	224	217	.8	.3	.8	.3	577.5	1 540.0	285.0	760.0
McDonald city, Rawlins County	184	239	269	122	137	127	.5	.2	.5	.2	368.0	920.0	244.0	610.0
McFarland city, Wabaunsee County	224	242	209	101	102	90	.5	.2	.5	.2	448.0	1 120.0	202.0	505.0
Macksville city, Stafford County	488	546	484	238	246	238	2.6	1.0	2.6	1.0	187.7	488.0	91.5	238.0
McLouth city, Jefferson County	719	700	623	297	305	231	1.3	.5	1.3	.5	553.1	1 438.0	228.5	594.0
McPherson city, McPherson County	12 422	11 753	10 851	5 118	4 769	3 771	13.3	5.1	13.3	5.1	934.0	2 435.7	384.8	1 003.5
Madison city, Greenwood County	845	1 099	1 061	403	487	478	1.6	.6	1.6	.6	528.1	1 408.3	251.9	671.7
Mahaska city, Washington County	98	119	122	53	64	63	.6	.2	.6	.2	163.3	490.0	88.3	265.0
Maize city, Sedgwick County	1 520	1 294	785	536	432	223	2.0	.8	2.0	.8	760.0	1 900.0	268.0	670.0
Manchester city, Dickinson County	80	98	92	42	44	45	.7	.3	.7	.3	114.3	266.7	60.0	140.0
Manhattan city	37 712	32 644	27 575	15 558	13 652	9 755	28.6	11.1	28.6	11.0	1 318.6	3 428.4	544.0	1 414.4
Pottawatomie County	143	162	678	80	85	243	2.2	.9	2.2	.9	65.0	158.9	36.4	88.9
Riley County	37 569	32 482	26 897	15 478	13 567	9 512	26.4	10.2	26.4	10.2	1 423.1	3 683.2	586.3	1 517.5
Mankato city, Jewell County	1 037	1 205	1 287	541	587	548	2.6	1.0	2.6	1.0	398.8	1 037.0	208.1	541.0
Manter city, Stanton County	186	205	219	89	90	69	.6	.2	.6	.2	310.0	930.0	148.3	445.0
Maple Hill city, Wabaunsee County	406	381	327	161	137	115	.5	.2	.5	.2	812.0	2 030.0	322.0	805.0
Mapleton city, Bourbon County	96	121	112	51	61	42	.3	.5	1.3	.5	73.8	192.0	39.2	102.0
Marion city, Marion County	1 906	1 951	2 052	913	938	874	4.5	1.7	4.5	1.7	423.6	1 121.2	202.9	537.1
Marquette city, McPherson County	593	639	578	260	281	270	.9	.4	.9	.4	658.9	1 482.5	288.9	650.0
Marysville city, Marshall County	3 359	3 670	3 588	1 615	1 627	1 497	4.9	1.9	4.9	1.9	685.5	1 767.9	329.6	850.0
Mayfield Green city, Chase County	33	71	77	23	42	51	.5	.2	.5	.2	66.0	165.0	46.0	115.0
Mayetta city, Jackson County	267	287	246	104	110	100	.4	.1	.4	.1	667.5	2 670.0	260.0	1 040.0
Mayfield city, Sumner County	110	128	110	60	56	44	.3	.1	.3	.1	386.7	1 000.0	200.0	600.0
Meade city, Meade County	1 526	1 777	1 899	778	818	783	2.4	.9	2.4	.9	635.8	1 695.6	324.2	864.4
Medicine Lodge city, Barber County	2 453	2 384	2 545	1 194	1 044	1 056	3.3	1.3	3.3	1.3	743.3	1 886.9	361.8	918.5
Melvem city, Osage County	423	481	455	197	209	181	.9	.3	.9	.3	470.0	1 410.0	218.9	656.7
Menlo city, Thomas County	50	42	48	26	37	33	.3	.1	.3	.1	166.7	500.0	86.7	260.0
Meriden city, Jefferson County	622	707	472	248	269	170	.9	.4	.9	.4	691.1	1 555.0	275.6	620.0
Merriam city, Johnson County	11 821	10 794	10 955	5 366	4 640	3 773	11.1	4.3	11.1	4.3	1 065.0	2 749.1	483.4	1 247.9
Milan city, Sumner County	109	135	162	66	70	66	.3	.1	.3	.1	363.3	1 090.0	220.0	660.0
Mildred city, Allen County	46	64	42	24	37	25	.6	.2	.6	.2	76.7	230.0	40.0	120.0
Milford city, Geary County	384	465	296	157	169	105	.4	.2	.4	.2	960.0	1 920.0	392.5	785.0
Miltonvale city, Cloud County	484	588	718	287	318	324	1.9	.7	1.9	.7	254.7	691.4	151.1	410.0
Minneapolis city, Ottawa County	1 983	2 075	1 971	899	867	778	3.7	1.4	3.7	1.4	535.9	1 416.4	243.0	642.0
Minneola city, Clark County	705	712	630	315	303	278	1.2	.4	1.2	.4	587.5	1 762.5	262.5	787.5
Mission city, Johnson County	9 504	8 643	8 125	5 239	4 172	2 708	6.6	2.6	6.6	2.6	1 440.0	3 655.4	793.8	2 015.0
Mission Hills city, Johnson County	3 446	3 904	4 198	1 333	1 378	1 316	5.2	2.0	5.2	2.0	662.7	1 723.0	256.3	666.5
Mission Woods city, Johnson County	182	213	237	78	82	79	.3	.1	.3	.1	606.7	1 820.0	260.0	780.0
Moline city, Elk County	473	553	555	257	277	266	.9	.3	.9	.3	525.6	1 576.7	285.6	856.7
Montezuma city, Gray County	838	730	606	340	290	238	1.7	.7	1.7	.7	492.9	1 197.1	200.0	485.7
Moran city, Allen County	551	643	550	258	295	235	1.1	.4	1.1	.4	500.9	1 377.5	234.5	645.0
Morganville city, Clay County	181	261	257	88	111	101	.9	.3	.9	.3	201.1	603.3	97.8	293.3
Morland city, Graham County	234	223	300	113	110	119	1.2	.5	1.2	.5	195.0	468.0	94.2	226.0
Morrill city, Brown County	299	336	308	121	141	130	.5	.2	.5	.2	598.0	1 495.0	242.0	605.0
Morrowville city, Washington County	173	180	201	94	89	96	.4	.1	.4	.1	432.5	1 730.0	235.0	940.0
Moscow city, Stevens County	252	228	228	105	102	81	.5	.2	.5	.2	504.0	1 260.0	210.0	525.0
Mound City city, Linn County	789	755	714	361	360	288	3.0	1.2	3.0	1.2	263.0	657.5	120.3	300.8
Moundridge city, McPherson County	1 531	1 453	1 271	661	621	477	2.0	.8	2.0	.8	765.5	1 913.8	330.5	826.3
Mound Valley city, Labette County	405	381	467	194	175	206	1.7	.7	1.7	.7	238.2	578.6	114.1	277.1
Mount Hope city, Sedgwick County	805	791	665	302	300	262	.8	.3	.8	.3	1 006.3	2 683.3	377.5	1 006.7
Mulberry city, Crawford County	555	647	622	289	333	308	1.3	.5	1.3	.5	426.9	1 110.0	222.3	578.0
Mullinville city, Kiowa County	289	339	376	150	148	145	1.6	.6	1.6	.6	180.6	481.7	93.8	250.0
Mulvane city	4 674	4 254	3 185	1 695	1 450	1 016	4.6	1.8	4.6	1.8	1 016.1	2 596.7	368.5	941.7
Sedgwick County	3 466	2 994	2 063	1 209	990	626	3.3	1.3	3.3	1.3	1 050.3	2 666.2	366.4	930.0
Sumner County	1 208	1 260	1 122	486	460	390	1.4	.5	1.4	.5	862.9	2 416.0	347.1	972.0
Munden city, Republic County	143	152	123	75	79	70	.5	.2	.5	.2	286.0	715.0	150.0	375.0

Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Muscotah city, Atchison County	194	248	206	97	110	98	.9	.3	.9	.3	215.6	646.7	107.8	323.3
Narka city, Republic County	113	120	130	62	89	79	.5	.2	.5	.2	226.0	565.0	124.0	310.0
Nashville city, Kingman County	118	127	107	56	58	59	.6	.2	.6	.2	196.7	590.0	93.3	280.0
Natoma city, Osborne County	392	515	603	260	296	276	1.1	.4	1.1	.4	356.4	980.0	236.4	650.0
Neodesha city, Wilson County	2 837	3 414	3 295	1 407	1 531	1 444	3.0	1.1	2.9	1.1	978.3	2 579.1	485.2	1 279.1
Neosho Falls city, Woodson County	157	157	184	90	99	89	1.4	.5	1.4	.5	112.1	314.0	64.3	180.0
Neosho Rapids city, Lyon County	235	289	234	107	119	90	1.3	.5	1.3	.5	180.8	470.0	82.3	214.0
Ness City city, Ness County	1 724	1 769	1 756	804	775	683	2.6	1.0	2.6	1.0	663.1	1 724.0	309.2	804.0
Netawaka city, Jackson County	167	218	192	69	77	69	2.5	1.0	2.5	1.0	66.8	167.0	27.6	69.0
New Albany city, Wilson County	60	78	59	36	49	36	.6	.2	.6	.2	100.0	300.0	60.0	180.0
New Cambria city, Saline County	152	175	160	60	65	57	.2	.1	.2	.1	760.0	1 520.0	300.0	600.0
New Strawn city, Coffey County	428	457	...	181	213	...	2.2	.8	2.1	.8	203.8	535.0	86.2	226.3
Newton city, Harvey County	16 700	16 332	15 439	6 955	6 555	5 451	20.5	7.9	20.5	7.9	814.6	2 113.9	339.3	880.4
Nickerson city, Reno County	1 137	1 292	1 187	470	524	430	3.5	1.4	3.2	1.4	324.9	812.1	134.3	335.7
Niotaze city, Chautauqua County	99	104	83	50	61	53	1.0	.4	1.0	.4	99.0	247.5	50.0	125.0
Norcatcar city, Decatur County	198	226	284	118	122	142	2.6	1.0	2.6	1.0	76.2	198.0	45.4	118.0
North Newton city, Harvey County	1 262	1 222	963	468	374	247	1.5	.6	1.5	.6	841.3	2 103.3	312.0	780.0
Norton city, Norton County	3 017	3 400	3 627	1 485	1 538	1 422	4.9	1.9	4.9	1.9	615.7	1 587.9	303.1	781.6
Nortonville city, Jefferson County	643	692	727	263	270	236	.9	.4	.9	.4	714.4	1 607.5	292.2	657.5
Norwich city, Kingman County	455	476	414	208	207	172	1.1	.4	1.1	.4	413.6	1 137.5	189.1	520.0
Oak Hill city, Clay County	13	35	41	8	25	27	.1	.1	.1	.1	130.0	...	80.0	...
Oaklawn-Sunview CDP, Sedgwick County	3 240	...	...	1 166	...	...	1.4	.5	1.4	.5	2 314.3	6 480.0	832.9	2 332.0
Oakley city	2 045	2 343	2 327	993	1 045	844	3.4	1.3	3.4	1.3	601.5	1 573.1	292.1	763.8
Logan County	1 987	2 268	2 327	971	1 024	844	3.3	1.3	3.3	1.3	602.1	1 528.5	294.2	746.9
Thomas County	58	75	...	22	21	...	.1	...	.1	...	580.0	...	220.0	...
Oberlin city, Decatur County	2 197	12 387	2 291	1 095	1 113	1 011	5.0	1.9	5.0	1.9	439.4	1 156.3	219.0	576.3
Offerle city, Edwards County	228	244	212	95	95	82	.7	.3	.7	.3	325.7	760.0	135.7	316.7
Ogden city, Riley County	1 494	1 804	1 491	782	912	534	1.4	.5	1.3	.5	1 149.2	2 988.0	601.5	1 564.0
Oketo city, Marshall County	116	130	133	55	67	68	.3	.1	.3	.1	386.7	1 160.0	183.3	550.0
Olathe city, Johnson County	63 352	37 258	17 917	22 497	13 034	5 577	110.3	42.6	109.5	42.3	578.6	1 497.7	205.5	531.8
Olivet city, Osage County	59	65	64	41	42	30	.7	.3	.7	.3	84.3	196.7	58.6	136.7
Olmitz city, Barton County	130	140	161	74	74	66	.4	.2	.4	.2	325.0	650.0	185.0	370.0
Olpe city, Lyon County	431	477	453	187	178	137	.7	.3	.7	.3	615.7	1 436.7	267.1	623.3
Olsburg city, Pottawatomie County	192	166	151	76	81	71	.4	.2	.4	.2	480.0	960.0	190.0	380.0
Onaga city, Pottawatomie County	761	752	761	356	361	330	1.7	.6	1.7	.6	447.6	1 268.3	209.4	593.3
Oneida city, Nemaha County	79	120	112	34	44	45	.6	.2	.6	.2	131.7	395.0	56.7	170.0
Osage City city, Osage County	2 689	2 667	2 600	1 210	1 148	986	8.1	3.1	7.9	3.0	340.4	896.3	153.2	403.3
Osawatomie city, Miami County	4 590	4 459	4 294	1 844	1 911	1 695	7.1	2.7	7.1	2.7	646.5	1 700.0	259.7	683.0
Osborne city, Osborne County	1 778	2 120	1 980	860	930	850	3.7	1.4	3.7	1.4	480.5	1 270.0	232.4	614.3
Oskaloosa city, Jefferson County	1 074	1 092	1 955	474	425	374	2.4	.9	2.4	.9	447.5	1 193.3	173.8	463.3
Oswego city, Labette County	1 870	2 218	2 200	904	1 004	900	5.6	2.2	5.6	2.2	333.9	850.0	161.4	410.9
Otis city, Rush County	385	410	387	183	172	186	.8	.3	.8	.3	481.3	1 283.3	228.8	610.0
Ottawa city, Franklin County	10 667	11 016	11 036	4 553	4 572	3 978	16.8	6.5	16.8	6.5	634.9	1 641.1	271.0	700.5
Overbrook city, Osage County	920	930	748	351	347	5	1.3	.5	1.3	.5	707.7	1 840.0	270.0	702.0
Overland Park city, Johnson County	111 790	81 784	77 934	48 043	31 244	23 157	144.2	55.8	144.2	55.7	775.2	2 007.0	333.2	862.5
Oxford city, Sumner County	1 143	1 125	1 113	468	498	425	2.2	.8	2.2	.8	519.5	1 428.8	212.7	585.0
Ozawkie city, Jefferson County	403	472	137	176	183	57	.8	.3	.8	.3	503.8	1 343.3	220.0	586.7
Palco city, Rooks County	295	329	398	175	171	158	.7	.3	.7	.3	421.4	983.3	250.0	583.3
Palmer city, Washington County	121	149	166	70	68	62	.8	.3	.8	.3	151.3	403.3	87.5	233.3
Paola city, Miami County	4 698	4 557	4 622	1 892	1 858	1 647	9.7	3.7	8.9	3.4	527.9	1 381.8	212.6	556.5
Paradise city, Russell County	66	89	145	36	51	53	.7	.3	.7	.3	94.3	220.0	51.4	120.0
Park city, Gove County	150	183	178	91	97	83	.8	.3	.8	.3	187.5	500.0	113.8	303.3
Park City city, Sedgwick County	5 050	...	...	1 741	...	...	7.5	2.9	7.5	2.9	673.3	1 741.4	232.1	600.3
Parker city, Linn County	256	270	255	122	129	111	.6	.2	.6	.2	426.7	1 280.0	203.3	610.0
Parkerville city, Morris County	28	42	25	25	28	26	.2	.1	.2	.1	140.0	280.0	125.0	250.0
Parsons city, Labette County	11 924	12 898	13 015	5 451	5 428	5 020	16.6	6.4	16.6	6.4	718.3	1 863.1	328.4	851.7
Partridge city, Reno County	213	268	302	102	107	94	1.2	.5	1.2	.5	177.5	426.0	85.0	204.0
Pawnee Rock city, Barton County	367	409	442	163	170	148	.7	.3	.7	.3	524.3	1 223.3	232.9	543.3
Paxico city, Wabaunsee County	174	168	216	80	74	65	.4	.1	.4	.1	435.0	1 740.0	200.0	800.0
Peabody city, Marion County	1 349	1 474	1 368	594	640	539	3.0	1.2	3.0	1.2	449.7	1 124.2	198.0	495.0
Penalosa city, Kingman County	21	32	31	12	21	21	.2	.1	.2	.1	105.0	210.0	60.0	120.0
Perry city, Jefferson County	881	907	664	376	375	245	2.0	.8	2.0	.8	440.5	1 101.3	188.0	470.0
Peru city, Chautauqua County	206	286	289	114	134	136	1.0	.4	1.0	.4	206.0	515.0	114.0	285.0
Phillipsburg city, Phillips County	2 828	3 229	3 241	1 398	1 436	1 249	3.9	1.5	3.9	1.5	725.1	1 885.3	358.5	932.0
Pittsburg city, Crawford County	17 775	18 770	20 171	8 445	8 494	7 750	26.0	10.1	25.9	10.0	686.3	1 777.5	326.1	844.5
Plains City city, Meade County	957	1 044	857	431	415	298	2.6	1.0	2.6	1.0	368.1	957.0	165.8	431.0
Plainville city, Rooks County	2 173	2 458	2 627	986	992	906	2.8	1.1	2.8	1.1	776.1	1 975.5	352.1	896.4
Pleasanton city, Linn County	1 231	1 303	1 216	578	598	559	2.5	.9	2.5	.9	492.4	1 367.8	231.2	642.2
Plevna city, Reno County	117	115	124	53	51	49	.6	.2	.6	.2	195.0	585.0	88.3	265.0
Pomona city, Franklin County	835	868	541	359	351	217	2.0	.8	2.0	.8	417.5	1 043.8	179.5	448.8
Portis city, Osborne County	129	172	178	86	97	92	.7	.3	.7	.3	184.3	430.0	122.9	286.7
Potwin city, Butler County	448	563	497	207	228	195	.6	.2	.6	.2	746.7	2 240.0	345.0	1 035.0
Powhattan city, Brown County	111	95	111	45	56	57	.3	.1	.3	.1	370.0	1 110.0	150.0	450.0

Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Prairie View city, Phillips County	111	145	201	78	88	89	.4	.2	.4	.2	277.5	555.0	195.0	390.0
Prairie Village city, Johnson County	23 186	24 657	28 378	10 031	9 672	8 771	16.1	6.2	16.1	6.2	1 440.1	3 739.7	623.0	1 617.9
Pratt city, Pratt County	6 687	6 885	6 736	3 209	3 018	2 805	8.3	3.2	8.2	3.2	815.5	2 089.7	391.3	1 002.8
Prescott city, Linn County	301	319	222	114	128	112	.6	.2	.6	.2	501.7	1 505.0	190.0	570.0
Preston city, Pratt County	177	227	239	104	107	114	1.2	.5	1.2	.5	147.5	354.0	86.7	208.0
Pretty Prairie city, Reno County	601	655	561	277	267	213	.9	.3	.9	.3	667.8	2 003.3	307.8	923.3
Princeton city, Franklin County	275	244	159	109	101	71	.7	.3	.7	.3	392.9	916.7	155.7	363.3
Protection city, Comanche County	625	684	673	307	291	295	2.5	1.0	2.5	1.0	250.0	625.0	122.8	307.0
Quenemo city, Osage County	369	413	429	178	186	166	1.1	.4	1.1	.4	335.5	922.5	161.8	445.0
Quinter city, Gove County	945	951	930	455	447	354	2.5	1.0	2.5	1.0	378.0	945.0	182.0	455.0
Radium city, Stafford County	47	47	55	23	24	25	.1	—	.1	—	470.0	—	230.0	—
Ramona city, Marion County	106	116	121	51	59	56	.8	.3	.8	.3	132.5	353.3	63.8	170.0
Randall city, Jewell County	96	154	195	82	91	96	.5	.2	.5	.2	192.0	480.0	164.0	410.0
Randolph city, Riley County	129	131	106	75	71	45	.6	.2	.6	.2	215.0	645.0	125.0	375.0
Ransom city, Ness County	386	448	416	207	205	177	.8	.3	.8	.3	482.5	1 286.7	258.8	690.0
Rantoul city, Franklin County	200	212	163	83	89	62	.4	.4	.4	.1	500.0	2 000.0	207.5	830.0
Raymond city, Rice County	125	132	133	62	55	48	.8	.3	.8	.3	156.3	416.7	77.5	206.7
Reading city, Lyon County	264	244	247	115	115	101	.5	.2	.5	.2	528.0	1 320.0	230.0	575.0
Redfield city, Bourbon County	143	185	138	64	78	60	.4	.1	.4	.1	357.5	1 430.0	160.0	640.0
Republic city, Republic County	177	223	243	119	126	120	.4	.3	.4	.3	252.9	590.0	170.0	396.7
Reserve city, Brown County	108	105	117	74	58	58	.3	.1	.3	.1	360.0	1 080.0	246.7	740.0
Rexford city, Thomas County	171	204	231	102	118	113	.7	.3	.7	.3	244.3	570.0	145.7	340.0
Richfield city, Morton County	50	81	82	32	33	32	2.6	1.0	2.6	1.0	19.2	50.0	12.3	32.0
Richmond city, Franklin County	528	510	464	188	198	177	.7	.3	.7	.3	754.3	1 760.0	268.6	626.7
Riley city, Riley County	804	779	668	359	352	271	1.0	.4	1.0	.4	804.0	2 010.0	359.0	897.5
Robinson city, Brown County	268	324	278	127	140	123	.6	.2	.6	.2	446.7	1 340.0	211.7	635.0
Roeland Park city, Johnson County	7 706	7 962	9 760	3 317	3 316	3 231	4.2	1.6	4.2	1.6	1 834.8	4 816.3	789.8	2 073.1
Rolla city, Morton County	387	400	400	177	177	158	.7	.3	.7	.3	552.9	1 290.0	252.9	590.0
Rose Hill city, Butler County	2 399	1 557	387	738	469	124	3.0	1.2	3.0	1.2	799.7	1 999.2	246.0	615.0
Roseland city, Cherokee County	98	119	113	47	55	47	.9	.4	.9	.4	108.9	245.0	52.2	117.5
Rossville city, Shawnee County	1 052	1 045	934	391	366	314	1.3	.5	1.3	.5	809.2	2 104.0	300.8	782.0
Rozel city, Pawnee County	187	219	236	97	102	91	.5	.2	.5	.2	374.0	935.0	194.0	485.0
Rush Center city, Rush County	177	207	237	97	101	95	1.0	.4	1.0	.4	177.0	442.5	97.0	242.5
Russell city, Russell County	4 781	5 427	5 371	2 495	2 429	2 116	11.1	4.3	11.1	4.3	430.7	1 111.9	224.8	580.2
Russell Springs city, Logan County	29	56	83	20	41	33	1.9	.7	1.9	.7	15.3	41.4	10.5	28.6
Sabetha city	2 341	r2 297	2 376	1 041	r1 021	953	5.1	2.0	5.1	2.0	459.0	1 170.5	204.1	520.5
Brown County	6	r9	...	2	r3	...	1.2	.4	1.2	.4	5.0	15.0	1.7	5.0
Nemaha County	2 335	r2 288	2 376	1 039	r1 018	953	3.9	1.5	3.9	1.5	598.7	1 556.7	266.4	692.7
St. Francis city, Cheyenne County	1 495	1 610	1 725	786	797	735	2.2	.8	2.2	.8	679.5	1 868.8	357.3	982.5
St. George city, Pottawatomie County	397	309	241	170	129	87	1.1	.4	1.1	.4	360.9	992.5	154.5	425.0
St. John city, Stafford County	1 357	1 501	1 477	688	711	687	4.7	1.8	4.7	1.8	288.7	753.9	146.4	382.2
St. Marys city	1 791	1 598	1 434	675	608	478	2.0	.8	2.0	.8	895.5	2 238.8	337.5	843.8
Pottawatomie County	1 791	1 598	1 434	675	608	478	2.0	.8	2.0	.8	895.5	2 238.8	337.5	843.8
Wabaunsee County	—	...	...	—	...	...	—	—	—	—	—	—	—	—
St. Paul city, Neosho County	687	746	804	251	272	245	2.8	1.1	2.8	1.1	245.4	624.5	89.6	228.2
Salina city, Saline County	42 303	41 843	37 714	18 411	17 670	13 906	54.6	21.1	54.4	21.0	777.6	2 014.4	338.4	876.7
Urban part	42 297	...	...	18 408	...	...	38.4	14.8	38.3	14.8	1 104.4	2 857.9	480.6	1 243.8
Rural part	6	...	...	3	...	...	16.1	6.2	16.1	6.2	4	1.0	.2	.5
Satanta city, Haskell County	1 073	1 117	1 161	455	436	387	1.2	.5	1.2	.5	894.2	2 146.0	379.2	910.0
Savonburg city, Allen County	93	113	109	54	67	56	.5	.2	.5	.2	186.0	465.0	108.0	270.0
Sawyer city, Pratt County	183	213	164	88	96	82	.3	.1	.3	.1	610.0	1 830.0	293.3	880.0
Scammon city, Cherokee County	466	501	457	216	214	215	1.7	.6	1.6	.6	291.3	776.7	135.0	360.0
Scandia city, Republic County	421	480	567	245	264	245	1.2	.5	1.2	.5	350.8	842.0	204.2	490.0
Schoenchen city, Ellis County	128	209	182	54	76	64	.3	.1	.3	.1	426.7	1 280.0	180.0	540.0
Scott City city, Scott County	3 785	4 154	4 001	1 692	1 735	1 450	4.1	1.6	4.1	1.6	923.2	2 365.6	412.7	1 057.5
Scottsville city, Mitchell County	26	56	46	15	22	27	.6	.3	.6	.3	43.3	86.7	25.0	50.0
Scranton city, Osage County	674	664	575	272	256	235	2.7	1.0	2.7	1.0	249.6	674.0	100.7	272.0
Sedan city, Chautauqua County	1 306	1 579	1 555	704	734	708	2.0	.8	2.0	.8	653.0	1 632.5	352.0	880.0
Sedgwick city	1 438	1 471	1 083	517	418	382	2.2	.8	2.2	.8	653.6	1 797.5	235.0	646.3
Harvey County	1 306	1 343	1 083	452	453	382	2.0	.8	2.0	.8	653.0	1 632.5	226.0	565.0
Sedgwick County	132	128	...	65	59	...	.2	.1	.2	.1	660.0	1 320.0	325.0	650.0
Selden city, Sheridan County	248	266	271	115	129	130	.8	.3	.8	.3	310.0	826.7	143.8	383.3
Seneca city, Nemaha County	2 027	2 389	2 182	944	974	809	3.2	1.2	3.2	1.2	633.4	1 689.2	295.0	786.7
Severance city, Doniphan County	98	134	128	53	58	54	.3	.1	.3	.1	326.7	980.0	176.7	530.0
Severy city, Greenwood County	357	447	384	184	195	192	1.3	.5	1.3	.5	274.6	714.0	141.5	368.0
Seward city, Stafford County	71	88	66	42	34	29	.6	.2	.6	.2	118.3	355.0	70.0	210.0
Sharon city, Barber County	256	283	265	119	111	97	.8	.3	.8	.3	320.0	853.3	148.8	396.7
Sharon Springs city, Wallace County	872	982	1 012	435	453	367	2.3	.9	2.3	.9	379.1	968.9	189.1	483.3
Shawnee city, Johnson County	37 993	29 653	20 946	15 217	11 137	6 228	110.3	42.6	108.2	41.8	351.1	908.9	140.6	364.0
Silver Lake city, Shawnee County	1 390	1 350	811	520	460	265	1.4	.5	1.3	.5	1 069.2	2 780.0	400.0	1 040.0

**Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.**

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Simpson city, Smith County	107	123	131	63	72	77	.6	.2	.6	.2	178.3	535.0	105.0	315.0
Cloud County	—	1	2	—	1	—	—	—	—	—	—	—	—	—
Mitchell County	107	122	129	63	71	76	.6	.2	.6	.2	178.3	535.0	105.0	315.0
Smith Center city, Smith County	2 016	2 240	2 389	1 055	1 082	994	3.0	1.1	3.0	1.1	672.0	1 832.7	351.7	959.1
Smolan city, Saline County	195	169	175	77	74	60	.3	.1	.3	.1	650.0	1 950.0	256.7	770.0
Soldier city, Jackson County	135	165	173	56	64	68	.4	.2	.4	.2	337.5	675.0	140.0	280.0
Solomon city, Dickinson County	939	1 018	973	438	427	367	1.7	.6	1.7	.6	552.4	1 565.0	257.6	730.0
South Haven city, Sumner County	420	439	413	191	186	169	2.1	.8	2.1	.8	200.0	525.0	91.0	238.8
South Hutchinson city, Reno County	2 444	2 226	1 879	1 117	973	630	7.1	2.8	7.0	2.7	349.1	905.2	159.6	413.7
Spearville city, Ford County	716	693	738	308	290	255	1.6	.6	1.6	.6	447.5	1 193.3	192.5	513.3
Speed city, Phillips County	64	41	58	27	28	31	.4	.1	.4	.1	160.0	640.0	67.5	270.0
Spivey city, Kingman County	88	83	78	43	48	35	1.3	.5	1.3	.5	67.7	176.0	33.1	86.0
Spring Hill city	2 191	2 005	1 186	792	661	381	7.8	3.0	7.6	3.0	288.3	730.3	104.2	264.0
Johnson County	2 084	1 963	1 186	759	641	381	6.2	2.4	6.1	2.3	341.6	906.1	124.4	330.0
Miami County	107	42	—	33	20	—	1.6	.6	1.6	.6	66.9	178.3	20.6	55.0
Stafford city, Stafford County	1 344	1 425	1 414	705	709	679	2.4	.9	2.4	.9	560.0	1 493.3	293.8	783.3
Stark city, Neosho County	79	143	124	42	59	46	.5	.2	.5	.2	158.0	395.0	84.0	210.0
Sterling city, Rice County	2 115	2 312	2 312	878	899	818	3.3	1.3	3.2	1.2	660.9	1 762.5	274.4	731.7
Stockton city, Rooks County	1 507	1 825	1 818	807	859	776	3.4	1.3	3.4	1.3	443.2	1 159.2	237.4	620.8
Strong City city, Chase County	617	675	545	285	298	242	1.3	.5	1.3	.5	474.6	1 234.0	219.2	570.0
Sublette city, Haskell County	1 378	1 293	1 208	572	520	433	2.1	.8	2.1	.8	656.2	1 722.5	272.4	715.0
Summerfield city, Marshall County	169	129	254	91	126	115	.9	.3	.9	.3	187.8	563.3	101.1	303.3
Sun City city, Barber County	88	85	119	64	59	73	.4	.1	.4	.1	220.0	880.0	160.0	640.0
Susank city, Barton County	61	52	59	29	28	28	.2	.1	.2	.1	305.0	610.0	145.0	290.0
Sylvan Grove city, Lincoln County	321	376	403	203	210	202	1.0	.4	1.0	.4	321.0	802.5	203.0	507.5
Sylvia city, Reno County	308	353	390	156	173	169	.7	.3	.7	.3	440.0	1 026.7	222.9	520.0
Syracuse city, Hamilton County	1 606	1 654	1 720	819	802	707	3.2	1.2	3.2	1.2	501.9	1 338.3	255.9	682.5
Tampa city, Marion County	113	113	154	61	65	69	.5	.2	.5	.2	226.0	565.0	122.0	305.0
Tescott city, Ottawa County	317	331	393	168	174	169	.9	.3	.9	.3	352.2	1 056.7	186.7	560.0
Thayer city, Neosho County	435	517	430	218	215	174	1.1	.4	1.1	.4	395.5	1 087.5	198.2	545.0
Timken city, Rush County	87	99	123	52	56	54	.4	.1	.4	.1	217.5	870.0	130.0	520.0
Tipton city, Mitchell County	267	321	315	118	118	99	.7	.3	.7	.3	381.4	890.0	168.6	393.3
Tonganoxie city, Leavenworth County	2 347	1 864	1 717	868	740	581	5.8	2.2	5.8	2.2	404.7	1 066.8	149.7	394.5
Topeka city, Shawnee County	119 883	r18 690	125 011	54 664	r51 556	43 700	145.4	56.1	142.9	55.2	838.9	2 171.8	382.5	990.3
Toronto city, Woodson County	317	466	431	247	260	229	1.0	.4	1.0	.4	317.0	792.5	247.0	617.5
Towanda city, Butler County	1 289	1 332	1 190	474	463	393	1.2	.5	1.2	.5	1 074.2	2 578.0	395.0	948.0
Treecy city, Cherokee County	172	194	225	73	88	89	.2	.1	.2	.1	860.0	1 720.0	365.0	730.0
Tribune city, Greeley County	918	955	1 013	434	434	380	1.5	.6	1.5	.6	612.0	1 530.0	289.3	723.3
Troy city, Doniphan County	1 073	1 240	1 047	472	517	400	1.7	.6	1.6	.6	670.6	1 788.3	295.0	786.7
Turon city, Reno County	393	481	430	220	245	240	1.2	.5	1.2	.5	327.5	786.0	183.3	440.0
Tyro city, Montgomery County	243	289	206	98	113	93	1.4	.5	1.4	.5	173.6	486.0	70.0	196.0
Udall city, Cowley County	824	891	668	320	301	227	1.0	.4	1.0	.4	824.0	2 060.0	320.0	800.0
Ulysses city, Grant County	5 474	4 653	3 779	1 979	1 752	1 246	6.8	2.6	6.7	2.6	817.0	2 105.4	295.4	761.2
Uniontown city, Bourbon County	290	371	286	137	166	116	.6	.2	.6	.2	483.3	1 450.0	228.3	685.0
Utica city, Ness County	208	275	297	116	147	146	.6	.2	.6	.2	346.7	1 040.0	193.3	580.0
Valley Center city, Sedgwick County	3 624	3 300	2 551	1 340	1 153	788	4.2	1.6	4.2	1.6	862.9	2 265.0	319.0	837.5
Valley Falls city, Jefferson County	1 253	1 189	1 169	484	513	438	1.9	.7	1.9	.7	659.5	1 790.0	254.7	691.4
Vermillion city, Marshall County	113	191	191	77	103	98	.7	.3	.7	.3	161.4	376.7	110.0	256.7
Victoria city, Ellis County	1 157	1 328	1 246	474	492	381	1.3	.5	1.3	.5	890.0	2 314.0	364.6	948.0
Vining city	55	85	84	36	42	46	.6	.2	.6	.2	91.7	275.0	60.0	180.0
Clay County	35	55	48	24	27	31	.2	.1	.2	.1	175.0	350.0	120.0	240.0
Washington County	20	30	36	12	15	15	.4	.1	.4	.1	50.0	200.0	30.0	120.0
Viola city, Sedgwick County	185	199	193	69	77	62	.4	.2	.4	.2	462.5	925.0	172.5	345.0
Virgil city, Greenwood County	91	169	179	65	82	90	1.4	.6	1.4	.6	65.0	151.7	46.4	108.3
Wakeeney city, Trego County	2 161	2 388	2 334	1 072	1 125	965	4.4	1.7	4.4	1.7	491.1	1 271.2	243.6	630.6
Wakefield city, Clay County	900	803	583	366	305	220	1.2	.5	1.2	.5	750.0	1 800.0	305.0	732.0
Waldo city, Russell County	57	75	123	45	59	66	1.0	.4	1.0	.4	57.0	142.5	45.0	112.5
Waldron city, Harper County	19	29	24	10	17	18	.8	.3	.8	.3	23.8	63.3	12.5	33.3
Wallace city, Wallace County	75	86	112	38	39	42	1.0	.4	1.0	.4	75.0	187.5	38.0	95.0
Walnut city, Crawford County	214	308	330	119	145	172	2.6	1.0	2.6	1.0	82.3	214.0	45.8	119.0
Walton city, Harvey County	226	269	211	105	114	85	.6	.2	.6	.2	376.7	1 130.0	175.0	525.0
Wamego city, Pottawatomie County	3 706	3 159	2 507	1 468	1 329	930	3.4	1.3	3.3	1.3	1 123.0	2 850.8	444.8	1 129.2
Washington city, Washington County	1 304	1 488	1 584	675	715	707	1.9	.7	1.9	.7	686.3	1 862.9	355.3	964.3
Waterville city, Marshall County	601	694	632	302	349	323	1.2	.4	1.2	.4	500.8	1 502.5	251.7	755.0
Wathena city, Doniphan County	1 160	1 418	1 150	479	556	433	3.7	1.4	3.7	1.4	313.5	828.6	129.5	342.1
Waverly city, Coffey County	618	671	510	273	276	246	1.7	.7	1.7	.7	363.5	882.9	160.6	390.0
Webber city, Jewell County	39	53	49	31	32	27	.3	.1	.3	.1	130.0	390.0	103.3	310.0
Weir city, Cherokee County	730	705	740	317	305	300	2.7	1.0	2.7	1.0	270.4	730.0	117.4	317.0
Wellington city, Sumner County	8 411	8 212	8 072	3 754	3 608	3 079	12.9	5.0	12.7	4.9	662.3	1 716.5	295.6	766.1
Wellsville city, Franklin County	5 453	1 612	1 183	607	598	429	1.9	.7	1.9	.7	822.6	2 232.9	319.5	867.1
West Mineral city, Cherokee County	226	229	232	117	118	110	.9	.3	.9	.3	251.1	753.3	130.0	390.0
Westmoreland city, Pottawatomie County	541	598	485	233	237	188	1.2	.5	1.2	.5	450.8	1 082.0	194.2	466.0

Table 9. Population and Housing Units, 1970 to 1990; Area Measurements and Density: 1990—Con.

[For information concerning historical counts, see "User Notes." Density is computed using land area. For definitions of terms and meanings of symbols, see text.]

Place and [In Selected States] County Subdivision	Population			Housing units			1990 area measurements				1990 density			
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—	
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
Westphalia city, Anderson County .....	152	204	185	90	96	86	.5	.2	.5	.2	304.0	760.0	180.0	450.0
Westwood city, Johnson County .....	1 772	1 783	2 383	803	736	781	1.0	.4	1.0	.4	1 772.0	4 430.0	803.0	2 007.5
Westwood Hills city, Johnson County .....	383	437	414	173	183	150	.2	.1	.2	.1	1 915.0	3 830.0	865.0	1 730.0
Wetmore city, Nemaha County .....	284	376	392	157	178	159	1.0	.4	1.0	.4	284.0	710.0	157.0	392.5
Wheaton city, Pottawatomie County .....	106	90	106	44	53	50	.4	.1	.4	.1	285.0	1 060.0	110.0	440.0
White City city, Morris County .....	533	534	458	260	238	210	3.2	1.2	3.2	1.2	166.6	444.2	81.3	216.7
White Cloud city, Doniphan County .....	255	234	210	127	133	81	1.9	.7	1.9	.7	134.2	364.3	66.8	181.4
Whitewater city, Butler County .....	683	751	520	266	245	197	.8	.3	.8	.3	853.8	2 276.7	332.5	886.7
Whiting city, Jackson County .....	213	270	256	106	121	113	2.6	1.0	2.6	1.0	81.9	213.0	40.8	106.0
Wichita city, Sedgwick County .....	304 011	r279 838	276 554	135 069	r116 953	99 920	304.0	117.4	298.2	115.1	1 019.5	2 641.3	452.9	1 173.5
Willard city .....	110	128	124	51	57	44	.3	.1	.3	.1	366.7	1 100.0	170.0	510.0
Shawnee County .....	110	123	124	51	55	44	.3	.1	.3	.1	366.7	1 100.0	170.0	510.0
Wabaunsee County .....	—	5	...	—	2	...	—	—	—	—	—	—	—	—
Williamsburg city, Franklin County .....	261	362	286	122	145	109	.9	.3	.9	.3	290.0	870.0	135.6	406.7
Willis city, Brown County .....	86	85	82	33	43	40	.4	.2	.4	.2	215.0	430.0	82.5	165.0
Willowbrook city, Reno County .....	95	109	100	37	36	30	.8	.3	.8	.3	118.8	316.7	46.3	123.3
Wilmore city, Comanche County .....	78	97	96	49	49	55	.5	.2	.5	.2	156.0	390.0	98.0	245.0
Wisey city, Morris County .....	149	179	169	82	88	78	.7	.3	.7	.3	212.9	496.7	117.1	273.3
Wilson city, Ellsworth County .....	834	978	870	423	443	435	1.4	.5	1.4	.5	595.7	1 668.0	302.1	846.0
Winchester city, Jefferson County .....	613	570	492	211	209	167	.6	.2	.6	.2	1 021.7	3 065.0	351.7	1 055.0
Windom city, McPherson County .....	136	160	183	68	77	73	.6	.2	.6	.2	226.7	680.0	113.3	340.0
Winfield city, Cowley County .....	11 931	10 736	11 405	4 835	4 400	4 032	31.4	12.1	27.0	10.4	441.9	1 147.2	179.1	464.9
Winona city, Logan County .....	194	258	293	109	152	129	.7	.3	.7	.3	277.1	646.7	155.7	363.3
Woodbine city, Dickinson County .....	186	172	170	88	94	83	.4	.1	.4	.1	465.0	1 860.0	220.0	880.0
Woodston city, Rooks County .....	121	157	211	87	111	114	.6	.2	.6	.2	201.7	605.0	145.0	435.0
Yates Center city, Woodson County .....	1 815	1 998	1 967	956	904	841	5.9	2.3	5.9	2.3	307.6	789.1	162.0	415.7
Zenda city, Kingman County .....	96	146	142	49	63	59	.6	.2	.6	.2	160.0	480.0	81.7	245.0
Zurich city, Rooks County .....	151	185	189	72	73	66	.4	.2	.4	.2	377.5	755.0	180.0	360.0

**Table 10. 1990 Population Rank; Population and Housing Units: 1980 and 1990**

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text]

Place [2,500 or More Persons]	1990 population rank	Population		Housing units		Place [2,500 or More Persons]	1990 population rank	Population		Housing units	
		1990	1980	1990	1980			1990	1980	1990	1980
Wichita city, Sedgwick County -----	1	304 011	r279 838	135 069	r116 953	Concordia city, Cloud County -----	48	6 167	6 847	2 848	2 882
Kansas City city, Wyandotte County -----	2	149 767	r161 148	64 457	r64 493	Ulysses city, Grant County -----	49	5 474	4 653	1 979	1 752
Topeka city, Shawnee County -----	3	119 883	r118 690	54 664	r51 556	Colby city, Thomas County -----	50	5 396	5 544	2 272	2 234
Overland Park city, Johnson County -----	4	111 790	81 784	48 043	31 244	Park City city, Sedgwick County -----	51	5 050	...	1 741	...
Lawrence city, Douglas County -----	5	65 608	52 738	25 893	20 179	Goodland city, Sherman County -----	52	4 983	5 708	2 360	2 404
Olathe city, Johnson County -----	6	63 352	37 258	22 497	13 034	Russell city, Russell County -----	53	4 781	5 427	2 495	2 429
Salina city, Saline County -----	7	42 303	41 843	18 411	17 670	Paola city, Miami County -----	54	4 698	4 557	1 892	1 858
Hutchinson city, Reno County -----	8	39 308	40 284	17 163	17 099	Mulvane city -----	55	4 674	4 254	1 695	1 450
Leavenworth city, Leavenworth County -----	9	38 495	33 656	12 568	11 425	Sedgwick County -----	(NA)	3 466	2 994	1 209	990
Shawnee city, Johnson County -----	10	37 993	29 653	15 217	11 137	Sumner County -----	(NA)	1 208	1 260	486	460
Manhattan city -----	11	37 712	32 644	15 558	13 652	Clay Center city, Clay County -----	56	4 613	4 948	2 213	2 270
Pottawatomie County -----	(NA)	143	162	80	85	Osawatimie city, Miami County -----	57	4 590	4 459	1 844	1 911
Riley County -----	(NA)	37 569	32 482	15 478	13 567	Larned city, Pawnee County -----	58	4 490	4 811	2 231	2 183
Lenexa city, Johnson County -----	12	34 034	18 639	13 496	7 096	Baxter Springs city, Cherokee County -----	59	4 351	r4 730	1 999	r2 076
Emporia city, Lyon County -----	13	25 512	25 287	10 732	10 171	Fairway city, Johnson County -----	60	4 173	4 619	1 863	1 902
Garden City city, Finney County -----	14	24 097	18 256	8 583	6 745	Beloit city, Mitchell County -----	61	4 066	4 367	1 820	1 856
Prairie Village city, Johnson County -----	15	23 186	24 657	10 031	9 672	Andover city, Butler County -----	62	4 047	2 801	1 499	1 052
Dodge City city, Ford County -----	16	21 129	18 001	8 258	7 265	Edwardsville city, Wyandotte County -----	63	3 979	3 364	1 520	1 211
Junction City city, Geary County -----	17	20 604	19 305	8 870	8 153	Scott City city, Scott County -----	64	3 785	4 154	1 692	1 735
Leawood city, Johnson County -----	18	19 693	13 360	7 210	4 845	Wamego city, Pottawatomie County -----	65	3 706	3 159	1 468	1 329
Pittsburg city, Crawford County -----	19	17 775	18 770	8 445	8 494	Bel Aire city, Sedgwick County -----	66	3 695	...	1 280	...
Hays city, Ellis County -----	20	17 767	16 301	7 770	6 853	Lyons city, Rice County -----	67	3 688	r4 134	1 808	r1 826
Newton city, Harvey County -----	21	16 700	16 332	6 955	6 555	Valley Center city, Sedgwick County -----	68	3 624	3 300	1 340	1 153
Liberal city, Seward County -----	22	16 573	14 911	6 663	5 857	Hiawatha city, Brown County -----	69	3 603	3 702	1 623	1 657
Great Bend city, Barton County -----	23	15 427	16 608	7 050	6 879	Mission Hills city, Johnson County -----	70	3 446	3 904	1 333	1 378
Derby city, Sedgwick County -----	24	14 699	9 786	5 002	3 194	Marysville city, Marshall County -----	71	3 359	3 670	1 615	1 627
Coffeyville city, Montgomery County -----	25	12 917	15 185	6 203	6 530	Galena city, Cherokee County -----	72	3 308	3 587	1 442	1 511
Fort Riley North CDP -----	26	12 848	16 086	1 855	2 546	Columbus city, Cherokee County -----	73	3 268	3 426	1 537	1 569
Geary County -----	(NA)	683	1 656	178	416	Oaklawn-Sunview CDP, Sedgwick County -----	74	3 240	...	1 166	...
Riley County -----	(NA)	12 165	14 430	1 677	2 130	Garnett city, Anderson County -----	75	3 210	3 310	1 550	1 529
Arkansas City city, Cowley County -----	27	12 762	13 201	5 774	5 843	Kingman city, Kingman County -----	76	3 196	3 563	1 500	1 598
McPherson city, McPherson County -----	28	12 422	11 753	5 118	4 769	Holton city, Jackson County -----	76	3 196	3 132	1 453	1 443
Winfield city, Cowley County -----	29	11 931	10 736	4 835	4 400	Gardner city, Johnson County -----	78	3 191	2 392	1 251	888
Parsons city, Labette County -----	30	11 924	12 898	5 451	5 428	Hoisington city, Barton County -----	79	3 182	3 678	1 532	1 590
Merriam city, Johnson County -----	31	11 821	10 794	5 366	4 640	Hugoton city, Stevens County -----	80	3 179	3 165	1 360	1 299
El Dorado city, Butler County -----	32	11 504	r11 551	5 241	r5 057	Lindsborg city, McPherson County -----	81	3 076	3 155	1 182	1 117
Ottawa city, Franklin County -----	33	10 667	11 016	4 553	4 572	Norton city, Norton County -----	82	3 017	3 400	1 485	1 538
Atchison city, Atchison County -----	34	10 656	11 407	4 267	4 273	Hesston city, Harvey County -----	83	3 012	3 013	1 014	949
Independence city, Montgomery County -----	35	9 942	10 598	4 735	4 851	Eudora city, Douglas County -----	84	3 006	2 934	1 136	1 040
Mission city, Johnson County -----	36	9 504	8 643	5 239	4 172	Eureka city, Greenwood County -----	85	2 974	3 425	1 630	1 693
Chanute city, Neosho County -----	37	9 488	10 506	4 426	4 542	Baldwin City city, Douglas County -----	86	2 961	2 829	961	941
Wellington city, Sumner County -----	38	8 411	8 212	3 754	3 608	Neodesha city, Wilson County -----	87	2 837	3 414	1 407	1 531
Haysville city, Sedgwick County -----	39	8 364	8 006	2 907	2 502	Phillipsburg city, Phillips County -----	88	2 828	3 229	1 398	1 436
Fort Scott city, Bourbon County -----	40	8 362	8 893	4 034	4 078	Girard city, Crawford County -----	89	2 794	2 888	1 258	1 291
Augusta city, Butler County -----	41	7 876	6 968	3 251	2 734	Burlington city, Coffey County -----	90	2 735	2 901	1 221	1 195
Roeland Park city, Johnson County -----	42	7 706	7 962	3 317	3 316	Hillsboro city, Marion County -----	91	2 704	2 717	1 093	1 074
Lansing city, Leavenworth County -----	43	7 120	5 307	2 012	1 529	Osage City city, Osage County -----	92	2 689	2 667	1 210	1 148
Pratt city, Pratt County -----	44	6 687	6 885	3 209	3 018	Herington city -----	93	2 685	2 930	1 360	1 418
Bonner Springs city -----	45	6 413	6 266	2 509	2 289	Dickinson County -----	(NA)	2 685	2 930	1 360	1 418
Johnson County -----	(NA)	3	...	1	...	Morris County -----	(NA)	...	...	...	...
Wyandotte County -----	(NA)	6 410	6 266	2 508	2 289	Fredonia city, Wilson County -----	94	2 599	3 047	1 354	1 414
Iola city, Allen County -----	46	6 351	6 938	2 886	2 949	Frontenac city, Crawford County -----	95	2 588	2 586	1 134	1 093
Abilene city, Dickinson County -----	47	6 242	6 572	2 856	2 951	Belleville city, Republic County -----	96	2 517	2 805	1 260	1 352
						Anthony city, Harper County -----	97	2 516	2 661	1 257	1 288



Table 11. Population 1990 and 1980; Housing Units and Land Area: 1990

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	1990 population				1980 population				1990 housing units			1990 land area			
	Number of places	Total population	Percent of total population	Percent distribution	Number of places	Total population	Percent of total population	Percent distribution	Total housing units	Percent of total housing units	Percent distribution	Square kilometers	Square miles	Percent of total land area	Percent distribution
The State -----	631	2 477 574	100.0	...	629	2 364 236	100.0	...	1 044 112	100.0	...	211 921.6	81 823.0	100.0	...
<b>Urban -----</b>	<b>105</b>	<b>1 712 564</b>	<b>69.1</b>	<b>100.0</b>	<b>103</b>	<b>1 575 899</b>	<b>66.7</b>	<b>100.0</b>	<b>722 561</b>	<b>69.2</b>	<b>100.0</b>	<b>2 416.0</b>	<b>932.8</b>	<b>1.1</b>	<b>100.0</b>
Inside urbanized area -----	27	1 018 604	41.1	59.5	22	854 553	36.2	54.2	432 369	41.4	59.8	1 424.1	549.9	.7	58.9
Central place -----	5	702 621	28.4	41.0	3	447 276	18.9	28.4	302 580	29.0	41.9	889.2	343.3	.4	36.8
Place of -----															
1,000,000 or more -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500,000 to 999,999 -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999 -----	1	304 011	12.3	17.8	1	279 272	11.8	17.7	135 069	12.9	18.7	298.2	115.1	.1	12.3
100,000 to 249,999 -----	2	269 650	10.9	15.7	1	115 266	4.9	7.3	119 121	11.4	16.5	422.0	163.0	.2	17.5
50,000 to 99,999 -----	2	128 960	5.2	7.5	1	52 738	2.2	3.3	48 390	4.6	6.7	169.0	65.2	.1	7.0
Less than 50,000 -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Urban fringe -----</b>	<b>22</b>	<b>315 983</b>	<b>12.8</b>	<b>18.5</b>	<b>19</b>	<b>407 277</b>	<b>17.2</b>	<b>25.8</b>	<b>129 789</b>	<b>12.4</b>	<b>18.0</b>	<b>534.9</b>	<b>206.5</b>	<b>.3</b>	<b>22.1</b>
Place of 2,500 or more -----	14	283 695	11.5	16.6	12	372 323	15.8	23.6	118 209	11.3	16.4	435.5	168.1	.2	18.0
100,000 or more -----	1	111 790	4.5	6.5	1	161 087	6.8	10.2	48 043	4.6	6.6	144.2	55.7	.1	6.0
50,000 to 99,999 -----	—	—	—	—	1	81 397	3.4	5.2	—	—	—	—	—	—	—
25,000 to 49,999 -----	2	72 027	2.9	4.2	1	29 653	1.3	1.9	28 713	2.7	4.0	183.4	70.8	.1	7.6
10,000 to 24,999 -----	3	54 700	2.2	3.2	4	67 052	2.8	4.3	22 607	2.2	3.1	66.0	25.5	—	2.7
5,000 to 9,999 -----	4	30 624	1.2	1.8	3	24 611	1.0	1.6	13 204	1.3	1.8	26.7	10.3	—	1.1
2,500 to 4,999 -----	4	14 554	.6	.8	2	8 523	.4	.5	5 642	.5	.8	15.1	5.8	—	.6
Place of less than 2,500 -----	8	6 124	.2	.4	7	5 995	.3	.4	2 597	.2	.4	13.6	5.3	—	.6
2,000 to 2,499 -----	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,500 to 1,999 -----	1	1 772	.1	.1	1	1 783	.1	.1	803	.1	.1	1.0	.4	—	—
1,000 to 1,499 -----	1	1 079	—	.1	2	2 362	.1	.1	477	—	.1	5.3	2.0	—	.2
Less than 1,000 -----	6	3 273	.1	.2	4	1 850	.1	.1	1 317	.1	.2	7.3	2.8	—	.3
Other urban -----	...	26 164	1.1	1.5	...	28 959	1.2	1.8	8 983	.9	1.2	85.8	33.1	—	3.6
<b>Outside urbanized area -----</b>	<b>78</b>	<b>693 960</b>	<b>28.0</b>	<b>40.5</b>	<b>81</b>	<b>721 346</b>	<b>30.5</b>	<b>45.8</b>	<b>290 192</b>	<b>27.8</b>	<b>40.2</b>	<b>991.9</b>	<b>383.0</b>	<b>.5</b>	<b>41.1</b>
Place of -----															
25,000 or more -----	5	183 324	7.4	10.7	6	210 972	8.9	13.4	74 429	7.1	10.3	203.1	78.4	.1	8.4
10,000 to 24,999 -----	18	272 402	11.0	15.9	19	272 380	11.5	17.3	110 893	10.6	15.3	348.3	134.5	.2	14.4
5,000 to 9,999 -----	13	93 929	3.8	5.5	13	89 353	3.8	5.7	40 771	3.9	5.6	172.2	66.5	.1	7.1
2,500 to 4,999 -----	42	144 305	5.8	8.4	43	148 641	6.3	9.4	64 099	6.1	8.9	268.3	103.6	.1	11.1
<b>Rural -----</b>	<b>526</b>	<b>765 010</b>	<b>30.9</b>	<b>100.0</b>	<b>526</b>	<b>787 780</b>	<b>33.3</b>	<b>100.0</b>	<b>321 551</b>	<b>30.8</b>	<b>100.0</b>	<b>209 505.6</b>	<b>80 890.2</b>	<b>98.9</b>	<b>100.0</b>
Place of 1,000 to 2,499 -----	102	164 551	6.6	21.5	104	171 201	7.2	21.7	72 608	7.0	22.6	320.7	123.8	.2	.2
2,000 to 2,499 -----	23	51 148	2.1	6.7	27	60 382	2.6	7.7	22 795	2.2	7.1	105.1	40.6	—	.1
1,500 to 1,999 -----	31	53 620	2.2	7.0	28	48 454	2.0	6.2	23 280	2.2	7.2	105.4	40.7	—	.1
1,000 to 1,499 -----	48	59 783	2.4	7.8	49	62 365	2.6	7.9	26 533	2.5	8.3	110.2	42.5	.1	.1
Place of less than 1,000 -----	424	130 868	5.3	17.1	422	142 954	6.0	18.1	62 173	6.0	19.3	426.2	164.6	.2	.2
Other rural -----	...	469 591	19.0	61.4	...	473 625	20.0	60.1	186 770	17.9	58.1	208 758.7	80 601.8	98.5	99.6

Table 12. Urban and Rural Population: 1930 to 1990

[For information concerning historical counts, see "User Notes." For definitions of terms and meanings of symbols, see text]

Size of Place	1990	1980	1970	1960	1950		1940	1930
					Current urban definition	Previous urban definition		
<b>NUMBER OF PLACES</b>								
Urban .....	105	103	100	94	78	68	64	62
Place of 2,500 or more .....	97	96	94	87	69	68	64	62
1,000,000 or more .....	—	—	—	—	—	—	—	—
500,000 to 999,999 .....	—	—	—	—	—	—	—	—
250,000 to 499,999 .....	1	1	1	1	—	—	—	—
100,000 to 249,999 .....	3	2	2	2	2	2	2	2
50,000 to 99,999 .....	2	2	1	—	1	1	1	1
25,000 to 49,999 .....	7	7	6	4	2	2	1	1
10,000 to 24,999 .....	21	23	24	22	20	20	16	16
5,000 to 9,999 .....	17	16	16	17	10	10	12	12
2,500 to 4,999 .....	46	45	44	41	34	33	32	30
Place of less than 2,500 .....	8	7	6	7	9	...	...	...
Rural .....	526	526	532	524	525	533	525	518
Place of 1,000 to 2,499 .....	102	104	95	90	78	82	78	85
Place of less than 1,000 .....	424	422	437	434	447	451	447	433
<b>Cumulative summary:</b>								
Place of—								
1,000,000 or more .....	—	—	—	—	—	—	—	—
500,000 or more .....	—	—	—	—	—	—	—	—
250,000 or more .....	1	1	1	1	—	—	—	—
100,000 or more .....	4	3	3	3	2	2	2	2
50,000 or more .....	6	5	4	3	3	3	3	3
25,000 or more .....	13	12	10	7	5	4	4	4
10,000 or more .....	34	35	34	29	25	25	20	20
5,000 or more .....	51	51	50	46	35	35	32	32
2,500 or more .....	97	96	94	87	69	68	64	62
<b>POPULATION</b>								
Urban .....	1 712 564	1 575 899	1 484 870	1 328 741	993 220	903 468	753 941	729 834
Place of 2,500 or more .....	1 680 276	1 540 945	1 453 803	1 230 582	907 302	903 468	753 941	729 834
1,000,000 or more .....	—	—	—	—	—	—	—	—
500,000 to 999,999 .....	—	—	—	—	—	—	—	—
250,000 to 499,999 .....	304 011	279 272	276 554	254 698	—	—	—	—
100,000 to 249,999 .....	381 440	276 353	293 224	241 385	297 832	297 832	236 424	232 967
50,000 to 99,999 .....	128 960	134 135	75 985	—	78 791	78 791	67 833	64 120
25,000 to 49,999 .....	255 351	240 625	201 157	138 990	59 751	59 751	30 013	27 085
10,000 to 24,999 .....	327 102	339 432	343 956	329 834	278 599	278 599	217 700	216 992
5,000 to 9,999 .....	124 553	113 964	112 223	122 835	71 838	71 838	88 415	81 815
2,500 to 4,999 .....	158 859	157 164	150 704	142 840	120 491	116 657	113 556	106 855
Place of less than 2,500 .....	6 124	5 995	5 812	7 885	9 048	...	...	...
Other urban .....	26 164	28 959	25 255	90 274	76 870	...	...	...
Rural .....	765 010	787 780	761 708	849 870	912 079	1 001 831	1 047 087	1 151 165
Place of 1,000 to 2,499 .....	164 551	171 201	154 671	144 631	129 310	134 921	121 239	128 625
Place of less than 1,000 .....	130 868	142 954	145 521	148 798	165 674	167 863	172 953	175 772
Other rural .....	469 591	473 625	461 516	556 441	617 095	699 047	752 895	846 768
<b>PERCENT OF TOTAL POPULATION</b>								
Urban .....	69.1	66.7	66.1	61.0	52.1	47.4	41.9	38.8
Place of 2,500 or more .....	67.8	65.2	64.7	56.5	47.6	47.4	41.9	38.8
1,000,000 or more .....	—	—	—	—	—	—	—	—
500,000 to 999,999 .....	—	—	—	—	—	—	—	—
250,000 to 499,999 .....	12.3	11.8	12.3	11.7	—	—	—	—
100,000 to 249,999 .....	15.4	11.7	13.1	11.1	15.6	15.6	13.1	12.4
50,000 to 99,999 .....	5.2	5.7	3.4	—	4.1	4.1	3.8	3.4
25,000 to 49,999 .....	10.3	10.2	9.0	6.4	3.1	3.1	1.7	1.4
10,000 to 24,999 .....	13.2	14.4	15.3	15.1	14.6	14.6	12.1	11.5
5,000 to 9,999 .....	5.0	4.8	5.0	5.6	3.8	3.8	4.9	4.3
2,500 to 4,999 .....	6.4	6.6	6.7	6.6	6.3	6.1	6.3	5.7
Place of less than 2,500 .....	.2	.3	.3	.4	.5	...	...	...
Other urban .....	1.1	1.2	1.1	4.1	4.0	...	...	...
Rural .....	30.9	33.3	33.9	39.0	47.9	52.6	58.1	61.2
Place of 1,000 to 2,499 .....	6.6	7.2	6.9	6.6	6.8	7.1	6.7	6.8
Place of less than 1,000 .....	5.3	6.0	6.5	6.8	8.7	8.8	9.6	9.3
Other rural .....	19.0	20.0	20.5	25.5	32.4	36.7	41.8	45.0



Table 13. Population Inside and Outside Metropolitan Area by Urban and Rural and Size of Place: 1990—Con.

[Portions of certain cities may be classified as rural (see "Extended City" in Appendix A). Place partly outside a metropolitan area is counted where larger part of population is located; population, however, is tabulated where located. For definitions of terms and meanings of symbols, see text]

State Inside Metropolitan Area Outside Metropolitan Area	Total population	In place												Not in place
		Total		Incorporated place						Census designated place				
		Number of places	Population	Total		Central city of metropolitan area		Other		Total		Central city of metropolitan area		
				Number of places	Population	Number of places	Population	Number of places	Population	Number of places	Population	Number of places	Population	
<b>INSIDE METROPOLITAN AREA—Con.</b>														
Outside urbanized area .....	139 381	17	139 381	17	139 381	1	38 495	16	100 886	—	—	—	—	...
Place of—														
25,000 or more .....	38 495	1	38 495	1	38 495	1	38 495	—	—	—	—	—	—	...
10,000 to 24,999 .....	42 903	3	42 903	3	42 903	—	—	3	42 903	—	—	—	—	...
5,000 to 9,999 .....	21 409	3	21 409	3	21 409	—	—	3	21 409	—	—	—	—	...
2,500 to 4,999 .....	36 574	10	36 574	10	36 574	—	—	10	36 574	—	—	—	—	...
Rural .....	176 043	39	41 312	39	41 312	—	—	39	41 312	—	—	—	—	134 731
Place of 1,000 to 2,499 .....	32 045	19	32 045	19	32 045	—	—	19	32 045	—	—	—	—	...
2,000 to 2,499 .....	11 243	5	11 243	5	11 243	—	—	5	11 243	—	—	—	—	...
1,500 to 1,999 .....	12 036	7	12 036	7	12 036	—	—	7	12 036	—	—	—	—	...
1,000 to 1,499 .....	8 766	7	8 766	7	8 766	—	—	7	8 766	—	—	—	—	...
Place of less than 1,000 .....	9 267	20	9 267	20	9 267	—	—	20	9 267	—	—	—	—	...
Other rural .....	134 731	...	...	...	...	...	...	...	...	...	...	...	...	134 731
<b>OUTSIDE METROPOLITAN AREA</b>														
Total .....	1 144 646	549	809 771	546	794 844	...	...	546	794 844	3	14 927	...	...	334 875
Urban .....	555 679	62	555 658	61	542 810	...	...	61	542 810	1	12 848	...	...	21
Inside urbanized area .....	1 100	1	1 079	1	1 079	...	...	1	1 079	—	—	...	...	21
Central place .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Place of—						...	...	...	...	...	...	...	...	...
1,000,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
500,000 to 999,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
250,000 to 499,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
100,000 to 249,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
50,000 to 99,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Less than 50,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Urban fringe .....	1 100	1	1 079	1	1 079	...	...	1	1 079	—	—	...	...	21
Place of 2,500 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
100,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
50,000 to 99,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
25,000 to 49,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
10,000 to 24,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
5,000 to 9,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
2,500 to 4,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Place of less than 2,500 .....	1 079	1	1 079	1	1 079	...	...	1	1 079	—	—	...	...	...
2,000 to 2,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,500 to 1,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,000 to 1,499 .....	1 079	1	1 079	1	1 079	...	...	1	1 079	—	—	...	...	...
Less than 1,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Other urban .....	21	...	...	...	...	...	...	...	...	...	...	...	...	21
Outside urbanized area .....	554 579	61	554 579	60	541 731	...	...	60	541 731	1	12 848	...	...	...
Place of—						...	...	...	...	...	...	...	...	...
25,000 or more .....	144 829	4	144 829	4	144 829	...	...	4	144 829	—	—	...	...	...
10,000 to 24,999 .....	229 499	15	229 499	14	216 651	...	...	14	216 651	1	12 848	...	...	...
5,000 to 9,999 .....	72 520	10	72 520	10	72 520	...	...	10	72 520	—	—	...	...	...
2,500 to 4,999 .....	107 731	32	107 731	32	107 731	...	...	32	107 731	—	—	...	...	...
Rural .....	588 967	487	254 113	485	252 034	...	...	485	252 034	2	2 079	...	...	334 854
Place of 1,000 to 2,499 .....	132 506	83	132 506	82	130 539	...	...	82	130 539	1	1 967	...	...	...
2,000 to 2,499 .....	39 905	18	39 905	18	39 905	...	...	18	39 905	—	—	...	...	...
1,500 to 1,999 .....	41 584	24	41 584	23	39 617	...	...	23	39 617	1	1 967	...	...	...
1,000 to 1,499 .....	51 017	41	51 017	41	51 017	...	...	41	51 017	—	—	...	...	...
Place of less than 1,000 .....	121 601	404	121 601	403	121 489	...	...	403	121 489	1	112	...	...	...
Other rural .....	334 860	...	6	...	6	...	...	...	6	...	...	...	...	334 854



Table 14. Housing Units Inside and Outside Metropolitan Area by Urban and Rural and Size of Place: 1990—Con.

[Portions of certain cities may be classified as rural (see "Extended City" in Appendix A). Place partly outside a metropolitan area is counted where larger part of population is located; housing units, however, are tabulated where located. For definitions of terms and meanings of symbols, see text

State Inside Metropolitan Area Outside Metropolitan Area	All housing units	In place												Not in place
		Total		Incorporated place						Census designated place				
		Number of places	Housing units	Total		Central city of metropolitan area		Other		Total		Central city of metropolitan area		
				Number of places	Housing units	Number of places	Housing units	Number of places	Housing units	Number of places	Housing units	Number of places	Housing units	
<b>INSIDE METROPOLITAN AREA—Con.</b>														
Outside urbanized area .....	51 204	17	51 204	17	51 204	1	12 568	16	38 636	—	—	—	—	...
Place of—														
25,000 or more .....	12 568	1	12 568	1	12 568	1	12 568	—	—	—	—	—	—	...
10,000 to 24,999 .....	17 198	3	17 198	3	17 198	—	—	3	17 198	—	—	—	—	...
5,000 to 9,999 .....	7 772	3	7 772	3	7 772	—	—	3	7 772	—	—	—	—	...
2,500 to 4,999 .....	13 666	10	13 666	10	13 666	—	—	10	13 666	—	—	—	—	...
Rural .....	<b>63 701</b>	<b>39</b>	<b>15 322</b>	<b>39</b>	<b>15 322</b>	—	—	<b>39</b>	<b>15 322</b>	—	—	—	—	<b>48 379</b>
Place of 1,000 to 2,499 .....	11 688	19	11 688	19	11 688	—	—	19	11 688	—	—	—	—	...
2,000 to 2,499 .....	4 108	5	4 108	5	4 108	—	—	5	4 108	—	—	—	—	...
1,500 to 1,999 .....	4 469	7	4 469	7	4 469	—	—	7	4 469	—	—	—	—	...
1,000 to 1,499 .....	3 111	7	3 111	7	3 111	—	—	7	3 111	—	—	—	—	...
Place of less than 1,000 .....	3 634	20	3 634	20	3 634	—	—	20	3 634	—	—	—	—	...
Other rural .....	48 379	...	—	...	—	...	—	...	—	...	...	...	...	48 379
<b>OUTSIDE METROPOLITAN AREA</b>														
Total .....	497 326	549	358 927	546	356 597	...	...	546	356 597	3	2 330	...	...	138 399
Urban .....	<b>239 476</b>	<b>62</b>	<b>239 465</b>	<b>61</b>	<b>237 610</b>	...	...	<b>61</b>	<b>237 610</b>	<b>1</b>	<b>1 855</b>	...	...	<b>11</b>
Inside urbanized area .....	488	1	477	1	477	...	...	1	477	—	—	...	...	11
Central place .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Place of—														
1,000,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
500,000 to 999,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
250,000 to 499,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
100,000 to 249,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
50,000 to 99,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Less than 50,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Urban fringe .....	488	1	477	1	477	...	...	1	477	—	—	...	...	11
Place of 2,500 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
100,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
50,000 to 99,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
25,000 to 49,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
10,000 to 24,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
5,000 to 9,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
2,500 to 4,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Place of less than 2,500 .....	477	1	477	1	477	...	...	1	477	—	—	...	...	...
2,000 to 2,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,500 to 1,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,000 to 1,499 .....	477	1	477	1	477	...	...	1	477	—	—	...	...	...
Less than 1,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Other urban .....	11	...	...	...	...	...	...	...	...	...	...	...	...	11
Outside urbanized area .....	238 988	61	238 988	60	237 133	...	...	60	237 133	1	1 855	...	...	...
Place of—														
25,000 or more .....	61 861	4	61 861	4	61 861	...	...	4	61 861	—	—	...	...	...
10,000 to 24,999 .....	93 695	15	93 695	14	91 840	...	...	14	91 840	1	1 855	...	...	...
5,000 to 9,999 .....	32 999	10	32 999	10	32 999	...	...	10	32 999	—	—	...	...	...
2,500 to 4,999 .....	50 433	32	50 433	32	50 433	...	...	32	50 433	—	—	...	...	...
Rural .....	<b>257 850</b>	<b>487</b>	<b>119 462</b>	<b>485</b>	<b>118 987</b>	...	...	<b>485</b>	<b>118 987</b>	<b>2</b>	<b>475</b>	...	...	<b>138 388</b>
Place of 1,000 to 2,499 .....	60 920	83	60 920	82	60 462	...	...	82	60 462	1	458	...	...	...
2,000 to 2,499 .....	18 687	18	18 687	18	18 687	...	...	18	18 687	—	—	...	...	...
1,500 to 1,999 .....	18 811	24	18 811	23	18 353	...	...	23	18 353	1	458	...	...	...
1,000 to 1,499 .....	23 422	41	23 422	41	23 422	...	...	41	23 422	—	—	...	...	...
Place of less than 1,000 .....	58 539	404	58 539	403	58 522	...	...	403	58 522	1	17	...	...	...
Other rural .....	138 391	...	3	...	3	...	...	...	3	...	...	...	...	138 388



Table 15. Land Area in Square Kilometers Inside and Outside Metropolitan Area by Urban and Rural and Size of Place: 1990—Con.

[Portions of certain cities may be classified as rural (see "Extended City" in Appendix A). Place partly outside a metropolitan area is counted where larger part of population is located; land area, however, is tabulated where located. For definitions of terms and meanings of symbols, see text]

State Inside Metropolitan Area Outside Metropolitan Area	All land area	In place												Not in place
		Total		Incorporated place						Census designated place				
		Number of places	Land area	Total		Central city of metropolitan area		Other		Total		Central city of metropolitan area		
				Number of places	Land area	Number of places	Land area	Number of places	Land area	Number of places	Land area	Number of places	Land area	
<b>INSIDE METROPOLITAN AREA—Con.</b>														
Outside urbanized area .....	254.4	17	254.4	17	254.4	1	58.8	16	195.6	—	—	—	—	...
Place of—														
25,000 or more .....	58.8	1	58.8	1	58.8	1	58.8	—	—	—	—	—	—	...
10,000 to 24,999 .....	48.1	3	48.1	3	48.1	—	—	3	48.1	—	—	—	—	...
5,000 to 9,999 .....	70.3	3	70.3	3	70.3	—	—	3	70.3	—	—	—	—	...
2,500 to 4,999 .....	77.3	10	77.3	10	77.3	—	—	10	77.3	—	—	—	—	...
Rural .....	12 941.8	39	88.9	39	88.9	—	—	39	88.9	—	—	—	—	12 852.9
Place of 1,000 to 2,499 .....	71.2	19	71.2	19	71.2	—	—	19	71.2	—	—	—	—	...
2,000 to 2,499 .....	34.8	5	34.8	5	34.8	—	—	5	34.8	—	—	—	—	...
1,500 to 1,999 .....	25.8	7	25.8	7	25.8	—	—	7	25.8	—	—	—	—	...
1,000 to 1,499 .....	10.5	7	10.5	7	10.5	—	—	7	10.5	—	—	—	—	...
Place of less than 1,000 .....	17.7	20	17.7	20	17.7	—	—	20	17.7	—	—	—	—	...
Other rural .....	12 852.9	...	...	...	...	...	...	...	...	...	...	...	...	12 852.9
<b>OUTSIDE METROPOLITAN AREA</b>														
Total .....	197 306.5	549	1 416.9	546	1 395.8	...	...	546	1 395.8	3	21.1	...	...	195 889.7
Urban .....	742.7	62	742.7	61	729.5	...	...	61	729.5	1	13.2	...	...	—
Inside urbanized area .....	5.3	1	5.3	1	5.3	...	...	1	5.3	—	—	...	...	—
Central place .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Place of—														
1,000,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
500,000 to 999,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
250,000 to 499,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
100,000 to 249,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
50,000 to 99,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Less than 50,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Urban fringe .....	5.3	1	5.3	1	5.3	...	...	1	5.3	—	—	...	...	—
Place of 2,500 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
100,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
50,000 to 99,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
25,000 to 49,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
10,000 to 24,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
5,000 to 9,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
2,500 to 4,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Place of less than 2,500 .....	5.3	1	5.3	1	5.3	...	...	1	5.3	—	—	...	...	...
2,000 to 2,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,500 to 1,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,000 to 1,499 .....	5.3	1	5.3	1	5.3	...	...	1	5.3	—	—	...	...	...
Less than 1,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Other urban .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Outside urbanized area .....	737.5	61	737.5	60	724.2	...	...	60	724.2	1	13.2	...	...	...
Place of—														
25,000 or more .....	144.3	4	144.3	4	144.3	...	...	4	144.3	—	—	...	...	...
10,000 to 24,999 .....	300.2	15	300.2	14	287.0	...	...	14	287.0	1	13.2	...	...	...
5,000 to 9,999 .....	101.9	10	101.9	10	101.9	...	...	10	101.9	—	—	...	...	...
2,500 to 4,999 .....	191.0	32	191.0	32	191.0	...	...	32	191.0	—	—	...	...	...
Rural .....	196 563.8	487	674.2	485	666.3	...	...	485	666.3	2	7.8	...	...	195 889.7
Place of 1,000 to 2,499 .....	249.5	83	249.5	82	243.5	...	...	82	243.5	1	6.0	...	...	...
2,000 to 2,499 .....	70.3	18	70.3	18	70.3	...	...	18	70.3	—	—	...	...	...
1,500 to 1,999 .....	79.6	24	79.6	23	73.6	...	...	23	73.6	1	6.0	...	...	...
1,000 to 1,499 .....	99.7	41	99.7	41	99.7	...	...	41	99.7	—	—	...	...	...
Place of less than 1,000 .....	408.5	404	408.5	403	406.7	...	...	403	406.7	1	1.8	...	...	...
Other rural .....	195 905.8	...	16.1	...	16.1	...	...	...	16.1	...	...	...	...	195 889.7





Table 16. Land Area in Square Miles Inside and Outside Metropolitan Area by Urban and Rural and Size of Place: 1990—Con.

[Portions of certain cities may be classified as rural (see "Extended City" in Appendix A). Place partly outside a metropolitan area is counted where larger part of population is located; land area, however, is tabulated where located. For definitions of terms and meanings of symbols, see text]

State Inside Metropolitan Area Outside Metropolitan Area	All land area	In place												Not in place
		Total		Incorporated place						Census designated place				
		Number of places	Land area	Total		Central city of metropolitan area		Other		Total		Central city of metropolitan area		
				Number of places	Land area	Number of places	Land area	Number of places	Land area	Number of places	Land area	Number of places	Land area	
<b>INSIDE METROPOLITAN AREA—Con.</b>														
Outside urbanized area .....	98.2	17	98.2	17	98.2	1	22.7	16	75.5	—	—	—	—	...
Place of—														
25,000 or more .....	22.7	1	22.7	1	22.7	1	22.7	—	—	—	—	—	—	...
10,000 to 24,999 .....	18.6	3	18.6	3	18.6	—	—	3	18.6	—	—	—	—	...
5,000 to 9,999 .....	27.1	3	27.1	3	27.1	—	—	3	27.1	—	—	—	—	...
2,500 to 4,999 .....	29.8	10	29.8	10	29.8	—	—	10	29.8	—	—	—	—	...
Rural .....	<b>4 996.8</b>	<b>39</b>	<b>34.3</b>	<b>39</b>	<b>34.3</b>	—	—	<b>39</b>	<b>34.3</b>	—	—	—	—	<b>4 962.5</b>
Place of 1,000 to 2,499 .....	27.5	19	27.5	19	27.5	—	—	19	27.5	—	—	—	—	...
2,000 to 2,499 .....	13.4	5	13.4	5	13.4	—	—	5	13.4	—	—	—	—	...
1,500 to 1,999 .....	10.0	7	10.0	7	10.0	—	—	7	10.0	—	—	—	—	...
1,000 to 1,499 .....	4.1	7	4.1	7	4.1	—	—	7	4.1	—	—	—	—	...
Place of less than 1,000 .....	6.8	20	6.8	20	6.8	—	—	20	6.8	—	—	—	—	...
Other rural .....	4 962.5	...	...	...	...	...	...	...	...	...	...	...	...	4 962.5
<b>OUTSIDE METROPOLITAN AREA</b>														
Total .....	76 180.1	549	547.1	546	538.9	...	...	546	538.9	3	8.1	...	...	75 633.1
Urban .....	<b>286.8</b>	<b>62</b>	<b>286.8</b>	<b>61</b>	<b>281.7</b>	...	...	<b>61</b>	<b>281.7</b>	<b>1</b>	<b>5.1</b>	...	...	—
Inside urbanized area .....	2.0	1	2.0	1	2.0	...	...	1	2.0	—	—	...	...	—
Central place .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Place of—														
1,000,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
500,000 to 999,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
250,000 to 499,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
100,000 to 249,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
50,000 to 99,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Less than 50,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Urban fringe .....	2.0	1	2.0	1	2.0	...	...	1	2.0	—	—	...	...	—
Place of 2,500 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
100,000 or more .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
50,000 to 99,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
25,000 to 49,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
10,000 to 24,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
5,000 to 9,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
2,500 to 4,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Place of less than 2,500 .....	2.0	1	2.0	1	2.0	...	...	1	2.0	—	—	...	...	...
2,000 to 2,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,500 to 1,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,000 to 1,499 .....	2.0	1	2.0	1	2.0	...	...	1	2.0	—	—	...	...	...
Less than 1,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
Other urban .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Outside urbanized area .....	284.7	61	284.7	60	279.6	...	...	60	279.6	1	5.1	...	...	...
Place of—														
25,000 or more .....	55.7	4	55.7	4	55.7	...	...	4	55.7	—	—	...	...	...
10,000 to 24,999 .....	115.9	15	115.9	14	110.8	...	...	14	110.8	1	5.1	...	...	...
5,000 to 9,999 .....	39.4	10	39.4	10	39.4	...	...	10	39.4	—	—	...	...	...
2,500 to 4,999 .....	73.7	32	73.7	32	73.7	...	...	32	73.7	—	—	...	...	...
Rural .....	<b>75 893.4</b>	<b>487</b>	<b>260.3</b>	<b>485</b>	<b>257.3</b>	...	...	<b>485</b>	<b>257.3</b>	<b>2</b>	<b>3.0</b>	...	...	<b>75 633.1</b>
Place of 1,000 to 2,499 .....	96.3	83	96.3	82	94.0	...	...	82	94.0	1	2.3	...	...	...
2,000 to 2,499 .....	27.1	18	27.1	18	27.1	...	...	18	27.1	—	—	...	...	...
1,500 to 1,999 .....	30.7	24	30.7	23	28.4	...	...	23	28.4	1	2.3	...	...	...
1,000 to 1,499 .....	38.5	41	38.5	41	38.5	...	...	41	38.5	—	—	...	...	...
Place of less than 1,000 .....	157.7	404	157.7	403	157.0	...	...	403	157.0	1	.7	...	...	...
Other rural .....	75 639.3	...	6.2	...	6.2	...	...	...	6.2	...	...	...	...	75 633.1

Table 17. Population Inside and Outside Metropolitan Area by Size of Place: 1990

[Place partly outside a metropolitan area is counted where larger part of population is located; population, however, is tabulated where located. For definitions of terms and meanings of symbols, see text.]

State Inside Metropolitan Area Outside Metropolitan Area	Total popula- tion	In place										Not in place		
		Total		Incorporated place				Census designated place						
		Number of places	Population	Total		Central city of metropolitan area		Other		Total			Central city of metropolitan area	
				Number of places	Population	Number of places	Population	Number of places	Population	Number of places	Population		Number of places	Population
<b>THE STATE</b>														
Total .....	2 477 574	631	1 981 825	627	1 963 658	6	741 116	621	1 222 542	4	18 167	—	—	495 749
In place .....	1 981 825	631	1 981 825	627	1 963 658	6	741 116	621	1 222 542	4	18 167	—	—	...
Place of —														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 to 499,999 .....	304 011	1	304 011	1	304 011	1	304 011	—	—	—	—	—	—	...
100,000 to 249,999 .....	381 440	3	381 440	3	381 440	2	269 650	1	111 790	—	—	—	—	...
50,000 to 99,999 .....	128 960	2	128 960	2	128 960	2	128 960	—	—	—	—	—	—	...
25,000 to 49,999 .....	255 357	7	255 357	7	255 357	1	38 495	6	216 862	—	—	—	—	...
10,000 to 24,999 .....	327 102	21	327 102	20	314 254	—	—	20	314 254	1	12 848	—	—	...
5,000 to 9,999 .....	124 553	17	124 553	17	124 553	...	...	17	124 553	—	—	...	...	...
2,500 to 4,999 .....	158 859	46	158 859	45	155 619	...	...	45	155 619	1	3 240	...	...	...
2,000 to 2,499 .....	51 148	23	51 148	23	51 148	...	...	23	51 148	—	—	...	...	...
1,500 to 1,999 .....	55 392	32	55 392	31	53 425	...	...	31	53 425	1	1 967	...	...	...
1,000 to 1,499 .....	60 862	49	60 862	49	60 862	...	...	49	60 862	—	—	...	...	...
500 to 999 .....	64 609	91	64 609	91	64 609	...	...	91	64 609	—	—	...	...	...
200 to 499 .....	46 904	140	46 904	140	46 904	...	...	140	46 904	—	—	...	...	...
Less than 200 .....	22 628	199	22 628	198	22 516	...	...	198	22 516	1	112	...	...	...
<b>Cumulative summary:</b>														
Place of —														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 or more .....	304 011	1	304 011	1	304 011	1	304 011	—	—	—	—	—	—	...
100,000 or more .....	685 451	4	685 451	4	685 451	3	573 661	1	111 790	—	—	—	—	...
50,000 or more .....	814 411	6	814 411	6	814 411	5	702 621	1	111 790	—	—	—	—	...
25,000 or more .....	1 069 768	13	1 069 768	13	1 069 768	6	741 116	7	328 652	—	—	—	—	...
10,000 or more .....	1 396 870	34	1 396 870	33	1 384 022	6	741 116	27	642 906	1	12 848	—	—	...
5,000 or more .....	1 521 423	51	1 521 423	50	1 508 575	6	741 116	44	767 459	1	12 848	—	—	...
2,500 or more .....	1 680 282	97	1 680 282	95	1 664 194	6	741 116	89	923 078	2	16 088	—	—	...
2,000 or more .....	1 731 430	120	1 731 430	118	1 715 342	6	741 116	112	974 226	2	16 088	—	—	...
1,500 or more .....	1 786 822	152	1 786 822	149	1 768 767	6	741 116	143	1 027 651	3	18 055	—	—	...
1,000 or more .....	1 847 684	201	1 847 684	198	1 829 629	6	741 116	192	1 088 513	3	18 055	—	—	...
500 or more .....	1 912 293	292	1 912 293	289	1 894 238	6	741 116	283	1 153 122	3	18 055	—	—	...
200 or more .....	1 959 197	432	1 959 197	429	1 941 142	6	741 116	423	1 200 026	3	18 055	—	—	...
Not in place .....	495 749	...	...	...	...	...	...	...	...	...	...	...	...	495 749
<b>INSIDE METROPOLITAN AREA</b>														
Total .....	1 332 928	82	1 172 054	81	1 168 814	6	741 116	75	427 698	1	3 240	—	—	160 874
In place .....	1 172 054	82	1 172 054	81	1 168 814	6	741 116	75	427 698	1	3 240	—	—	...
Place of —														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 to 499,999 .....	304 011	1	304 011	1	304 011	1	304 011	—	—	—	—	—	—	...
100,000 to 249,999 .....	381 440	3	381 440	3	381 440	2	269 650	1	111 790	—	—	—	—	...
50,000 to 99,999 .....	128 960	2	128 960	2	128 960	2	128 960	—	—	—	—	—	—	...
25,000 to 49,999 .....	110 522	3	110 522	3	110 522	1	38 495	2	72 027	—	—	—	—	...
10,000 to 24,999 .....	97 603	6	97 603	6	97 603	—	—	6	97 603	—	—	—	—	...
5,000 to 9,999 .....	52 033	7	52 033	7	52 033	...	...	7	52 033	—	—	...	...	...
2,500 to 4,999 .....	51 128	14	51 128	13	47 888	...	...	13	47 888	1	3 240	...	...	...
2,000 to 2,499 .....	11 243	5	11 243	5	11 243	...	...	5	11 243	—	—	...	...	...
1,500 to 1,999 .....	13 808	8	13 808	8	13 808	...	...	8	13 808	—	—	...	...	...
1,000 to 1,499 .....	8 766	7	8 766	7	8 766	...	...	7	8 766	—	—	...	...	...
500 to 999 .....	8 950	12	8 950	12	8 950	...	...	12	8 950	—	—	...	...	...
200 to 499 .....	2 543	7	2 543	7	2 543	...	...	7	2 543	—	—	...	...	...
Less than 200 .....	1 047	7	1 047	7	1 047	...	...	7	1 047	—	—	...	...	...



Table 18. Housing Units Inside and Outside Metropolitan Area by Size of Place: 1990

[Place partly outside a metropolitan area is counted where larger part of population is located; housing units, however, are tabulated where located. For definitions of terms and meanings of symbols, see text]

State Inside Metropolitan Area Outside Metropolitan Area	All housing units	In place												Not in place		
		Total		Incorporated place						Census designated place						
		Number of places	Housing units	Total		Central city of metropolitan area		Other		Total		Central city of metropolitan area				
				Number of places	Housing units	Number of places	Housing units	Number of places	Housing units	Number of places	Housing units	Number of places	Housing units			
<b>THE STATE</b>																
Total .....	1 044 112	631	848 362	627	844 866	6	315 148	621	529 718	4	3 496	—	—	195 750		
In place .....	<b>848 362</b>	<b>631</b>	<b>848 362</b>	<b>627</b>	<b>844 866</b>	<b>6</b>	<b>315 148</b>	<b>621</b>	<b>529 718</b>	<b>4</b>	<b>3 496</b>	—	—	...		
Place of—																
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
250,000 to 499,999 .....	135 069	1	135 069	1	135 069	1	135 069	—	—	—	—	—	—	—	—	
100,000 to 249,999 .....	167 164	3	167 164	3	167 164	2	119 121	1	48 043	—	—	—	—	—	—	
50,000 to 99,999 .....	48 390	2	48 390	2	48 390	2	48 390	—	—	—	—	—	—	—	—	
25,000 to 49,999 .....	103 145	7	103 145	7	103 145	1	12 568	6	90 577	—	—	—	—	—	—	
10,000 to 24,999 .....	133 500	21	133 500	20	131 645	—	—	20	131 645	1	1 855	—	—	—	—	
5,000 to 9,999 .....	53 975	17	53 975	17	53 975	—	—	17	53 975	—	—	—	—	—	—	
2,500 to 4,999 .....	69 741	46	69 741	45	68 575	—	—	45	68 575	1	1 166	—	—	—	—	
2,000 to 2,499 .....	22 795	23	22 795	23	22 795	—	—	23	22 795	—	—	—	—	—	—	
1,500 to 1,999 .....	24 083	32	24 083	31	23 625	—	—	31	23 625	1	458	—	—	—	—	
1,000 to 1,499 .....	27 010	49	27 010	49	27 010	—	—	49	27 010	—	—	—	—	—	—	
500 to 999 .....	28 541	91	28 541	91	28 541	—	—	91	28 541	—	—	—	—	—	—	
200 to 499 .....	22 947	140	22 947	140	22 947	—	—	140	22 947	—	—	—	—	—	—	
Less than 200 .....	12 002	199	12 002	198	11 985	—	—	198	11 985	1	17	—	—	—	—	
<b>Cumulative summary:</b>																
Place of—																
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
500,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
250,000 or more .....	135 069	1	135 069	1	135 069	1	135 069	—	—	—	—	—	—	—	—	
100,000 or more .....	302 233	4	302 233	4	302 233	3	254 190	1	48 043	—	—	—	—	—	—	
50,000 or more .....	350 623	6	350 623	6	350 623	5	302 580	1	48 043	—	—	—	—	—	—	
25,000 or more .....	453 768	13	453 768	13	453 768	6	315 148	7	138 620	—	—	—	—	—	—	
10,000 or more .....	587 268	34	587 268	33	585 413	6	315 148	27	270 265	1	1 855	—	—	—	—	
5,000 or more .....	641 243	51	641 243	50	639 388	6	315 148	44	324 240	1	1 855	—	—	—	—	
2,500 or more .....	710 984	97	710 984	95	707 963	6	315 148	89	392 815	2	3 021	—	—	—	—	
2,000 or more .....	733 779	120	733 779	118	730 758	6	315 148	112	415 610	2	3 021	—	—	—	—	
1,500 or more .....	757 862	152	757 862	149	754 383	6	315 148	143	439 235	3	3 479	—	—	—	—	
1,000 or more .....	784 872	201	784 872	198	781 393	6	315 148	192	466 245	3	3 479	—	—	—	—	
500 or more .....	813 413	292	813 413	289	809 934	6	315 148	283	494 786	3	3 479	—	—	—	—	
200 or more .....	836 360	432	836 360	429	832 881	6	315 148	423	517 733	3	3 479	—	—	—	—	
Not in place .....	<b>195 750</b>	...	...	...	...	...	...	...	...	...	...	...	...	<b>195 750</b>		
<b>INSIDE METROPOLITAN AREA</b>																
Total .....	546 786	82	489 435	81	488 269	6	315 148	75	173 121	1	1 166	—	—	57 351		
In place .....	<b>489 435</b>	<b>82</b>	<b>489 435</b>	<b>81</b>	<b>488 269</b>	<b>6</b>	<b>315 148</b>	<b>75</b>	<b>173 121</b>	<b>1</b>	<b>1 166</b>	—	—	...		
Place of—																
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
250,000 to 499,999 .....	135 069	1	135 069	1	135 069	1	135 069	—	—	—	—	—	—	—	—	
100,000 to 249,999 .....	167 164	3	167 164	3	167 164	2	119 121	1	48 043	—	—	—	—	—	—	
50,000 to 99,999 .....	48 390	2	48 390	2	48 390	2	48 390	—	—	—	—	—	—	—	—	
25,000 to 49,999 .....	41 281	3	41 281	3	41 281	1	12 568	2	28 713	—	—	—	—	—	—	
10,000 to 24,999 .....	39 805	6	39 805	6	39 805	—	—	6	39 805	—	—	—	—	—	—	
5,000 to 9,999 .....	20 976	7	20 976	7	20 976	—	—	7	20 976	—	—	—	—	—	—	
2,500 to 4,999 .....	19 308	14	19 308	13	18 142	—	—	13	18 142	1	1 166	—	—	—	—	
2,000 to 2,499 .....	4 108	5	4 108	5	4 108	—	—	5	4 108	—	—	—	—	—	—	
1,500 to 1,999 .....	5 272	8	5 272	8	5 272	—	—	8	5 272	—	—	—	—	—	—	
1,000 to 1,499 .....	3 111	7	3 111	7	3 111	—	—	7	3 111	—	—	—	—	—	—	
500 to 999 .....	3 390	12	3 390	12	3 390	—	—	12	3 390	—	—	—	—	—	—	
200 to 499 .....	1 100	7	1 100	7	1 100	—	—	7	1 100	—	—	—	—	—	—	
Less than 200 .....	461	7	461	7	461	—	—	7	461	—	—	—	—	—	—	



Table 19. Land Area in Square Kilometers Inside and Outside Metropolitan Area by Size of Place: 1990

[Place partly outside a metropolitan area is counted where larger part of population is located; land area, however, is tabulated where located. For definitions of terms and meanings of symbols, see text]

State Inside Metropolitan Area Outside Metropolitan Area	All land area	In place												Not in place
		Total		Incorporated place						Census designated place				
		Number of places	Land area	Total		Central city of metropolitan area		Other		Total		Central city of metropolitan area		
				Number of places	Land area	Number of places	Land area	Number of places	Land area	Number of places	Land area	Number of places	Land area	
<b>THE STATE</b>														
Total .....	211 921.6	631	3 093.2	627	3 070.8	6	948.0	621	2 122.7	4	22.5	—	—	208 828.4
In place .....	<b>3 093.2</b>	<b>631</b>	<b>3 093.2</b>	<b>627</b>	<b>3 070.8</b>	<b>6</b>	<b>948.0</b>	<b>621</b>	<b>2 122.7</b>	<b>4</b>	<b>22.5</b>	—	—	...
Place of —														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 to 499,999 .....	298.2	1	298.2	1	298.2	1	298.2	—	—	—	—	—	—	...
100,000 to 249,999 .....	566.3	3	566.3	3	566.3	2	422.0	1	144.2	—	—	—	—	...
50,000 to 99,999 .....	169.0	2	169.0	2	169.0	2	169.0	—	—	—	—	—	—	...
25,000 to 49,999 .....	402.6	7	402.6	7	402.6	1	58.8	6	343.8	—	—	—	—	...
10,000 to 24,999 .....	414.3	21	414.3	20	401.1	—	—	20	401.1	1	13.2	—	—	...
5,000 to 9,999 .....	198.9	17	198.9	17	198.9	...	...	17	198.9	—	—	...	...	...
2,500 to 4,999 .....	283.4	46	283.4	45	282.0	...	...	45	282.0	1	1.4	...	...	...
2,000 to 2,499 .....	105.1	23	105.1	23	105.1	...	...	23	105.1	—	—	...	...	...
1,500 to 1,999 .....	106.5	32	106.5	31	100.4	...	...	31	100.4	1	6.0	...	...	...
1,000 to 1,499 .....	115.5	49	115.5	49	115.5	...	...	49	115.5	—	—	...	...	...
500 to 999 .....	151.0	91	151.0	91	151.0	...	...	91	151.0	—	—	...	...	...
200 to 499 .....	147.0	140	147.0	140	147.0	...	...	140	147.0	—	—	...	...	...
Less than 200 .....	135.5	199	135.5	198	133.7	...	...	198	133.7	1	1.8	...	...	...
<b>Cumulative summary:</b>														
Place of —														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 or more .....	298.2	1	298.2	1	298.2	1	298.2	—	—	—	—	—	—	...
100,000 or more .....	864.5	4	864.5	4	864.5	3	720.3	1	144.2	—	—	—	—	...
50,000 or more .....	1 033.4	6	1 033.4	6	1 033.4	5	889.2	1	144.2	—	—	—	—	...
25,000 or more .....	1 436.1	13	1 436.1	13	1 436.1	6	948.0	7	488.0	—	—	—	—	...
10,000 or more .....	1 850.4	34	1 850.4	33	1 837.1	6	948.0	27	889.1	1	13.2	—	—	...
5,000 or more .....	2 049.3	51	2 049.3	50	2 036.0	6	948.0	44	1 088.0	1	13.2	—	—	...
2,500 or more .....	2 332.7	97	2 332.7	95	2 318.1	6	948.0	89	1 370.1	2	14.6	—	—	...
2,000 or more .....	2 437.8	120	2 437.8	118	2 423.2	6	948.0	112	1 475.1	2	14.6	—	—	...
1,500 or more .....	2 544.2	152	2 544.2	149	2 523.6	6	948.0	143	1 575.6	3	20.7	—	—	...
1,000 or more .....	2 659.7	201	2 659.7	198	2 639.0	6	948.0	192	1 691.0	3	20.7	—	—	...
500 or more .....	2 810.7	292	2 810.7	289	2 790.0	6	948.0	283	1 842.0	3	20.7	—	—	...
200 or more .....	2 957.7	432	2 957.7	429	2 937.0	6	948.0	423	1 989.0	3	20.7	—	—	...
Not in place .....	<b>208 828.4</b>	...	...	...	...	...	...	...	...	...	...	...	...	<b>208 828.4</b>
<b>INSIDE METROPOLITAN AREA</b>														
Total .....	14 615.1	82	1 676.3	81	1 675.0	6	948.0	75	726.9	1	1.4	—	—	12 938.7
In place .....	<b>1 676.3</b>	<b>82</b>	<b>1 676.3</b>	<b>81</b>	<b>1 675.0</b>	<b>6</b>	<b>948.0</b>	<b>75</b>	<b>726.9</b>	<b>1</b>	<b>1.4</b>	—	—	...
Place of —														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 to 499,999 .....	298.2	1	298.2	1	298.2	1	298.2	—	—	—	—	—	—	...
100,000 to 249,999 .....	566.3	3	566.3	3	566.3	2	422.0	1	144.2	—	—	—	—	...
50,000 to 99,999 .....	169.0	2	169.0	2	169.0	2	169.0	—	—	—	—	—	—	...
25,000 to 49,999 .....	242.2	3	242.2	3	242.2	1	58.8	2	183.4	—	—	—	—	...
10,000 to 24,999 .....	114.1	6	114.1	6	114.1	—	—	6	114.1	—	—	—	—	...
5,000 to 9,999 .....	97.0	7	97.0	7	97.0	...	...	7	97.0	—	—	...	...	...
2,500 to 4,999 .....	92.4	14	92.4	13	91.0	...	...	13	91.0	1	1.4	...	...	...
2,000 to 2,499 .....	34.8	5	34.8	5	34.8	...	...	5	34.8	—	—	...	...	...
1,500 to 1,999 .....	26.8	8	26.8	8	26.8	...	...	8	26.8	—	—	...	...	...
1,000 to 1,499 .....	10.5	7	10.5	7	10.5	...	...	7	10.5	—	—	...	...	...
500 to 999 .....	18.0	12	18.0	12	18.0	...	...	12	18.0	—	—	...	...	...
200 to 499 .....	3.7	7	3.7	7	3.7	...	...	7	3.7	—	—	...	...	...
Less than 200 .....	3.3	7	3.3	7	3.3	...	...	7	3.3	—	—	...	...	...





Table 20. Land Area in Square Miles Inside and Outside Metropolitan Area by Size of Place: 1990

[Place partly outside a metropolitan area is counted where larger part of population is located; land area, however, is tabulated where located. For definitions of terms and meanings of symbols, see text]

State Inside Metropolitan Area Outside Metropolitan Area	All land area	In place												Not in place	
		Total		Incorporated place						Census designated place					
		Number of places	Land area	Total		Central city of metropolitan area		Other		Total		Central city of metropolitan area			
				Number of places	Land area	Number of places	Land area	Number of places	Land area	Number of places	Land area	Number of places	Land area		
<b>THE STATE</b>															
Total .....	81 823.0	631	1 194.3	627	1 185.6	6	366.0	621	819.6	4	8.7	—	—	80 628.7	
In place .....	<b>1 194.3</b>	<b>631</b>	<b>1 194.3</b>	<b>627</b>	<b>1 185.6</b>	<b>6</b>	<b>366.0</b>	<b>621</b>	<b>819.6</b>	<b>4</b>	<b>8.7</b>	—	—	...	
Place of —															
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999 .....	115.1	1	115.1	1	115.1	1	115.1	—	—	—	—	—	—	—	—
100,000 to 249,999 .....	218.6	3	218.6	3	218.6	2	163.0	1	55.7	—	—	—	—	—	—
50,000 to 99,999 .....	65.2	2	65.2	2	65.2	2	65.2	—	—	—	—	—	—	—	—
25,000 to 49,999 .....	155.4	7	155.4	7	155.4	1	22.7	6	132.7	—	—	—	—	—	—
10,000 to 24,999 .....	160.0	21	160.0	20	154.8	—	—	20	154.8	1	5.1	—	—	—	—
5,000 to 9,999 .....	76.8	17	76.8	17	76.8	...	...	17	76.8	—	—	...	...	...	...
2,500 to 4,999 .....	109.4	46	109.4	45	108.9	...	...	45	108.9	1	.5	...	...	...	...
2,000 to 2,499 .....	40.6	23	40.6	23	40.6	...	...	23	40.6	—	—	...	...	...	...
1,500 to 1,999 .....	41.1	32	41.1	31	38.8	...	...	31	38.8	1	2.3	...	...	...	...
1,000 to 1,499 .....	44.6	49	44.6	49	44.6	...	...	49	44.6	—	—	...	...	...	...
500 to 999 .....	58.3	91	58.3	91	58.3	...	...	91	58.3	—	—	...	...	...	...
200 to 499 .....	56.8	140	56.8	140	56.8	...	...	140	56.8	—	—	...	...	...	...
Less than 200 .....	52.3	199	52.3	198	51.6	...	...	198	51.6	1	.7	...	...	...	...
<b>Cumulative summary:</b>															
Place of —															
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
250,000 or more .....	115.1	1	115.1	1	115.1	1	115.1	—	—	—	—	—	—	—	—
100,000 or more .....	333.8	4	333.8	4	333.8	3	278.1	1	55.7	—	—	—	—	—	—
50,000 or more .....	399.0	6	399.0	6	399.0	5	343.3	1	55.7	—	—	—	—	—	—
25,000 or more .....	554.5	13	554.5	13	554.5	6	366.0	7	188.4	—	—	—	—	—	—
10,000 or more .....	714.4	34	714.4	33	709.3	6	366.0	27	343.3	1	5.1	—	—	—	—
5,000 or more .....	791.2	51	791.2	50	786.1	6	366.0	44	420.1	1	5.1	—	—	—	—
2,500 or more .....	900.7	97	900.7	95	895.0	6	366.0	89	529.0	2	5.6	—	—	—	—
2,000 or more .....	941.2	120	941.2	118	935.6	6	366.0	112	569.5	2	5.6	—	—	—	—
1,500 or more .....	982.3	152	982.3	149	974.4	6	366.0	143	608.3	3	8.0	—	—	—	—
1,000 or more .....	1 026.9	201	1 026.9	198	1 018.9	6	366.0	192	652.9	3	8.0	—	—	—	—
500 or more .....	1 085.2	292	1 085.2	289	1 077.2	6	366.0	283	711.2	3	8.0	—	—	—	—
200 or more .....	1 142.0	432	1 142.0	429	1 134.0	6	366.0	423	768.0	3	8.0	—	—	—	—
Not in place .....	<b>80 628.7</b>	...	...	...	...	...	...	...	...	...	...	...	...	<b>80 628.7</b>	
<b>INSIDE METROPOLITAN AREA</b>															
Total .....	5 642.9	82	647.2	81	646.7	6	366.0	75	280.7	1	.5	—	—	4 995.6	
In place .....	<b>647.2</b>	<b>82</b>	<b>647.2</b>	<b>81</b>	<b>646.7</b>	<b>6</b>	<b>366.0</b>	<b>75</b>	<b>280.7</b>	<b>1</b>	<b>.5</b>	—	—	...	
Place of —															
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999 .....	115.1	1	115.1	1	115.1	1	115.1	—	—	—	—	—	—	—	—
100,000 to 249,999 .....	218.6	3	218.6	3	218.6	2	163.0	1	55.7	—	—	—	—	—	—
50,000 to 99,999 .....	65.2	2	65.2	2	65.2	2	65.2	—	—	—	—	—	—	—	—
25,000 to 49,999 .....	93.5	3	93.5	3	93.5	1	22.7	2	70.8	—	—	—	—	—	—
10,000 to 24,999 .....	44.0	6	44.0	6	44.0	—	—	6	44.0	—	—	—	—	—	—
5,000 to 9,999 .....	37.4	7	37.4	7	37.4	...	...	7	37.4	—	—	...	...	...	...
2,500 to 4,999 .....	35.7	14	35.7	13	35.2	...	...	13	35.2	1	.5	...	...	...	...
2,000 to 2,499 .....	13.4	5	13.4	5	13.4	...	...	5	13.4	—	—	...	...	...	...
1,500 to 1,999 .....	10.4	8	10.4	8	10.4	...	...	8	10.4	—	—	...	...	...	...
1,000 to 1,499 .....	4.1	7	4.1	7	4.1	...	...	7	4.1	—	—	...	...	...	...
500 to 999 .....	7.0	12	7.0	12	7.0	...	...	12	7.0	—	—	...	...	...	...
200 to 499 .....	1.4	7	1.4	7	1.4	...	...	7	1.4	—	—	...	...	...	...
Less than 200 .....	1.3	7	1.3	7	1.3	...	...	7	1.3	—	—	...	...	...	...



Table 21. Population and Housing Units 1970 to 1990; Land Area and Density for Metropolitan Area: 1990

[For information concerning historical counts, see "User Notes." MA's are as defined for the 1990 census. Counts relate to component parts as defined at each census. Density is computed using land area. For definitions of terms and meanings of symbols, see text]

Metropolitan Area	Population			Housing units			1990 area measurements				1990 density				
	1990	1980	1970	1990	1980	1970	Total area		Land area		Population per—		Housing units per—		
							Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile	
<b>Kansas City, MO--KS MSA (pt.)</b>															
The area .....	604 884	519 031	479 512	243 492	198 231	153 112	4 388.6	1 694.4	4 320.7	1 668.2	140.0	362.6	56.4	146.0	
In central city .....	251 614	r232 062	211 277	99 522	r88 952	72 265	457.3	176.6	447.5	172.8	562.3	1 456.1	222.4	575.9	
Kansas City city .....	149 767	r161 148	168 213	64 457	r64 493	57 857	288.1	111.3	279.2	107.8	536.4	1 389.3	230.9	597.9	
Leavenworth city .....	38 495	33 656	25 147	12 568	11 425	8 831	58.9	22.7	58.8	22.7	654.7	1 695.8	213.7	553.7	
Olathe city .....	63 352	37 258	17 917	22 497	13 034	5 577	110.3	42.6	109.5	42.3	578.6	1 497.7	205.5	531.8	
Not in central city .....	353 270	r286 969	268 235	143 970	r109 279	80 847	3 931.3	1 517.9	3 873.2	1 495.5	91.2	236.2	37.2	96.3	
Johnson County .....	355 054	270 269	220 073	144 155	102 827	67 997	1 243.7	480.2	1 234.9	476.8	287.5	744.7	116.7	302.3	
Leavenworth County .....	64 371	54 809	53 340	21 264	18 441	14 996	1 213.1	468.4	1 200.0	463.3	53.6	138.9	17.7	45.9	
Miami County .....	23 466	21 618	19 254	8 971	8 457	6 635	1 528.6	590.2	1 493.8	576.8	15.7	40.7	6.0	15.6	
Wyandotte County .....	161 993	172 335	186 845	69 102	68 506	63 484	403.3	155.7	392.1	151.4	413.1	1 070.0	176.2	456.4	
<b>Lawrence, KS MSA</b>															
The area .....	81 798	67 640	57 932	31 782	25 494	18 275	1 229.0	474.5	1 183.5	457.0	69.1	179.0	26.9	69.5	
In central city .....	65 608	52 738	45 698	25 893	20 179	14 372	60.9	23.5	59.4	22.9	1 104.5	2 865.0	435.9	1 130.7	
Lawrence city .....	65 608	52 738	45 698	25 893	20 179	14 372	60.9	23.5	59.4	22.9	1 104.5	2 865.0	435.9	1 130.7	
Not in central city .....	16 190	14 902	12 234	5 889	5 315	3 903	1 168.1	451.0	1 124.1	434.0	14.4	37.3	5.2	13.6	
Douglas County .....	81 798	67 640	57 932	31 782	25 494	18 275	1 229.0	474.5	1 183.5	457.0	69.1	179.0	26.9	69.5	
<b>Topeka, KS MSA</b>															
The area .....	160 976	154 916	155 322	68 991	64 446	51 940	1 441.0	556.4	1 424.1	549.9	113.0	292.7	48.4	125.5	
In central city .....	119 883	r118 690	125 011	54 664	r51 556	43 700	145.4	56.1	142.9	55.2	838.9	2 171.8	382.5	990.3	
Topeka city .....	119 883	r118 690	125 011	54 664	r51 556	43 700	145.4	56.1	142.9	55.2	838.9	2 171.8	382.5	990.3	
Not in central city .....	41 093	r36 226	30 311	14 327	r12 890	8 240	1 295.6	500.2	1 281.2	494.7	32.1	83.1	11.2	29.0	
Shawnee County .....	160 976	154 916	155 322	68 991	64 446	51 940	1 441.0	556.4	1 424.1	549.9	113.0	292.7	48.4	125.5	
<b>Wichita, KS MSA</b>															
The area .....	485 270	r442 401	416 588	202 521	r174 674	143 705	7 760.9	2 996.5	7 686.7	2 967.8	63.1	163.5	26.3	68.2	
In central city .....	304 011	r279 838	276 554	135 069	r116 953	99 920	304.0	117.4	298.2	115.1	1 019.5	2 641.3	452.9	1 173.5	
Wichita city .....	304 011	r279 838	276 554	135 069	r116 953	99 920	304.0	117.4	298.2	115.1	1 019.5	2 641.3	452.9	1 173.5	
Not in central city .....	181 259	r162 563	140 034	67 452	r57 721	43 785	7 456.9	2 879.1	7 388.5	2 852.7	24.5	63.5	9.1	23.6	
Butler County .....	50 580	44 782	38 658	20 072	17 248	13 824	3 746.4	1 446.5	3 698.9	1 428.2	13.7	35.4	5.4	14.1	
Harvey County .....	31 028	30 531	27 236	12 290	11 563	9 215	1 400.0	540.5	1 397.1	539.4	22.2	57.5	8.8	22.8	
Sedgwick County .....	403 662	r367 088	350 694	170 159	r145 863	120 666	2 614.5	1 009.5	2 590.6	1 000.2	155.8	403.6	65.7	170.1	



Table 22. Population, Housing Units, and Land Area for Metropolitan Area by Population Size Class of Metropolitan Area: 1990—Con.

[MA's are as defined for the 1990 census. For definitions of terms and meanings of symbols, see text]

Urban and Rural Population Size Class of Metropolitan Area Metropolitan Area	Total	Urban						Rural				
		Total	Inside urbanized area			Outside urbanized area			Total	In place of 1,000 to 2,499	In place of less than 1,000	Other rural
			Total	In central place	Urban fringe	Total	Place of 10,000 or more	Place of 2,500 to 9,999				
<b>HOUSING UNITS—Con.</b>												
Inside metropolitan area—Con.												
Less than 1,000,000—Con.												
250,000 to 499,999	202 521	172 736	147 225	135 069	12 156	25 511	17 198	8 313	29 785	6 496	2 659	20 630
In central city	135 069	135 069	135 069	135 069	—	—	—	—	—	—	—	—
Not in central city	67 452	37 667	12 156	—	12 156	25 511	17 198	8 313	29 785	6 496	2 659	20 630
Wichita, KS MSA	202 521	172 736	147 225	135 069	12 156	25 511	17 198	8 313	29 785	6 496	2 659	20 630
In central city	135 069	135 069	135 069	135 069	—	—	—	—	—	—	—	—
Not in central city	67 452	37 667	12 156	—	12 156	25 511	17 198	8 313	29 785	6 496	2 659	20 630
100,000 to 249,999	68 991	59 021	59 021	54 664	4 357	—	—	—	9 970	911	367	8 692
In central city	54 664	54 664	54 664	54 664	—	—	—	—	—	—	—	—
Not in central city	14 327	4 357	—	—	4 357	—	—	—	9 970	911	367	8 692
Topeka, KS MSA	68 991	59 021	59 021	54 664	4 357	—	—	—	9 970	911	367	8 692
In central city	54 664	54 664	54 664	54 664	—	—	—	—	—	—	—	—
Not in central city	14 327	4 357	—	—	4 357	—	—	—	9 970	911	367	8 692
Less than 100,000	31 782	28 047	25 950	25 893	57	2 097	—	2 097	3 735	—	221	3 514
In central city	25 893	25 893	25 893	25 893	—	—	—	—	—	—	—	—
Not in central city	5 889	2 154	57	—	57	2 097	—	2 097	3 735	—	221	3 514
Lawrence, KS MSA	31 782	28 047	25 950	25 893	57	2 097	—	2 097	3 735	—	221	3 514
In central city	25 893	25 893	25 893	25 893	—	—	—	—	—	—	—	—
Not in central city	5 889	2 154	57	—	57	2 097	—	2 097	3 735	—	221	3 514
Outside metropolitan area	497 326	239 476	488	—	488	238 988	155 556	83 432	257 850	60 920	58 539	138 391
<b>LAND AREA IN SQUARE KILOMETERS</b>												
The State	211 921.6	2 416.0	1 424.1	889.2	534.9	991.9	551.4	440.5	209 505.6	320.7	426.2	208 758.7
Inside metropolitan area	14 615.1	1 673.3	1 418.8	889.2	529.6	254.4	106.9	147.6	12 941.8	71.2	17.7	12 852.9
In central city	948.0	948.0	889.2	889.2	—	58.8	58.8	—	—	—	—	—
Not in central city	13 667.1	725.2	529.6	—	529.6	195.6	48.1	147.6	12 941.8	71.2	17.7	12 852.9
1,000,000 or more	4 320.7	974.9	806.5	388.7	417.8	168.4	58.8	109.6	3 345.8	42.8	1.9	3 301.1
In central city	447.5	447.5	388.7	388.7	—	58.8	58.8	—	—	—	—	—
Not in central city	3 873.2	527.4	417.8	—	417.8	109.6	—	109.6	3 345.8	42.8	1.9	3 301.1
5,000,000 or more	—	—	—	—	—	—	—	—	—	—	—	—
In central city	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city	—	—	—	—	—	—	—	—	—	—	—	—
2,500,000 to 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—
In central city	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 to 2,499,999	4 320.7	974.9	806.5	388.7	417.8	168.4	58.8	109.6	3 345.8	42.8	1.9	3 301.1
In central city	447.5	447.5	388.7	388.7	—	58.8	58.8	—	—	—	—	—
Not in central city	3 873.2	527.4	417.8	—	417.8	109.6	—	109.6	3 345.8	42.8	1.9	3 301.1
Kansas City, MO—KS MSA (pt.)	4 320.7	974.9	806.5	388.7	417.8	168.4	58.8	109.6	3 345.8	42.8	1.9	3 301.1
In central city	447.5	447.5	388.7	388.7	—	58.8	58.8	—	—	—	—	—
Not in central city	3 873.2	527.4	417.8	—	417.8	109.6	—	109.6	3 345.8	42.8	1.9	3 301.1
Less than 1,000,000	10 294.3	698.3	612.3	500.5	111.8	86.0	48.1	38.0	9 596.0	28.4	15.8	9 551.8
In central city	500.5	500.5	500.5	500.5	—	—	—	—	—	—	—	—
Not in central city	9 793.8	197.8	111.8	—	111.8	86.0	48.1	38.0	9 596.0	28.4	15.8	9 551.8
500,000 to 999,999	—	—	—	—	—	—	—	—	—	—	—	—
In central city	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city	—	—	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999	7 686.7	452.6	374.3	298.2	76.1	78.4	48.1	30.3	7 234.0	25.8	11.9	7 196.4
In central city	298.2	298.2	298.2	298.2	—	—	—	—	—	—	—	—
Not in central city	7 388.5	154.4	76.1	—	76.1	78.4	48.1	30.3	7 234.0	25.8	11.9	7 196.4
Wichita, KS MSA	7 686.7	452.6	374.3	298.2	76.1	78.4	48.1	30.3	7 234.0	25.8	11.9	7 196.4
In central city	298.2	298.2	298.2	298.2	—	—	—	—	—	—	—	—
Not in central city	7 388.5	154.4	76.1	—	76.1	78.4	48.1	30.3	7 234.0	25.8	11.9	7 196.4
100,000 to 249,999	1 424.1	178.4	142.9	142.9	35.5	—	—	—	1 245.7	2.6	1.6	1 241.6
In central city	142.9	142.9	142.9	142.9	—	—	—	—	—	—	—	—
Not in central city	1 281.2	35.5	35.5	—	35.5	—	—	—	1 245.7	2.6	1.6	1 241.6
Topeka, KS MSA	1 424.1	178.4	142.9	142.9	35.5	—	—	—	1 245.7	2.6	1.6	1 241.6
In central city	142.9	142.9	142.9	142.9	—	—	—	—	—	—	—	—
Not in central city	1 281.2	35.5	35.5	—	35.5	—	—	—	1 245.7	2.6	1.6	1 241.6
Less than 100,000	1 183.5	67.3	59.7	59.4	.2	7.7	—	7.7	1 116.2	—	2.3	1 113.9
In central city	59.4	59.4	59.4	59.4	—	—	—	—	—	—	—	—
Not in central city	1 124.1	7.9	.2	—	.2	7.7	—	7.7	1 116.2	—	2.3	1 113.9
Lawrence, KS MSA	1 183.5	67.3	59.7	59.4	.2	7.7	—	7.7	1 116.2	—	2.3	1 113.9
In central city	59.4	59.4	59.4	59.4	—	—	—	—	—	—	—	—
Not in central city	1 124.1	7.9	.2	—	.2	7.7	—	7.7	1 116.2	—	2.3	1 113.9
Outside metropolitan area	197 306.5	742.7	5.3	—	5.3	737.5	444.5	292.9	196 563.8	249.5	408.5	195 905.8

POPULATION AND HOUSING UNIT COUNTS

**Table 22. Population, Housing Units, and Land Area for Metropolitan Area by Population Size Class of Metropolitan Area: 1990—Con.**

[MA's are as defined for the 1990 census. For definitions of terms and meanings of symbols, see text]

Urban and Rural Population Size Class of Metropolitan Area	Urban						Rural					
	Total	Inside urbanized area			Outside urbanized area			Total	In place of 1,000 to 2,499	In place of less than 1,000	Other rural	
		Total	In central place	Urban fringe	Total	Place of 10,000 or more	Place of 2,500 to 9,999					
<b>LAND AREA IN SQUARE MILES</b>												
The State -----	81 823.0	932.8	549.9	343.3	206.5	383.0	212.9	170.1	80 890.2	123.8	164.6	80 601.8
Inside metropolitan area -----	5 642.9	646.0	547.8	343.3	204.5	98.2	41.3	57.0	4 996.8	27.5	6.8	4 962.5
In central city -----	366.0	366.0	343.3	343.3	—	22.7	22.7	—	—	—	—	—
Not in central city -----	5 276.9	280.0	204.5	—	204.5	75.5	18.6	57.0	4 996.8	27.5	6.8	4 962.5
1,000,000 or more -----	1 668.2	376.4	311.4	150.1	161.3	65.0	22.7	42.3	1 291.8	16.5	.7	1 274.6
In central city -----	172.8	172.8	150.1	150.1	—	22.7	22.7	—	—	—	—	—
Not in central city -----	1 495.5	203.6	161.3	—	161.3	42.3	—	42.3	1 291.8	16.5	.7	1 274.6
5,000,000 or more -----	—	—	—	—	—	—	—	—	—	—	—	—
In central city -----	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city -----	—	—	—	—	—	—	—	—	—	—	—	—
2,500,000 to 4,999,999 -----	—	—	—	—	—	—	—	—	—	—	—	—
In central city -----	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city -----	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 to 2,499,999 -----	1 668.2	376.4	311.4	150.1	161.3	65.0	22.7	42.3	1 291.8	16.5	.7	1 274.6
In central city -----	172.8	172.8	150.1	150.1	—	22.7	22.7	—	—	—	—	—
Not in central city -----	1 495.5	203.6	161.3	—	161.3	42.3	—	42.3	1 291.8	16.5	.7	1 274.6
Kansas City, MO—KS MSA (pt.) -----	1 668.2	376.4	311.4	150.1	161.3	65.0	22.7	42.3	1 291.8	16.5	.7	1 274.6
In central city -----	172.8	172.8	150.1	150.1	—	22.7	22.7	—	—	—	—	—
Not in central city -----	1 495.5	203.6	161.3	—	161.3	42.3	—	42.3	1 291.8	16.5	.7	1 274.6
Less than 1,000,000 -----	3 974.6	269.6	236.4	193.2	43.2	33.2	18.6	14.7	3 705.0	10.9	6.1	3 688.0
In central city -----	193.2	193.2	193.2	193.2	—	—	—	—	—	—	—	—
Not in central city -----	3 781.4	76.4	43.2	—	43.2	33.2	18.6	14.7	3 705.0	10.9	6.1	3 688.0
500,000 to 999,999 -----	—	—	—	—	—	—	—	—	—	—	—	—
In central city -----	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city -----	—	—	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999 -----	2 967.8	174.8	144.5	115.1	29.4	30.3	18.6	11.7	2 793.1	10.0	4.6	2 778.5
In central city -----	115.1	115.1	115.1	115.1	—	—	—	—	—	—	—	—
Not in central city -----	2 852.7	59.6	29.4	—	29.4	30.3	18.6	11.7	2 793.1	10.0	4.6	2 778.5
Wichita, KS MSA -----	2 967.8	174.8	144.5	115.1	29.4	30.3	18.6	11.7	2 793.1	10.0	4.6	2 778.5
In central city -----	115.1	115.1	115.1	115.1	—	—	—	—	—	—	—	—
Not in central city -----	2 852.7	59.6	29.4	—	29.4	30.3	18.6	11.7	2 793.1	10.0	4.6	2 778.5
100,000 to 249,999 -----	549.9	68.9	68.9	55.2	13.7	—	—	—	481.0	1.0	.6	479.4
In central city -----	55.2	55.2	55.2	55.2	—	—	—	—	—	—	—	—
Not in central city -----	494.7	13.7	13.7	—	13.7	—	—	—	481.0	1.0	.6	479.4
Topeka, KS MSA -----	549.9	68.9	68.9	55.2	13.7	—	—	—	481.0	1.0	.6	479.4
In central city -----	55.2	55.2	55.2	55.2	—	—	—	—	—	—	—	—
Not in central city -----	494.7	13.7	13.7	—	13.7	—	—	—	481.0	1.0	.6	479.4
Less than 100,000 -----	457.0	23.0	23.0	22.9	.1	3.0	—	3.0	431.0	—	.9	430.1
In central city -----	22.9	22.9	22.9	22.9	—	—	—	—	—	—	—	—
Not in central city -----	434.0	3.1	.1	—	.1	3.0	—	3.0	431.0	—	.9	430.1
Lawrence, KS MSA -----	457.0	23.0	23.0	22.9	.1	3.0	—	3.0	431.0	—	.9	430.1
In central city -----	22.9	22.9	22.9	22.9	—	—	—	—	—	—	—	—
Not in central city -----	434.0	3.1	.1	—	.1	3.0	—	3.0	431.0	—	.9	430.1
Outside metropolitan area -----	76 180.1	286.8	2.0	—	2.0	284.7	171.6	113.1	75 893.4	96.3	157.7	75 639.3

Table 23. Population, Housing Units, and Land Area for Urbanized Area: 1990

[Density is computed using land area. For definitions of terms and meanings of symbols, see text]

Urbanized Area	Population		Housing units		Area measurements				Density			
					Total area		Land area		Population per—		Housing units per—	
					Population	Housing units	Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile
<b>Kansas City, MO--KS (pt.)</b>												
The area .....	480 249	199 685	819.8	316.5	806.5	311.4	595.5	1 542.2	247.6	641.2		
In central place .....	213 119	86 954	398.5	153.8	388.7	150.1	548.3	1 419.8	223.7	579.3		
Kansas City city† .....	149 767	64 457	288.1	111.3	279.2	107.8	536.4	1 389.3	230.9	597.9		
Olathe city† .....	63 352	22 497	110.3	42.6	109.5	42.3	578.6	1 497.7	205.5	531.8		
Urban fringe .....	267 130	112 731	421.3	162.7	417.8	161.3	639.4	1 656.1	269.8	698.9		
<b>Johnson County (pt.)†</b>												
County .....	330 442	135 212	530.7	204.9	526.5	203.3	627.6	1 625.4	256.8	665.1		
Countryside city .....	312	133	.3	.1	.3	.1	1 040.0	3 120.0	443.3	1 330.0		
Fairway city .....	4 173	1 863	3.0	1.1	3.0	1.1	1 391.0	3 793.6	621.0	1 693.6		
Lake Quivira city (pt.) .....	943	366	3.1	1.2	2.5	1.0	377.2	943.0	146.4	366.0		
Leawood city† .....	19 693	7 210	38.8	15.0	38.8	15.0	507.6	1 312.9	185.8	480.7		
Lenexa city† .....	34 034	13 496	75.6	29.2	75.2	29.0	452.6	1 173.6	179.5	465.4		
Merriam city .....	11 821	5 366	11.1	4.3	11.1	4.3	1 065.0	2 749.1	483.4	1 247.9		
Mission city .....	9 504	5 239	6.6	2.6	6.6	2.6	1 440.0	3 655.4	793.8	2 015.0		
Mission Hills city .....	3 446	1 333	5.2	2.0	5.2	2.0	662.7	1 723.0	256.3	666.5		
Mission Woods city .....	182	78	.3	.1	.3	.1	606.7	1 820.0	260.0	780.0		
Monticello township (pt.) .....	—	—	—	—	—	—	—	—	—	—		
Olathe city† .....	63 352	22 497	110.3	42.6	109.5	42.3	578.6	1 497.7	205.5	531.8		
Olathe township (pt.) .....	46	13	.1	—	—	—	—	—	—	—		
Overland Park city† .....	111 790	48 043	144.5	55.8	144.2	55.7	775.2	2 007.0	333.2	862.5		
Prairie Village city .....	23 186	10 031	16.1	6.2	16.1	6.2	1 440.1	3 739.7	623.0	1 617.9		
Roeland Park city .....	7 706	3 317	4.2	1.6	4.2	1.6	1 834.8	4 816.3	789.8	2 073.1		
Shawnee city† .....	37 993	15 217	110.3	42.6	108.2	41.8	351.1	908.9	146.6	364.0		
Shawnee township (pt.) .....	106	34	—	—	—	—	—	—	—	—		
Westwood city .....	1 772	803	1.0	.4	1.0	.4	1 772.0	4 430.0	803.0	2 007.5		
Westwood Hills city .....	383	173	.2	.1	.2	.1	1 915.0	3 830.0	865.0	1 730.0		
<b>Wyandotte County (pt.)†</b>												
County .....	149 807	64 473	289.1	111.6	280.0	108.1	535.0	1 385.8	230.3	596.4		
Kansas City city† .....	149 767	64 457	288.1	111.3	279.2	107.8	536.4	1 389.3	230.9	597.9		
Lake Quivira city (pt.) .....	40	16	.9	.4	.8	.3	50.0	133.3	20.0	53.3		
<b>Lawrence, KS</b>												
The area .....	65 755	25 950	61.1	23.6	59.7	23.0	1 101.4	2 858.9	434.7	1 128.3		
In central place .....	65 608	25 893	60.9	23.5	59.4	22.9	1 104.5	2 865.0	435.9	1 130.7		
Lawrence city† .....	65 608	25 893	60.9	23.5	59.4	22.9	1 104.5	2 865.0	435.9	1 130.7		
Urban fringe .....	147	57	.2	.1	.2	.1	735.0	1 470.0	285.0	570.0		
<b>Douglas County (pt.)†</b>												
County .....	65 755	25 950	61.1	23.6	59.7	23.0	1 101.4	2 858.9	434.7	1 128.3		
Lawrence city† .....	65 608	25 893	60.9	23.5	59.4	22.9	1 104.5	2 865.0	435.9	1 130.7		
Wakarusa township (pt.) .....	147	57	.2	.1	.2	.1	735.0	1 470.0	285.0	570.0		
<b>St. Joseph, MO--KS (pt.)</b>												
The area .....	1 100	488	5.4	2.1	5.3	2.0	207.5	550.0	92.1	244.0		
In central place .....	—	—	—	—	—	—	—	—	—	—		
Urban fringe .....	1 100	488	5.4	2.1	5.3	2.0	207.5	550.0	92.1	244.0		
<b>Doniphan County (pt.)†</b>												
County .....	1 100	488	5.4	2.1	5.3	2.0	207.5	550.0	92.1	244.0		
Washington township (pt.) .....	1 100	488	5.4	2.1	5.3	2.0	207.5	550.0	92.1	244.0		
Elwood city† .....	1 079	477	5.3	2.0	5.3	2.0	203.6	539.5	90.0	238.5		
<b>Topeka, KS</b>												
The area .....	132 711	59 021	182.0	70.3	178.4	68.9	743.9	1 926.1	330.8	856.6		
In central place .....	119 883	54 664	145.4	56.1	142.9	55.2	838.9	2 171.8	382.5	990.3		
Topeka city† .....	119 883	54 664	145.4	56.1	142.9	55.2	838.9	2 171.8	382.5	990.3		
Urban fringe .....	12 828	4 357	36.6	14.1	35.5	13.7	361.4	936.4	122.7	318.0		
<b>Shawnee County (pt.)†</b>												
County .....	132 711	59 021	182.0	70.3	178.4	68.9	743.9	1 926.1	330.8	856.6		
Mission township (pt.) .....	3 803	1 313	5.7	2.2	4.6	1.8	826.7	2 112.8	285.4	729.4		
Soldier township (pt.) .....	1 699	619	5.2	2.0	5.2	2.0	326.7	849.5	119.0	309.5		
Tecumseh township (pt.) .....	4 412	1 431	8.2	3.2	8.2	3.2	538.0	1 378.8	174.5	447.2		
Topeka city† .....	119 883	54 664	145.4	56.1	142.9	55.2	838.9	2 171.8	382.5	990.3		
Topeka township (pt.) .....	335	168	5.9	2.3	5.9	2.3	56.8	145.7	28.5	73.0		
Williamsport township (pt.) .....	2 579	826	11.6	4.5	11.6	4.5	222.3	573.1	71.2	183.6		

**Table 23. Population, Housing Units, and Land Area for Urbanized Area: 1990 — Con.**

[Density is computed using land area. For definitions of terms and meanings of symbols, see text]

Urbanized Area	Population		Housing units		Area measurements				Density			
					Total area		Land area		Population per—		Housing units per—	
					Square kilometers	Square miles	Square kilometers	Square miles	Square kilometer	Square mile	Square kilometer	Square mile
<b>Wichita, KS</b>												
The area .....	338 789	147 225	380.8	147.0	374.3	144.5	905.1	2 344.6	393.3	1 018.9		
In central place .....	304 011	135 069	304.0	117.4	298.2	115.1	1 019.5	2 641.3	452.9	1 173.5		
Wichita city† .....	304 011	135 069	304.0	117.4	298.2	115.1	1 019.5	2 641.3	452.9	1 173.5		
Urban fringe .....	34 778	12 156	76.8	29.7	76.1	29.4	457.0	1 182.9	159.7	413.5		
<b>Sedgwick County (pt.)†</b>												
Attica township (pt.) .....	—	—	—	—	—	—	—	—	—	—		
Bel Aire city† .....	3 695	1 280	5.6	2.2	5.6	2.2	659.8	1 679.5	228.6	581.8		
Delano township (pt.) .....	125	40	1.0	.4	1.0	.4	125.0	312.5	40.0	100.0		
Gypsum township (pt.) .....	3 191	656	9.6	3.7	9.6	3.7	332.4	862.4	68.3	177.3		
Kechi township (pt.) .....	9 156	3 289	17.6	6.8	17.4	6.7	526.2	1 366.6	189.0	490.9		
Kechi city† .....	517	181	2.2	.8	2.2	.8	235.0	646.3	82.3	226.3		
Park City city† .....	5 050	1 741	7.5	2.9	7.5	2.9	673.3	1 741.4	232.1	600.3		
Minneha township (pt.) .....	2 321	930	7.3	2.8	7.2	2.8	322.4	828.9	129.2	332.1		
Eastborough city .....	896	370	1.0	.4	1.0	.4	896.0	2 240.0	370.0	925.0		
Ohio township (pt.) .....	—	—	.3	.1	.3	.1	—	—	—	—		
Haysville city (pt.)† .....	—	—	.3	.1	.3	.1	—	—	—	—		
Park township (pt.) .....	71	36	.1	—	.1	—	710.0	—	360.0	—		
Riverside township (pt.) .....	11 012	4 080	28.9	11.2	28.5	11.0	386.4	1 001.1	143.2	370.9		
Haysville city (pt.)† .....	4 493	1 566	4.8	1.9	4.8	1.8	936.0	2 496.1	326.3	870.0		
Oaklawn-Sunview CDP .....	3 240	1 166	1.4	.5	1.4	.5	2 314.3	6 480.0	832.9	2 332.0		
Salem township (pt.) .....	5 204	1 843	6.3	2.4	6.3	2.4	826.0	2 168.3	292.5	767.9		
Haysville city (pt.)† .....	3 868	1 339	3.3	1.3	3.3	1.3	1 172.1	2 975.4	405.8	1 030.0		
Waco township (pt.) .....	3	2	.1	—	.1	—	30.0	—	20.0	—		
Haysville city (pt.)† .....	3	2	.1	—	.1	—	30.0	—	20.0	—		
Wichita city† .....	304 011	135 069	304.0	117.4	298.2	115.1	1 019.5	2 641.3	452.9	1 173.5		



Table 24. Population, Housing Units, and Land Area for Urbanized Area by Population Size Class of Urbanized Area: 1990

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

Size of Place Population Size Class of Urbanized Area Urbanized Area	Inside urbanized area								Inside metropolitan area			Outside metropoli- tan area
	Urban fringe								Total	In central city	Not in central city	
	Total	In central place	Total	Place of 50,000 or more	Place of 10,000 to 49,999	Place of 2,500 to 9,999	Place of less than 2,500	Other urban				
<b>POPULATION</b>												
The State -----	1 018 604	702 621	315 983	111 790	126 727	45 178	6 124	26 164	1 332 928	741 116	591 812	1 144 646
Inside urbanized area -----	1 018 604	702 621	315 983	111 790	126 727	45 178	6 124	26 164	1 017 504	702 621	314 883	1 100
1,000,000 or more -----	480 249	213 119	267 130	111 790	126 727	24 829	3 632	152	480 249	213 119	267 130	--
5,000,000 or more -----	--	--	--	--	--	--	--	--	--	--	--	--
2,500,000 to 4,999,999 -----	--	--	--	--	--	--	--	--	--	--	--	--
1,000,000 to 2,499,999 -----	480 249	213 119	267 130	111 790	126 727	24 829	3 632	152	480 249	213 119	267 130	--
Kansas City, MO-KS (pt.) -----	480 249	213 119	267 130	111 790	126 727	24 829	3 632	152	480 249	213 119	267 130	--
Less than 1,000,000 -----	538 355	489 502	48 853	--	--	20 349	2 492	26 012	537 255	489 502	47 753	1 100
500,000 to 999,999 -----	--	--	--	--	--	--	--	--	--	--	--	--
250,000 to 499,999 -----	338 789	304 011	34 778	--	--	20 349	1 413	13 016	338 789	304 011	34 778	--
Wichita, KS -----	338 789	304 011	34 778	--	--	20 349	1 413	13 016	338 789	304 011	34 778	--
100,000 to 249,999 -----	132 711	119 883	12 828	--	--	--	--	12 828	132 711	119 883	12 828	--
Topeka, KS -----	132 711	119 883	12 828	--	--	--	--	12 828	132 711	119 883	12 828	--
Less than 100,000 -----	66 855	65 608	1 247	--	--	--	1 079	168	65 755	65 608	147	1 100
Lawrence, KS -----	65 755	65 608	1 247	--	--	--	1 079	147	65 755	65 608	147	--
St. Joseph, MO-KS (pt.) -----	1 100	--	1 100	--	--	--	--	21	--	--	--	1 100
Outside urbanized area -----	...	...	...	...	...	...	...	...	315 424	38 495	276 929	1 143 546
<b>HOUSING UNITS</b>												
The State -----	432 369	302 580	129 789	48 043	51 320	18 846	2 597	8 983	546 786	315 148	231 638	497 326
Inside urbanized area -----	432 369	302 580	129 789	48 043	51 320	18 846	2 597	8 983	431 881	302 580	129 301	488
1,000,000 or more -----	199 685	86 954	112 731	48 043	51 320	11 752	1 569	47	199 685	86 954	112 731	--
5,000,000 or more -----	--	--	--	--	--	--	--	--	--	--	--	--
2,500,000 to 4,999,999 -----	--	--	--	--	--	--	--	--	--	--	--	--
1,000,000 to 2,499,999 -----	199 685	86 954	112 731	48 043	51 320	11 752	1 569	47	199 685	86 954	112 731	--
Kansas City, MO-KS (pt.) -----	199 685	86 954	112 731	48 043	51 320	11 752	1 569	47	199 685	86 954	112 731	--
Less than 1,000,000 -----	232 684	215 626	17 058	--	--	7 094	1 028	8 936	232 196	215 626	16 570	488
500,000 to 999,999 -----	--	--	--	--	--	--	--	--	--	--	--	--
250,000 to 499,999 -----	147 225	135 069	12 156	--	--	7 094	551	4 511	147 225	135 069	12 156	--
Wichita, KS -----	147 225	135 069	12 156	--	--	7 094	551	4 511	147 225	135 069	12 156	--
100,000 to 249,999 -----	59 021	54 664	4 357	--	--	--	--	4 357	59 021	54 664	4 357	--
Topeka, KS -----	59 021	54 664	4 357	--	--	--	--	4 357	59 021	54 664	4 357	--
Less than 100,000 -----	26 438	25 893	545	--	--	--	477	68	25 950	25 893	57	488
Lawrence, KS -----	25 950	25 893	545	--	--	--	477	57	25 950	25 893	57	--
St. Joseph, MO-KS (pt.) -----	488	--	488	--	--	--	477	11	--	--	--	488
Outside urbanized area -----	...	...	...	...	...	...	...	...	114 905	12 568	102 337	496 838
<b>LAND AREA IN SQUARE KILOMETERS</b>												
The State -----	1 424.1	889.2	534.9	144.2	249.4	41.9	13.6	85.8	14 615.1	948.0	13 667.1	197 306.5
Inside urbanized area -----	1 424.1	889.2	534.9	144.2	249.4	41.9	13.6	85.8	1 418.8	889.2	529.6	5.3
1,000,000 or more -----	806.5	388.7	417.8	144.2	249.4	19.0	5.1	.1	806.5	388.7	417.8	--
5,000,000 or more -----	--	--	--	--	--	--	--	--	--	--	--	--
2,500,000 to 4,999,999 -----	--	--	--	--	--	--	--	--	--	--	--	--
1,000,000 to 2,499,999 -----	806.5	388.7	417.8	144.2	249.4	19.0	5.1	.1	806.5	388.7	417.8	--
Kansas City, MO-KS (pt.) -----	806.5	388.7	417.8	144.2	249.4	19.0	5.1	.1	806.5	388.7	417.8	--
Less than 1,000,000 -----	617.6	500.5	117.1	--	--	22.9	8.5	85.7	612.3	500.5	111.8	5.3
500,000 to 999,999 -----	--	--	--	--	--	--	--	--	--	--	--	--
250,000 to 499,999 -----	374.3	298.2	76.1	--	--	22.9	3.2	50.0	374.3	298.2	76.1	--
Wichita, KS -----	374.3	298.2	76.1	--	--	22.9	3.2	50.0	374.3	298.2	76.1	--
100,000 to 249,999 -----	178.4	142.9	35.5	--	--	--	--	35.5	178.4	142.9	35.5	--
Topeka, KS -----	178.4	142.9	35.5	--	--	--	--	35.5	178.4	142.9	35.5	--
Less than 100,000 -----	64.9	59.4	5.5	--	--	--	5.3	.2	59.7	59.4	.2	5.3
Lawrence, KS -----	59.7	59.4	.2	--	--	--	--	.2	59.7	59.4	.2	--
St. Joseph, MO-KS (pt.) -----	5.3	--	5.3	--	--	--	5.3	--	--	--	--	5.3
Outside urbanized area -----	...	...	...	...	...	...	...	...	13 196.2	58.8	13 137.4	197 301.3
<b>LAND AREA IN SQUARE MILES</b>												
The State -----	549.9	343.3	206.5	55.7	96.3	16.2	5.3	33.1	5 642.9	366.0	5 276.9	76 180.1
Inside urbanized area -----	549.9	343.3	206.5	55.7	96.3	16.2	5.3	33.1	547.8	343.3	204.5	2.0
1,000,000 or more -----	311.4	150.1	161.3	55.7	96.3	7.3	2.0	--	311.4	150.1	161.3	--
5,000,000 or more -----	--	--	--	--	--	--	--	--	--	--	--	--
2,500,000 to 4,999,999 -----	--	--	--	--	--	--	--	--	--	--	--	--
1,000,000 to 2,499,999 -----	311.4	150.1	161.3	55.7	96.3	7.3	2.0	--	311.4	150.1	161.3	--
Kansas City, MO-KS (pt.) -----	311.4	150.1	161.3	55.7	96.3	7.3	2.0	--	311.4	150.1	161.3	--

Table 24. Population, Housing Units, and Land Area for Urbanized Area by Population Size Class of Urbanized Area: 1990 —Con.

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

Size of Place Population Size Class of Urbanized Area Urbanized Area	Inside urbanized area							Inside metropolitan area			Outside metropoli- tan area	
	Total	In central place	Urban fringe					Total	In central city	Not in central city		
			Total	Place of 50,000 or more	Place of 10,000 to 49,999	Place of 2,500 to 9,999	Place of less than 2,500					Other urban
<b>LAND AREA IN SQUARE MILES—Con.</b>												
Inside urbanized area—Con.												
Less than 1,000,000 .....	238.4	193.2	45.2	—	—	8.8	3.3	33.1	236.4	193.2	43.2	2.0
500,000 to 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999 .....	144.5	115.1	29.4	—	—	8.8	1.2	19.3	144.5	115.1	29.4	—
Wichita, KS .....	144.5	115.1	29.4	—	—	8.8	1.2	19.3	144.5	115.1	29.4	—
100,000 to 249,999 .....	68.9	55.2	13.7	—	—	—	—	13.7	68.9	55.2	13.7	—
Topeka, KS .....	68.9	55.2	13.7	—	—	—	—	13.7	68.9	55.2	13.7	—
Less than 100,000 .....	25.1	22.9	2.1	—	—	—	2.0	.1	23.0	22.9	.1	2.0
Lawrence, KS .....	23.0	22.9	.1	—	—	—	—	.1	23.0	22.9	.1	—
St. Joseph, MO-KS (pt.) .....	2.0	—	2.0	—	—	—	2.0	—	—	—	—	2.0
Outside urbanized area .....	...	...	...	...	...	...	...	...	5 095.1	22.7	5 072.4	76 178.1

# 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:

```

United States
  Region
    Division
      State
        County
          County subdivision
            Place (or part)
              Census tract/ block numbering area
                (or part)
                  Block group (or part)
                    Block
  
```

### 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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### POPULATION CHARACTERISTICS

In this report, counts of all persons living in housing units and group quarters are presented for various geographic areas. Separate population characteristics are not shown.

### HOUSING CHARACTERISTICS

#### LIVING QUARTERS

Living quarters are classified as either housing units or 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 9 or more persons unrelated to the householder or person in charge (a total of 10 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 or householders.

**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.

## DERIVED MEASURES

This report includes various derived measures such as 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 (–).

### 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.

# APPENDIX C.

## Accuracy of the Data

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### CONFIDENTIALITY OF THE DATA

To maintain confidentiality required by law (Title 13, United States Code), the Bureau of the Census applies a confidentiality edit to assure published data do not disclose information about specific individuals, households, and housing units. The result is that a small amount of uncertainty is introduced into some of the census characteristics to prevent identification of specific individuals, households, or housing units. The edit is controlled so that the counts of total persons, totals by race and American Indian tribe, Hispanic origin, and age 18 years and over are *not affected* by the confidentiality edit and are published as collected. In addition, total counts for housing units by tenure are not affected by this edit.

The confidentiality edit is conducted by selecting a sample of census households from the 100-percent data internal census files and interchanging its data with other households that have identical characteristics on a set of selected key variables but are in different geographic locations within the same State. To provide more protection for "small areas," a higher sampling rate was used for these areas. The net result of this procedure is that the data user's ability to obtain census data, particularly for small areas and subpopulation groups, has been significantly enhanced.

### 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 were also reviewed by census clerks for omissions, certain 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 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. Allocations, 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.

### SOURCES OF ERROR

In any large-scale statistical operation, such as the 1990 decennial census, human- and machine-related errors occur. These errors are commonly referred to as nonsampling errors. Such errors include not enumerating every household or every person in the population, not obtaining all required information from the respondents, obtaining incorrect or inconsistent information, and recording information incorrectly. In addition, errors can occur during the field review of the enumerators' work, during clerical handling of the census questionnaires, or during the electronic processing of the questionnaires.

To reduce various types of nonsampling errors, a number of techniques were implemented during the planning, development of the mailing address list, data collection, and data processing activities. Quality assurance methods

were used throughout the data collection and processing phases of the census to improve the quality of the data. A reinterview program was designed to minimize the errors in the data collection phase for enumerator-filled questionnaires.

Several coverage improvement programs were implemented during the development of the census address list and census enumeration and processing to minimize under-coverage of the population and housing units. These programs were developed based on experience from the 1980 decennial census and results from the 1990 decennial 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.

- For larger urban areas, the Census Bureau purchased and coded address lists, had the United States Postal Service (USPS) review and update this list, and conducted a dependent canvass and update operation. Prior to mailout, local officials were given the opportunity

to examine block counts of address listings (local review) and identify possible errors, and the USPS conducted a final review.

- For small cities and suburban and selected rural parts of the country, the Census Bureau created the address list through a listing operation that occurred in 1988 and 1989. For the addresses listed in 1988, the USPS reviewed and updated this list, and the Census Bureau reconciled USPS corrections through a field check; prior to mailout, the USPS conducted a final review of these addresses, and local officials participated in reviewing block counts of address listings.

Coverage improvement programs continued during and after mailout. The Census Bureau (rather than the USPS) delivered census questionnaires in the rural and seasonal housing areas listed in 1989 and in inner-city public housing developments. Computer and clerical edits and telephone and personal visit followups contributed to improved coverage.

# APPENDIX D.

## Collection and Processing Procedures

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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
<b>How</b> to fill out your census form	<b>2</b>
<b>Example</b>	<b>2</b>
<b>Your</b> answers are confidential	<b>2</b>
<b>Instructions</b> for the census questions	<b>3-5</b>
<b>What</b> the census is about	<b>5</b>
<b>Why</b> the census asks certain questions	<b>5</b>

CENSUS '90



U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

D-3

## 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
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## 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 Questions H1a through H6

- 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**.
- 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 mobile home; include only land which 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.

## Instructions for Questions H7a and H7b

- 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.

## 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.

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.**

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**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-1

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
<b>1</b>			<b>7</b>		
<b>2</b>			<b>8</b>		
<b>3</b>			<b>9</b>		
<b>4</b>			<b>10</b>		
<b>5</b>			<b>11</b>		
<b>6</b>			<b>12</b>		

**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
<b>2. How is this person related to PERSON 1?</b> Fill ONE circle for each person.  If <b>Other relative</b> 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.	START in this column with the household member (or one of the members) in whose name the home is owned, being bought, or rented.  If there is no such person, start in this column with any adult household member.		If a <b>RELATIVE</b> of Person 1: <input type="radio"/> Husband/wife <input type="radio"/> Brother/sister <input type="radio"/> Natural-born or adopted son/daughter <input type="radio"/> Father/mother <input type="radio"/> Stepson/stepdaughter <input type="radio"/> Grandchild <input type="radio"/> <input type="checkbox"/> Other relative →	
	<input type="checkbox"/> Male <input type="checkbox"/> Female		If <b>NOT RELATED</b> to Person 1: <input type="checkbox"/> Roomer, boarder, or foster child <input type="checkbox"/> Unmarried partner <input type="checkbox"/> Housemate, roommate <input type="checkbox"/> Other nonrelative	
<b>3. Sex</b> Fill ONE circle for each person.	<input type="checkbox"/> Male <input type="checkbox"/> Female		<input type="checkbox"/> Male <input type="checkbox"/> Female	
<b>4. Race</b> Fill ONE circle for the race that the person considers himself/herself to be.  If <b>Indian (Amer.)</b> , print the name of the enrolled or principal tribe. →  If <b>Other Asian or Pacific Islander (API)</b> , print one group, for example: Hmong, Fijian, Laotian, Thai, Tongan, Pakistani, Cambodian, and so on. →  If <b>Other race</b> , print race. →	<input type="checkbox"/> White <input type="checkbox"/> Black or Negro <input type="checkbox"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) → <input type="checkbox"/> Eskimo <input type="checkbox"/> Aleut      Asian or Pacific Islander (API) <input type="checkbox"/> Chinese <input type="checkbox"/> Japanese <input type="checkbox"/> Filipino <input checked="" type="checkbox"/> Asian Indian <input type="checkbox"/> Hawaiian <input type="checkbox"/> Samoan <input type="checkbox"/> Korean <input type="checkbox"/> Guamanian <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other API → <input type="checkbox"/> Other race (Print race) →		<input type="checkbox"/> White <input type="checkbox"/> Black or Negro <input type="checkbox"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) → <input type="checkbox"/> Eskimo <input type="checkbox"/> Aleut      Asian or Pacific Islander (API) <input type="checkbox"/> Chinese <input type="checkbox"/> Japanese <input type="checkbox"/> Filipino <input checked="" type="checkbox"/> Asian Indian <input type="checkbox"/> Hawaiian <input type="checkbox"/> Samoan <input type="checkbox"/> Korean <input type="checkbox"/> Guamanian <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other API → <input type="checkbox"/> Other race (Print race) →	
<b>5. Age and year of birth</b> a. Print each person's age at last birthday. Fill in the matching circle below each box.  b. Print each person's year of birth and fill the matching circle below each box.	a. Age 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 1 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 9 <input type="checkbox"/>	b. Year of birth 1 <input checked="" type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 9 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> <input checked="" type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/>	a. Age 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 1 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 9 <input type="checkbox"/>	b. Year of birth 1 <input checked="" type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 9 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> <input checked="" type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/>
<b>6. Marital status</b> Fill ONE circle for each person.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<b>7. Is this person of Spanish/Hispanic origin?</b> Fill ONE circle for each person.  If <b>Yes, other Spanish/Hispanic</b> , print one group. →	<input type="checkbox"/> No (not Spanish/Hispanic) <input type="checkbox"/> Yes, Mexican, Mexican-Am., Chicano <input type="checkbox"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →		<input type="checkbox"/> No (not Spanish/Hispanic) <input type="checkbox"/> Yes, Mexican, Mexican-Am., Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →	
<b>FOR CENSUS USE</b> →	<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/>	

PERSON 7	
Last name	
First name	Middle initial
If a RELATIVE of Person 1:	
<input type="radio"/> Husband/wife	<input type="radio"/> Brother/sister
<input type="radio"/> Natural-born or adopted son/daughter	<input type="radio"/> Father/mother
<input type="radio"/> Stepson/stepdaughter	<input type="radio"/> Grandchild
	<input type="radio"/> Other relative
If NOT RELATED to Person 1:	
<input type="radio"/> Roomer, boarder, or foster child	<input type="radio"/> Unmarried partner
<input type="radio"/> Housemate, roommate	<input type="radio"/> Other nonrelative
<input type="radio"/> Male	<input type="radio"/> Female
<input type="radio"/> White <input type="radio"/> Black or Negro <input type="radio"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.)	
<input type="radio"/> Eskimo <input type="radio"/> Aleut <input type="radio"/> Asian or Pacific Islander (API)	
<input type="radio"/> Chinese	<input type="radio"/> Japanese
<input type="radio"/> Filipino	<input type="radio"/> Asian Indian
<input type="radio"/> Hawaiian	<input type="radio"/> Samoan
<input type="radio"/> Korean	<input type="radio"/> Guamanian
<input type="radio"/> Vietnamese	<input type="radio"/> Other API
<input type="radio"/> Other race (Print race)	
a. Age	b. Year of birth
0 0 0 0	1 8 0 0 0
1 1 1 1	9 1 1 1
2 2 2 2	2 2 2 2
3 3 3 3	3 3 3 3
4 4 4 4	4 4 4 4
5 5 5 5	5 5 5 5
6 6 6 6	6 6 6 6
7 7 7 7	7 7 7 7
8 8 8 8	8 8 8 8
9 9 9 9	9 9 9 9
<input type="radio"/> Now married <input type="radio"/> Widowed <input type="radio"/> Divorced	
<input type="radio"/> Separated <input type="radio"/> Never married	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Am., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.)	

NOW PLEASE ANSWER QUESTIONS H1a-H7b FOR YOUR 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

**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

**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

**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  
 2 rooms  
 3 rooms  
 4 rooms  
 5 rooms  
 6 rooms  
 7 rooms  
 8 rooms  
 9 or more rooms

**H4.** Is this house or apartment —

Owned by you or someone in this household with a mortgage or loan?  
 Owned by you or someone in this household free and clear (without a mortgage)?  
 Rented for cash rent?  
 Occupied without payment of cash rent?

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

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  
 \$10,000 to \$14,999  
 \$15,000 to \$19,999  
 \$20,000 to \$24,999  
 \$25,000 to \$29,999  
 \$30,000 to \$34,999  
 \$35,000 to \$39,999  
 \$40,000 to \$44,999  
 \$45,000 to \$49,999  
 \$50,000 to \$54,999  
 \$55,000 to \$59,999  
 \$60,000 to \$64,999  
 \$65,000 to \$69,999

\$70,000 to \$74,999  
 \$75,000 to \$79,999  
 \$80,000 to \$89,999  
 \$90,000 to \$99,999  
 \$100,000 to \$124,999  
 \$125,000 to \$149,999  
 \$150,000 to \$174,999  
 \$175,000 to \$199,999  
 \$200,000 to \$249,999  
 \$250,000 to \$299,999  
 \$300,000 to \$399,999  
 \$400,000 to \$499,999  
 \$500,000 or more

Answer only if you PAY RENT for this house or apartment —

**H7a.** What is the monthly rent?

Less than \$80  
 \$80 to \$99  
 \$100 to \$124  
 \$125 to \$149  
 \$150 to \$174  
 \$175 to \$199  
 \$200 to \$224  
 \$225 to \$249  
 \$250 to \$274  
 \$275 to \$299  
 \$300 to \$324  
 \$325 to \$349  
 \$350 to \$374

\$375 to \$399  
 \$400 to \$424  
 \$425 to \$449  
 \$450 to \$474  
 \$475 to \$499  
 \$500 to \$524  
 \$525 to \$549  
 \$550 to \$599  
 \$600 to \$649  
 \$650 to \$699  
 \$700 to \$749  
 \$750 to \$999  
 \$1,000 or more

**b.** Does the monthly rent include any meals?

Yes  No

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A. Total persons	B. Type of unit		D. Months vacant	G. DO	ID
	Occupied	Vacant			
	<input type="radio"/> First form	<input type="radio"/> Regular	<input type="radio"/> Less than 1		
	<input type="radio"/> Cont'n	<input type="radio"/> Usual home elsewhere	<input type="radio"/> 1 up to 2		
	C1. Vacancy status		<input type="radio"/> 2 up to 6		
	<input type="radio"/> For rent	<input type="radio"/> For seas/rec/occ	<input type="radio"/> 12 up to 24		
	<input type="radio"/> For sale only	<input type="radio"/> For migrant workers	<input type="radio"/> 24 or more		
	<input type="radio"/> Rented or sold, not occupied	<input type="radio"/> Other vacant	E. Complete after		
	C2. Is this unit boarded up?		<input type="radio"/> LR	<input type="radio"/> TC	<input type="radio"/> QA
	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> JIC 1	<input type="radio"/> I/T	<input type="radio"/> EN
			<input type="radio"/> P0	<input type="radio"/> P3	<input type="radio"/> P6
			<input type="radio"/> P1	<input type="radio"/> P4	<input type="radio"/> IA
			<input type="radio"/> P2	<input type="radio"/> P5	<input type="radio"/> SM
			F. Cov.		
			<input type="radio"/> 1b	<input type="radio"/> 1a	<input type="radio"/> 7
			<input type="radio"/> 0	<input type="radio"/> H1	

## Please make sure you have . . .

1. **FILLED** this form completely.
2. **ANSWERED Question 1a** on page 1.
3. **ANSWERED Questions 2 through 7** for each person you listed in Question 1a.
4. **ANSWERED Questions H1a through H7b** on page 3.

## Also . . .

5. **PRINT here the name** of a household member who filled the form, the date the form was completed, and the telephone number at which a person in this household can be called.

Name		Date	
Telephone number →	Area code	Number	<input type="radio"/> Day <input type="radio"/> Night

## Then . . .

6. **FOLD** the form the way it was sent to you.
7. **MAIL it back by April 1**, or as close to that date as possible, in the envelope provided; no stamp is needed. When you insert your completed questionnaire, please make sure that the address of the U.S. Census Office can be seen through the window on the front of the envelope.

**NOTE** – If you have listed more than 7 persons in Question 1a, please make sure that you have filled the form for the first 7 people. Then mail back this form. A census taker will call to obtain the information for the other people.

## Thank you very much.

The Census Bureau estimates that, for the average household, this form will take 14 minutes to complete, including the time for reviewing the instructions and answers. Comments about this estimate should be directed to the Associate Director for Management Services, Bureau of the Census, Washington, DC 20233, Attn: CEN-90, and to the Office of Management and Budget, Paperwork Reduction Project CEN-90, Washington, DC 20503. Please **DO NOT RETURN** your questionnaire to either of these addresses. Use the enclosed preaddressed envelope to return your completed questionnaire.



# APPENDIX F.

## Data Products and User Assistance

### CONTENTS

Data Products .....	F-1
Geographic Products .....	F-3
Other Census Bureau Resources .....	F-5
Reference Materials .....	F-4
Sources of Assistance .....	F-4

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 ("micro-data") 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 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.)

**Other Special Computer Tape Files**—Other files include the Census/ Equal Employment Opportunity (EEO) Special File and the County-to-County Migration File. (See figure 4.) The Census Bureau may prepare additional special files.

## Microfiche

Block statistics are available on microfiche as they were for the 1980 census. The microfiche present, in table format, a subset of the tabulations for census blocks found in STF 1B (see figure 3). In the 1990 census, for the first time, the entire land area of the Nation and its possessions was block-numbered. This increased the number of blocks for which the Census Bureau provides data from 2.5 million in 1980 to 7 million for 1990. The cost and storage of block data of this magnitude would be prohibitive if the data were published in printed reports.

STF's 1A and 3A are available on microfiche, as well. As noted in figure 3, they provide data for a variety of geographic areas. Also, all printed reports are offered on microfiche from Customer Services soon after they are published.

## 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. (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.

## 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 four 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. Customer Services sells electrostatic-plotter copies, and the Superintendent of Documents sells printed copies.

**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 shows the 1990 census geographic area codes and Federal information processing standards (FIPS) codes, as appropriate, for States, metropolitan areas, counties, county subdivisions, places, American Indian and Alaska Native areas, and other entities, along with some descriptive information about the codes. The code scheme also is offered on computer tape.

### 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 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 in major urban areas; provide the names of landmarks, such as lakes and golf courses; and include other information.

TIGER/Line™ files and other TIGER System extracts, such as TIGER/ Boundary™ and TIGER/ DataBase™, 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.
- *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.
- *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	704-371-6144
Chicago, IL	312-353-0980
Dallas, TX	214-767-7105
Denver, CO	303-969-7750
Detroit, MI	313-354-4654
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.

**National Services Program—**The National Services Program (NSP) 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 a pilot project, the National Services Information Center (NSIC) Initiative, three of these nonprofit groups now offer their clientele reports, computer tape printouts, and other information from the Census Bureau. To learn more about the NSP and the NSIC, write to the National Services Program, 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. possessions.

### 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**

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**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

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**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

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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
<b>1990 CENSUS OF POPULATION AND HOUSING (1990 CPH)</b>				
<b>100-Percent Data</b>				
1990 CPH-1	<b>Summary Population and Housing Characteristics</b>	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	<b>Population and Housing Unit Counts</b>	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)
<b>100-Percent and Sample Data</b>				
1990 CPH-3	<b>Population and Housing Characteristics for Census Tracts and Block Numbering Areas</b>	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	<b>Population and Housing Characteristics for Congressional Districts of the 103rd Congress</b>	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
<b>Sample Data</b>				
1990 CPH-5	<b>Summary Social, Economic, and Housing Characteristics</b>	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
<b>1990 CENSUS OF POPULATION (1990 CP)</b>				
<b>100-Percent Data</b>				
1990 CP-1	<b>General Population Characteristics</b>	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
<b>1990 CENSUS OF POPULATION (1990 CP)—Con.</b>				
<b>100-Percent Data—Con.</b>				
1990 CP-1-1A	<b>General Population Characteristics for American Indian and Alaska Native Areas</b>	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	<b>General Population Characteristics for Metropolitan Areas</b>	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	<b>General Population Characteristics for Urbanized Areas</b>	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
<b>Sample Data</b>				
1990 CP-2	<b>Social and Economic Characteristics</b>	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	<b>Social and Economic Characteristics for American Indian and Alaska Native Areas</b>	U.S.	Statistics generally on sample population subjects	American Indian and Alaska Native areas, as for CP-1-1A
1990 CP-2-1B	<b>Social and Economic Characteristics for Metropolitan Areas</b>	U.S.	Statistics generally on sample population subjects	Individual MA's, as for CP-1-1B
1990 CP-2-1C	<b>Social and Economic Characteristics for Urbanized Areas</b>	U.S.	Statistics generally on sample population subjects	Individual UA's, as for CP-1-1C
1990 CP-3	<b>Population Subject Reports</b>	Selected subjects	Approximately 30 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
<b>1990 CENSUS OF HOUSING (1990 CH)</b>				
<b>100-Percent Data</b>				
1990 CH-1	<b>General Housing Characteristics</b>	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	<b>General Housing Characteristics for American Indian and Alaska Native Areas</b>	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	<b>General Housing Characteristics for Metropolitan Areas</b>	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	<b>General Housing Characteristics for Urbanized Areas</b>	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
<b>Sample Data</b>				
1990 CH-2	<b>Detailed Housing Characteristics</b>	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	<b>Detailed Housing Characteristics for American Indian and Alaska Native Areas</b>	U.S.	Statistics generally on sample housing subjects	American Indian and Alaska Native areas, as in 1990 CH-1-1A
1990 CH-2-1B	<b>Detailed Housing Characteristics for Metropolitan Areas</b>	U.S.	Statistics generally on sample housing subjects	Individual MA's, as in 1990 CH-1-1B
1990 CH-2-1C	<b>Detailed Housing Characteristics for Urbanized Areas</b>	U.S.	Statistics generally on sample housing subjects	Individual UA's, as in 1990 CH-1-1C
1990 CH-3	<b>Housing Subject Reports</b>	Selected subjects	Approximately 10 reports on housing census subjects such as structural characteristics and space utilization	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)<sup>1</sup>**

	<b>Geographic areas</b>	<b>Description</b>
STF 1 (100 percent)	A <sup>2 3</sup>	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 <sup>2 3</sup>	States, counties, county subdivisions, places, census tracts/ BNA's, BG's, blocks. Also Alaska Native areas and State parts of American Indian areas
	C <sup>3</sup>	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
	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
	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 <sup>2 3</sup>	States, counties, county subdivisions, places, census tracts/ BNA's, BG's. Also Alaska Native areas and State parts of American Indian areas
	B <sup>3</sup>	Five-digit ZIP Codes within each State
	C <sup>3</sup>	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
	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)<sup>1</sup>**

	<b>Geographic areas</b>	<b>Description</b>
	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	

<sup>1</sup>Similar STF's will be prepared for Puerto Rico and the U.S. Virgin Islands.

<sup>2</sup>Also available on microfiche. STF 1B microfiche provides only part of the data for blocks and other areas in the tape file.

<sup>3</sup>Also available on laser disc (CD-ROM). STF 1B CD-ROM presents the same file extract as STF 1B microfiche.

**Figure 4. Other 1990 Census Data Products**

<b>Title</b>	<b>Description</b>	<b>Geographic areas</b>
Subject Summary Tape Files	About 20 computer tape files used to produce the subject reports (1990 CP-3 and 1990 CH-3 series). On the average, a file is the source of two subject reports	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) Special 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
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.