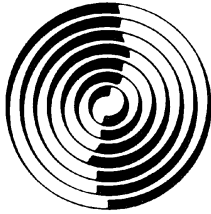


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1990 CPH-2-36

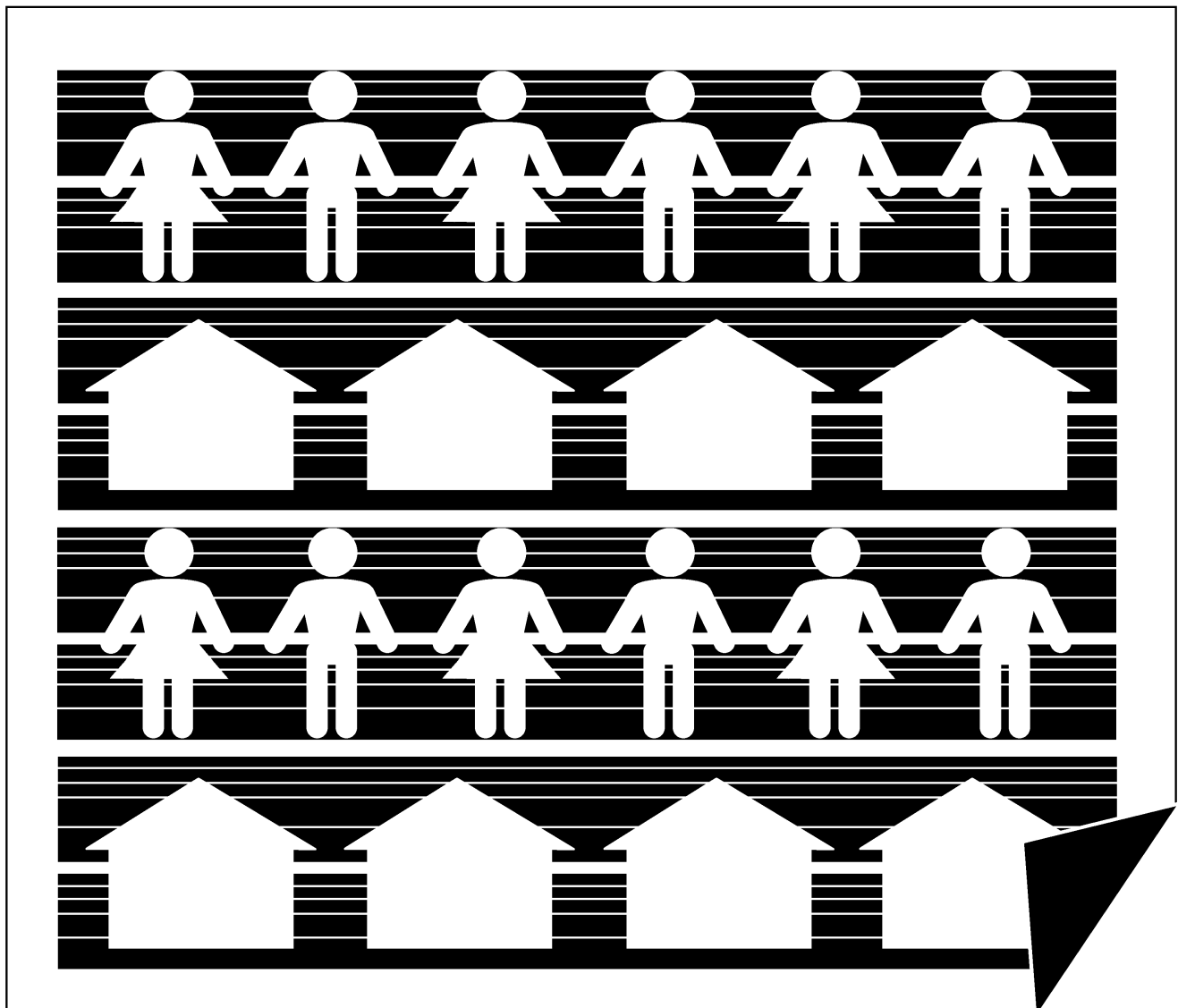
**CENSUS '90**



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1990 Census of  
Population and Housing  
**Population and Housing  
Unit Counts**  
**North Dakota**

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1990 Census of  
Population and Housing  
**Population and Housing  
Unit Counts**  
**North Dakota**

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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 and identifying information at the top of the table.
- Stubhead:** The leftmost column of the table, listing the categories and subcategories.
- Stub:** The vertical column of categories and subcategories on the left side.
- Sidehead:** A column on the left side of the data field, often used for further classification or grouping.
- Boxhead:** The top row of the data field, containing the specific column headers.
- Data field:** The main body of the table containing the numerical data points.

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* 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

#### NORTH DAKOTA

#### User Note 1

Beery township, Hettinger County, is shown as Berry township.

#### User Note 2

Marstonmoor township, Stutsman County, is shown as Marston Moor township.

#### User Note 3

Prairie Centre township, Walsh County, is shown as Prairie Center township.

#### User Note 4

Turtle Mountain unorg., Rolette County, is shown as Turtle Mountains unorg.

#### User Note 5

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

North Dakota was organized as a State from part of Dakota Territory with boundaries as at present and was admitted to the Union in 1889 simultaneously with South Dakota, as the thirty-ninth and fortieth States. The 1870 population for North Dakota is of that part of Dakota Territory which now constitutes North Dakota.

## GEOGRAPHIC CHANGE NOTES

The county subdivisions in this State are minor civil divisions (MCD's) known as townships and unorganized territories. 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. 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

**Adams County**—*Annexations:* Hettinger city, from Hettinger township.

**Barnes County**—*Annexations:* Nome city, from Thordenskjold township; Sibley city, from Sibley Trail township; Valley City city, from Valley township.

**Benson County**—*Annexations*: Leeds city, from Leeds township.

**Billings County**—*Annexations*: Medora city, from South Billings unorganized territory.

**Bottineau County**—*Disincorporated*: Omeme (10 and 3); area reverted to Willow Vale township (combined counts: 82 and 28). *Annexations*: Bottineau city, from Whitteron township; Lansford city, from Lansford township; Maxbass city, from Hastings township; Newburg city, from Tacoma township.

**Bowman County**—*Annexations*: Bowman city, from Bowman township. *Disorganized*: Hart township (1986; 42 and 18); area became Hart unorganized territory.

**Burleigh County**—*Organized*: Richmond township (1984; 58 and 26); area taken from East Burleigh unorganized territory (remaining counts: 32 and 13). *Name change*: Francis township previously shown as Frances township. *Annexations*: Bismarck city, from Apple Creek, Gibbs, Hay Creek, and Lein townships and Bismarck unorganized territory; Lincoln city, from Bismarck unorganized territory. *Detachments*: Bismarck city, to Apple Creek, Gibbs, and Hay Creek townships.

**Cass County**—*Incorporated*: Oxbow city (1988; 28 and 11); area taken from Pleasant township (remaining counts: 370 and 124). *Merged*: Riverside city (1989; 465 and 151) into West Fargo city (combined counts: 10,564 and 3,931). *Annexations*: Buffalo city, from Tower township; Casselton city, from Casselton township; Fargo city, from Barnes, Fargo, Reed, and Stanley townships; Frontier city, from Stanley township; Harwood city, from Harwood township; Horace city, from Stanley township; West Fargo city, from Barnes, Raymond, and Reed townships.

**Cavalier County**—*Annexations*: Langdon city, from Elgin and Manilla townships.

**Dickey County**—*Annexations*: Ellendale city, from Ellendale township; Oakes city, from Bear Creek township.

**Dunn County**—*Annexations*: Halliday city, from Halliday unorganized territory; Killdeer city, from Killdeer unorganized territory.

**Eddy County**—*Annexations*: New Rockford city, from New Rockford township.

**Emmons County**—*Organized*: Lincoln township (1981; 57 and 25); area taken from Northeast Emmons unorganized territory. North Emmons unorganized territory formed from Northeast Emmons unorganized territory. *Annexations*: Linton city, from Northeast Emmons unorganized territory.

**Foster County**—*Incorporated*: Grace City city (1981; 94 and 42); area taken from Larrabee township (remaining counts: 72 and 29). *Annexations*: Carrington city, from Carrington township.

**Grand Forks County**—*Annexations*: Emerado city, from Oakville township; Grand Forks city, from Brenna, Falconer, Grand Forks, and Rye townships; Larimore city, from Larimore township; Manvel city, from Ferry township; Northwood city, from Northwood township; Thompson city, from Walle township.

**Grant County**—*Disorganized*: Buckskin township (1983; 43 and 18); area reverted to West Grant unorganized territory (combined counts: 731 and 509).

**Griggs County**—*Annexations*: Cooperstown city, from Cooperstown township. *Detachments*: Cooperstown city, to Cooperstown township.

**Hettinger County**—*Annexations*: Mott city, from Mott township.

**LaMoure County**—*Name change*: Previously shown as La Moure. *Annexations*: Edgeley city, from Golden Glen township; La Moure city, from Ryan township. *Detachments*: Edgeley city, to Golden Glen township.

**Logan County**—*Disorganized*: Kroeber township (1988; 57 and 18); area reverted to West Logan unorganized territory (combined counts: 411 and 107).

**McHenry County**—*Disincorporated*: Berwick (1988; 22 and 13); area reverted to Berwick township (combined counts: 122 and 48). *Annexations*: Deering city, from Deering township; Velva city, from Velva township.

**McKenzie County**—*Unorganized territory changes*: Southeast McKenzie formed from part of Southwest McKenzie; Pershing abolished and added to Central and North McKenzie; Timber Creek abolished and added to North McKenzie; boundaries of all other areas changed except East McKenzie. *Annexations*: Watford City city, from Central McKenzie and North McKenzie unorganized territories. *Disorganized*: Bear Den township (1984; 61 and 37; area added to Central McKenzie unorganized territory); Ideal township (1989; 131 and 42), area added to Central and North McKenzie unorganized territories; Northfork township (1986; 65 and 29), area added to Central and North McKenzie unorganized territories; Patent Gate township (1986; 14 and 13, area added to North McKenzie unorganized territory); Rhoades township (1985; 183 and 82, area added to Southeast McKenzie unorganized territory); Schaffer township (1990; 223 and 77), area reverted to Central and North McKenzie unorganized territories.

**McLean County**—*Incorporated*: Riverdale city (1986; 344 and 164); area taken from Underwood unorganized territory (remaining counts: 378 and 174). *Disorganized*: Poplar

township (1983; 92 and 29) and Snake Creek township (1988; 58 and 20); both became Poplar unorganized territory. *Annexations:* Garrison city, from North Central McLean unorganized territory; Max city, from Economy township; Underwood city, from Underwood unorganized territory.

**Mercer County**—*Annexations:* Beulah city, from West Mercer unorganized territory; Hazen city, from East Mercer unorganized territory; Pick City city, from East Mercer unorganized territory; Stanton city, from East Mercer unorganized territory. *Detachments:* Hazen city, to East Mercer unorganized territory.

**Morton County**—*Organized:* Captain's Landing township (1980; 8 and 3); area taken from East Morton unorganized territory. *Disorganized:* Curlew township (1981; 96 and 30); area reverted to West Morton unorganized territory. *Annexations:* Glen Ullin city, from West Morton unorganized territory; Mandan city, from Mandan unorganized territory. Part of Mandan unorganized territory added to East Morton unorganized territory. *Detachments:* Mandan city, to Mandan unorganized territory.

**Mountrail County**—*Annexations:* New Town city, from Osborn township; Ross city, from Ross township.

**Oliver County**—*Annexations:* Center city, from East Oliver unorganized territory.

**Pembina County**—*Annexations:* Cavalier city, from Cavalier township.

**Ramsey County**—*Annexations:* Devils Lake city, from Creel township. *Detachments:* Devils Lake city, to Creel township.

**Renville County**—*Annexations:* Glenburn city, from Ensign township; Tolley city, from McKinney township.

**Richland County**—*Annexations:* Hankinson city, from Waldo township; Mantador city, from Belford township; Wahpeton city, from Center township.

**Rolette County**—*Annexations:* Rolla city, from East Rolette unorganized territory.

**Sargent County**—*Annexations:* Gwinner city, from White-stone Hill township.

**Sheridan County**—*Organized:* Rosenfield township (1984; 57 and 22); area taken from North Sheridan unorganized territory (remaining counts: 158 and 53). *MCD change:* Central Sheridan unorganized territory added area from North Sheridan unorganized territory.

**Stark County**—*Annexations:* Belfield city, from West Stark unorganized territory; Dickinson city, from Dickinson North unorganized territory.

**Stutsman County**—*Incorporated:* Buchanan city (1983; 83 and 32); area taken from Buchanan township (remaining counts: 103 and 30). *Annexations:* Jamestown city, from Bloom and Woodbury townships. *Detachments:* Montpelier city, to Montpelier township.

**Towner County**—*Annexations:* Cando city, from Cando township; Rocklake city, from Virginia township. *Detachments:* Cando city.

**Walsh County**—*Annexations:* Grafton city, from Grafton and Oakwood townships; Park River city, from Kensington township.

**Ward County**—*Annexations:* Burlington city, from Burlington township; Kenmare city, from Kenmare township; Minot city, from Harrison and Nedrose townships; Sawyer city, from Sawyer township.

**Wells County**—*Annexations:* Fessenden city, from Oshkosh township.

**Williams County**—*Annexations:* Williston city, from Stony Creek and Williston townships.

## American Indian Areas

**Devils Lake Sioux Reservation**—Reported as Fort Totten Reservation in 1980; boundary changed since 1980.

**Lake Traverse (Sisseton) Reservation**—Reported as Sisseton Reservation in 1980.

**Turtle Mountain 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)-----	638 800	-13 917	-2.1	19	340 339	22 029	6.9	298 461	-35 946	-10.7	53.3	46.7
1980 (Apr. 1)-----	652 717	34 925	5.7	20	318 310	44 868	16.4	334 407	-9 912	-2.9	48.8	51.2
1970 (Apr. 1)-----	617 792	-14 654	-2.3	18	273 442	50 734	22.8	344 319	-65 419	-16.0	44.3	55.7
1960 (Apr. 1)-----	632 446	12 810	2.1	15	222 708	57 891	35.1	409 738	-45 081	-9.9	35.2	64.8
1950 (Apr. 1)-----	619 636	-22 299	-3.5	13	164 817	...	...	454 819	...	...	26.6	73.4
<b>Previous urban definition:</b>												
1960 (Apr. 1)-----	632 446	12 810	2.1	15	221 694	56 877	34.5	410 752	-44 067	-9.7	35.1	64.9
1950 (Apr. 1)-----	619 636	-22 299	-3.5	13	164 817	32 894	24.9	454 819	-55 193	-10.8	26.6	73.4
1940 (Apr. 1)-----	641 935	-38 910	-5.7	12	131 923	18 617	16.4	510 012	-67 527	-10.1	20.6	79.4
1930 (Apr. 1)-----	680 845	33 973	5.3	12	113 306	25 067	28.4	567 539	8 906	1.6	16.6	83.4
1920 (Jan. 1)-----	646 872	69 816	12.1	12	88 239	25 003	39.5	558 633	44 813	8.7	13.6	86.4
1910 (Apr. 15)-----	577 056	257 910	80.8	10	63 236	39 823	170.1	513 820	218 087	73.7	11.0	89.0
1900 (June 1)-----	319 146	128 163	67.1	4	23 413	12 770	120.0	295 733	115 393	64.0	7.3	92.7
1890 (June 1)-----	190 983	154 074	417.4	2	10 643	7 950	295.2	180 340	146 124	427.1	5.6	94.4
1880 (June 1)-----	36 909	34 504	1 000.0+	1	2 693	2 693	...	34 216	31 811	1 000.0+	7.3	92.7
1870 (June 1)-----	2 405	...	...	-	-	...	...	2 405	...	...	-	100.0

**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)-----	276 340	17 568	6.8	139 382	17 301	14.2	136 958	267	.2	50.4	49.6		
1980 (Apr. 1)-----	258 772	54 537	26.7	122 081	38 059	45.3	136 691	16 491	13.7	47.2	52.8		
1970 (Apr. 1)-----	204 235	9 638	5.0	84 022	17 845	27.0	120 200	-8 220	-6.4	41.1	58.9		
1960 (Apr. 1)-----	194 597	18 828	10.7	66 177	19 967	43.2	128 420	-1 139	-9	34.0	66.0		
1950 (Apr. 1)-----	175 769	...	...	46 210	...	...	129 559	...	...	26.3	73.7		



POPULATION AND HOUSING UNIT COUNTS

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]

State County	Population						Housing units					
	1990	1980	1970	1960	1950	1940	1990	1980	1970	1960	1950	1940
The State -----	638 800	652 717	617 792	632 446	619 636	641 935	276 340	258 772	204 235	194 597	175 769	162 881
COUNTY												
Adams County -----	3 174	3 584	3 832	4 449	4 910	4 664	1 504	1 563	1 317	1 418	1 454	1 372
Barnes County -----	12 545	13 960	14 669	16 719	16 884	17 814	5 801	5 976	5 302	5 151	4 939	4 791
Benson County -----	7 198	7 944	8 245	9 435	10 675	12 629	3 163	3 084	2 718	3 003	3 086	3 093
Billings County -----	1 108	1 138	1 198	1 513	1 777	2 531	533	517	392	429	487	614
Bottineau County -----	8 011	9 239	9 496	11 315	12 140	13 253	4 661	4 679	4 009	4 219	3 878	3 800
Bowman County -----	3 596	4 229	3 901	4 154	4 001	3 860	1 691	1 722	1 365	1 371	1 272	1 165
Burke County -----	3 002	3 822	4 739	5 886	6 621	7 653	1 691	1 816	1 813	2 202	2 241	2 194
Burleigh County -----	60 131	54 811	40 714	34 016	25 673	22 736	23 803	20 848	12 983	10 311	7 185	5 790
Cass County -----	102 874	88 247	73 653	66 947	58 877	52 849	42 407	35 215	24 278	20 679	16 506	13 722
Cavalier County -----	6 064	7 636	8 213	10 064	11 840	13 923	3 038	3 123	2 932	3 213	3 332	3 426
Dickey County -----	6 107	7 207	6 976	8 147	9 121	9 696	2 763	2 838	2 471	2 605	2 665	2 516
Divide County -----	2 899	3 494	4 564	5 566	5 967	7 086	1 667	1 783	1 667	2 008	2 022	2 216
Dunn County -----	4 005	4 627	4 895	6 350	7 212	8 376	2 057	1 849	1 605	1 851	1 869	1 973
Eddy County -----	2 951	3 554	4 103	4 936	5 372	5 741	1 470	1 541	1 477	1 518	1 509	1 439
Emmons County -----	4 830	5 877	7 200	8 462	9 715	11 699	2 200	2 322	2 167	2 317	2 478	2 379
Foster County -----	3 983	4 611	4 832	5 361	5 337	5 824	1 876	1 827	1 649	1 635	1 551	1 497
Golden Valley County -----	2 108	2 391	2 611	3 100	3 499	3 498	1 035	1 033	915	995	1 034	1 015
Grand Forks County -----	70 683	66 100	61 102	48 677	39 443	34 518	27 085	24 563	18 192	14 185	10 788	9 004
Grant County -----	3 549	4 274	5 009	6 248	7 114	8 264	2 011	1 969	1 649	1 886	1 875	2 002
Griggs County -----	3 303	3 714	4 184	5 023	5 460	5 818	1 660	1 739	1 658	1 684	1 640	1 611
Hettinger County -----	3 445	4 275	5 075	6 317	7 100	7 457	1 637	1 668	1 579	1 810	1 845	1 833
Kidder County -----	3 332	3 833	4 362	5 386	6 168	6 692	1 672	1 740	1 505	1 615	1 685	1 632
LaMoure County -----	5 383	6 473	7 117	8 705	9 498	10 298	2 434	2 527	2 550	2 639	2 647	2 627
Logan County -----	2 847	3 493	4 245	5 369	6 357	7 561	1 335	1 422	1 384	1 586	1 616	1 637
McHenry County -----	6 528	7 858	8 977	11 099	12 556	14 034	3 320	3 437	3 223	3 505	3 615	3 594
McIntosh County -----	4 021	4 800	5 545	6 702	7 590	8 984	2 031	2 197	1 982	2 153	2 150	2 061
McKenzie County -----	6 383	7 132	6 127	7 296	6 849	8 426	3 178	2 944	2 227	2 451	2 183	2 519
McLean County -----	10 457	12 383	11 251	14 030	18 824	16 082	5 515	5 754	4 282	4 723	5 356	4 051
Mercer County -----	9 808	9 404	6 175	6 805	8 686	9 611	4 496	3 978	2 253	2 336	2 375	2 197
Morton County -----	23 700	25 177	20 310	20 992	19 295	20 184	9 467	9 382	6 317	6 091	5 204	4 659
Mountrail County -----	7 021	7 679	8 437	10 077	9 418	10 482	3 675	3 201	3 176	3 254	3 060	3 017
Nelson County -----	4 410	5 233	5 807	7 034	8 090	9 129	2 261	2 442	2 214	2 416	2 449	2 337
Oliver County -----	2 381	2 495	2 322	2 610	3 091	3 859	968	960	753	749	813	898
Pembina County -----	9 238	10 399	10 728	12 946	13 990	15 671	4 294	4 438	3 894	4 001	3 979	3 809
Pierce County -----	5 052	6 166	6 323	7 394	8 326	9 208	2 355	2 376	2 076	2 185	2 271	2 108
Ramsay County -----	12 681	13 048	12 915	13 443	14 373	15 626	5 616	5 259	4 387	4 121	4 049	3 981
Ransom County -----	5 921	6 698	7 102	8 078	8 876	10 061	2 569	2 712	2 602	2 633	2 608	2 581
Renville County -----	3 160	3 608	3 828	4 698	5 405	5 533	1 558	1 530	1 395	1 628	1 711	1 617
Richland County -----	18 148	19 207	18 089	18 824	19 865	20 519	7 394	7 182	5 749	5 719	5 535	4 983
Rolette County -----	12 772	12 177	11 549	10 641	11 102	12 583	4 742	3 923	3 015	2 675	2 702	2 751
Sargent County -----	4 549	5 512	5 937	6 856	7 616	8 693	2 057	2 210	2 025	2 032	2 141	2 228
Sheridan County -----	2 148	2 819	3 232	4 350	5 253	6 616	1 061	1 180	1 202	1 386	1 486	1 568
Sioux County -----	3 761	3 620	3 632	3 662	3 696	4 419	1 175	1 062	943	851	862	1 043
Slope County -----	907	1 157	1 484	1 893	2 315	2 932	481	513	477	622	702	897
Stark County -----	22 832	23 697	19 613	18 451	16 137	15 414	9 585	8 487	5 748	5 103	4 194	3 599
Steele County -----	2 420	3 106	3 749	4 719	5 145	6 193	1 311	1 447	1 394	1 549	1 528	1 564
Stutsman County -----	22 241	24 154	23 550	25 137	24 158	23 495	9 770	9 663	7 741	7 037	6 285	5 676
Towner County -----	3 627	4 052	4 645	5 624	6 360	7 200	1 770	1 692	1 684	1 855	1 938	1 888
Trails County -----	8 752	9 571	9 624	10 583	11 359	12 300	3 770	3 926	3 529	3 412	3 342	3 042
Walsh County -----	13 840	15 371	16 251	17 997	18 859	20 747	6 093	6 153	5 307	5 508	5 199	4 814
Ward County -----	57 921	58 392	58 392	47 072	34 782	31 981	23 585	21 521	17 402	14 098	10 130	8 567
Wells County -----	5 864	6 979	7 847	9 237	10 417	11 198	2 869	2 886	2 881	3 025	3 017	2 913
Williams County -----	21 129	22 237	19 301	22 051	16 442	16 315	10 180	8 953	6 780	7 149	5 281	4 571

4 NORTH DAKOTA

POPULATION AND HOUSING UNIT COUNTS

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

[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>The State</b> .....	<b>178 695.2</b>	<b>68 994.3</b>	<b>638 800</b>	<b>3.6</b>	<b>9.3</b>	<b>276 340</b>	<b>1.5</b>	<b>4.0</b>	<b>-2.0</b>	<b>5.7</b>	<b>6.8</b>	<b>26.7</b>
<b>COUNTY</b>												
Adams County .....	2 558.8	988.0	3 174	1.2	3.2	1 504	.6	1.5	-11.3	-6.4	-3.7	18.7
Barnes County .....	3 863.7	1 491.8	12 545	3.2	8.4	5 801	1.5	3.9	-10.0	-4.7	-2.8	12.7
Benson County .....	3 596.4	1 388.6	7 198	2.0	5.2	3 163	.9	2.3	-9.3	-3.6	2.6	13.5
Billings County .....	2 982.4	1 151.5	1 108	.4	1.0	533	.2	.5	-2.5	-4.9	3.1	31.9
Bottineau County .....	4 321.9	1 668.7	8 011	1.9	4.8	4 661	1.1	2.8	-13.2	-2.6	-3	16.7
Bowman County .....	3 009.8	1 162.1	3 596	1.2	3.1	1 691	.6	1.5	-14.9	8.4	-1.7	26.2
Burke County .....	2 858.3	1 103.6	3 002	1.1	2.7	1 691	.6	1.5	-21.4	-19.3	-6.8	.2
Burleigh County .....	4 229.9	1 633.2	60 131	14.2	36.8	23 803	5.6	14.6	9.7	34.6	14.2	60.6
Cass County .....	4 573.3	1 765.7	102 874	22.5	58.3	42 407	9.3	24.0	16.6	19.8	20.4	45.0
Cavalier County .....	3 856.7	1 489.1	6 064	1.6	4.1	3 038	.8	2.0	-20.5	-6.9	-2.6	6.5
Dickey County .....	2 929.5	1 131.1	6 107	2.1	5.4	2 763	.9	2.4	-15.2	3.3	-2.5	14.9
Divide County .....	3 261.9	1 259.4	2 899	.9	2.3	1 667	.5	1.3	-16.9	-23.3	-6.4	7.0
Dunn County .....	5 205.9	2 010.0	4 005	.8	2.0	2 057	.4	1.0	-13.3	-5.4	11.2	15.2
Eddy County .....	1 637.1	632.1	2 951	1.8	4.7	1 470	.9	2.3	-16.9	-13.3	-4.5	4.3
Emmons County .....	3 910.9	1 510.0	4 830	1.2	3.2	2 200	.6	1.5	-17.7	-18.3	-5.2	7.2
Emmons County .....	1 645.3	635.3	3 983	2.4	6.3	1 876	1.1	3.0	-13.5	-4.5	2.7	10.8
Foster Valley County .....	2 595.2	1 002.0	2 108	.8	2.1	1 035	.4	1.0	-11.7	-8.3	10.3	12.9
Golden Forks County .....	3 724.1	1 437.9	70 683	19.0	49.2	27 085	7.3	18.8	6.9	8.2	10.3	35.0
Grant County .....	4 298.3	1 659.6	3 549	.8	2.1	2 011	.5	1.2	-16.9	-14.6	2.1	19.4
Griggs County .....	1 835.1	708.5	3 303	1.8	4.7	1 660	.9	2.3	-11.0	-11.1	-4.4	4.9
Hettinger County .....	2 932.7	1 132.3	3 445	1.2	3.0	1 637	.6	1.4	-19.3	-15.7	-1.8	5.6
Kidder County .....	3 500.8	1 351.6	3 332	1.0	2.5	1 672	.5	1.2	-13.0	-12.0	-3.8	15.6
LaMoure County .....	2 971.3	1 147.2	5 383	1.8	4.7	2 434	.8	2.1	-16.7	-8.9	-3.6	-8
Logan County .....	2 571.1	992.7	2 847	1.1	2.9	1 335	.5	1.3	-18.4	-17.6	-6.0	2.7
McHenry County .....	4 854.2	1 874.2	6 528	1.3	3.5	3 320	.7	1.8	-16.8	-12.4	-3.3	6.6
McIntosh County .....	2 526.0	975.3	4 021	1.6	4.1	2 031	.8	2.1	-16.1	-13.3	-7.5	10.8
McKenzie County .....	7 102.2	2 742.2	6 383	.9	2.3	3 178	.4	1.2	-10.4	16.4	7.9	32.2
McLean County .....	5 466.0	2 110.4	10 457	1.9	5.0	5 515	1.0	2.6	-15.5	10.1	-4.1	34.4
Mercer County .....	2 707.7	1 045.4	9 808	3.6	9.4	4 496	1.7	4.3	4.3	52.3	13.0	76.6
Morton County .....	4 989.4	1 926.4	23 700	4.8	12.3	9 467	1.9	4.9	-5.8	24.0	.9	48.5
Mountrail County .....	4 724.2	1 824.0	7 021	1.5	3.8	3 675	.8	2.0	-8.5	-8.9	14.8	.8
Nelson County .....	2 542.6	981.7	4 410	1.7	4.5	2 261	.9	2.3	-15.6	-9.8	-7.3	10.3
Oliver County .....	1 874.0	723.6	2 381	1.3	3.3	968	.5	1.3	-4.5	7.5	.8	27.5
Pembina County .....	2 897.7	1 118.8	9 238	3.2	8.3	4 294	1.5	3.8	-11.1	-3.0	-3.1	14.0
Pierce County .....	2 636.4	1 017.9	5 052	1.9	5.0	2 355	.9	2.3	-18.0	-2.4	-8	14.5
Ramsay County .....	3 072.3	1 186.2	12 681	4.1	10.7	5 616	1.8	4.7	-2.7	1.0	6.8	19.9
Ransom County .....	2 234.6	862.8	5 921	2.6	6.9	2 569	1.1	3.0	-11.5	-5.6	-5.2	4.2
Renville County .....	2 265.7	874.8	3 160	1.4	3.6	1 558	.7	1.8	-12.3	-5.6	1.8	9.7
Richland County .....	3 721.6	1 436.9	18 148	4.9	12.6	7 394	2.0	5.1	-5.4	6.2	3.0	24.9
Rolette County .....	2 337.6	902.5	12 772	5.5	14.2	4 742	2.0	5.3	4.9	5.4	20.9	30.1
Sargent County .....	2 224.3	858.8	4 549	2.0	5.3	2 057	.9	2.4	-17.4	-7.1	-6.8	9.1
Sheridan County .....	2 517.0	971.8	2 148	.9	2.2	1 061	.4	1.1	-23.7	-12.7	-10.0	-1.7
Sioux County .....	2 834.0	1 094.2	3 761	1.3	3.4	1 175	.4	1.1	3.9	-2	10.6	12.6
Slope County .....	3 154.5	1 218.0	907	.3	.7	481	.2	.4	-21.5	-21.9	-6.1	7.5
Stark County .....	3 466.1	1 338.3	22 832	6.6	17.1	9 585	2.8	7.2	-3.6	20.8	12.9	47.7
Steele County .....	1 845.1	712.4	2 420	1.3	3.4	1 311	.7	1.8	-22.0	-17.1	-9.3	3.8
Stutsman County .....	5 753.7	2 221.5	22 241	3.9	10.0	9 770	1.7	4.4	-7.8	2.6	1.1	24.8
Towner County .....	2 655.7	1 025.4	3 627	1.4	3.5	1 770	.7	1.7	-10.4	-12.7	4.6	.5
Traill County .....	2 232.4	861.9	8 752	3.9	10.2	3 770	1.7	4.4	-9.0	.6	-3.9	11.2
Walsh County .....	3 320.4	1 282.0	13 840	4.2	10.8	6 093	1.8	4.8	-9.9	-5.3	-9	15.9
Ward County .....	5 213.6	2 013.0	57 921	11.1	28.8	23 585	4.5	11.7	-7	-2	9.6	23.7
Wells County .....	3 292.8	1 271.4	5 864	1.8	4.6	2 869	.9	2.3	-15.9	-11.0	-5	.2
Williams County .....	5 362.7	2 070.6	21 129	3.9	10.2	10 180	1.9	4.9	-4.9	15.2	13.7	32.1

Table 5. Population by Urban and Rural Residence: 1990

[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>The State</b> .....	<b>638 800</b>	<b>340 339</b>	<b>202 334</b>	<b>138 005</b>	<b>79 343</b>	<b>58 662</b>	<b>298 461</b>	<b>134 333</b>	<b>54 448</b>	<b>79 885</b>	<b>164 128</b>	<b>53.3</b>	<b>31.7</b>	<b>46.7</b>	<b>6.9</b>	<b>-10.7</b>
<b>COUNTY</b>																
Adams County .....	3 174	-	-	-	-	-	3 174	1 885	1 574	311	1 289	-	-	100.0	-	-11.4
Barnes County .....	12 545	7 163	-	7 163	-	7 163	5 382	1 329	-	1 329	4 053	57.1	-	42.9	-7.9	-13.0
Benson County .....	7 198	-	-	-	-	-	7 198	2 849	-	2 849	4 349	-	-	100.0	-	-9.4
Billings County .....	1 108	-	-	-	-	-	1 108	101	-	101	1 007	-	-	100.0	-	-2.6
Bottineau County .....	8 011	2 598	-	2 598	-	2 598	5 413	1 675	-	1 675	3 738	32.4	-	67.6	-8.2	-15.6
Bowman County .....	3 596	-	-	-	-	-	3 596	2 243	1 741	502	1 353	-	-	100.0	-	-15.0
Burke County .....	3 002	-	-	-	-	-	3 002	1 710	-	1 710	1 292	-	-	100.0	-	-21.5
Burleigh County .....	60 131	51 161	51 161	-	-	-	8 970	435	-	435	8 535	85.1	85.1	14.9	12.6	-4.3
Cass County .....	102 874	86 413	86 413	-	-	-	16 461	7 448	1 601	5 847	9 013	84.0	84.0	16.0	20.1	1.2
Cavalier County .....	6 064	-	-	-	-	-	6 064	3 351	2 241	1 110	2 713	-	-	100.0	-	-20.6
Dickey County .....	6 107	-	-	-	-	-	6 107	3 826	3 573	253	2 281	-	-	100.0	-	-15.3
Divide County .....	2 899	-	-	-	-	-	2 899	1 644	1 312	332	1 255	-	-	100.0	-	-17.0
Dunn County .....	4 005	-	-	-	-	-	4 005	1 273	-	1 273	2 732	-	-	100.0	-	-13.4
Eddy County .....	2 951	-	-	-	-	-	2 951	1 676	1 604	272	1 075	-	-	100.0	-	-17.0
Emmons County .....	4 830	-	-	-	-	-	4 830	2 368	1 410	958	2 462	-	-	100.0	-	-17.8
Foster County .....	3 983	-	-	-	-	-	3 983	2 578	2 267	311	1 405	-	-	100.0	-100.0	102.2
Golden Valley County .....	2 108	-	-	-	-	-	2 108	1 385	1 205	180	723	-	-	100.0	-	-11.8
Grant County .....	70 683	58 788	49 445	9 343	-	9 343	11 895	4 913	2 630	2 283	6 982	83.2	70.0	16.8	10.6	-8.1
Grant County .....	3 549	-	-	-	-	-	3 549	1 517	-	1 517	2 032	-	-	100.0	-	-17.0
Griggs County .....	3 303	-	-	-	-	-	3 303	1 684	1 247	437	1 619	-	-	100.0	-	-11.1
Hettinger County .....	3 445	-	-	-	-	-	3 445	1 950	1 019	931	1 495	-	-	100.0	-	-19.4
Kidder County .....	3 332	-	-	-	-	-	3 332	1 419	-	1 419	1 913	-	-	100.0	-	-13.1
LaMoure County .....	5 383	-	-	-	-	-	5 383	2 605	-	2 605	2 778	-	-	100.0	-	-16.8
Logan County .....	2 847	-	-	-	-	-	2 847	1 490	-	1 490	1 357	-	-	100.0	-	-18.5
McHenry County .....	6 528	-	-	-	-	-	6 528	3 106	-	3 106	3 422	-	-	100.0	-	-16.9
McIntosh County .....	4 021	-	-	-	-	-	4 021	2 597	2 223	374	1 424	-	-	100.0	-	-16.2
McKenzie County .....	6 383	-	-	-	-	-	6 383	2 807	1 784	1 023	3 576	-	-	100.0	-	-10.5
McLean County .....	10 457	-	-	-	-	-	10 457	6 484	3 036	3 448	3 973	-	-	100.0	-	-15.6
Mercer County .....	9 808	6 181	-	6 181	-	6 181	3 627	1 246	-	1 246	2 381	63.0	-	37.0	112.6	-44.2
Morton County .....	23 700	15 315	15 315	-	-	-	8 385	3 158	-	3 158	5 227	64.6	64.6	35.4	-2.2	-11.9
Mountrail County .....	7 021	-	-	-	-	-	7 021	4 124	2 759	1 365	2 897	-	-	100.0	-	-8.6
Nelson County .....	4 410	-	-	-	-	-	4 410	2 734	-	2 734	1 676	-	-	100.0	-	-15.7
Oliver County .....	2 381	-	-	-	-	-	2 381	826	-	826	1 555	-	-	100.0	-	-4.6
Pembina County .....	9 238	-	-	-	-	-	9 238	5 666	2 639	3 027	3 572	-	-	100.0	-	-11.2
Pierce County .....	5 052	2 909	-	2 909	-	2 909	2 143	159	-	159	1 984	57.6	-	42.4	-12.8	-24.3
Ramsey County .....	12 681	7 782	-	7 782	-	7 782	4 899	1 022	-	1 022	3 877	61.4	-	38.6	4.6	-12.6
Ransom County .....	5 921	-	-	-	-	-	5 921	3 449	2 177	1 272	2 472	-	-	100.0	-	-11.6
Renville County .....	3 160	-	-	-	-	-	3 160	1 759	-	1 759	1 401	-	-	100.0	-	-12.4
Richland County .....	18 148	8 751	-	8 751	-	8 751	9 397	3 955	1 038	2 917	5 442	48.2	-	51.8	-3.5	-7.4
Rolette County .....	12 772	-	-	-	-	-	12 772	6 081	3 744	2 337	6 691	-	-	100.0	-	4.9
Sargent County .....	4 549	-	-	-	-	-	4 549	2 402	-	2 402	2 147	-	-	100.0	-	-17.5
Sheridan County .....	2 148	-	-	-	-	-	2 148	801	-	801	1 347	-	-	100.0	-	-23.8
Sioux County .....	3 761	-	-	-	-	-	3 761	1 219	-	1 219	2 542	-	-	100.0	-	3.9
Slope County .....	907	-	-	-	-	-	907	168	-	168	739	-	-	100.0	-	-21.6
Stark County .....	22 832	16 097	-	16 097	16 097	-	6 735	2 221	-	2 221	4 514	70.5	-	29.5	1.1	-13.4
Steele County .....	2 420	-	-	-	-	-	2 420	984	-	984	1 436	-	-	100.0	-	-22.1
Stutsman County .....	22 241	15 571	-	15 571	15 571	-	6 670	1 276	-	1 276	5 394	70.0	-	30.0	-4.4	-15.3
Towner County .....	3 627	-	-	-	-	-	3 627	2 172	1 564	608	1 455	-	-	100.0	-	-10.5
Traill County .....	8 752	-	-	-	-	-	8 752	5 729	3 580	2 149	3 023	-	-	100.0	-	-9.1
Walsh County .....	13 840	4 840	-	4 840	-	4 840	9 000	4 005	1 725	2 280	4 995	35.0	-	65.0	-8.6	-10.7
Ward County .....	57 921	43 639	-	43 639	34 544	9 095	14 282	4 652	1 214	3 438	9 630	75.3	-	24.7	2.1	-8.9
Wells County .....	5 864	-	-	-	-	-	5 864	3 446	2 263	1 183	2 418	-	-	100.0	-100.0	31.7
Williams County .....	21 129	13 131	-	13 131	13 131	-	7 998	2 531	1 278	1 253	5 467	62.1	-	37.9	-1.5	-10.1

6 NORTH DAKOTA

POPULATION AND HOUSING UNIT COUNTS

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

[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>The State</b> .....	<b>276 340</b>	<b>139 382</b>	<b>82 503</b>	<b>56 879</b>	<b>34 701</b>	<b>22 178</b>	<b>136 958</b>	<b>64 340</b>	<b>25 261</b>	<b>39 079</b>	<b>72 618</b>	<b>50.4</b>	<b>29.9</b>	<b>49.6</b>	<b>14.2</b>	<b>.2</b>
<b>COUNTY</b>																
Adams County .....	1 504	-	-	-	-	-	1 504	935	769	166	569	-	-	100.0	-	-3.8
Barnes County .....	5 801	3 222	-	3 222	-	3 222	2 579	715	-	715	1 864	55.5	-	44.5	-1.3	-4.8
Benson County .....	3 163	-	-	-	-	-	3 163	1 360	-	1 360	1 803	-	-	100.0	-	2.6
Billings County .....	533	-	-	-	-	-	533	77	-	77	456	-	-	100.0	-	3.1
Bottineau County .....	4 661	1 164	-	1 164	-	1 164	3 497	923	-	923	2 574	25.0	-	75.0	2.1	-1.2
Bowman County .....	1 691	-	-	-	-	-	1 691	1 109	837	272	582	-	-	100.0	-	-1.8
Burke County .....	1 691	-	-	-	-	-	1 691	981	-	981	710	-	-	100.0	-	-6.9
Burleigh County .....	23 803	20 659	20 659	-	-	-	3 144	207	-	207	2 937	86.8	86.8	13.2	17.0	-1.7
Cass County .....	42 407	36 291	36 291	-	-	-	6 116	2 854	664	2 190	3 262	85.6	85.6	14.4	24.5	.9
Cavalier County .....	3 038	-	-	-	-	-	3 038	1 735	1 109	626	1 303	-	-	100.0	-	-2.7
Dickey County .....	2 763	-	-	-	-	-	2 763	1 735	1 594	141	1 028	-	-	100.0	-	-2.6
Divide County .....	1 687	-	-	-	-	-	1 687	928	687	241	739	-	-	100.0	-	-6.5
Dunn County .....	2 057	-	-	-	-	-	2 057	703	-	703	1 354	-	-	100.0	-	11.2
Eddy County .....	1 470	-	-	-	-	-	1 470	915	760	155	555	-	-	100.0	-	-4.6
Emmons County .....	2 200	-	-	-	-	-	2 200	1 141	684	457	1 059	-	-	100.0	-	-5.3
Foster County .....	1 876	-	-	-	-	-	1 876	1 215	1 047	168	661	-	-	100.0	-100.0	139.3
Golden Valley County .....	1 035	-	-	-	-	-	1 035	721	614	107	314	-	-	100.0	-	2
Grant County .....	27 085	22 215	19 597	2 618	-	2 618	4 870	2 127	1 157	970	2 743	82.0	72.4	18.0	14.5	-5.8
Grant County .....	2 011	-	-	-	-	-	2 011	847	-	847	1 164	-	-	100.0	-	2.1
Griggs County .....	1 660	-	-	-	-	-	1 660	816	595	221	844	-	-	100.0	-	-4.5
Hettinger County .....	1 637	-	-	-	-	-	1 637	1 011	506	505	626	-	-	100.0	-	-1.9
Kidder County .....	1 672	-	-	-	-	-	1 672	728	-	728	944	-	-	100.0	-	-3.9
LaMoure County .....	2 434	-	-	-	-	-	2 434	1 297	-	1 297	1 137	-	-	100.0	-	-3.7
Logan County .....	1 335	-	-	-	-	-	1 335	745	-	745	590	-	-	100.0	-	-6.1
McHenry County .....	3 320	-	-	-	-	-	3 320	1 760	-	1 760	1 560	-	-	100.0	-	-3.4
McIntosh County .....	2 031	-	-	-	-	-	2 031	1 345	1 117	228	686	-	-	100.0	-	-7.6
McKenzie County .....	3 178	-	-	-	-	-	3 178	1 337	913	424	1 841	-	-	100.0	-	7.9
McLean County .....	5 515	-	-	-	-	-	5 515	3 083	1 387	1 696	2 432	-	-	100.0	-	-4.2
Mercer County .....	4 496	2 555	-	2 555	-	2 555	1 941	660	-	660	1 281	56.8	-	43.2	115.8	-30.5
Morton County .....	9 467	5 956	5 956	-	-	-	3 511	1 595	-	1 595	1 916	62.9	62.9	37.1	2.0	-9
Mountrail County .....	3 675	-	-	-	-	-	3 675	1 917	1 231	686	1 758	-	-	100.0	-	14.8
Nelson County .....	2 261	-	-	-	-	-	2 261	1 383	-	1 383	878	-	-	100.0	-	-7.4
Oliver County .....	968	-	-	-	-	-	968	351	-	351	617	-	-	100.0	-	.8
Pembina County .....	4 294	-	-	-	-	-	4 294	2 650	1 269	1 381	1 644	-	-	100.0	-	-3.2
Pierce County .....	2 355	1 369	-	1 369	-	1 369	986	115	-	115	871	58.1	-	41.9	1.4	-3.9
Ramsey County .....	5 616	3 325	-	3 325	-	3 325	2 291	503	-	503	1 788	59.2	-	40.8	10.1	2.3
Ransom County .....	2 569	-	-	-	-	-	2 569	1 570	940	630	999	-	-	100.0	-	-5.3
Renville County .....	1 558	-	-	-	-	-	1 558	814	-	814	744	-	-	100.0	-	1.8
Richland County .....	7 394	3 317	-	3 317	-	3 317	4 077	1 922	510	1 412	2 155	44.9	-	55.1	11.4	-3.0
Rolette County .....	4 742	-	-	-	-	-	4 742	2 354	1 477	877	2 388	-	-	100.0	-	20.9
Sargent County .....	2 057	-	-	-	-	-	2 057	1 136	-	1 136	921	-	-	100.0	-	-6.9
Sheridan County .....	1 061	-	-	-	-	-	1 061	445	-	445	616	-	-	100.0	-	-10.1
Sioux County .....	1 175	-	-	-	-	-	1 175	408	-	408	767	-	-	100.0	-	10.6
Slope County .....	481	-	-	-	-	-	481	121	-	121	360	-	-	100.0	-	-6.2
Stark County .....	9 585	6 838	-	6 838	6 838	-	2 747	1 062	-	1 062	1 685	71.3	-	28.7	15.8	6.3
Steele County .....	1 311	-	-	-	-	-	1 311	554	-	554	757	-	-	100.0	-	-9.4
Stutsman County .....	9 770	6 740	-	6 740	6 740	-	3 030	794	-	794	2 236	69.0	-	31.0	3.9	-4.7
Towner County .....	1 770	-	-	-	-	-	1 770	1 060	722	338	710	-	-	100.0	-	4.6
Traill County .....	3 770	-	-	-	-	-	3 770	2 508	1 580	928	1 262	-	-	100.0	-	-4.0
Walsh County .....	6 093	2 033	-	2 033	-	2 033	4 060	1 930	793	1 137	2 130	33.4	-	66.6	8.6	-5.2
Ward County .....	23 585	17 615	-	17 615	15 040	2 575	5 970	2 061	637	1 424	3 909	74.7	-	25.3	12.6	1.6
Wells County .....	2 869	-	-	-	-	-	2 869	1 751	1 060	691	1 118	-	-	100.0	-100.0	52.0
Williams County .....	10 180	6 083	-	6 083	6 083	-	4 097	1 326	602	724	2 771	59.8	-	40.2	18.0	7.9

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	178 695.2	438.6	231.4	207.1	107.0	100.1	178 256.6	1 063.6	121.1	942.5	177 193.1	.2	.1	99.8			
Square miles	68 994.3	169.3	89.4	80.0	41.3	38.7	68 825.0	410.6	46.7	363.9	68 414.3	.2	.1	99.8			
<b>COUNTY</b>																	
<b>Adams County</b>																	
Square kilometers	2 558.8	—	—	—	—	—	2 558.8	4.3	2.2	2.2	2 554.5	—	—	100.0			
Square miles	988.0	—	—	—	—	—	988.0	1.7	.8	.8	986.3	—	—	100.0			
<b>Barnes County</b>																	
Square kilometers	3 863.7	8.4	—	8.4	—	8.4	3 855.2	17.0	—	17.0	3 838.2	.2	—	99.8			
Square miles	1 491.8	3.3	—	3.3	—	3.3	1 488.5	6.6	—	6.6	1 481.9	.2	—	99.8			
<b>Benson County</b>																	
Square kilometers	3 596.4	—	—	—	—	—	3 596.4	29.2	—	29.2	3 567.2	—	—	100.0			
Square miles	1 388.6	—	—	—	—	—	1 388.6	11.3	—	11.3	1 377.3	—	—	100.0			
<b>Billings County</b>																	
Square kilometers	2 982.4	—	—	—	—	—	2 982.4	1.0	—	1.0	2 981.4	—	—	100.0			
Square miles	1 151.5	—	—	—	—	—	1 151.5	.4	—	.4	1 151.1	—	—	100.0			
<b>Bottineau County</b>																	
Square kilometers	4 321.9	2.7	—	2.7	—	2.7	4 319.2	7.3	—	7.3	4 311.8	.1	—	99.9			
Square miles	1 668.7	1.0	—	1.0	—	1.0	1 667.6	2.8	—	2.8	1 664.8	.1	—	99.9			
<b>Bowman County</b>																	
Square kilometers	3 009.8	—	—	—	—	—	3 009.8	12.0	3.3	8.7	2 997.8	—	—	100.0			
Square miles	1 162.1	—	—	—	—	—	1 162.1	4.6	1.3	3.4	1 157.4	—	—	100.0			
<b>Burke County</b>																	
Square kilometers	2 858.3	—	—	—	—	—	2 858.3	9.0	—	9.0	2 849.3	—	—	100.0			
Square miles	1 103.6	—	—	—	—	—	1 103.6	3.5	—	3.5	1 100.1	—	—	100.0			
<b>Burleigh County</b>																	
Square kilometers	4 229.9	68.2	68.2	—	—	—	4 161.8	4.6	—	4.6	4 157.2	1.6	1.6	98.4			
Square miles	1 633.2	26.3	26.3	—	—	—	1 606.9	1.8	—	1.8	1 605.1	1.6	1.6	98.4			
<b>Cass County</b>																	
Square kilometers	4 573.3	99.3	99.3	—	—	—	4 474.0	55.4	2.9	52.5	4 418.6	2.2	2.2	97.8			
Square miles	1 765.7	38.3	38.3	—	—	—	1 727.4	21.4	1.1	20.3	1 706.0	2.2	2.2	97.8			
<b>Cavalier County</b>																	
Square kilometers	3 856.7	—	—	—	—	—	3 856.7	176.5	4.3	172.1	3 680.3	—	—	100.0			
Square miles	1 489.1	—	—	—	—	—	1 489.1	68.1	1.7	66.5	1 420.9	—	—	100.0			
<b>Dickey County</b>																	
Square kilometers	2 929.5	—	—	—	—	—	2 929.5	12.3	7.7	4.7	2 917.2	—	—	100.0			
Square miles	1 131.1	—	—	—	—	—	1 131.1	4.8	3.0	1.8	1 126.3	—	—	100.0			
<b>Divide County</b>																	
Square kilometers	3 261.9	—	—	—	—	—	3 261.9	8.2	2.2	6.1	3 253.7	—	—	100.0			
Square miles	1 259.4	—	—	—	—	—	1 259.4	3.2	.8	2.3	1 256.2	—	—	100.0			
<b>Dunn County</b>																	
Square kilometers	5 205.9	—	—	—	—	—	5 205.9	6.1	—	6.1	5 199.8	—	—	100.0			
Square miles	2 010.0	—	—	—	—	—	2 010.0	2.4	—	2.4	2 007.6	—	—	100.0			
<b>Eddy County</b>																	
Square kilometers	1 637.1	—	—	—	—	—	1 637.1	3.8	3.4	.4	1 633.3	—	—	100.0			
Square miles	632.1	—	—	—	—	—	632.1	1.5	1.3	.2	630.6	—	—	100.0			
<b>Emmons County</b>																	
Square kilometers	3 910.9	—	—	—	—	—	3 910.9	4.6	1.9	2.7	3 906.2	—	—	100.0			
Square miles	1 510.0	—	—	—	—	—	1 510.0	1.8	.7	1.1	1 508.2	—	—	100.0			
<b>Foster County</b>																	
Square kilometers	1 645.3	—	—	—	—	—	1 645.3	6.1	3.8	2.3	1 639.2	—	—	100.0			
Square miles	635.3	—	—	—	—	—	635.3	2.4	1.5	.9	632.9	—	—	100.0			
<b>Golden Valley County</b>																	
Square kilometers	2 595.2	—	—	—	—	—	2 595.2	8.5	4.7	3.8	2 586.7	—	—	100.0			
Square miles	1 002.0	—	—	—	—	—	1 002.0	3.3	1.8	1.5	998.7	—	—	100.0			
<b>Grand Forks County</b>																	
Square kilometers	3 724.1	59.5	37.5	22.0	—	22.0	3 664.6	12.7	3.8	8.9	3 651.9	1.6	1.0	98.4			
Square miles	1 437.9	23.0	14.5	8.5	—	8.5	1 414.9	4.9	1.5	3.4	1 410.0	1.6	1.0	98.4			
<b>Grant County</b>																	
Square kilometers	4 298.3	—	—	—	—	—	4 298.3	18.0	—	18.0	4 280.3	—	—	100.0			
Square miles	1 659.6	—	—	—	—	—	1 659.6	7.0	—	7.0	1 652.6	—	—	100.0			
<b>Griggs County</b>																	
Square kilometers	1 835.1	—	—	—	—	—	1 835.1	3.6	2.1	1.5	1 831.6	—	—	100.0			
Square miles	708.5	—	—	—	—	—	708.5	1.4	.8	.6	707.2	—	—	100.0			
<b>Hettinger County</b>																	
Square kilometers	2 932.7	—	—	—	—	—	2 932.7	5.4	2.7	2.7	2 927.3	—	—	100.0			
Square miles	1 132.3	—	—	—	—	—	1 132.3	2.1	1.0	1.0	1 130.2	—	—	100.0			
<b>Kidder County</b>																	
Square kilometers	3 500.8	—	—	—	—	—	3 500.8	7.3	—	7.3	3 493.5	—	—	100.0			
Square miles	1 351.6	—	—	—	—	—	1 351.6	2.8	—	2.8	1 348.8	—	—	100.0			

8 NORTH DAKOTA

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>LaMoore County</b>														
Square kilometers	2 971.3	—	—	—	—	2 971.3	10.2	—	10.2	2 961.1	—	—	—	100.0
Square miles	1 147.2	—	—	—	—	1 147.2	3.9	—	3.9	1 143.3	—	—	—	100.0
<b>Logan County</b>														
Square kilometers	2 571.1	—	—	—	—	2 571.1	5.8	—	5.8	2 565.3	—	—	—	100.0
Square miles	992.7	—	—	—	—	992.7	2.2	—	2.2	990.5	—	—	—	100.0
<b>McHenry County</b>														
Square kilometers	4 854.2	—	—	—	—	4 854.2	21.7	—	21.7	4 832.5	—	—	—	100.0
Square miles	1 874.2	—	—	—	—	1 874.2	8.4	—	8.4	1 865.8	—	—	—	100.0
<b>McIntosh County</b>														
Square kilometers	2 526.0	—	—	—	—	2 526.0	6.6	5.4	1.2	2 519.4	—	—	—	100.0
Square miles	975.3	—	—	—	—	975.3	2.6	2.1	.5	972.7	—	—	—	100.0
<b>McKenzie County</b>														
Square kilometers	7 102.2	—	—	—	—	7 102.2	39.6	4.1	35.5	7 062.6	—	—	—	100.0
Square miles	2 742.2	—	—	—	—	2 742.2	15.3	1.6	13.7	2 726.9	—	—	—	100.0
<b>McLean County</b>														
Square kilometers	5 466.0	—	—	—	—	5 466.0	30.6	7.9	22.7	5 435.4	—	—	—	100.0
Square miles	2 110.4	—	—	—	—	2 110.4	11.8	3.1	8.8	2 098.6	—	—	—	100.0
<b>Mercer County</b>														
Square kilometers	2 707.7	9.4	—	9.4	—	2 698.3	5.9	—	5.9	2 692.4	.3	—	—	99.7
Square miles	1 045.4	3.6	—	3.6	—	1 041.8	2.3	—	2.3	1 039.5	.3	—	—	99.7
<b>Morton County</b>														
Square kilometers	4 989.4	26.5	26.5	—	—	4 963.0	18.4	—	18.4	4 944.6	.5	.5	—	99.5
Square miles	1 926.4	10.2	10.2	—	—	1 916.2	7.1	—	7.1	1 909.1	.5	.5	—	99.5
<b>Mountrail County</b>														
Square kilometers	4 724.2	—	—	—	—	4 724.2	20.6	6.0	14.6	4 703.6	—	—	—	100.0
Square miles	1 824.0	—	—	—	—	1 824.0	7.9	2.3	5.6	1 816.1	—	—	—	100.0
<b>Nelson County</b>														
Square kilometers	2 542.6	—	—	—	—	2 542.6	15.6	—	15.6	2 526.9	—	—	—	100.0
Square miles	981.7	—	—	—	—	981.7	6.0	—	6.0	975.6	—	—	—	100.0
<b>Oliver County</b>														
Square kilometers	1 874.0	—	—	—	—	1 874.0	.9	—	.9	1 873.1	—	—	—	100.0
Square miles	723.6	—	—	—	—	723.6	.3	—	.3	723.2	—	—	—	100.0
<b>Pembina County</b>														
Square kilometers	2 897.7	—	—	—	—	2 897.7	15.3	4.6	10.7	2 882.4	—	—	—	100.0
Square miles	1 118.8	—	—	—	—	1 118.8	5.9	1.8	4.1	1 112.9	—	—	—	100.0
<b>Pierce County</b>														
Square kilometers	2 636.4	4.9	—	4.9	—	2 631.5	2.3	—	2.3	2 629.2	.2	—	—	99.8
Square miles	1 017.9	1.9	—	1.9	—	1 016.0	.9	—	.9	1 015.1	.2	—	—	99.8
<b>Ramsey County</b>														
Square kilometers	3 072.3	13.3	—	13.3	—	3 059.0	9.3	—	9.3	3 049.7	.4	—	—	99.6
Square miles	1 186.2	5.1	—	5.1	—	1 181.1	3.6	—	3.6	1 177.5	.4	—	—	99.6
<b>Ransom County</b>														
Square kilometers	2 234.6	—	—	—	—	2 234.6	10.5	5.8	4.7	2 224.1	—	—	—	100.0
Square miles	862.8	—	—	—	—	862.8	4.1	2.2	1.8	858.7	—	—	—	100.0
<b>Renville County</b>														
Square kilometers	2 265.7	—	—	—	—	2 265.7	5.4	—	5.4	2 260.3	—	—	—	100.0
Square miles	874.8	—	—	—	—	874.8	2.1	—	2.1	872.7	—	—	—	100.0
<b>Richland County</b>														
Square kilometers	3 721.6	12.8	—	12.8	—	3 708.7	18.7	3.6	15.1	3 690.0	.3	—	—	99.7
Square miles	1 436.9	5.0	—	5.0	—	1 431.9	7.2	1.4	5.8	1 424.7	.3	—	—	99.7
<b>Rolette County</b>														
Square kilometers	2 337.6	—	—	—	—	2 337.6	32.2	17.3	14.9	2 305.4	—	—	—	100.0
Square miles	902.5	—	—	—	—	902.5	12.4	6.7	5.7	890.1	—	—	—	100.0
<b>Sargent County</b>														
Square kilometers	2 224.3	—	—	—	—	2 224.3	13.0	—	13.0	2 211.3	—	—	—	100.0
Square miles	858.8	—	—	—	—	858.8	5.0	—	5.0	853.8	—	—	—	100.0
<b>Sheridan County</b>														
Square kilometers	2 517.0	—	—	—	—	2 517.0	2.0	—	2.0	2 515.0	—	—	—	100.0
Square miles	971.8	—	—	—	—	971.8	.8	—	.8	971.0	—	—	—	100.0
<b>Sioux County</b>														
Square kilometers	2 834.0	—	—	—	—	2 834.0	226.3	—	226.3	2 607.7	—	—	—	100.0
Square miles	1 094.2	—	—	—	—	1 094.2	87.4	—	87.4	1 006.8	—	—	—	100.0
<b>Slope County</b>														
Square kilometers	3 154.5	—	—	—	—	3 154.5	8.2	—	8.2	3 146.3	—	—	—	100.0
Square miles	1 218.0	—	—	—	—	1 218.0	3.2	—	3.2	1 214.8	—	—	—	100.0
<b>Stark County</b>														
Square kilometers	3 466.1	25.8	—	25.8	25.8	3 440.2	6.1	—	6.1	3 434.1	.7	—	—	99.3
Square miles	1 338.3	10.0	—	10.0	10.0	1 328.3	2.4	—	2.4	1 325.9	.7	—	—	99.3

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			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	Other rural	Total		Inside urban-ized area
<b>COUNTY—Con.</b>														
<b>Steele County</b>														
Square kilometers .....	1 845.1	—	—	—	—	—	1 845.1	15.3	—	15.3	1 829.8	—	—	100.0
Square miles .....	712.4	—	—	—	—	—	712.4	5.9	—	5.9	706.5	—	—	100.0
<b>Stutsman County</b>														
Square kilometers .....	5 753.7	28.8	—	28.8	28.8	—	5 724.9	11.4	—	11.4	5 713.5	.5	—	99.5
Square miles .....	2 221.5	11.1	—	11.1	11.1	—	2 210.4	4.4	—	4.4	2 206.0	.5	—	99.5
<b>Towner County</b>														
Square kilometers .....	2 655.7	—	—	—	—	—	2 655.7	28.0	1.6	26.4	2 627.7	—	—	100.0
Square miles .....	1 025.4	—	—	—	—	—	1 025.4	10.8	.6	10.2	1 014.5	—	—	100.0
<b>Trails County</b>														
Square kilometers .....	2 232.4	—	—	—	—	—	2 232.4	12.8	6.6	6.2	2 219.6	—	—	100.0
Square miles .....	861.9	—	—	—	—	—	861.9	4.9	2.6	2.4	857.0	—	—	100.0
<b>Walsh County</b>														
Square kilometers .....	3 320.4	7.9	—	7.9	—	7.9	3 312.5	20.5	5.4	15.1	3 292.0	.2	—	99.8
Square miles .....	1 282.0	3.0	—	3.0	—	3.0	1 279.0	7.9	2.1	5.8	1 271.1	.2	—	99.8
<b>Ward County</b>														
Square kilometers .....	5 213.6	53.0	—	53.0	34.3	18.7	5 160.6	14.4	2.0	12.3	5 146.2	1.0	—	99.0
Square miles .....	2 013.0	20.5	—	20.5	13.3	7.2	1 992.5	5.5	.8	4.8	1 987.0	1.0	—	99.0
<b>Wells County</b>														
Square kilometers .....	3 292.8	—	—	—	—	—	3 292.8	7.9	2.9	5.0	3 284.9	—	—	100.0
Square miles .....	1 271.4	—	—	—	—	—	1 271.4	3.1	1.1	1.9	1 268.3	—	—	100.0
<b>Williams County</b>														
Square kilometers .....	5 362.7	18.0	—	18.0	18.0	—	5 344.7	14.9	2.8	12.1	5 329.9	.3	—	99.7
Square miles .....	2 070.6	6.9	—	6.9	6.9	—	2 063.6	5.7	1.1	4.7	2 057.9	.3	—	99.7

Table 8. 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.]

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
<b>The State</b> .....	<b>638 800</b>	<b>652 717</b>	<b>617 792</b>	<b>276 340</b>	<b>258 772</b>	<b>204 235</b>	<b>183 123.0</b>	<b>70 703.9</b>	<b>178 695.2</b>	<b>68 994.3</b>	<b>3.6</b>	<b>9.3</b>	<b>1.5</b>	<b>4.0</b>
Adams County † .....	3 174	3 584	3 832	1 504	1 563	1 317	2 561.2	988.9	2 558.8	988.0	1.2	3.2	.6	1.5
Beisigl township .....	25	37	44	10	13	(NA)	93.5	36.1	93.5	36.1	.3	.7	.1	.3
Bucyrus city .....	22	32	42	14	22	20	9.2	3.3	9.2	3.3	24.4	73.3	15.6	46.7
Bucyrus township .....	36	49	60	20	25	(NA)	92.2	35.6	92.2	35.6	.4	1.0	.2	.6
Cedar township .....	21	30	57	10	18	(NA)	81.8	31.6	81.8	31.6	.3	.7	.1	.3
Central Adams unorg. ....	95	91	56	40	47	(NA)	186.4	72.0	186.3	71.9	.5	1.3	.2	.6
Chandler township .....	29	23	37	12	12	(NA)	93.4	36.1	93.3	36.0	.3	.8	.1	.3
Clermont township .....	32	38	50	15	15	(NA)	93.1	35.9	93.0	35.9	.3	.9	.2	.4
Darling Springs township .....	31	42	66	18	18	(NA)	80.6	31.1	80.6	31.1	.4	1.0	.2	.6
Duck Creek township .....	41	32	55	13	14	(NA)	93.2	36.0	93.2	36.0	.4	1.1	.1	.4
East Adams unorg. ....	146	186	...	70	73	...	465.2	179.6	465.1	179.6	.3	.8	.2	.4
Gilstrap township .....	36	28	44	12	16	(NA)	93.3	36.0	93.3	36.0	.4	1.0	.1	.3
Haynes city .....	37	58	53	16	27	22	.3	.1	.3	.1	123.3	370.0	53.3	160.0
Hettinger city † .....	1 574	1 739	1 655	769	776	604	2.2	.8	2.2	.8	715.5	1 967.5	349.5	961.3
Hettinger township .....	218	192	168	102	73	(NA)	90.9	35.1	90.4	34.9	2.4	6.2	1.1	2.9
Holden township .....	44	43	55	16	17	(NA)	93.2	36.0	93.2	36.0	.5	1.2	.2	.4
Lemmon unorg. ....	30	47	87	16	14	(NA)	92.6	35.8	92.5	35.7	.3	.8	.2	.4
Lightning Creek township .....	22	27	33	14	12	(NA)	93.6	36.1	93.6	36.1	.2	.6	.1	.4
Maine township .....	32	34	44	12	20	(NA)	82.1	31.7	82.1	31.7	.4	1.0	.1	.4
North Lemmon township .....	81	109	146	34	49	(NA)	93.8	36.2	93.6	36.1	.9	2.2	.4	.9
Orange township .....	40	48	53	20	20	(NA)	93.2	36.0	92.9	35.9	.4	1.1	.2	.6
Reeder city .....	252	355	306	136	147	119	.9	.4	.9	.4	280.0	630.0	151.1	340.0
Reeder township .....	51	63	90	27	27	(NA)	91.9	35.5	91.5	35.3	.6	1.4	.3	.8
Scott township .....	150	139	142	54	52	(NA)	93.3	36.0	93.1	35.9	1.6	4.2	.6	1.5
South Fork township .....	17	14	36	10	10	(NA)	93.1	36.0	93.1	36.0	.2	.5	.1	.3
Taylor Butte township .....	34	41	40	13	13	(NA)	92.9	35.9	92.9	35.9	.4	.9	.1	.4
Whetstone township .....	26	41	49	11	10	(NA)	80.6	31.1	80.5	31.1	.3	.8	.1	.4
Wolf Butte township .....	52	46	60	20	23	(NA)	93.1	35.9	92.9	35.9	.6	1.4	.2	.6
<b>Barnes County †</b> .....	<b>12 545</b>	<b>13 960</b>	<b>14 669</b>	<b>5 801</b>	<b>5 976</b>	<b>5 302</b>	<b>3 919.6</b>	<b>1 513.3</b>	<b>3 863.7</b>	<b>1 491.8</b>	<b>3.2</b>	<b>8.4</b>	<b>1.5</b>	<b>3.9</b>
Alta township .....	107	116	163	45	41	(NA)	93.6	36.1	93.6	36.1	1.1	3.0	.5	1.2
Anderson township .....	64	70	107	31	31	(NA)	93.7	36.2	92.8	35.8	.7	1.8	.3	.9
Ashtabula township .....	119	100	130	159	139	(NA)	93.5	36.1	94.7	32.7	1.4	3.6	1.9	4.9
Baldwin township .....	39	56	66	23	30	(NA)	94.0	36.3	92.1	35.6	.4	1.1	.2	.6
Binghamton township .....	113	118	145	45	46	(NA)	92.4	35.7	92.2	35.6	1.2	3.2	.5	1.3
Brimer township .....	70	82	68	29	28	(NA)	93.1	35.9	91.9	35.5	.8	2.0	.3	.8
Cuba township .....	85	93	107	35	33	(NA)	92.7	35.8	92.6	35.8	.9	2.4	.4	1.0
Dazey city .....	129	143	128	52	54	56	1.0	.4	1.0	.4	129.0	322.5	52.0	130.0
Dazey township .....	72	76	90	29	34	(NA)	91.6	35.4	90.6	35.0	.8	2.1	.3	.8
Eckelson township .....	100	146	160	54	56	(NA)	94.3	36.4	90.7	35.0	1.1	2.9	.6	1.5
Edna township .....	95	100	104	37	38	(NA)	92.8	35.8	89.4	34.5	1.1	2.8	.4	1.1
Elsbury township .....	59	77	90	23	28	(NA)	93.1	36.0	93.1	36.0	.6	1.6	.2	.6
Fingal city .....	138	151	166	69	68	69	1.0	.4	1.0	.4	138.0	345.0	69.0	172.5
Getchell township .....	81	75	81	42	41	(NA)	92.8	35.8	90.1	34.8	.9	2.3	.5	1.2
Grand Prairie township .....	43	53	78	23	29	(NA)	93.8	36.2	93.8	36.2	.5	1.2	.2	.6
Green township .....	88	113	143	44	48	(NA)	92.8	35.8	91.6	35.4	1.0	2.5	.5	1.2
Greenland township .....	75	92	133	31	36	(NA)	93.6	36.1	93.6	36.1	.8	2.1	.3	.9
Hemen township .....	50	64	76	22	25	(NA)	93.5	36.1	91.1	35.2	.5	1.4	.2	.6
Hobart township .....	137	197	172	55	61	(NA)	93.4	36.1	89.0	34.4	1.5	4.0	.6	1.6
Kathryn city .....	72	95	109	46	52	56	1.5	.6	1.5	.6	48.0	120.0	30.7	76.7
Lake Town township .....	56	78	98	29	34	(NA)	92.0	35.5	89.4	34.5	.6	1.6	.3	.8
Leal city .....	35	45	41	16	17	20	.3	.1	.3	.1	116.7	350.0	53.3	160.0
Litchville city .....	205	251	294	125	138	134	3.8	1.5	3.8	1.5	53.9	136.7	32.9	83.3
Mansfield township .....	38	43	72	23	20	(NA)	93.8	36.2	92.4	35.7	.4	1.1	.2	.6
Marsh township .....	246	209	154	85	78	(NA)	93.0	35.9	92.9	35.9	2.6	6.9	.9	2.4
Meadow Lake township .....	95	97	115	36	36	(NA)	94.1	36.3	94.0	36.3	1.0	2.6	.4	1.0
Minnie Lake township .....	75	84	86	32	34	(NA)	93.6	36.1	93.6	36.1	.8	2.1	.3	.9
Nelson township .....	79	87	94	30	34	(NA)	93.3	36.0	93.2	36.0	.8	2.2	.3	.8
Noltmier township .....	91	117	102	38	48	(NA)	93.4	36.1	93.1	35.9	1.0	2.5	.4	1.1
Nome city † .....	67	67	103	33	46	47	1.0	.4	1.0	.4	67.0	167.5	33.0	82.5
Norma township .....	58	79	120	27	33	(NA)	93.3	36.0	92.5	35.7	.6	1.6	.3	.8
Oakhill township .....	95	119	127	42	44	(NA)	91.8	35.5	91.6	35.4	1.0	2.7	.5	1.2
Oriska city .....	103	125	128	48	55	45	.7	.3	.7	.3	147.1	343.3	68.6	160.0
Oriska township .....	128	128	104	48	37	(NA)	91.0	35.1	90.8	35.1	1.4	3.6	.5	1.4
Pierce township .....	79	97	140	34	35	(NA)	91.7	35.4	91.3	35.2	.9	2.2	.4	1.0
Pillsbury city .....	31	46	50	18	17	24	.6	.2	.6	.2	51.7	155.0	30.0	90.0
Potter township .....	90	97	83	40	34	(NA)	92.1	35.6	84.9	32.8	1.1	2.7	.5	1.2
Raritan township .....	139	138	148	59	55	(NA)	93.2	36.0	93.2	36.0	1.5	3.9	.6	1.6
Rogers city .....	69	68	96	33	41	39	2.5	1.0	2.5	1.0	27.6	69.0	13.2	33.0
Rogers township .....	44	70	99	27	31	(NA)	90.6	35.0	90.1	34.8	.5	1.3	.3	.8



POPULATION AND HOUSING UNIT COUNTS

NORTH DAKOTA 11

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	
Barnes County †—Con.															
Rosebud township	65	86	106	31	47	(NA)	90.8	35.1	90.6	35.0	.7	1.9	.3	.9	
Sanborn city	164	237	255	80	93	86	1.4	.5	1.4	.5	117.1	328.0	57.1	160.0	
Sibley city †	41	21	20	53	44	40	.1	—	.1	—	410.0	—	530.0	—	
Sibley Trail township	78	118	146	82	90	(NA)	93.5	36.1	87.8	33.9	.9	2.3	.9	2.4	
Skandia township	67	76	109	29	33	(NA)	93.0	35.9	91.1	35.2	.7	1.9	.3	.8	
Spring Creek township	84	87	136	47	54	(NA)	92.0	35.5	91.9	35.5	.9	2.4	.5	1.3	
Springvale township	82	112	124	30	33	(NA)	92.9	35.9	92.9	35.9	.9	2.3	.3	.8	
Stewart township	88	117	104	42	46	(NA)	93.5	36.1	93.5	36.1	.9	2.4	.4	1.2	
Svea township	67	78	84	33	35	(NA)	93.0	35.9	93.0	35.9	.7	1.9	.4	.9	
Thordenskjold township	95	107	137	43	55	(NA)	92.3	35.6	92.3	35.6	1.0	2.7	.5	1.3	
Tower City city (pt.)	—	—	2	2	1	1	1.6	.6	1.6	.6	—	—	—	1.3	
Uxbridge township	106	113	118	44	40	(NA)	93.1	35.9	91.0	35.1	1.2	3.0	.5	1.3	
Valley township	539	565	...	179	184	...	85.2	32.9	85.1	32.9	6.3	16.4	2.1	5.4	
Valley City city †	7 163	7 774	7 843	3 222	3 266	2 705	8.4	3.3	8.4	3.3	852.7	2 170.6	383.6	976.4	
Weimer township	72	77	103	27	27	(NA)	93.2	36.0	93.2	36.0	.8	2.0	.3	.8	
Wimbledon city	275	330	337	140	143	122	1.2	.5	1.2	.5	229.2	550.0	116.7	280.0	
Benson County †	7 198	7 944	8 245	3 163	3 084	2 718	3 728.0	1 439.4	3 596.4	1 388.6	2.0	5.2	.9	2.3	
Albert township	81	83	109	36	37	(NA)	93.1	36.0	92.3	35.6	.9	2.3	.4	1.0	
Arne township	57	85	91	32	28	(NA)	92.9	35.9	91.5	35.3	.6	1.6	.3	.9	
Aurora township	35	51	96	24	39	(NA)	93.2	36.0	92.6	35.7	.4	1.0	.3	.7	
Beaver township	35	46	55	17	20	(NA)	92.8	35.8	85.4	33.0	.4	1.1	.2	.5	
Brinsmade city	21	54	36	17	28	26	.2	.1	.2	.1	105.0	210.0	85.0	170.0	
Broe township	55	89	117	32	38	(NA)	93.4	36.0	91.9	35.5	.6	1.5	.3	.9	
Butte Valley township	113	143	192	55	56	(NA)	93.3	36.0	91.6	35.4	1.2	3.2	.6	1.6	
East Fork township	49	51	76	19	17	(NA)	92.6	35.8	92.5	35.7	.5	1.4	.2	.5	
Eldon township	70	74	86	32	40	(NA)	93.4	36.0	93.1	36.0	.8	1.9	.3	.9	
Esmond city	196	337	416	126	143	147	1.2	.5	1.2	.5	163.3	392.0	105.0	252.0	
Esmond township	73	114	143	35	37	(NA)	92.3	35.6	89.9	34.7	.8	2.1	.4	1.0	
Fort Totten unorg.	1 359	1 141	...	431	278	...	90.9	35.1	84.0	32.4	16.2	41.9	5.1	13.3	
Fort Totten CDP	867	...	...	241	...	...	19.7	7.6	19.2	7.4	45.2	117.2	12.6	32.6	
Hesper township	86	110	111	41	39	(NA)	93.5	36.1	91.6	35.4	.9	2.4	.4	1.2	
Impark township	65	71	132	37	42	(NA)	93.2	36.0	82.0	31.7	.8	2.1	.5	1.2	
Iowa township	30	35	63	9	13	(NA)	92.9	35.9	86.9	33.6	.3	.9	.1	.3	
Irvine township	43	63	102	28	27	(NA)	94.8	36.6	93.0	35.9	.5	1.2	.3	.8	
Isabel township	93	114	138	40	39	(NA)	93.5	36.1	91.9	35.5	1.0	2.6	.4	1.1	
Knox city	45	69	104	25	40	41	1.3	.5	1.3	.5	34.6	90.0	19.2	50.0	
Knox township	55	52	115	22	25	(NA)	94.3	36.4	92.8	35.8	.6	1.5	.2	.6	
Lake Ibsen township	35	41	81	23	26	(NA)	93.0	35.9	87.1	33.6	.4	1.0	.3	.7	
Lallie township	295	290	129	91	69	(NA)	140.8	54.4	126.7	48.9	2.3	6.0	.7	1.9	
Lallie North unorg.	16	21	...	9	11	...	73.9	28.5	63.8	24.6	.3	.7	.1	.4	
Leeds city †	542	678	626	302	330	291	1.2	.5	1.2	.5	451.7	1 084.0	251.7	604.0	
Leeds township	86	101	85	41	44	(NA)	94.2	36.4	92.5	35.7	.9	2.4	.4	1.1	
Lohnes township	26	13	33	18	11	(NA)	53.8	20.8	51.4	19.8	.5	1.3	.4	.9	
McClellan township	69	64	95	28	27	(NA)	93.2	36.0	92.8	35.8	.7	1.9	.3	.8	
Maddock city	559	677	708	298	319	281	2.3	.9	2.3	.9	243.0	621.1	129.6	331.1	
Minco township	44	51	45	16	19	(NA)	75.2	29.0	74.1	28.6	.6	1.5	.2	.6	
Minnewaukan city	401	461	496	203	210	188	.7	.3	.7	.3	572.9	1 336.7	290.0	676.7	
Mission township	1 044	857	691	300	215	(NA)	116.0	44.8	102.5	39.6	10.2	26.4	2.9	7.6	
Normania township	63	74	91	31	39	(NA)	93.0	35.9	89.1	34.4	.7	1.8	.3	.9	
North Viking township	82	95	103	37	38	(NA)	91.1	35.2	90.7	35.0	.9	2.3	.4	1.1	
Oberon city	103	150	151	64	75	71	.9	.3	.9	.3	114.4	343.3	71.1	213.3	
Oberon township	87	137	153	42	55	(NA)	150.2	58.0	148.8	57.5	.6	1.5	.3	.7	
Pleasant Lake township	73	104	127	30	35	(NA)	94.7	36.6	88.1	34.0	.8	2.1	.3	.9	
Rich Valley township	59	93	109	26	27	(NA)	93.3	36.0	93.1	36.0	.6	1.6	.3	.7	
Riggin township	78	92	111	39	35	(NA)	124.4	48.0	120.7	46.6	.6	1.7	.3	.8	
Rock township	55	58	81	24	30	(NA)	94.2	36.4	93.4	36.1	.6	1.5	.3	.7	
South Viking township	74	80	103	35	35	(NA)	92.8	35.8	92.2	35.6	.8	2.1	.4	1.0	
Twin Lake township	63	77	106	23	24	(NA)	93.1	36.0	87.7	33.9	.7	1.9	.3	.7	
Twin Tree township	66	53	58	22	21	(NA)	94.7	36.6	94.2	36.4	.7	1.8	.2	.6	
Warwick city	80	108	168	49	67	71	2.6	1.0	1.7	.7	47.1	114.3	28.8	70.0	
Warwick township	45	54	88	35	24	(NA)	93.3	36.0	87.4	33.7	.5	1.3	.4	1.0	
West Antelope township	44	60	75	21	31	(NA)	93.0	35.9	92.9	35.9	.5	1.2	.2	.6	
West Bay township	83	114	182	34	36	(NA)	92.0	35.5	90.8	35.0	.9	2.4	.4	1.0	
Wood Lake township	391	440	344	206	170	(NA)	93.3	36.0	90.1	34.8	4.3	11.2	2.3	5.9	
York city	35	69	102	35	45	47	.6	.2	.6	.2	58.3	175.0	58.3	175.0	
York township	39	50	72	23	30	(NA)	94.1	36.3	93.4	36.1	.4	1.1	.2	.6	
Billings County †	1 108	1 138	1 198	533	517	392	2 987.5	1 153.5	2 982.4	1 151.5	.4	1.0	.2	.5	
Medora city †	101	94	129	77	82	49	1.0	.4	1.0	.4	101.0	252.5	77.0	192.5	
North Billings unorg.	729	717	...	291	303	...	2 095.0	808.9	2 090.0	806.9	.3	.9	.1	.4	
South Billings unorg.	278	327	...	165	132	...	891.6	344.2	891.4	344.2	.3	.8	.2	.5	

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
Bottineau County †	8 011	9 239	9 496	4 661	4 679	4 009	4 397.4	1 697.8	4 321.9	1 668.7	1.9	4.8	1.1	2.8
Amity township	47	69	87	22	21	(NA)	93.6	36.1	93.3	36.0	.5	1.3	.2	.6
Antler city	74	101	135	55	51	57	.5	.2	.5	.2	148.0	370.0	110.0	275.0
Antler township	83	102	115	41	39	(NA)	113.0	43.6	112.9	43.6	.7	1.9	.4	.9
Bentnick township	52	85	62	25	27	(NA)	93.2	36.0	92.6	35.8	.6	1.5	.3	.7
Blaine township	37	37	61	14	18	(NA)	93.3	36.0	93.3	36.0	.4	1.0	.2	.4
Bottineau city †	2 598	2 829	2 760	1 164	1 140	907	2.7	1.0	2.7	1.0	962.2	2 598.0	431.1	1 164.0
Brander township	53	65	89	30	27	(NA)	93.2	36.0	92.5	35.7	.6	1.5	.3	.8
Cecil township	36	42	56	19	20	(NA)	91.6	35.3	91.1	35.2	.4	1.0	.2	.5
Chatfield township	61	74	90	27	22	(NA)	93.0	35.9	92.9	35.9	.7	1.7	.3	.8
Cordelia township	110	119	132	48	41	(NA)	92.6	35.7	89.6	34.6	1.2	3.2	.5	1.4
Cut Bank township	81	102	101	35	31	(NA)	93.1	35.9	93.0	35.9	.9	2.3	.4	1.0
Dalen township	131	137	151	83	63	(NA)	113.4	42.7	110.6	42.7	1.2	3.1	.8	1.9
Eidsvold township	63	93	122	46	51	(NA)	154.4	59.6	152.1	58.7	.4	1.1	.3	.8
Elms township	58	74	90	27	26	(NA)	93.5	36.1	93.4	36.1	.6	1.6	.3	.7
Elysian township	62	89	82	27	29	(NA)	92.7	35.8	92.5	35.7	.7	1.7	.3	.8
Gardena city	41	66	84	28	31	27	.9	.3	.9	.3	45.6	136.7	31.1	93.3
Haram township	92	98	129	42	50	(NA)	113.0	43.6	112.8	43.6	.8	2.1	.4	1.0
Hastings township	74	121	96	38	45	(NA)	92.9	35.9	92.8	35.8	.8	2.1	.4	1.1
Hoffman township	14	15	30	7	7	(NA)	92.9	35.9	92.6	35.7	.2	.4	.1	.2
Homen township	129	124	141	126	94	(NA)	115.3	44.5	100.3	38.7	1.3	3.3	1.3	3.3
Kane township	92	115	111	36	35	(NA)	85.0	32.8	81.7	31.5	1.1	2.9	.4	1.1
Kramer city	51	84	125	46	47	64	.4	.2	.4	.2	127.5	255.0	115.0	230.0
Landa city	38	62	61	29	37	39	.2	.1	.2	.1	190.0	380.0	145.0	290.0
Lansford city †	249	294	296	130	133	117	.9	.3	.9	.3	276.7	830.0	144.4	433.3
Lansford township	65	92	77	28	31	(NA)	92.2	35.6	92.2	35.6	.7	1.8	.3	.8
Lewis township	45	50	49	21	17	(NA)	92.9	35.9	92.9	35.9	.5	1.3	.2	.6
Lordsburg township	32	53	66	19	19	(NA)	93.7	36.2	91.5	35.3	.3	.9	.2	.5
Maxbass city †	123	141	174	77	79	84	.4	.2	.4	.2	307.5	615.0	192.5	385.0
Mount Rose township	65	63	81	27	24	(NA)	93.2	36.0	93.2	36.0	.7	1.8	.3	.8
Newborg township	54	74	66	25	28	(NA)	93.3	36.0	92.2	35.6	.6	1.5	.3	.7
Newburg city †	104	151	125	66	66	45	.3	.1	.3	.1	346.7	1 040.0	220.0	660.0
Oak Creek township	41	49	61	23	23	(NA)	91.7	35.4	91.7	35.4	.4	1.2	.3	.6
Oak Valley township	62	83	82	32	31	(NA)	93.4	36.1	93.2	36.0	.7	1.7	.3	.9
Ostby township	73	102	115	32	37	(NA)	91.9	35.5	91.9	35.5	.8	2.1	.3	.9
Overyly city	25	25	28	13	13	17	.9	.4	.9	.4	27.8	62.5	14.4	32.5
Peabody township	12	33	35	10	15	(NA)	93.4	36.1	92.3	35.6	.1	.3	.1	.3
Pickering township	218	200	189	89	67	(NA)	92.1	35.6	92.1	35.6	2.4	6.1	1.0	2.5
Renville township	36	50	67	24	19	(NA)	93.2	36.0	93.0	35.9	.4	1.0	.3	.7
Richburg township	98	99	126	36	30	(NA)	117.5	45.4	112.2	43.3	.9	2.3	.3	.8
Roland township	426	433	274	961	1 011	(NA)	113.8	43.9	98.6	38.1	4.3	11.2	9.7	25.2
Russell city	14	18	14	4	7	8	.7	.3	.7	.3	20.0	46.7	5.7	13.3
Scandia township	88	108	130	48	51	(NA)	113.7	43.9	113.7	43.9	.8	2.0	.4	1.1
Scotia township	89	84	114	42	46	(NA)	106.9	41.3	104.0	40.2	.9	2.2	.4	1.0
Sergius township	91	116	134	38	41	(NA)	126.3	48.8	123.6	47.7	.7	1.9	.3	.8
Sherman township	76	73	93	35	33	(NA)	93.1	35.9	93.1	35.9	.8	2.1	.4	1.0
Souris city	97	122	151	57	62	65	.2	.1	.2	.1	485.0	970.0	285.0	570.0
Starbuck township	29	40	88	22	26	(NA)	102.5	39.6	99.7	38.5	.3	.8	.2	.6
Stone Creek township	32	55	62	17	20	(NA)	75.5	29.2	74.1	28.6	.4	1.1	.2	.6
Tacoma township	93	94	102	40	39	(NA)	108.4	41.8	101.5	39.2	.9	2.4	.4	1.0
Wayne township	36	44	58	18	20	(NA)	113.6	43.8	112.8	43.6	.3	.8	.2	.4
Wellington township	53	68	89	24	27	(NA)	93.4	36.1	93.1	35.9	.6	1.5	.3	.7
Westhope city	578	741	705	246	271	212	.8	.3	.8	.3	722.5	1 926.7	307.5	820.0
Wheaton township	65	73	80	36	29	(NA)	113.2	43.7	112.5	43.4	.6	1.5	.3	.8
Whitby township	27	35	42	10	19	(NA)	94.1	36.3	94.1	36.3	.3	.7	.1	.3
Whitton township	511	462	307	203	171	(NA)	91.3	35.2	90.0	34.8	5.7	14.7	2.3	5.8
Willow City city	281	329	403	172	194	169	1.2	.5	1.2	.5	234.2	562.0	143.3	344.0
Willow Vale township	46	72	89	21	25	(NA)	93.5	36.1	92.9	35.9	.5	1.3	.2	.6
Bowman County †	3 596	4 229	3 901	1 691	1 722	1 365	3 022.6	1 167.0	3 009.8	1 162.1	1.2	3.1	.6	1.5
Adelaide township	37	r48	47	12	r19	(NA)	92.5	35.7	92.4	35.7	.4	1.0	.1	.3
Amor township	28	35	57	17	18	(NA)	93.0	35.9	92.9	35.9	.3	.8	.2	.5
Bowman city †	1 741	2 071	1 762	837	865	642	3.3	1.3	3.3	1.3	527.6	1 339.2	253.6	643.8
Bowman township	278	r259	113	109	r94	(NA)	89.6	34.6	89.4	34.5	3.1	8.1	1.2	3.2
Boyesen township	42	54	56	14	20	(NA)	93.0	35.9	92.7	35.8	.5	1.2	.2	.4
Buena Vista township	39	r42	49	16	r16	(NA)	79.2	30.6	79.2	30.6	.5	1.3	.2	.5
Fischbein township	27	r43	73	18	r16	(NA)	91.6	35.4	90.9	35.1	.3	.8	.2	.5
Gascoyne city	22	23	34	12	11	16	2.6	1.0	2.6	1.0	8.5	22.0	4.6	12.0
Gascoyne township	25	30	42	12	10	(NA)	92.0	35.5	91.8	35.5	.3	.7	.1	.3
Gem township	27	24	33	9	11	(NA)	93.2	36.0	92.9	35.9	.3	.8	.1	.3

POPULATION AND HOUSING UNIT COUNTS

NORTH DAKOTA 13

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	
Bowman County †—Con.															
Goldfield township	42	56	83	21	20	(NA)	93.3	36.0	93.2	36.0	.5	1.2	.2	.6	
Grainbelt township	42	61	58	17	26	(NA)	79.0	30.5	79.0	30.5	.5	1.4	.2	.6	
Grand River township	36	32	34	11	11	(NA)	93.2	36.0	93.2	36.0	.4	1.0	.1	.3	
Haley township	28	46	61	21	22	(NA)	93.3	36.0	93.2	36.0	.3	.8	.2	.6	
Hart unorg.	18	42	28	13	18	(NA)	92.9	35.9	92.8	35.8	.2	.5	.1	.4	
Ladd township †	34	25	29	12	11	(NA)	93.3	36.0	93.2	36.0	.4	.9	.1	.3	
Langberg township	42	26	39	15	9	(NA)	93.1	35.9	92.9	35.9	.5	1.2	.2	.4	
Marion township	15	24	20	7	9	(NA)	79.6	30.7	79.5	30.7	.2	.5	.1	.2	
Minnehaha township	30	35	37	15	14	(NA)	93.3	36.0	85.3	32.9	.4	.9	.2	.5	
Nebo township	44	44	36	17	18	(NA)	92.9	35.9	92.8	35.8	.5	1.2	.2	.5	
Rhame city	186	222	206	105	104	100	3.9	1.5	3.9	1.5	47.7	124.0	26.9	70.0	
Rhame township	43	46	59	19	17	(NA)	75.5	29.1	75.3	29.1	.6	1.5	.3	.7	
Scranton city	294	415	360	155	162	131	2.3	.9	2.3	.9	127.8	326.7	67.4	172.2	
Scranton township	130	199	95	52	35	(NA)	90.7	35.0	90.5	34.9	1.4	3.7	.6	1.5	
Star township	43	50	60	17	17	(NA)	79.3	30.6	79.2	30.6	.5	1.4	.2	.6	
Stillwater township	38	49	54	17	23	(NA)	79.2	30.6	79.2	30.6	.5	1.2	.2	.6	
Sunny Slope township	8	13	28	6	7	(NA)	132.7	51.2	132.4	51.1	.1	.2	—	.1	
Talbot township	98	108	82	40	36	(NA)	92.9	35.9	92.8	35.8	1.1	2.7	.4	1.1	
West Bowman unorg.	107	151	...	50	59	...	739.4	285.5	738.1	285.0	.1	.4	.1	.2	
Whiting township	52	56	101	25	24	(NA)	93.1	36.0	93.0	35.9	.6	1.4	.3	.7	
Burke County	3 002	3 822	4 739	1 691	1 816	1 813	2 925.0	1 129.3	2 858.3	1 103.6	1.1	2.7	.6	1.5	
Battleview township	138	167	179	51	56	(NA)	93.0	35.9	92.3	35.6	1.5	3.9	.6	1.4	
Bowbells city	498	587	584	258	286	256	2.1	.8	2.1	.8	237.1	622.5	122.9	322.5	
Bowbells township	57	53	82	29	33	(NA)	92.0	35.5	91.1	35.2	.6	1.6	.3	.8	
Carter township	20	31	53	14	20	(NA)	92.9	35.9	90.9	35.1	.2	.6	.2	.4	
Clayton township	34	49	64	15	19	(NA)	93.5	36.1	91.8	35.4	.4	1.0	.2	.4	
Cleary township	47	53	60	21	24	(NA)	93.1	35.9	91.3	35.3	.5	1.3	.2	.6	
Columbus city	223	325	465	160	164	178	.7	.3	.7	.3	318.6	743.3	228.6	533.3	
Colville township	59	68	71	38	34	(NA)	89.6	34.6	86.1	33.2	.7	1.8	.4	1.1	
Dale township	37	59	108	27	34	(NA)	93.3	36.0	91.7	35.4	.4	1.0	.3	.8	
Dimond township	29	40	20	17	16	(NA)	92.3	35.6	84.8	32.7	.3	.9	.2	.5	
Fay township	43	57	70	20	27	(NA)	93.0	35.9	92.9	35.9	.5	1.2	.2	.6	
Flaxton city	121	182	286	99	96	118	.7	.3	.7	.3	172.9	403.3	141.4	330.0	
Foothills township	58	58	91	24	25	(NA)	93.2	36.0	91.2	35.2	.6	1.6	.3	.7	
Forthun township	21	27	39	17	14	(NA)	112.3	43.4	112.2	43.3	.2	.5	.2	.4	
Garness township	75	93	104	34	34	(NA)	93.3	36.0	92.7	35.8	.8	2.1	.4	.9	
Harmonious township	39	45	78	21	24	(NA)	93.4	36.1	91.9	35.5	.4	1.1	.2	.6	
Kandyohi township	30	43	82	14	20	(NA)	93.1	36.0	86.1	33.3	.3	.9	.2	.4	
Keller township	33	27	40	13	16	(NA)	92.0	35.5	91.3	35.3	.4	.9	.1	.4	
Lakeview township	15	30	38	15	16	(NA)	133.6	51.6	128.7	49.7	.1	.3	.1	.3	
Larson city	26	21	35	13	13	22	1.1	.4	1.1	.4	23.6	65.0	11.8	32.5	
Leaf Mountain township	34	61	80	26	31	(NA)	93.1	36.0	90.0	34.7	.4	1.0	.3	.7	
Lignite city	242	332	354	126	136	120	.4	.1	.4	.1	605.0	2 420.0	315.0	1 260.0	
Lucy township	36	54	71	18	20	(NA)	93.6	36.1	89.2	34.4	.4	1.0	.2	.5	
Minnesota township	35	43	69	24	29	(NA)	138.6	53.5	136.1	52.5	.3	.7	.2	.5	
North Burke unorg.	4	8	...	4	5	...	32.2	12.4	30.1	11.6	.1	.3	.1	.3	
North Star township	62	83	101	37	38	(NA)	104.8	40.5	103.1	39.8	.6	1.6	.4	.9	
Portal city	192	238	251	104	100	113	1.5	.6	1.5	.6	128.0	320.0	69.3	173.3	
Portal township	47	69	99	30	32	(NA)	110.9	42.8	110.1	42.5	.4	1.1	.3	.7	
Powers Lake city	408	466	523	221	222	206	3.2	1.2	2.6	1.0	156.9	408.0	85.0	221.0	
Richland township	36	58	89	24	26	(NA)	110.9	42.8	110.4	42.6	.3	.8	.2	.6	
Roseland township	32	31	35	19	19	(NA)	93.1	35.9	92.6	35.7	.3	.9	.2	.5	
Short Creek township	65	74	103	36	40	(NA)	111.3	43.0	110.6	42.7	.6	1.5	.3	.8	
Soo township	47	50	84	24	22	(NA)	111.6	43.1	110.8	42.8	.4	1.1	.2	.6	
Thorson township	32	51	56	19	23	(NA)	93.1	35.9	92.1	35.6	.3	.9	.2	.5	
Vale township	28	37	69	17	19	(NA)	92.5	35.7	90.0	34.8	.3	.8	.2	.5	
Vanville township	34	55	50	17	23	(NA)	92.6	35.8	86.5	33.4	.4	1.0	.2	.5	
Ward township	65	97	145	45	60	(NA)	93.3	36.0	90.8	35.0	.7	1.9	.5	1.3	
Burleigh County †	60 131	54 811	40 714	23 803	20 848	12 983	4 320.4	1 668.1	4 229.9	1 633.2	14.2	36.8	5.6	14.6	
Apple Creek township	1 039	843	270	347	307	(NA)	91.0	35.1	91.0	35.1	11.4	29.6	3.8	9.9	
Bismarck city †	49 256	44 485	34 703	20 038	17 403	11 156	64.3	24.8	63.0	24.3	781.8	2 027.0	318.1	824.6	
Bismarck unorg.	2 259	2 233	...	532	489	...	76.9	29.7	70.9	27.4	31.9	82.4	7.5	19.4	
Boyd township	96	94	99	39	38	(NA)	93.2	36.0	93.2	36.0	1.0	2.7	.4	1.1	
Canfield township	24	31	50	10	14	(NA)	93.1	36.0	92.0	35.5	.3	.7	.1	.3	
Christiania township	47	53	49	20	18	(NA)	93.2	36.0	93.1	36.0	.5	1.3	.2	.6	
Clear Lake township	31	48	66	19	18	(NA)	93.4	36.1	92.9	35.9	.3	.9	.2	.5	
Crotte township	152	123	108	62	56	(NA)	93.8	36.2	93.8	36.2	1.6	4.2	.7	1.7	
Cromwell township	35	43	35	14	14	(NA)	93.7	36.2	93.7	36.2	.4	1.0	.1	.4	
Driscoll township	177	223	215	81	94	(NA)	93.5	36.1	93.1	36.0	1.9	4.9	.9	2.3	

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	
Burleigh County †—Con.															
East Burleigh unorg.-----	20	90	...	10	39	...	92.8	35.8	90.0	34.8	.2	.6	.1	.3	
Ecklund township-----	124	124	142	59	63	(NA)	139.7	53.9	139.7	53.9	.9	2.3	.4	1.1	
Estherville township-----	33	63	73	23	28	(NA)	91.8	35.5	91.8	35.5	.4	.9	.3	.6	
Florence Lake township-----	25	41	51	8	13	(NA)	90.4	34.9	83.2	32.1	.3	.8	.1	.2	
Francis township-----	39	37	34	15	15	(NA)	92.7	35.8	92.7	35.8	.4	1.1	.2	.4	
Ghlyin township-----	39	54	75	24	25	(NA)	92.3	35.6	92.3	35.6	.4	1.1	.3	.7	
Gibbs township-----	739	770	302	233	222	(NA)	90.9	35.1	90.9	35.1	8.1	21.1	2.6	6.6	
Glenview township-----	160	160	116	62	69	(NA)	102.0	39.4	100.4	38.8	1.6	4.1	.6	1.6	
Grass Lake township-----	67	65	99	30	30	(NA)	93.5	36.1	92.0	35.5	.7	1.9	.3	.8	
Harriet township-----	70	88	102	26	30	(NA)	92.9	35.9	85.3	32.9	.8	2.1	.3	.8	
Hay Creek township-----	1 924	1 658	836	690	592	(NA)	86.6	33.4	84.4	32.6	22.8	59.0	8.2	21.2	
Hazel Grove township-----	23	34	49	10	15	(NA)	90.9	35.1	88.7	34.2	.3	.7	.1	.3	
Lein township-----	27	32	48	13	20	(NA)	93.2	36.0	93.2	36.0	.3	.8	.1	.4	
Lincoln city †-----	1 132	656	...	346	172	...	2.4	.9	2.4	.9	471.7	1 257.8	144.2	384.4	
Logan township-----	47	50	53	24	22	(NA)	93.3	36.0	92.8	35.8	.5	1.3	.3	.7	
Long Lake township-----	100	144	174	64	60	(NA)	93.3	36.0	83.5	32.2	1.2	3.1	.8	2.0	
Lyman unorg.-----	11	21	...	9	12	...	93.6	36.1	93.2	36.0	.1	.3	.1	.3	
McKenzie township-----	85	108	177	49	46	(NA)	93.1	36.0	93.0	35.9	.9	2.4	.5	1.4	
Menoken township-----	137	148	145	56	57	(NA)	93.1	36.0	93.0	35.9	1.5	3.8	.6	1.6	
Missouri township-----	86	83	61	31	34	(NA)	76.0	29.3	62.6	24.2	1.4	3.6	.5	1.3	
Morton township-----	45	54	48	22	19	(NA)	93.1	35.9	93.0	35.9	.5	1.3	.2	.6	
Naughton township-----	144	110	65	44	34	(NA)	93.2	36.0	93.2	36.0	1.5	4.0	.5	1.2	
Painted Woods township-----	110	115	81	46	44	(NA)	97.5	37.7	94.9	36.7	1.2	3.0	.5	1.3	
Regan city-----	51	71	74	29	38	37	2.6	1.0	2.6	1.0	19.6	51.0	11.2	29.0	
Richmond township †-----	45	...	...	23	...	...	93.4	36.0	90.5	34.9	.5	1.3	.3	.7	
Rock Hill township-----	44	61	66	20	20	(NA)	93.1	36.0	93.1	36.0	.5	1.2	.2	.6	
Schrunk township-----	29	34	46	11	14	(NA)	89.0	34.4	84.6	32.7	.3	.9	.1	.3	
Sibley Butte township-----	31	52	42	15	16	(NA)	93.2	36.0	93.1	36.0	.3	.9	.2	.4	
Steiber township-----	29	35	63	13	16	(NA)	88.8	34.3	88.5	34.2	.3	.8	.1	.4	
Sterling township-----	183	177	155	84	73	(NA)	93.2	36.0	93.2	36.0	2.0	5.1	.9	2.3	
Taft township-----	33	48	50	21	20	(NA)	93.2	36.0	92.7	35.8	.4	.9	.2	.6	
Telfer township-----	61	94	74	23	35	(NA)	93.5	36.1	93.4	36.0	.7	1.7	.2	.6	
Thelma township-----	27	33	45	9	12	(NA)	93.5	36.1	88.4	34.1	.3	.8	.1	.3	
Trygg township-----	44	57	85	16	21	(NA)	93.5	36.1	93.5	36.1	.5	1.2	.2	.4	
West Burleigh unorg.-----	754	628	...	251	211	...	152.5	58.9	150.1	58.0	5.0	13.0	1.7	4.3	
Wild Rose township-----	31	54	61	14	14	(NA)	93.3	36.0	82.2	31.7	.4	1.0	.2	.4	
Wilson township-----	49	62	75	27	28	(NA)	89.4	34.5	87.2	33.7	.6	1.5	.3	.8	
Wilton city (pt.)-----	176	262	116	81	95	44	.5	.2	.5	.2	352.0	880.0	162.0	405.0	
Wing city-----	208	220	223	97	104	88	1.5	.6	1.5	.6	138.7	346.7	64.7	161.7	
Wing township-----	33	42	43	13	19	(NA)	91.9	35.5	91.9	35.5	.4	.9	.1	.4	
Cass County †-----	102 874	88 247	73 653	42 407	35 215	24 278	4 579.1	1 768.0	4 573.3	1 766.0	22.5	58.3	9.3	24.0	
Addison township-----	95	103	113	38	40	(NA)	93.4	36.1	93.4	36.1	1.0	2.6	.4	1.1	
Alice city-----	62	62	83	30	33	41	2.5	1.0	2.5	1.0	24.8	62.0	12.0	30.0	
Amenia city-----	82	93	80	31	39	27	3.7	1.4	3.7	1.4	22.2	58.6	8.4	22.1	
Amenia township-----	132	135	164	48	51	(NA)	89.4	34.5	89.4	34.5	1.5	3.8	.5	1.4	
Argusville city-----	161	147	118	56	53	40	10.3	4.0	10.3	4.0	15.6	40.3	5.4	14.0	
Arthur city-----	400	445	412	133	130	97	3.9	1.5	3.9	1.5	102.6	266.7	34.1	88.7	
Arthur township-----	71	103	120	33	40	(NA)	89.4	34.5	89.4	34.5	.8	2.1	.4	1.0	
Ayr city-----	19	42	48	14	24	24	.2	.1	.2	.1	95.0	190.0	70.0	140.0	
Ayr township-----	78	96	123	39	34	(NA)	93.1	36.0	93.1	36.0	.8	2.2	.4	1.1	
Barnes township-----	291	490	1 221	97	154	(NA)	39.6	15.3	39.6	15.3	7.3	19.0	2.4	6.3	
Bell township-----	52	56	95	19	26	(NA)	93.0	35.9	93.0	35.9	.6	1.4	.2	.5	
Berlin township-----	133	147	148	46	47	(NA)	88.1	34.0	88.1	34.0	1.5	3.9	.5	1.4	
Brianwood city-----	88	47	...	27	16	...	.6	.2	.6	.2	146.7	440.0	45.0	135.0	
Buffalo city †-----	204	226	241	108	113	95	.6	.2	.6	.2	340.0	1 020.0	180.0	540.0	
Buffalo township-----	77	99	148	31	36	(NA)	93.2	36.0	93.1	35.9	.8	2.1	.3	.9	
Casselton city †-----	1 601	1 661	1 485	664	675	504	3.0	1.2	2.9	1.1	552.1	1 455.5	229.0	603.6	
Casselton township-----	111	111	120	36	48	(NA)	88.8	34.3	88.8	34.3	1.3	3.2	.4	1.0	
Clifton township-----	78	113	146	38	41	(NA)	91.8	35.4	91.2	35.2	.9	2.2	.4	1.1	
Cornell township-----	90	84	100	28	31	(NA)	93.2	36.0	93.2	36.0	1.0	2.5	.3	.8	
Davenport city-----	218	195	147	78	77	56	.3	.1	.3	.1	726.7	2 180.0	260.0	780.0	
Davenport township-----	131	165	150	56	61	(NA)	93.2	36.0	93.2	36.0	1.4	3.6	.6	1.6	
Dows township-----	76	93	108	28	38	(NA)	93.3	36.0	93.3	36.0	.8	2.1	.3	.8	
Durbin township-----	106	124	128	39	45	(NA)	91.2	35.2	91.1	35.2	1.2	3.0	.4	1.1	
Eldred township-----	115	124	129	51	55	(NA)	91.8	35.4	91.4	35.3	1.3	3.3	.6	1.4	
Empire township-----	124	150	150	49	54	(NA)	92.9	35.9	92.8	35.8	1.3	3.5	.5	1.4	
Enderlin city (pt.)-----	17	11	...	5	5	...	.1	—	.1	—	170.0	—	50.0	—	
Erie township-----	135	136	185	60	70	(NA)	93.3	36.0	92.8	35.8	1.5	3.8	.6	1.7	
Everest township-----	126	122	142	50	47	(NA)	91.8	35.4	91.8	35.4	1.4	3.6	.5	1.4	
Fargo city †-----	74 111	61 383	53 365	31 711	25 219	17 562	77.2	29.8	77.2	29.8	960.0	2 486.9	410.8	1 064.1	
Fargo township-----	—	10	133	—	3	(NA)	.5	.2	.5	.2	—	—	—	—	

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	
Cass County †—Con.															
Frontier city	218	160	...	57	47	...	.5	.2	.5	.2	436.0	1 090.0	114.0	285.0	
Gardner city	85	94	96	42	42	42	1.2	.5	1.2	.5	70.8	170.0	35.0	84.0	
Gardner township	115	114	146	44	45	(NA)	92.1	35.6	92.1	35.6	1.2	3.2	.5	1.2	
Gill township	115	114	140	41	42	(NA)	93.6	36.1	93.5	36.1	1.2	3.2	.4	1.1	
Grandin city (pt.)	213	210	187	77	78	69	.4	.1	.4	.1	532.5	2 130.0	192.5	770.0	
Gunkel township	72	93	113	26	39	(NA)	93.9	36.2	93.9	36.2	.8	2.0	.3	.7	
Harmony township	93	110	165	38	46	(NA)	89.4	34.5	89.3	34.5	1.0	2.7	.4	1.1	
Harwood city †	590	326	...	172	105	...	2.3	.9	2.3	.9	256.5	655.6	74.8	191.1	
Harwood township	322	530	436	108	160	(NA)	80.4	31.0	80.3	31.0	4.0	10.4	1.3	3.5	
Highland township	144	130	123	49	43	(NA)	92.9	35.9	92.4	35.7	1.6	4.0	.5	1.4	
Hill township	64	76	93	26	33	(NA)	92.9	35.9	92.9	35.9	.7	1.8	.3	.7	
Horace city †	662	494	276	216	174	80	.9	.3	.9	.3	735.6	2 206.7	240.0	720.0	
Howes township	99	98	106	36	39	(NA)	92.8	35.8	92.5	35.7	1.1	2.8	.4	1.0	
Hunter city	341	369	362	168	174	149	4.6	1.8	4.6	1.8	74.1	189.4	36.5	93.3	
Hunter township	95	117	153	39	42	(NA)	88.4	34.1	88.3	34.1	1.1	2.8	.4	1.1	
Kindred city	569	568	495	246	258	206	2.6	1.0	2.6	1.0	218.8	569.0	94.6	246.0	
Kinyon township	100	119	126	36	44	(NA)	93.0	35.9	93.0	35.9	1.1	2.8	.4	1.0	
Lake township	59	62	78	23	24	(NA)	93.4	36.1	93.3	36.0	.6	1.6	.2	.6	
Leonard city	310	289	221	137	131	91	1.3	.5	1.3	.5	238.5	620.0	105.4	274.0	
Leonard township	121	142	124	44	45	(NA)	91.8	35.5	91.8	35.5	1.3	3.4	.5	1.2	
Maple River township	125	155	184	56	60	(NA)	92.7	35.8	92.7	35.8	1.3	3.5	.6	1.6	
Mapleton city	682	306	219	203	103	55	10.4	4.0	10.4	4.0	65.6	170.5	19.5	50.8	
Mapleton township	269	244	217	96	88	(NA)	90.0	34.7	90.0	34.7	3.0	7.8	1.1	2.8	
Noble township	99	107	129	38	51	(NA)	81.4	31.4	81.4	31.4	1.2	3.2	.5	1.2	
Normanna township	340	331	278	124	110	(NA)	90.6	35.0	90.6	35.0	3.8	9.7	1.4	3.5	
North River city	68	65	...	20	20	...	.2	.1	.2	.1	340.0	680.0	100.0	200.0	
Oxbow city †	100	...	...	40	...	...	1.1	.4	1.1	.4	90.9	250.0	36.4	100.0	
Page city	266	329	367	144	156	136	.5	.2	.5	.2	532.0	1 330.0	288.0	720.0	
Page township	59	78	73	26	35	(NA)	92.8	35.8	92.7	35.8	.6	1.6	.3	.7	
Pleasant township	354	398	326	120	135	(NA)	98.3	37.9	98.3	37.9	3.6	9.3	1.2	3.2	
Pontiac township	108	140	145	50	52	(NA)	93.2	36.0	91.2	35.2	1.2	3.1	.5	1.4	
Prairie Rose city	49	76	...	15	20	...	.3	.1	.3	.1	163.3	490.0	50.0	150.0	
Raymond township	284	255	199	91	86	(NA)	89.3	34.5	89.1	34.4	3.2	8.3	1.0	2.6	
Reed township	1 046	848	655	346	285	504	71.9	27.8	71.6	27.6	14.6	37.9	4.8	12.5	
Reile's Acres city	210	191	...	56	51	...	.5	.2	.5	.2	420.0	1 050.0	112.0	280.0	
Rich township	81	108	107	33	37	(NA)	93.7	36.2	93.6	36.1	.9	2.2	.4	.9	
Rochester township	46	76	84	29	32	(NA)	93.5	36.1	93.5	36.1	.5	1.3	.3	.8	
Rush River township	107	141	177	48	65	(NA)	94.3	36.4	94.3	36.4	1.1	2.9	.5	1.3	
Stanley township	1 933	1 706	857	611	513	(NA)	100.0	38.6	100.0	38.6	19.3	50.1	6.1	15.8	
Tower township	66	69	121	26	29	(NA)	89.4	34.5	89.4	34.5	.7	1.9	.3	.8	
Tower City city (pt.)	233	293	287	115	140	111	3.8	1.5	3.8	1.5	61.3	155.3	30.3	76.7	
Walburg township	189	206	281	79	87	(NA)	93.6	36.1	93.5	36.1	2.0	5.2	.8	2.2	
Warren township	133	158	160	48	54	(NA)	93.5	36.1	93.5	36.1	1.4	3.7	.5	1.3	
Watson township	123	138	168	46	49	(NA)	93.2	36.0	93.2	36.0	1.3	3.4	.5	1.3	
West Fargo city †	12 287	10 099	5 161	4 574	3 780	1 580	18.3	7.1	18.3	7.1	671.4	1 730.6	249.9	644.2	
Wheatland township	153	183	225	68	72	(NA)	93.8	36.2	93.8	36.2	1.6	4.2	.7	1.9	
Wiser township	93	94	97	37	38	(NA)	87.4	33.8	87.4	33.8	1.1	2.8	.4	1.1	
Cavalier County †	6 064	7 636	8 213	3 038	3 123	2 932	3 911.5	1 510.2	3 856.7	1 489.1	1.6	4.1	.8	2.0	
Alma township	62	70	69	27	32	(NA)	92.7	35.8	92.4	35.7	.7	1.7	.3	.8	
Alsen city	113	169	201	67	67	68	77.4	29.9	76.0	29.3	1.5	3.9	.9	2.3	
Banner township	58	70	114	27	24	(NA)	77.4	29.9	75.2	29.0	.8	2.0	.4	.9	
Billings township	37	122	81	12	18	(NA)	74.0	28.6	73.3	28.3	.5	1.3	.2	.4	
Bruce township	56	60	114	27	29	(NA)	93.5	36.1	91.4	35.3	.6	1.6	.3	.8	
Byron township	46	74	93	29	31	(NA)	116.5	45.0	115.1	44.4	.4	1.0	.3	.7	
Calio city	43	60	75	20	24	26	23.1	8.9	21.2	8.2	2.0	5.2	.9	2.4	
Calvin city	27	61	78	22	28	40	.6	.2	.6	.2	45.0	135.0	36.7	110.0	
Cypress township	89	96	90	34	31	(NA)	115.0	44.4	114.9	44.4	.8	2.0	.3	.8	
Dresden township	74	93	174	29	38	(NA)	115.8	44.7	113.9	44.0	.6	1.7	.3	.7	
Easby township	48	96	88	33	33	(NA)	93.2	36.0	92.6	35.7	.5	1.3	.4	.9	
East Alma township	35	70	62	23	24	(NA)	93.0	35.9	92.9	35.9	.4	1.0	.2	.6	
Elgin township	310	413	278	111	135	(NA)	89.3	34.5	88.6	34.2	3.5	9.1	1.3	3.2	
Fremont township	110	119	147	49	41	(NA)	143.6	55.5	143.4	55.4	.8	2.0	.3	.9	
Glenila township	34	61	76	23	21	(NA)	93.3	36.0	93.0	35.9	.4	.9	.2	.6	
Gordon township	31	67	100	24	25	(NA)	70.1	27.1	69.1	26.7	.4	1.2	.3	.9	
Grey township	46	82	98	23	30	(NA)	93.7	36.2	92.1	35.5	.5	1.3	.2	.6	
Hannah city	49	90	145	49	49	68	.5	.2	.5	.2	98.0	245.0	98.0	245.0	
Harvey township	79	85	81	30	33	(NA)	93.0	35.9	92.6	35.8	.9	2.2	.3	.8	
Hay township	67	89	116	34	37	(NA)	93.3	36.0	93.0	35.9	.7	1.9	.4	.9	

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

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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	
Cavalier County †—Con.															
Henderson township	63	109	86	24	31	(NA)	75.9	29.3	72.7	28.1	.9	2.2	.3	.9	
Hope township	63	92	107	31	32	(NA)	77.0	29.7	76.6	29.6	.8	2.1	.4	1.0	
Hove Mobile Park city	—	3	—	—	1	—	—	—	—	—	—	—	—	—	
Huron township	48	79	97	24	29	(NA)	93.5	36.1	92.5	35.7	.5	1.3	.3	.7	
Langdon city †	2 241	2 335	2 182	1 109	1 069	768	4.4	1.7	4.3	1.7	521.2	1 318.2	257.9	652.4	
Langdon township	54	62	67	26	22	(NA)	93.5	36.1	93.1	35.9	.6	1.5	.3	.7	
Linden township	46	65	92	23	26	(NA)	115.1	44.4	110.4	42.6	.4	1.1	.2	.5	
Loam township	58	97	141	35	43	(NA)	86.7	33.5	86.4	33.4	.7	1.7	.4	1.0	
Loma city	27	39	85	13	19	33	69.4	26.8	68.3	26.4	.4	1.0	.2	.5	
Manilla township	172	183	67	62	66	(NA)	93.3	36.0	92.5	35.7	1.9	4.8	.7	1.7	
Milton city	133	195	198	81	92	89	1.0	.4	1.0	.4	133.0	332.5	81.0	202.5	
Minto township	45	68	71	22	24	(NA)	92.8	35.8	90.7	35.0	.5	1.3	.2	.6	
Montrose township	75	121	121	51	59	(NA)	91.8	35.4	91.7	35.4	.8	2.1	.6	1.4	
Moscow township	46	84	104	30	31	(NA)	93.4	36.1	90.8	35.0	.5	1.3	.3	.9	
Mount Carmel township	104	164	236	52	69	(NA)	116.6	45.0	114.8	44.3	.9	2.3	.5	1.2	
Munich city	310	300	249	135	121	95	1.6	.6	1.6	.6	193.8	516.7	84.4	225.0	
Nekoma city	63	102	84	51	54	51	1.0	.4	1.0	.4	63.0	157.5	51.0	127.5	
Nekoma township	53	90	80	27	28	(NA)	92.2	35.6	91.0	35.1	.6	1.5	.3	.8	
North Loma township	34	33	74	11	11	(NA)	47.2	18.2	46.8	18.1	.7	1.9	.2	.6	
North Olga township	75	100	156	40	33	(NA)	109.1	42.1	109.0	42.1	.7	1.8	.4	1.0	
Osford township	55	89	131	36	37	(NA)	92.8	35.8	92.7	35.8	.6	1.5	.4	1.0	
Osnabrock city	214	222	255	90	92	92	.8	.3	.8	.3	267.5	713.3	112.5	300.0	
Osnabrock township	53	87	115	31	31	(NA)	93.0	35.9	91.9	35.5	.6	1.5	.3	.9	
Perry township	72	105	144	30	35	(NA)	93.3	36.0	92.7	35.8	.8	2.0	.3	.8	
Sarles city (pt.)	83	102	138	55	50	64	.5	.2	.5	.2	166.0	415.0	110.0	275.0	
Seivert township	31	53	74	15	19	(NA)	77.5	29.9	72.6	28.0	.4	1.1	.2	.5	
South Dresden township	67	107	120	35	39	(NA)	93.1	36.0	91.7	35.4	.7	1.9	.4	1.0	
South Olga township	77	99	115	35	37	(NA)	94.4	36.4	94.2	36.4	.8	2.1	.4	1.0	
Storlie township	30	39	55	16	17	(NA)	65.8	25.4	64.9	25.1	.5	1.2	.2	.6	
Trier township	67	119	124	25	32	(NA)	85.4	33.0	80.4	31.1	.8	2.2	.3	.8	
Wales city	48	74	116	43	51	50	.6	.2	.6	.2	80.0	240.0	71.7	215.0	
Waterloo township	65	65	129	34	29	(NA)	93.2	36.0	91.6	35.4	.7	1.8	.4	1.0	
West Hope township	78	107	120	53	44	(NA)	116.6	45.0	115.0	44.4	.7	1.8	.5	1.2	
Dickey County †	6 107	7 207	6 976	2 763	2 838	2 471	2 957.2	1 141.8	2 929.5	1 131.1	2.1	5.4	.9	2.4	
Ada township	54	101	116	30	38	(NA)	92.9	35.9	92.9	35.9	.6	1.5	.3	.8	
Albertha township	33	42	53	13	16	(NA)	92.9	35.9	92.9	35.9	.4	1.0	.1	.4	
Albion township	59	61	83	24	28	(NA)	93.8	36.2	93.5	36.1	.6	1.6	.3	.7	
Bear Creek township	181	208	234	68	69	(NA)	78.0	30.1	77.7	30.0	2.3	6.0	.9	2.3	
Clement township	126	172	191	54	57	(NA)	117.9	45.5	116.9	45.1	1.1	2.8	.5	1.2	
Divide township	81	108	153	34	39	(NA)	91.8	35.4	91.2	35.2	.9	2.3	.4	1.0	
Elden township	79	108	110	39	37	(NA)	93.6	36.1	93.6	36.1	.8	2.2	.4	1.1	
Ellendale city †	1 798	1 967	1 517	765	758	563	3.4	1.3	3.4	1.3	528.8	1 383.1	225.0	588.5	
Ellendale township	136	163	150	62	57	(NA)	89.8	34.7	89.7	34.6	1.5	3.9	.7	1.8	
Elm township	76	88	97	34	37	(NA)	93.7	36.2	93.0	35.9	.8	2.1	.8	2.1	
Forbes city	56	84	88	35	56	47	.6	.2	.6	.2	93.3	280.0	58.3	175.0	
Fullerton city	94	107	110	41	50	48	.9	.4	.9	.4	104.4	235.0	45.6	102.5	
German township	46	46	89	19	23	(NA)	91.8	35.5	88.0	34.0	.5	1.4	.2	.6	
Grand Valley township	38	55	99	22	29	(NA)	93.9	36.2	93.4	36.1	.4	1.1	.2	.6	
Hamburg township	27	59	87	23	27	(NA)	93.9	36.3	93.8	36.2	.3	.7	.2	.6	
Hudson township	97	108	106	38	44	(NA)	88.7	34.3	87.9	33.9	1.1	2.9	.4	1.1	
James River Valley township	50	90	87	24	31	(NA)	74.6	28.8	74.6	28.8	.7	1.7	.3	.8	
Kent township	34	46	60	16	16	(NA)	93.0	35.9	92.9	35.9	.4	.9	.2	.4	
Kentner township	150	156	157	40	24	(NA)	93.8	36.2	93.8	36.2	1.6	4.1	.4	1.1	
Keystone township	51	69	69	22	20	(NA)	93.1	35.9	93.1	35.9	.5	1.4	.2	.6	
Lorraine township	70	76	94	32	27	(NA)	92.1	35.6	92.0	35.5	.8	2.0	.3	.9	
Lovell township	69	66	80	35	34	(NA)	113.8	43.9	112.5	43.4	.6	1.6	.3	.8	
Ludden city	41	47	44	26	24	24	2.0	.8	2.0	.8	20.5	51.3	13.0	32.5	
Maple township	75	90	126	29	32	(NA)	92.9	35.9	92.9	35.9	.8	2.1	.3	.8	
Merricourt city	9	17	22	7	13	20	.2	.1	.2	.1	45.0	90.0	35.0	70.0	
Monango city	53	59	112	32	32	41	.9	.4	.9	.4	58.9	132.5	35.6	80.0	
Northwest township	37	52	70	18	28	(NA)	85.9	33.2	84.5	32.6	.4	1.1	.2	.6	
Oakes city †	1 775	2 112	1 742	829	822	630	4.3	1.6	4.3	1.6	412.8	1 109.4	192.8	518.1	
Port Emma township	62	96	114	37	40	(NA)	69.8	27.0	68.6	26.5	.9	2.3	.5	1.4	
Porter township	66	78	82	30	32	(NA)	92.0	35.5	91.3	35.2	.7	1.9	.3	.9	
Potsdam township	59	55	76	24	27	(NA)	89.4	34.5	89.3	34.5	.7	1.7	.3	.7	
Riverdale township	87	116	90	38	42	(NA)	96.9	37.4	96.0	37.1	.9	2.3	.4	1.0	
Spring Valley township	31	49	81	18	24	(NA)	92.0	35.5	86.1	33.2	.4	.9	.2	.5	
Valley township	68	72	81	29	25	(NA)	91.4	35.3	91.4	35.3	.7	1.9	.3	.8	
Van Meter township	119	121	146	48	50	(NA)	93.3	36.0	93.3	36.0	1.3	3.3	.5	1.3	
Whitestone township	40	46	75	18	22	(NA)	94.5	36.5	93.6	36.1	.4	1.1	.2	.5	
Wright township	92	102	128	32	31	(NA)	91.9	35.5	91.4	35.3	1.0	2.6	.4	.9	
Yorktown township	48	69	100	21	25	(NA)	92.8	35.8	92.8	35.8	.5	1.3	.2	.6	
Young township	40	46	57	17	18	(NA)	88.8	34.3	88.7	34.2	.5	1.2	.2	.5	

POPULATION AND HOUSING UNIT COUNTS

NORTH DAKOTA 17

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
Divide County	2 899	3 494	4 564	1 667	1 783	1 667	3 352.1	1 294.2	3 261.9	1 259.4	.9	2.3	.5	1.3
Alexandria township	27	35	65	17	22	(NA)	93.6	36.1	92.7	35.8	.3	.8	.2	.5
Ambrose city	48	60	109	47	51	51	2.8	1.1	2.8	1.1	17.1	43.6	16.8	42.7
Ambrose township	43	57	80	25	31	(NA)	109.8	42.4	107.8	41.6	.4	1.0	.2	.6
Blooming Prairie township	62	77	58	38	42	(NA)	112.3	43.3	109.3	42.2	.6	1.5	.3	.9
Blooming Valley township	57	55	63	27	23	(NA)	93.5	36.1	92.1	35.5	.6	1.6	.3	.8
Border township	44	55	78	19	26	(NA)	93.3	36.0	91.2	35.2	.5	1.3	.2	.5
Burg township	31	57	60	19	31	(NA)	93.6	36.1	92.4	35.7	.3	.9	.2	.5
Clinton township	19	26	46	16	22	(NA)	93.3	36.0	91.7	35.4	.2	.5	.2	.5
Coalfield township	64	65	98	35	27	(NA)	92.2	35.6	91.6	35.4	.7	1.8	.4	1.0
Crosby city	1 312	1 469	1 545	687	676	561	2.2	.8	2.2	.8	596.4	1 640.0	312.3	858.8
Daneville township	52	76	96	28	26	(NA)	134.2	51.8	130.8	50.5	.4	1.0	.2	.6
De Witt township	32	48	55	18	21	(NA)	109.5	42.3	106.4	41.1	.3	.8	.2	.4
Elkhorn township	38	57	360	20	64	(NA)	161.8	62.5	154.0	59.5	.2	.6	.1	.3
Fertile Valley township	23	43	43	25	27	(NA)	178.4	68.9	167.5	64.7	.1	.4	.1	.4
Fillmore township	46	58	68	26	30	(NA)	110.4	42.6	106.8	41.2	.4	1.1	.2	.6
Fortuna city	53	98	216	46	56	90	2.6	1.0	2.6	1.0	20.4	53.0	17.7	46.0
Frazier township	32	28	39	16	20	(NA)	93.5	36.1	90.9	35.1	.4	.9	.2	.5
Frederick township	43	40	80	28	30	(NA)	92.9	35.9	92.6	35.8	.5	1.2	.3	.8
Garnet township	28	42	45	23	29	(NA)	92.8	35.8	92.1	35.5	.3	.8	.2	.6
Gooseneck township	54	65	78	27	33	(NA)	112.2	43.3	110.0	42.5	.5	1.3	.2	.6
Hawkeye township	48	43	74	24	24	(NA)	93.3	36.0	90.8	35.1	.5	1.4	.3	.7
Hayland township	40	48	55	20	25	(NA)	93.2	36.0	90.9	35.1	.4	1.1	.2	.6
Lincoln Valley township	39	31	56	18	21	(NA)	93.3	36.0	91.4	35.3	.4	1.1	.2	.5
Long Creek township	49	72	69	29	28	(NA)	112.8	43.5	109.9	42.4	.4	1.2	.3	.7
Mentor township	31	43	53	24	26	(NA)	112.0	43.3	110.6	42.7	.3	.7	.2	.6
Noonan city	231	283	403	148	133	151	.7	.3	.7	.3	330.0	770.0	211.4	493.3
Palmer township	17	32	34	10	19	(NA)	92.9	35.9	91.2	35.2	.2	.5	.1	.3
Plumer township	8	15	30	13	16	(NA)	93.3	36.0	90.0	34.8	.1	.2	.1	.4
Sioux Trail township	43	60	56	24	27	(NA)	92.9	35.9	92.4	35.7	.5	1.2	.3	.7
Smoky Butte township	34	44	80	22	23	(NA)	93.1	35.9	91.1	35.2	.4	1.0	.2	.6
Stoneview township	24	38	49	23	27	(NA)	92.5	35.7	91.2	35.2	.3	.7	.3	.7
Troy township	68	81	97	31	30	(NA)	92.9	35.9	88.5	34.2	.8	2.0	.4	.9
Twin Butte township	33	38	39	16	21	(NA)	93.4	36.1	89.5	34.5	.4	1.0	.2	.5
Upland township	31	39	57	17	26	(NA)	93.4	36.0	90.8	35.1	.3	.9	.2	.5
Westby township	74	88	93	45	34	(NA)	134.1	51.8	124.6	48.1	.6	1.5	.4	.9
Writing Rock township	21	28	37	16	16	(NA)	93.7	36.2	91.1	35.2	.2	.6	.2	.5
Dunn County †	4 005	4 627	4 895	2 057	1 849	1 605	5 393.4	2 082.4	5 205.9	2 010.0	.8	2.0	.4	1.0
Dodge city	135	199	121	74	79	46	1.2	.5	1.2	.5	112.5	270.0	61.7	148.0
Dunn Center city	128	170	107	80	76	70	1.0	.4	1.0	.4	128.0	320.0	80.0	200.0
Halliday city	288	355	413	182	171	159	1.2	.5	1.2	.5	240.0	576.0	151.7	364.0
Halliday unorg.	847	1 010	...	469	404	...	1 573.2	607.4	1 516.3	585.4	.6	1.4	.3	.8
Killdeer city †	722	790	615	367	355	241	2.7	1.1	2.7	1.1	267.4	656.4	135.9	333.6
Killdeer unorg.	1 055	1 206	...	588	472	...	2 532.0	977.6	2 401.8	927.3	.4	1.1	.2	.6
South Dunn unorg.	830	897	...	297	292	...	1 282.1	495.0	1 281.7	494.9	.6	1.7	.2	.6
Eddy County †	2 951	3 554	4 103	1 470	1 541	1 477	1 668.6	644.3	1 637.1	632.1	1.8	4.7	.9	2.3
Bush township	58	80	81	27	27	(NA)	93.7	36.2	91.9	35.5	.6	1.6	.3	.8
Cherry Lake township	49	56	79	20	22	(NA)	90.6	35.0	87.0	33.6	.6	1.5	.2	.6
Columbia township	61	70	94	25	24	(NA)	90.8	35.0	90.5	34.9	.7	1.7	.3	.7
Colvin township	64	96	109	37	39	(NA)	93.4	36.1	92.0	35.5	.7	1.8	.4	1.0
Eddy township	46	61	63	26	23	(NA)	94.5	36.5	92.9	35.9	.5	1.3	.3	.7
Freeborn township	91	142	162	56	60	(NA)	94.3	36.4	93.4	36.1	1.0	2.5	.6	1.6
Gates township	75	103	124	52	46	(NA)	93.0	35.9	92.1	35.6	.8	2.1	.6	1.5
Grandfield township	56	62	78	28	35	(NA)	92.9	35.9	92.6	35.8	.6	1.6	.3	.8
Hillsdale township	44	63	79	20	31	(NA)	94.2	36.4	90.1	34.8	.5	1.3	.2	.6
Lake Washington township	32	54	50	19	21	(NA)	93.0	35.9	83.9	32.4	.4	1.0	.2	.6
Munster township	87	88	143	37	37	(NA)	93.4	36.1	93.2	36.0	.9	2.4	.4	1.0
New Rockford city †	1 604	1 791	1 969	760	792	703	3.5	1.3	3.4	1.3	471.8	1 233.8	223.5	584.6
New Rockford township	88	141	136	45	45	(NA)	90.2	34.8	89.6	34.6	1.0	2.5	.5	1.3
Paradise township	31	71	93	20	33	(NA)	91.5	35.3	88.3	34.1	.4	.9	.2	.6
Pleasant Prairie township	57	66	80	28	29	(NA)	90.2	34.8	89.6	34.6	.6	1.6	.3	.8
Rosefield township	61	58	97	30	24	(NA)	90.9	35.1	90.3	34.9	.7	1.7	.3	.9
Sheldon township	45	54	74	19	17	(NA)	93.3	36.0	92.5	35.7	.5	1.3	.2	.5
Sheyenne city	272	307	362	155	162	152	.4	.2	.4	.2	680.0	1 360.0	387.5	775.0
Superior township	86	119	138	44	44	(NA)	91.2	35.2	90.4	34.9	1.0	2.5	.5	1.3
Tiffany township	44	72	92	22	30	(NA)	93.5	36.1	93.1	36.0	.5	1.2	.2	.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.]

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
Emmons County †	4 830	5 877	7 200	2 200	2 322	2 167	4 027.0	1 554.8	3 910.9	1 510.0	1.2	3.2	.6	1.5
Bradcock city	56	86	106	31	34	34	.6	.2	.6	.2	93.3	280.0	51.7	155.0
Buchanan Valley township	44	78	72	21	26	(NA)	93.8	36.2	93.8	36.2	.5	1.2	.2	.6
Campbell township	83	119	143	43	44	(NA)	95.3	36.8	90.3	34.9	.9	2.4	.5	1.2
Danbury township	68	80	117	32	35	(NA)	94.1	36.3	94.0	36.3	.7	1.9	.3	.9
Hague city	109	127	146	59	61	67	.7	.3	.7	.3	155.7	363.3	84.3	196.7
Harding township	64	80	153	25	33	(NA)	93.1	36.0	89.7	34.6	.7	1.8	.3	.7
Hazleton city	240	266	374	126	155	150	.6	.2	.6	.2	400.0	1 200.0	210.0	630.0
Hazlet township	83	126	151	42	39	(NA)	92.7	35.8	92.7	35.8	.9	2.3	.5	1.2
Lincoln township	41	...	...	22	...	...	93.5	36.1	93.3	36.0	.4	1.1	.2	.6
Linton city †	1 410	1 561	1 695	684	684	633	1.9	.7	1.9	.7	742.1	2 014.3	360.0	977.1
McCulley township	79	96	99	31	37	(NA)	94.4	36.5	94.4	36.4	.8	2.2	.3	.9
Northeast Emmons unorg.	550	845	...	195	285	...	636.0	245.6	634.3	244.9	.9	2.2	.3	.8
North Emmons unorg. †	79	...	...	33	...	...	186.9	72.4	186.9	72.2	.4	1.1	.2	.5
Prairie View township	44	44	91	18	23	(NA)	94.2	36.4	94.0	36.3	.5	1.2	.2	.5
South Emmons unorg.	775	989	...	276	316	...	1 005.5	388.2	1 000.0	386.1	.8	2.0	.3	.7
Strasburg city	553	623	642	241	228	208	.8	.3	.8	.3	691.3	1 843.3	301.3	803.3
Tell township	52	72	95	30	30	(NA)	93.4	36.1	92.0	35.5	.6	1.5	.3	.8
West Emmons unorg.	441	616	...	271	273	...	1 254.9	484.5	1 156.3	446.5	.4	1.0	.2	.6
Wood township	59	69	83	20	19	(NA)	94.4	36.4	94.4	36.4	.6	1.6	.2	.5
Foster County †	3 983	4 611	4 832	1 876	1 827	1 649	1 675.1	646.8	1 645.3	635.3	2.4	6.3	1.1	3.0
Birtsell township	121	131	164	48	47	(NA)	93.0	35.9	92.6	35.8	1.3	3.4	.5	1.3
Bordulac township	104	120	162	44	39	(NA)	92.9	35.9	87.9	33.9	1.2	3.1	.5	1.3
Bucephalia township	63	74	90	29	24	(NA)	93.5	36.1	91.8	35.4	.7	1.8	.3	.8
Carrington city †	2 267	2 641	2 491	1 047	1 043	853	3.8	1.5	3.8	1.5	596.6	1 511.3	275.5	698.0
Carrington township	183	186	150	78	60	(NA)	89.5	34.6	88.6	34.2	2.1	5.4	.9	2.3
Eastman township	39	54	62	20	21	(NA)	93.4	36.1	92.2	35.6	.4	1.1	.2	.6
Estabrook township	72	89	97	30	29	(NA)	93.1	36.0	92.9	35.9	.8	2.0	.3	.8
Florance township	89	82	92	91	68	(NA)	92.9	35.9	89.9	34.7	1.0	2.6	1.0	2.6
Glenfield city	118	164	127	62	69	56	.3	.1	.3	.1	393.3	1 180.0	206.7	620.0
Glenfield township	85	114	141	38	39	(NA)	92.9	35.9	92.5	35.7	.9	2.4	.4	1.1
Grace City city †	108	...	...	49	...	...	1.3	.5	1.3	.5	83.1	216.0	37.7	98.0
Haven township	50	64	91	23	24	(NA)	93.0	35.9	91.4	35.3	.5	1.4	.3	.7
Larrabee township	60	166	171	25	71	(NA)	91.7	35.4	90.0	34.7	.7	1.7	.3	.7
Longview township	56	63	108	32	26	(NA)	93.4	36.1	91.6	35.4	.6	1.6	.3	.9
McHenry city	85	113	152	57	50	47	.7	.3	.7	.3	121.4	283.3	81.4	190.0
McHenry township	87	85	158	34	37	(NA)	92.4	35.7	90.7	35.0	1.0	2.5	.4	1.0
McKinnon township	43	70	104	22	25	(NA)	93.4	36.1	92.4	35.7	.5	1.2	.2	.6
Melville township	55	61	89	27	29	(NA)	93.5	36.1	88.9	34.3	.6	1.6	.3	.8
Nordmore township	90	91	109	35	42	(NA)	92.2	35.6	91.9	35.5	1.0	2.5	.4	1.0
Rolling Prairie township	52	53	81	24	27	(NA)	93.0	35.9	92.3	35.7	.6	1.5	.3	.7
Rose Hill township	94	118	117	34	35	(NA)	92.4	35.7	90.9	35.1	1.0	2.7	.4	1.0
Wyand township	62	72	76	27	22	(NA)	92.7	35.8	90.7	35.0	.7	1.8	.3	.8
Golden Valley County	2 108	2 391	2 611	1 035	1 033	915	2 596.2	1 002.4	2 595.2	1 002.0	.8	2.1	.4	1.0
Beach city	1 205	1 381	1 408	614	599	493	4.7	1.8	4.7	1.8	256.4	669.4	130.6	341.1
Beach township	201	218	273	64	72	(NA)	272.1	105.1	272.1	105.1	.7	1.9	.2	.6
Bullion township	50	63	53	25	24	(NA)	108.3	41.8	108.3	41.8	.5	1.2	.2	.6
Delhi township	46	33	42	18	18	(NA)	93.0	35.9	93.0	35.9	.5	1.3	.2	.5
East Golden Valley unorg.	13	13	...	5	6	...	184.8	71.4	184.8	71.4	.1	2	—	.1
Elk Creek township	10	5	23	6	6	(NA)	92.6	35.7	92.6	35.7	.1	.3	.1	.2
Elmwood township	13	16	21	7	8	(NA)	92.3	35.6	92.3	35.6	.1	.4	.1	.2
Gamer township	25	27	58	12	12	(NA)	77.4	29.9	77.4	29.9	.3	.8	.2	.4
Golva city	101	101	104	62	44	41	.9	.3	.9	.3	112.2	336.7	68.9	206.7
Henry township	27	38	34	15	16	(NA)	187.8	72.5	187.8	72.5	.1	.4	.1	.2
Lone Tree township	166	209	207	70	74	(NA)	272.4	105.2	272.2	105.1	.6	1.6	.3	.7
North Golden Valley unorg.	35	55	...	19	19	...	371.2	143.3	371.2	143.3	.1	.2	.1	.1
Pearl township	12	5	14	6	8	(NA)	187.2	72.3	187.2	72.3	.1	.2	—	.1
Saddle Butte township	40	61	61	23	33	(NA)	91.8	35.4	91.4	35.3	.4	1.1	.3	.4
Sentinel township	62	62	107	33	31	(NA)	371.8	143.5	371.5	143.4	.2	.4	.1	.2
Sentinel Butte city	79	86	125	45	51	54	2.9	1.1	2.9	1.1	27.2	71.8	15.5	40.9
South Golden Valley unorg.	23	18	...	12	12	(NA)	185.1	71.5	185.0	71.4	.1	.3	.1	.2
Grand Forks County †	70 683	66 100	61 102	27 085	24 563	18 192	3 729.4	1 439.9	3 724.1	1 437.9	19.0	49.2	7.3	18.8
Agnes township	94	121	144	51	57	(NA)	93.5	36.1	93.5	36.1	1.0	2.6	.5	1.4
Allendale township	284	261	187	90	94	(NA)	92.9	35.9	92.9	35.9	3.1	7.9	1.0	2.5
Americus township	161	214	179	69	76	(NA)	93.2	36.0	93.2	36.0	1.7	4.5	.7	1.9
Arvilla township	322	350	143	140	118	(NA)	93.0	35.9	93.0	35.9	3.5	9.0	1.5	3.9
Avon township	141	128	158	53	55	(NA)	93.0	35.9	93.0	35.9	1.5	3.9	.6	1.5
Bentru township	53	65	66	30	33	(NA)	46.0	17.7	46.0	17.7	1.2	3.0	.7	1.7
Blooming township	1 456	786	180	480	210	(NA)	90.2	34.8	89.4	34.5	16.3	42.2	5.4	13.9
Grand Forks AFB CDP (pt.)	1 220	527	—	362	100	—	2.1	.8	2.1	.8	581.0	1 525.0	172.4	452.5
Brenna township	523	530	189	176	168	(NA)	93.4	36.1	93.4	36.1	5.6	14.5	1.9	4.9
Chester township	150	191	215	61	77	153	93.8	36.2	93.8	36.2	1.6	4.1	.7	1.7
Elkmount township	53	67	79	27	28	(NA)	93.3	36.0	92.9	35.9	.6	1.5	.3	.8



POPULATION AND HOUSING UNIT COUNTS

NORTH DAKOTA 19

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	
Grand Forks County †—Con.															
Elm Grove township	134	168	156	67	64	(NA)	94.5	36.5	94.5	36.5	1.4	3.7	.7	1.8	
Emerado city	483	596	515	277	349	153	.8	.3	.8	.3	603.8	1 610.0	346.3	923.3	
Fairfield township	106	97	115	38	42	(NA)	92.1	35.5	92.1	35.5	1.2	3.0	.4	1.1	
Falconer township	314	283	159	109	111	(NA)	34.3	13.2	34.1	13.2	9.2	23.8	3.2	8.3	
Ferry township	373	366	222	134	141	(NA)	119.6	46.2	119.2	46.0	3.1	8.1	1.1	2.9	
Gilby city	262	283	268	117	118	97	.4	.1	.4	.1	655.0	2 620.0	292.5	1 170.0	
Gilby township	133	127	139	56	56	(NA)	93.5	36.1	93.5	36.1	1.4	3.7	.6	1.6	
Grace township	90	127	105	34	40	(NA)	94.2	36.4	94.2	36.4	1.0	2.5	.4	.9	
Grand Forks city	49 425	43 765	39 008	19 589	17 174	11 884	37.4	14.4	37.4	14.4	1 321.5	3 432.3	523.8	1 360.3	
Grand Forks township	465	789	1 083	151	243	(NA)	39.2	15.1	39.1	15.1	11.9	30.8	3.9	10.0	
Hegton township	195	182	269	70	65	(NA)	94.4	36.4	94.1	36.3	2.1	5.4	.7	1.9	
Inkster city	95	135	198	66	72	84	2.6	1.0	2.6	1.0	36.5	95.0	25.4	66.0	
Inkster township	127	127	127	44	29	(NA)	92.3	35.6	91.8	35.4	1.4	3.6	.5	1.2	
Johnstown township	109	113	158	60	68	(NA)	93.9	36.3	93.9	36.3	1.2	3.0	.6	1.7	
Lakeville township	91	87	88	42	39	(NA)	93.1	36.0	91.9	35.5	1.0	2.6	.5	1.2	
Larimore city	1 464	1 524	1 469	654	698	556	1.6	.6	1.6	.6	915.0	2 440.0	408.8	1 090.0	
Larimore township	151	202	175	57	65	(NA)	93.0	35.9	92.9	35.9	1.6	4.2	.6	1.6	
Levant township	59	83	83	32	35	(NA)	93.3	36.0	93.3	36.0	.6	1.6	.3	.9	
Lind township	86	119	125	31	40	(NA)	93.8	36.2	93.7	36.2	.9	2.4	.3	.9	
Logan Center township	63	77	97	26	25	(NA)	93.4	36.1	93.4	36.0	.7	1.8	.3	.7	
Loretta township	69	66	69	31	32	(NA)	93.7	36.2	93.7	36.2	.7	1.9	.3	.9	
Manvel city	333	308	265	129	126	107	.8	.3	.8	.3	416.3	1 110.0	161.3	430.0	
Mekinock township	8 316	9 011	10 678	2 352	2 208	(NA)	94.5	36.5	94.5	36.5	88.0	227.8	24.9	64.4	
Grand Forks AFB CDP (pt.)	8 123	8 863	10 474	2 256	2 121	2 117	19.9	7.7	19.9	7.7	408.2	1 054.9	113.4	293.0	
Michigan township	162	198	215	61	66	(NA)	93.5	36.1	93.5	36.1	1.7	4.5	.7	1.7	
Moraine township	121	126	96	37	38	(NA)	93.1	35.9	93.0	35.9	1.3	3.4	.4	1.0	
Niagara city	73	76	115	37	46	53	2.5	1.0	2.4	.9	30.4	81.1	15.4	41.1	
Niagara township	91	107	115	35	38	(NA)	91.1	35.2	91.0	35.1	1.0	2.6	.4	1.0	
Northwood city	1 166	1 240	1 189	503	505	453	2.3	.9	2.3	.9	507.0	1 295.6	218.7	558.9	
Northwood township	160	204	165	56	62	(NA)	90.6	35.0	90.6	35.0	1.8	4.6	.6	1.6	
Oakville township	176	182	114	66	64	(NA)	90.7	35.0	90.5	35.0	1.9	5.0	.7	1.9	
Pleasant View township	163	154	135	55	54	(NA)	93.4	36.1	93.4	36.1	1.7	4.5	.6	1.5	
Plymouth township	107	121	138	52	59	(NA)	93.6	36.1	93.4	36.1	1.1	3.0	.6	1.4	
Reynolds city (pt.)	107	115	111	50	50	39	.6	.2	.6	.2	178.3	535.0	83.3	250.0	
Rye township	271	161	173	124	124	(NA)	88.0	34.0	88.0	34.0	2.4	6.3	.8	2.1	
Strabane township	154	153	183	66	55	(NA)	92.0	35.5	92.0	35.5	1.7	4.3	.7	1.9	
Thompson city	930	785	291	294	249	98	1.2	.5	1.2	.5	775.0	1 860.0	245.0	588.0	
Turtle River township	177	226	189	68	71	(NA)	87.0	33.6	86.5	33.4	2.0	5.3	.8	2.0	
Union township	201	206	221	81	90	(NA)	93.3	36.0	93.3	36.0	2.2	5.6	.9	2.3	
Walle township	277	323	262	116	131	(NA)	100.9	39.0	100.9	39.0	2.7	7.1	1.1	3.0	
Washington township	125	171	156	51	59	(NA)	93.4	36.1	93.4	36.1	1.3	3.5	.5	1.4	
Wheatfield township	100	94	135	41	46	(NA)	93.6	36.1	93.6	36.1	1.1	2.8	.4	1.1	
Grant County	3 549	4 274	5 009	2 011	1 969	1 649	4 315.0	1 666.0	4 298.3	1 659.6	.8	2.1	.5	1.2	
Carson city	383	469	466	224	219	184	10.4	4.0	10.4	4.0	36.8	95.8	21.5	56.0	
Central Grant unorg.	78	75	...	33	32	...	193.6	74.7	193.2	74.6	.4	1.0	.2	.5	
East Grant unorg.	714	888	...	310	298	...	1 565.2	604.3	1 564.7	604.1	.5	1.2	.2	.4	
Elgin city	765	930	839	415	427	328	2.1	.8	2.1	.8	364.3	956.3	197.6	518.8	
Elm township	70	86	107	41	35	(NA)	90.0	34.7	90.0	34.7	.8	2.0	.5	1.2	
Fisher township	36	30	48	13	12	(NA)	85.7	33.1	85.5	33.0	.4	1.1	.2	.4	
Freda township	21	23	36	10	8	(NA)	93.2	36.0	93.1	36.0	.2	.6	.1	.3	
Howe township	16	29	27	12	9	(NA)	81.9	31.6	81.9	31.6	.2	.5	.1	.4	
Lark township	68	64	93	30	28	(NA)	93.1	36.0	93.1	36.0	.7	1.9	.3	.8	
Leipzig township	83	82	93	32	33	(NA)	93.0	35.9	93.0	35.9	.9	2.3	.3	.9	
Leith city	43	59	92	28	25	38	3.2	1.2	3.2	1.2	13.4	35.8	8.8	23.3	
Minnie township	102	104	108	44	38	(NA)	90.5	35.0	90.5	35.0	1.1	2.9	.5	1.3	
New Leipzig city	326	352	354	180	163	143	2.3	.9	2.3	.9	141.7	362.2	78.3	200.0	
Otter Creek township	52	60	57	19	21	(NA)	92.5	35.7	92.5	35.7	.6	1.5	.2	.5	
Pretty Rock township	31	41	47	16	17	(NA)	92.8	35.8	92.7	35.8	.3	.7	.2	.4	
Raleigh township	86	113	150	45	45	(NA)	93.3	36.0	93.2	36.0	.9	2.4	.5	1.3	
Rock township	32	43	58	15	16	(NA)	92.2	35.6	92.1	35.6	.3	.9	.2	.5	
Schultz township	45	62	65	17	18	(NA)	92.9	35.9	92.8	35.8	.5	1.3	.2	.5	
West Grant unorg.	559	688	...	512	491	...	1 342.6	518.4	1 327.4	512.5	.4	1.1	.4	1.0	
Winona township	39	33	37	15	16	(NA)	104.6	40.4	104.4	40.3	.4	1.0	.1	.4	
Griggs County	3 303	3 714	4 184	1 660	1 739	1 658	1 855.0	716.2	1 835.1	708.5	1.8	4.7	.9	2.3	
Addie township	70	85	88	38	35	(NA)	92.0	35.5	92.0	35.5	.8	2.1	.4	1.1	
Ball Hill township	109	119	113	39	38	(NA)	94.8	36.6	94.8	36.6	1.1	3.0	.4	1.1	
Bartley township	46	48	75	21	24	(NA)	90.3	34.9	88.9	34.3	.5	1.3	.2	.6	
Binford city	233	293	242	129	147	106	.9	.3	.9	.3	258.9	776.7	143.3	430.0	
Broadview township	53	68	83	30	31	(NA)	91.5	35.3	87.7	33.9	.6	1.6	.3	.9	
Bryan township	70	63	91	30	30	(NA)	93.1	36.0	93.1	35.9	.8	1.9	.3	.8	
Clearfield township	65	94	94	32	37	(NA)	93.2	36.0	91.6	35.4	.7	1.8	.3	.9	
Cooperstown city	1 247	1 308	1 485	595	606	536	2.1	.8	2.1	.8	593.8	1 558.8	283.3	743.8	
Cooperstown township	86	104	109	35	37	(NA)	93.1	35.9	92.3	35.6	.9	2.4	.4	1.0	

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	
Griggs County †—Con.															
Dover township	57	75	112	25	34	(NA)	91.6	35.4	91.2	35.2	.6	1.6	.3	.7	
Greenfield township	117	137	181	66	64	(NA)	90.5	34.9	90.5	34.9	1.3	3.4	.7	1.9	
Hannafoord city	204	201	244	92	97	102	.6	.2	.6	.2	340.0	1 020.0	153.3	460.0	
Helena township	64	71	152	36	35	(NA)	93.6	36.1	93.3	36.0	.7	1.8	.4	1.0	
Kingsley township	74	100	28	30	36	(NA)	93.3	36.0	93.3	36.0	.8	2.1	.3	.8	
Lenora township	97	101	114	39	42	(NA)	91.1	35.2	90.0	34.7	1.1	2.8	.4	1.1	
Mabel township	110	126	169	64	72	(NA)	93.6	36.2	93.4	36.0	1.2	3.1	.7	1.8	
Pilot Mound township	81	88	107	37	36	(NA)	93.6	36.2	93.2	36.0	.9	2.3	.4	1.0	
Romness township	50	73	96	29	36	(NA)	92.4	35.7	92.3	35.6	.5	1.4	.3	.8	
Rosendal township	54	68	68	89	76	(NA)	91.3	35.2	90.0	34.8	.6	1.6	1.0	2.6	
Sverdrup township	109	112	139	45	48	(NA)	93.2	36.0	93.1	36.0	1.2	3.0	.5	1.3	
Tyrol township	161	179	173	61	66	(NA)	95.4	36.8	94.9	36.6	1.7	4.4	.6	1.7	
Washburn township	79	111	123	67	76	(NA)	92.8	35.8	92.6	35.8	.7	1.9	.3	.9	
Willow township	79	111	123	67	76	(NA)	91.0	35.1	89.5	34.5	.9	2.3	.7	1.9	
Hettinger County †	3 445	4 275	5 075	1 637	1 668	1 579	2 936.5	1 133.8	2 932.7	1 132.3	1.2	3.0	.6	1.4	
Acme township	34	59	103	16	14	(NA)	93.3	36.0	93.3	36.0	.4	.9	.2	.4	
Alden township	30	38	50	15	14	(NA)	93.8	36.2	93.6	36.2	.3	.8	.2	.4	
Ashby township	10	21	30	7	9	(NA)	83.4	32.2	83.4	32.2	.1	.3	.1	.2	
Baer township	41	38	55	16	12	(NA)	83.7	32.3	83.5	32.2	.5	1.3	.2	.5	
Berry township	29	37	74	17	21	(NA)	91.9	35.5	91.4	35.3	.3	.8	.2	.5	
Black Butte township	47	71	79	16	17	(NA)	92.8	35.8	92.8	35.8	.5	1.3	.2	.4	
Brittann township	25	35	48	14	15	(NA)	92.6	35.7	92.4	35.7	.3	.7	.2	.4	
Campbell township	62	63	108	23	17	(NA)	91.0	35.1	91.0	35.1	.7	1.8	.3	.7	
Cannon Ball township	104	95	145	37	41	(NA)	93.1	35.9	93.1	35.9	1.1	2.9	.4	1.0	
Castle Rock township	96	117	200	51	46	(NA)	93.1	35.9	93.1	35.9	1.0	2.7	.5	1.4	
Chilton township	36	44	76	18	20	(NA)	93.9	36.2	93.8	36.2	.4	1.0	.2	.5	
Clark township	32	50	67	13	12	(NA)	91.9	35.5	91.9	35.5	.3	.9	.1	.4	
Farina township	52	60	76	15	16	(NA)	94.4	36.5	93.9	36.3	.6	1.4	.2	.4	
Havelock township	34	47	62	17	18	(NA)	92.2	35.6	92.2	35.6	.4	1.0	.2	.5	
Highland township	34	51	50	13	16	(NA)	89.0	34.3	89.0	34.3	.4	1.0	.1	.4	
Indian Creek township	34	38	41	16	13	(NA)	91.9	35.5	91.8	35.4	.4	1.0	.2	.5	
Kennedy township	63	84	97	29	26	(NA)	93.6	36.1	93.4	36.1	.7	1.7	.3	.8	
Kern township	22	30	34	8	11	(NA)	83.8	32.3	83.7	32.3	.3	.7	.1	.2	
Kunze township	66	93	146	31	29	(NA)	94.4	36.4	94.4	36.4	.7	1.8	.3	.9	
Madison township	55	54	73	16	14	(NA)	94.0	36.3	94.0	36.3	.6	1.5	.2	.4	
Merrill township	11	25	39	8	14	(NA)	83.8	32.3	83.1	32.1	.1	.3	.1	.2	
Mott city †	1 019	1 315	1 368	506	525	483	2.7	1.0	2.7	1.0	377.4	1 019.0	187.4	506.0	
Mott township	69	101	67	29	36	(NA)	91.0	35.1	90.8	35.1	.8	2.0	.3	.8	
New England city	663	825	906	363	363	341	1.3	.5	1.3	.5	510.0	1 326.0	279.2	726.0	
New England township	124	111	110	46	35	(NA)	92.0	35.5	92.0	35.5	1.3	3.5	.5	1.3	
Odesa township	25	40	61	10	18	(NA)	92.8	35.8	92.7	35.8	.3	.7	.1	.3	
Regent city	268	297	344	142	135	128	1.4	.5	1.4	.5	191.4	536.0	101.4	284.0	
Rifle township	55	68	73	21	23	(NA)	91.9	35.5	91.9	35.5	.6	1.5	.2	.6	
St. Croix township	48	56	96	16	16	(NA)	95.0	36.7	95.0	36.7	.5	1.3	.2	.4	
Solon township	42	44	57	19	21	(NA)	93.2	36.0	93.0	35.9	.5	1.2	.2	.5	
Steiner township	33	70	89	15	21	(NA)	90.9	35.1	90.8	35.1	.4	.9	.2	.4	
Strehlow township	46	49	46	19	20	(NA)	93.1	36.0	93.0	35.9	.5	1.3	.2	.5	
Tepee Butte township	54	53	50	17	17	(NA)	92.8	35.8	92.7	35.8	.6	1.5	.2	.5	
Wagendorf township	46	50	74	23	25	(NA)	93.2	36.0	93.2	36.0	.5	1.3	.2	.6	
Walker township	36	46	81	15	18	(NA)	93.7	36.2	93.6	36.1	.4	1.0	.2	.4	
Kidder County	3 332	3 833	4 362	1 672	1 740	1 505	3 712.3	1 433.3	3 500.8	1 351.6	1.0	2.5	.5	1.2	
Allen township	66	78	105	24	27	(NA)	91.3	35.3	88.4	34.1	.7	1.9	.3	.7	
Atwood township	47	46	56	21	17	(NA)	91.9	35.5	86.3	33.3	.5	1.4	.2	.6	
Baker township	60	87	95	21	27	(NA)	103.5	40.0	101.9	39.3	.6	1.5	.2	.5	
Buckeye township	34	40	50	21	20	(NA)	92.7	35.8	84.2	32.5	.4	1.0	.2	.6	
Bunker township	48	61	83	21	23	(NA)	93.5	36.1	93.5	36.1	.5	1.3	.2	.6	
Chestina township	40	47	68	14	17	(NA)	93.4	36.1	92.7	35.8	.4	1.1	.2	.4	
Clear Lake township	65	74	77	32	32	(NA)	92.2	35.6	89.5	34.6	.7	1.9	.4	.9	
Crown Hill township	25	33	47	12	12	(NA)	83.5	32.3	79.7	30.8	.3	.8	.2	.4	
Crystal Springs township	64	48	59	27	21	(NA)	93.3	36.0	91.6	35.4	.7	1.8	.3	.8	
Dawson city	78	144	131	50	70	61	1.0	.4	1.0	.4	78.0	195.0	50.0	125.0	
Excelsior township	46	44	58	14	18	(NA)	93.1	35.9	91.6	35.4	.5	1.3	.2	.4	
Frettim township	39	61	72	16	18	(NA)	92.7	35.8	86.0	33.2	.5	1.2	.2	.5	
Graf township	39	48	70	21	20	(NA)	93.3	36.0	81.4	31.4	.5	1.2	.3	.7	
Haynes township	27	39	50	12	14	(NA)	92.8	35.8	88.9	34.3	.3	.8	.1	.3	
Kickapoo township	29	39	41	10	12	(NA)	92.1	35.6	86.0	33.2	.3	.9	.1	.3	
Lake Williams township	39	73	74	24	35	(NA)	92.8	35.8	81.8	31.6	.5	1.2	.3	.8	
Manning township	103	98	131	32	34	(NA)	185.2	71.5	179.3	69.2	.6	1.5	.2	.5	
Merkel township	65	84	101	25	28	(NA)	185.6	71.7	170.1	65.7	.4	1.0	.1	.4	
Northwest township	34	35	48	12	14	(NA)	89.3	34.5	85.0	32.8	.4	1.0	.1	.4	
Peace township	49	63	84	17	20	(NA)	93.7	36.2	88.2	34.0	.6	1.4	.2	.5	

POPULATION AND HOUSING UNIT COUNTS

NORTH DAKOTA 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.]

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	
Kidder County—Con.															
Petersville township	43	79	84	22	36	(NA)	93.1	36.0	88.1	34.0	.5	1.3	.2	.6	
Pettibone city	93	127	173	66	70	73	.5	.2	.5	.2	186.0	465.0	132.0	330.0	
Pettibone township	70	88	86	29	32	(NA)	92.7	35.8	83.2	32.1	.8	2.2	.3	.9	
Pleasant Hill township	59	76	77	24	25	(NA)	93.1	36.0	91.8	35.4	.6	1.7	.3	.7	
Quincy township	23	29	28	8	8	(NA)	93.0	35.9	75.6	29.2	.3	.8	.1	.3	
Rexine township	28	15	42	13	10	(NA)	92.1	35.6	88.0	34.0	.3	.8	.1	.4	
Robinson city	87	129	125	61	64	57	.4	.2	.4	.2	217.5	435.0	152.5	305.0	
Robinson township	61	59	91	23	24	(NA)	93.1	36.0	89.0	34.4	.7	1.8	.3	.7	
Sibley township	91	48	61	192	151	(NA)	92.3	35.6	81.8	31.6	1.1	2.9	2.3	6.1	
South Kidder unorg.	36	46	...	15	11	...	93.6	36.1	86.0	33.2	.4	1.1	.2	.5	
Steele city	762	796	696	351	352	279	1.5	.6	1.5	.6	508.0	1 270.0	234.0	585.0	
Stewart township	34	37	45	12	13	(NA)	89.8	34.7	86.2	33.3	.4	1.0	.1	.4	
Tanner township	41	55	57	19	17	(NA)	94.2	36.4	88.3	34.1	.5	1.2	.2	.6	
Tappen city	239	271	294	114	127	123	3.3	1.3	3.3	1.3	72.4	183.8	34.5	87.7	
Tappen township	95	83	116	32	34	(NA)	89.9	34.7	89.2	34.5	1.1	2.8	.4	.9	
Tuttle city	160	202	216	86	100	94	.6	.2	.6	.2	266.7	800.0	143.3	430.0	
Tuttle township	89	104	118	32	37	(NA)	92.0	35.5	89.4	34.5	1.0	2.6	.4	.9	
Valley township	42	53	70	15	19	(NA)	93.4	36.1	90.0	34.7	.5	1.2	.2	.4	
Vernon township	45	62	57	34	32	(NA)	93.4	36.1	77.8	30.0	.6	1.5	.4	1.1	
Wallace township	33	38	37	14	11	(NA)	92.3	35.6	88.6	34.2	.4	1.0	.2	.4	
Weiser township	53	48	84	25	27	(NA)	92.9	35.9	90.1	34.8	.6	1.5	.3	.7	
Westford township	40	45	73	14	15	(NA)	93.7	36.2	86.6	33.4	.5	1.2	.2	.4	
Williams township	22	30	64	9	16	(NA)	93.9	36.3	87.6	33.8	.3	.7	.1	.3	
Woodlawn township	89	71	108	36	30	(NA)	90.4	34.9	90.0	34.8	1.0	2.6	.4	1.0	
LaMoure County †	5 383	6 473	7 117	2 434	2 527	2 550	2 980.7	1 150.9	2 971.3	1 147.2	1.8	4.7	.8	2.1	
Adrian township	132	160	158	56	57	(NA)	93.4	36.1	93.4	36.1	1.4	3.7	.6	1.6	
Badger township	64	86	101	26	30	(NA)	93.6	36.2	92.9	35.8	.7	1.8	.3	.7	
Berlin city	32	57	76	15	21	28	.3	.1	.3	.1	106.7	320.0	50.0	150.0	
Black Loam township	79	81	95	32	34	(NA)	93.1	35.9	92.9	35.9	.9	2.2	.3	.9	
Bluebird township	68	115	118	34	38	(NA)	92.1	35.6	92.0	35.5	.7	1.9	.4	1.0	
Dean township	215	248	203	59	44	(NA)	90.1	34.8	89.0	34.4	2.4	6.3	.7	1.7	
Dickey city	53	74	118	31	37	55	.6	.2	.6	.2	88.3	265.0	51.7	155.0	
Edgeley city †	680	843	888	340	366	324	1.9	.7	1.9	.7	357.9	971.4	178.9	485.7	
Gladstone township	90	110	143	37	39	(NA)	93.0	35.9	93.0	35.9	1.0	2.5	.4	1.0	
Glen township	58	100	163	37	44	(NA)	91.6	35.4	91.4	35.3	.6	1.6	.4	1.0	
Glenmore township	74	106	119	32	29	(NA)	92.7	35.8	92.7	35.8	.8	2.1	.3	.9	
Golden Glen township	136	162	183	57	53	(NA)	91.7	35.4	91.5	35.3	1.5	3.9	.6	1.6	
Grand Rapids township	120	117	163	44	48	(NA)	93.4	36.1	93.4	36.1	1.3	3.3	.5	1.2	
Grandview township	85	92	105	34	32	(NA)	92.7	35.8	92.5	35.7	.9	2.4	.4	1.0	
Greenville township	94	112	148	31	39	(NA)	93.3	36.0	93.1	35.9	1.0	2.6	.3	.9	
Henrietta township	91	100	140	35	31	(NA)	93.4	36.1	93.3	36.0	1.0	2.5	.4	1.0	
Jud city	84	118	110	53	56	53	.6	.2	.6	.2	140.0	420.0	88.3	265.0	
Kennison township	120	187	210	60	63	(NA)	93.0	35.9	92.9	35.9	1.3	3.3	.6	1.7	
Kulm city	514	570	625	283	304	275	.8	.3	.8	.3	642.5	1 713.3	353.8	943.3	
La Moure city †	970	1 077	951	430	440	380	3.2	1.2	3.2	1.2	303.1	808.3	134.4	358.3	
Litchville township	90	90	144	45	40	(NA)	93.5	36.1	93.3	36.0	1.0	2.5	.5	1.3	
Marion city	169	214	215	92	98	86	2.6	1.0	2.2	.8	76.8	211.3	41.8	115.0	
Mikkelsen township	63	69	80	25	26	(NA)	92.5	35.7	92.3	35.6	.7	1.8	.3	.7	
Nora township	87	107	142	34	37	(NA)	93.3	36.0	93.1	36.0	.9	2.4	.4	.9	
Norden township	77	87	106	32	32	(NA)	92.4	35.7	92.3	35.6	.8	2.2	.3	.9	
Ovid township	81	112	110	32	41	(NA)	92.7	35.8	91.4	35.3	.9	2.3	.4	.9	
Pearl Lake township	81	87	105	27	28	(NA)	93.4	36.0	91.4	35.3	.9	2.3	.3	.8	
Pomona View township	43	53	66	26	19	(NA)	93.2	36.0	92.8	35.8	.5	1.2	.3	.7	
Prairie township	84	114	142	43	41	(NA)	93.5	36.1	93.4	36.1	.9	2.3	.5	1.2	
Raney township	33	60	85	20	24	(NA)	91.8	35.4	91.7	35.4	.4	.9	.2	.6	
Ray township	64	77	107	28	24	(NA)	93.1	35.4	93.1	36.0	.7	1.8	.3	.8	
Roscoe township	96	118	117	34	35	(NA)	92.9	35.9	92.9	35.9	1.0	2.7	.4	.9	
Russell township	71	100	111	33	34	(NA)	92.8	35.8	92.8	35.8	.8	2.0	.4	.9	
Ryan township	107	114	88	40	41	(NA)	93.4	36.1	92.7	35.8	1.2	3.0	.4	1.1	
Saratoga township	62	81	93	29	27	(NA)	93.7	36.2	93.6	36.2	.7	1.7	.3	.8	
Sheridan township	51	60	61	19	22	(NA)	90.7	35.0	90.4	34.9	.6	1.5	.2	.5	
Sweede township	61	98	127	39	41	(NA)	92.8	35.8	92.6	35.8	.7	1.7	.4	1.1	
Verona city	103	126	140	53	58	56	.7	.3	.7	.3	147.1	343.3	75.7	176.7	
Wano township	62	65	106	22	24	(NA)	93.6	36.1	93.6	36.1	.7	1.7	.2	.6	
Willowbank township	139	126	155	35	30	(NA)	93.8	36.2	93.7	36.2	1.5	3.8	.4	1.0	
Logan County	2 847	3 493	4 245	1 335	1 422	1 384	2 618.9	1 011.1	2 571.1	992.7	1.1	2.9	.5	1.3	
Bryant township	93	90	211	36	33	(NA)	89.2	34.5	89.2	34.4	1.0	2.7	.4	1.0	
Dixon township	30	37	72	14	14	(NA)	92.9	35.9	92.6	35.8	.3	.8	.2	.4	
East Logan unorg.	594	719	...	257	275	...	1 228.4	474.3	1 197.4	462.3	.5	1.3	.2	.6	
Finn township	29	53	74	17	23	(NA)	89.6	34.6	87.4	33.8	.3	.9	.2	.5	
Fredonia city	66	82	100	37	51	54	.6	.2	.6	.2	110.0	330.0	61.7	185.0	
Gackle city	450	456	470	221	230	203	1.4	.6	1.4	.5	321.4	900.0	157.9	442.0	
Glendale township	67	84	99	23	25	(NA)	95.2	36.7	95.0	36.7	.7	1.8	.2	.6	

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

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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	
Logan County—Con.															
Gutschmidt township	48	59	97	23	24	(NA)	94.4	36.5	93.2	36.0	.5	1.3	.2	.6	
Haag township	47	55	97	25	26	(NA)	93.3	36.0	93.3	36.0	.5	1.3	.3	.7	
Janke township	41	64	92	23	23	(NA)	93.6	36.2	93.2	36.0	.4	1.1	.2	.6	
Lehr city (pt.)	44	57	72	27	32	48	.2	.1	.2	.1	220.0	440.0	135.0	270.0	
Napoleon city	930	1 103	1 036	460	475	366	3.6	1.4	3.6	1.4	258.3	664.3	127.8	328.6	
Red Lake township	59	88	88	42	39	(NA)	92.6	35.8	87.1	33.6	.7	1.8	.5	1.3	
Sealy township	40	66	77	16	23	(NA)	94.7	36.6	94.3	36.4	.4	1.1	.2	.4	
Starkey township	43	69	100	17	22	(NA)	93.5	36.1	93.5	36.1	.5	1.2	.2	.5	
West Logan unorg.	266	354	...	97	89	...	455.6	175.9	449.1	173.4	.6	1.5	.2	.6	
McHenry County †	6 528	7 858	8 977	3 320	3 437	3 223	4 951.6	1 911.8	4 854.2	1 874.2	1.3	3.5	.7	1.8	
Anamoose city	277	355	401	161	176	153	1.6	.6	1.6	.6	173.1	461.7	100.6	268.3	
Anamoose township	89	109	159	35	44	(NA)	91.9	35.5	90.9	35.1	1.0	2.5	.4	1.0	
Balfour city	33	51	93	35	38	43	1.3	.5	1.3	.5	25.4	66.0	26.9	70.0	
Balfour township	49	99	115	27	33	(NA)	92.4	35.7	90.6	35.0	.5	1.4	.3	.8	
Bantry city	16	28	40	22	20	22	.4	.2	.4	.2	40.0	80.0	55.0	110.0	
Bantry township	66	64	62	31	33	(NA)	92.6	35.8	92.4	35.7	.7	1.8	.3	.9	
Bergen city	12	24	24	8	20	20	1.8	.7	1.8	.7	6.7	17.1	4.4	11.4	
Berwick township	93	100	139	37	35	(NA)	94.0	36.3	93.4	36.1	1.0	2.6	.4	1.0	
Bjornson township	56	52	104	26	30	(NA)	92.3	35.7	91.6	35.4	.6	1.6	.3	.7	
Brown township	81	84	103	32	32	(NA)	91.8	35.5	91.3	35.2	.9	2.3	.4	.9	
Cottonwood Lake township	36	35	39	19	16	(NA)	93.3	36.0	88.7	34.3	.4	1.0	.2	.6	
Deep River township	59	79	76	36	32	(NA)	93.7	36.2	93.4	36.1	.6	1.6	.4	1.0	
Deering city †	99	85	75	59	45	35	.2	.1	.2	.1	495.0	990.0	295.0	590.0	
Deering township	101	135	97	41	43	(NA)	93.5	36.1	93.3	36.0	1.1	2.8	.4	1.1	
Denbigh township	71	77	110	29	31	(NA)	94.6	36.5	93.7	36.2	.8	2.0	.3	.8	
Drake city	361	479	636	228	245	234	5.2	2.0	5.1	2.0	70.8	180.5	44.7	114.0	
East McHenry unorg.	122	179	...	68	61	...	465.9	179.9	455.1	175.7	.3	.7	.1	.4	
Egg Creek township	55	75	68	25	32	(NA)	94.4	36.4	88.9	34.3	.6	1.6	.3	.7	
Falsen township	43	79	86	18	26	(NA)	93.1	36.0	92.9	35.9	.5	1.2	.2	.5	
Gilmore township	20	15	69	11	9	(NA)	93.8	36.2	92.1	35.6	.2	.6	.1	.3	
Granville city	236	281	282	142	143	133	.5	.2	.5	.2	472.0	1 180.0	284.0	710.0	
Granville township	114	114	133	48	44	(NA)	93.2	36.0	91.1	35.2	1.3	3.2	.5	1.4	
Grilley township	78	84	93	34	33	(NA)	93.2	36.0	92.9	35.9	.8	2.2	.4	.9	
Hendrickson township	71	81	72	33	42	(NA)	93.6	36.1	93.5	36.1	.8	2.0	.4	.9	
Karlsruhe city	143	164	172	76	85	80	2.0	.8	2.0	.8	71.5	178.8	38.0	95.0	
Karlsruhe township	63	71	115	28	26	(NA)	91.8	35.4	88.9	34.3	.7	1.8	.3	.8	
Kief city	24	36	46	21	27	34	3.2	1.2	3.2	1.2	7.5	20.0	6.6	17.5	
Kottke Valley township	43	61	69	24	27	(NA)	92.4	35.7	92.4	35.7	.5	1.2	.3	.7	
Lake George township	77	95	117	30	34	(NA)	93.2	36.0	90.1	34.8	.9	2.2	.3	.9	
Lake Hester township	74	119	141	34	36	(NA)	93.0	35.9	92.2	35.6	.8	2.1	.4	1.0	
Land township	64	51	89	27	25	(NA)	90.0	34.7	88.9	34.3	.7	1.9	.3	.8	
Layton township	39	55	62	22	27	(NA)	93.3	36.0	93.0	35.9	.4	1.1	.2	.6	
Lebanon township	111	110	111	47	44	(NA)	93.7	36.2	92.1	35.5	1.2	3.1	.5	1.3	
Little Deep township	54	60	81	29	27	(NA)	94.0	36.3	93.9	36.2	.6	1.5	.3	.8	
Meadow township	80	76	113	37	33	(NA)	92.3	35.6	80.7	31.2	1.0	2.6	.5	1.2	
Mouse River township	36	35	36	16	14	(NA)	93.1	36.0	81.1	31.3	.4	1.2	.2	.5	
Newport township	140	149	182	55	54	(NA)	92.7	35.8	92.7	35.8	1.5	3.9	.6	1.5	
Normal township	80	101	81	36	36	(NA)	92.5	35.7	92.3	35.6	.9	2.2	.4	1.0	
Northeast McHenry unorg.	136	135	...	76	59	(NA)	279.9	108.1	278.7	107.6	.5	1.3	.3	.7	
North Prairie township	110	112	127	40	42	(NA)	92.9	35.9	92.8	35.8	1.2	3.1	.4	1.1	
Norwich township	167	183	142	65	68	(NA)	92.5	35.7	92.3	35.6	1.8	4.7	.7	1.8	
Odin township	59	78	111	23	28	(NA)	93.6	36.2	89.2	34.4	.7	1.7	.3	.7	
Olivia township	66	83	90	26	33	(NA)	93.0	35.9	92.9	35.9	.7	1.8	.3	.7	
Pratt township	51	76	75	29	33	(NA)	93.3	36.0	93.2	36.0	.5	1.4	.3	.8	
Riga township	91	71	95	55	28	(NA)	94.3	36.4	90.3	34.9	1.0	2.6	.6	1.6	
Rose Hill township	26	59	...	14	14	...	93.1	36.0	92.8	35.8	.3	.7	.2	.4	
Round Lake township	49	70	99	22	20	(NA)	93.6	36.2	84.5	32.6	.6	1.5	.3	.7	
Saline township	31	35	45	11	12	(NA)	93.9	36.2	93.6	36.1	.3	.9	.1	.3	
Schiller township	95	104	131	32	39	(NA)	94.4	36.4	91.8	35.4	1.0	2.7	.3	.9	
Spring Grove township	48	68	89	25	32	(NA)	88.1	34.0	83.3	32.2	.6	1.5	.3	.8	
Strege township	67	87	96	31	33	(NA)	93.7	36.2	91.3	35.3	.7	1.9	.3	.9	
Towner city	669	867	870	362	399	348	2.0	.8	2.0	.8	334.5	836.3	181.0	452.5	
Upham city	205	227	272	134	127	128	.6	.2	.6	.2	341.7	1 025.0	223.3	670.0	
Velva city †	968	1 101	1 241	486	498	420	2.0	.8	2.0	.8	484.0	1 210.0	243.0	607.5	
Velva township	163	194	124	64	60	(NA)	91.1	35.2	90.8	35.1	1.8	4.6	.7	1.8	
Villard township	43	65	100	26	21	(NA)	93.6	36.1	92.9	35.9	.5	1.2	.3	.7	
Voltaire city	63	65	54	26	26	25	1.1	.4	1.1	.4	57.3	157.5	23.6	65.0	
Voltaire township	39	53	15	25	23	(NA)	91.8	35.5	90.8	35.1	.4	1.1	.3	.7	
Wagar township	54	77	81	28	30	(NA)	93.5	36.1	93.3	36.0	.6	1.5	.3	.8	
Willow Creek township	62	79	101	33	31	(NA)	94.2	36.4	93.9	36.3	.7	1.7	.4	.9	

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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
McIntosh County	4 021	4 800	5 545	2 031	2 197	1 982	2 577.4	995.1	2 526.0	975.3	1.6	4.1	.8	2.1
Ashley city	1 052	1 192	1 236	548	580	538	1.6	.6	1.6	.6	657.5	1 753.3	342.5	913.3
East McIntosh unorg.	454	573	...	204	235	...	932.8	360.1	900.9	347.8	.5	1.3	.2	.6
Lehr city (pt.)	147	197	215	96	104	106	.3	-.1	.3	-.1	490.0	1 470.0	320.0	960.0
Northwest McIntosh unorg.	498	654	...	276	294	...	845.0	326.3	832.7	321.5	.6	1.5	.3	.9
Roloff township	38	36	71	13	23	(NA)	88.1	34.0	87.7	33.9	.4	1.1	.1	.4
Southwest McIntosh unorg.	434	510	...	193	211	...	704.8	272.1	698.1	269.5	.6	1.6	.3	.7
Venturia city	30	40	77	18	31	36	.2	-.1	.2	-.1	150.0	300.0	90.0	180.0
Wishek city	1 171	1 345	1 275	569	594	474	3.8	1.5	3.8	1.5	308.2	780.7	149.7	379.3
Zealand city	197	253	313	114	125	131	.8	.3	.8	.3	246.3	656.7	142.5	380.0
McKenzie County †	6 383	7 132	6 127	3 178	2 944	2 227	7 410.1	2 861.0	7 102.2	2 742.2	.9	2.3	.4	1.2
Alex township	56	51	49	21	21	(NA)	90.1	34.8	90.1	34.8	.6	1.6	.2	.6
Alexander city	216	358	208	115	136	75	2.6	1.0	2.6	1.0	83.1	216.0	44.2	115.0
Antelope Creek township	18	21	28	12	12	(NA)	93.3	36.0	93.3	36.0	.2	.5	.1	.3
Arnegard city	122	193	141	84	76	49	.7	.3	.7	.3	174.3	406.7	120.0	280.0
Arnegard township	68	89	84	43	37	(NA)	91.9	35.5	91.8	35.4	.7	1.9	.5	1.2
Blue Butte township	81	98	151	38	41	(NA)	92.4	35.7	89.4	34.5	.9	2.3	.4	1.1
Central McKenzie unorg.	862	239	...	381	92	...	1 040.4	401.7	1 035.6	399.9	.8	2.2	.4	1.0
Charbon township	59	60	68	32	32	(NA)	92.7	35.8	92.7	35.8	.6	1.6	.3	.9
East McKenzie unorg.	919	927	...	317	267	...	512.1	197.7	474.3	183.1	1.9	5.0	.7	1.7
Four Bears Village CDP	309	...	...	87	...	...	2.7	1.1	2.7	1.1	114.4	280.9	32.2	79.1
Mandaree CDP	367	...	...	131	...	...	28.9	11.2	28.9	11.2	12.7	32.8	4.5	11.7
Elk township	21	26	38	15	15	(NA)	94.5	36.5	93.7	36.2	.2	.6	.2	.4
Elm Tree township	60	71	77	33	42	(NA)	113.7	43.9	101.2	39.1	.6	1.5	.3	.8
Grail township	62	64	82	25	44	(NA)	82.0	31.6	82.0	31.6	.8	2.0	.3	.8
Hawkeye township	73	67	103	36	58	(NA)	87.0	33.6	86.9	33.5	.8	2.2	.4	1.1
Keene township	44	42	94	19	18	(NA)	95.5	36.9	95.5	36.9	.5	1.2	.2	.5
North McKenzie unorg.	503	225	...	219	91	...	1 035.4	399.8	983.4	379.7	.5	1.3	.2	.6
Poe township	23	29	44	11	13	(NA)	95.0	36.7	92.1	35.5	.2	.6	.1	.3
Randolph township	15	23	26	17	16	(NA)	92.8	35.8	92.8	35.8	.2	.4	.2	.5
Rawson city	9	12	10	7	7	7	.6	.2	.6	.2	15.0	45.0	11.7	35.0
Red Wing township	49	51	35	18	19	(NA)	92.0	35.5	92.0	35.5	.5	1.4	.2	.5
Riverview township	5	20	15	5	21	(NA)	146.9	56.7	109.9	42.4	—	.1	—	.1
Sioux township	146	174	164	77	74	(NA)	187.0	72.2	166.6	64.3	.9	2.3	.5	1.2
Southeast McKenzie unorg.	282	...	...	148	...	...	1 043.2	402.8	1 036.5	400.2	.3	.7	.1	.4
Southwest McKenzie unorg.	284	566	...	137	231	...	1 730.2	668.0	1 723.0	665.3	.2	.4	.1	.2
Twin Valley township	81	105	110	123	74	(NA)	255.7	98.7	204.9	79.1	.4	1.0	.6	1.6
Wattford City city †	1 784	2 119	1 768	913	860	647	4.1	1.6	4.1	1.6	435.1	1 115.0	222.7	570.6
Wilbur township	27	31	19	15	13	(NA)	133.9	51.7	70.2	27.1	.4	1.0	.2	.6
Yellowstone township	514	687	585	317	299	(NA)	104.5	40.3	96.6	37.3	5.3	13.8	3.3	8.5
McLean County †	10 457	12 383	11 251	5 515	5 754	4 282	6 030.2	2 328.3	5 466.0	2 110.4	1.9	5.0	1.0	2.6
Amundsville township	80	91	110	34	41	(NA)	93.5	36.1	93.2	36.0	.9	2.2	.4	.9
Andrews township	47	76	92	24	30	(NA)	92.8	35.8	92.7	35.8	.5	1.3	.3	.7
Aurena township	36	57	82	19	32	(NA)	93.3	36.0	92.2	35.6	.4	1.0	.2	.5
Benedict city	52	68	72	30	37	36	.7	.3	.7	.3	74.3	173.3	42.9	100.0
Blackwater township	59	89	135	27	33	(NA)	91.1	35.2	90.9	35.1	.6	1.7	.3	.8
Blue Hill township	29	49	74	23	21	(NA)	93.2	36.0	93.0	35.9	.3	.8	.2	.6
Butte city	129	157	193	90	114	110	.7	.3	.7	.3	184.3	430.0	128.6	300.0
Butte township	29	23	60	17	19	(NA)	93.3	36.0	92.4	35.7	.3	.8	.2	.5
Byersville township	39	41	97	17	29	(NA)	93.5	36.1	90.3	34.9	.4	1.1	.2	.5
Coleharbor city	88	150	112	58	69	53	.5	.2	.5	.2	176.0	440.0	116.0	290.0
Cremerville township	63	59	88	33	30	(NA)	92.5	35.7	92.4	35.7	.7	1.8	.4	.9
Deepwater township	32	61	98	23	32	(NA)	93.5	36.1	93.5	36.1	.3	.9	.2	.6
Dogden township	73	81	57	40	44	(NA)	92.5	35.7	91.5	35.3	.8	2.1	.4	1.1
Douglas township	53	58	82	22	21	(NA)	93.1	36.0	92.5	35.7	.6	1.5	.2	.6
East McLean unorg.	111	152	...	144	120	...	182.7	70.5	175.8	67.9	.6	1.6	.8	2.1
Economy township	52	104	87	26	43	(NA)	91.3	35.2	90.5	34.9	.6	1.5	.3	.7
Garrison city †	1 530	1 830	1 614	733	740	571	3.3	1.3	3.3	1.3	463.6	1 176.9	222.1	563.8
Gate township	33	59	60	21	24	(NA)	93.0	35.9	92.5	35.7	.4	.9	.2	.6
Greatstone township	50	62	99	22	26	(NA)	93.2	36.0	93.1	36.0	.5	1.4	.2	.6
Horseshoe Valley township	55	60	63	20	86	(NA)	93.4	36.0	91.4	35.3	.6	1.6	.2	.6
Lake Williams township	82	112	89	35	37	(NA)	92.2	35.6	83.9	32.4	1.0	2.5	.4	1.1
Longfellow township	55	66	70	22	29	(NA)	93.8	36.2	93.6	36.1	.6	1.5	.2	.6
Loquemont township	80	76	107	34	31	(NA)	93.1	36.0	93.0	35.9	.9	2.2	.4	.9
McGinnis township	89	93	112	30	33	(NA)	93.6	36.1	92.2	35.6	1.0	2.5	.3	.8
Malcolm township	86	98	123	33	39	(NA)	91.3	35.3	89.4	34.8	1.2	3.2	1.3	3.5
Max city †	301	330	301	155	170	156	2.0	.8	2.0	.8	150.5	376.3	77.5	193.8
Medicine Hill township	68	105	97	22	30	(NA)	90.9	35.1	88.8	34.3	.8	2.0	.2	.6
Mercer city	104	134	132	57	70	55	.6	.2	.6	.2	173.3	520.0	95.0	285.0
Mercer township	38	50	66	23	25	(NA)	92.9	35.9	91.0	35.1	.4	1.1	.3	.7
North Central McLean unorg.	393	369	...	206	180	...	233.8	90.3	167.4	64.6	2.3	6.1	1.2	3.2

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	
McLean County †—Con.															
Otis township	65	101	87	175	123	(NA)	92.7	35.8	91.0	35.1	.7	1.9	1.9	5.0	
Poplar unorg.	120	92	95	52	29	(NA)	186.8	72.1	184.9	71.4	.6	1.7	.3	.7	
Riverdale city †	283	...	...	135	...	...	3.6	1.4	3.6	1.4	78.6	202.1	37.5	96.4	
Roseglen township	86	77	110	35	41	(NA)	93.0	35.9	92.3	35.6	.9	2.4	.4	1.0	
Rosemont township	50	51	87	22	23	(NA)	93.3	36.0	92.8	35.8	.5	1.4	.2	.6	
Ruso city	8	12	15	5	11	14	7	.3	7	.3	11.4	26.7	7.1	16.7	
St. Mary township	100	116	92	105	73	(NA)	90.4	34.9	85.8	33.1	1.2	3.0	1.2	3.2	
Snow township	77	78	103	52	49	(NA)	91.7	35.4	55.2	21.3	1.4	3.6	.9	2.4	
South McLean unorg.	765	805	...	347	303	...	976.4	377.0	959.6	370.5	.8	2.1	.4	.9	
Turtle Lake city	681	802	712	364	350	293	1.3	.5	1.3	.5	523.8	1 362.0	280.0	728.0	
Turtle Lake township	69	75	64	25	23	(NA)	93.3	36.0	88.2	34.0	.8	2.0	.3	.7	
Underwood city †	976	1 329	781	464	564	254	2.3	.9	2.3	.9	424.3	1 084.4	201.7	515.6	
Underwood unorg.	370	722	...	146	338	...	522.9	201.9	469.2	181.2	.8	2.0	.3	.8	
Victoria township	41	33	74	16	16	(NA)	93.0	35.9	80.3	31.0	.5	1.3	.2	.5	
Washburn city	1 506	1 767	804	654	717	289	4.9	1.9	4.6	1.8	327.4	836.7	142.2	363.3	
West McLean unorg.	724	752	...	348	341	...	1 125.1	434.4	822.2	317.4	.9	2.3	.4	1.1	
White Shield CDP	274	...	...	96	...	...	9.7	3.8	9.7	3.7	28.2	74.1	9.9	25.9	
Wilton city (pt.)	552	688	579	242	246	174	.8	.3	.8	.3	690.0	1 840.0	302.5	806.7	
Wise township	48	65	75	228	212	(NA)	93.0	35.9	86.5	33.4	.6	1.4	2.6	6.8	
Mercer County †	9 808	9 404	6 175	4 496	3 978	2 253	2 881.4	1 112.5	2 707.7	1 045.4	3.6	9.4	1.7	4.3	
Beulah city †	3 363	2 908	1 344	1 437	1 184	459	6.1	2.4	6.1	2.4	551.3	1 401.3	235.6	598.8	
East Mercer unorg.	1 254	1 220	...	727	584	...	983.2	379.6	894.6	345.4	1.4	3.6	.8	2.1	
Golden Valley city	239	287	235	139	134	111	1.9	.7	1.9	.7	125.8	341.4	73.2	198.6	
Hazen city †	2 818	2 365	1 240	1 118	950	494	3.2	1.3	3.2	1.3	880.6	2 167.7	349.4	860.0	
Pick City city †	203	182	119	129	91	59	.4	.2	.4	.2	507.5	1 015.0	322.5	645.0	
Stanton city †	517	623	517	230	246	158	1.0	.4	1.0	.4	517.0	1 292.5	230.0	575.0	
West Mercer unorg.	1 127	1 308	...	554	558	...	1 882.8	727.0	1 797.7	694.1	.6	1.6	.3	.8	
Zap city	287	511	271	162	231	105	2.7	1.0	2.7	1.0	106.3	287.0	60.0	162.0	
Morton County †	23 700	25 177	20 310	9 467	9 382	6 317	5 038.6	1 945.4	4 989.4	1 926.4	4.8	12.3	1.9	4.9	
Almont city	117	146	109	76	75	58	6.8	2.6	6.8	2.6	17.2	45.0	11.2	29.2	
Captain's Landing township †	138	...	...	46	...	...	1.2	.5	.9	.3	153.3	460.0	51.1	153.3	
East Morton unorg.	2 609	2 838	...	951	929	...	2 701.1	1 042.9	2 662.1	1 027.8	1.0	2.5	.4	.9	
Engelster township	108	114	138	38	35	(NA)	89.3	34.5	89.2	34.5	1.2	3.1	.4	1.1	
Flasher city	317	410	467	170	179	167	1.8	.7	1.8	.7	176.1	452.9	94.4	242.9	
Glen Ullin city †	927	1 125	1 070	437	452	388	2.8	1.1	2.7	1.0	343.3	927.0	161.9	437.0	
Hebron city	888	1 078	1 103	470	491	429	3.9	1.5	3.9	1.5	227.7	592.0	120.5	313.3	
Mandan city †	15 177	15 513	11 093	5 910	5 797	3 423	26.0	10.0	25.8	10.0	588.3	1 517.7	229.1	591.0	
Mandan unorg.	1 265	1 408	...	433	448	...	168.5	65.1	163.7	63.2	7.7	20.0	2.6	6.9	
New Salem city	909	1 081	943	442	448	347	3.3	1.3	3.2	1.2	284.1	757.5	138.1	368.3	
West Morton unorg.	1 245	1 368	...	494	498	...	2 033.9	785.3	2 029.3	783.5	.6	1.6	.2	.6	
Mountrail County †	7 021	7 679	8 437	3 675	3 201	3 176	5 027.6	1 941.2	4 724.2	1 824.0	1.5	3.8	.8	2.0	
Alger township	43	63	60	18	20	(NA)	92.8	35.8	91.5	35.3	.5	1.2	.2	.5	
Austin township	35	44	52	17	18	(NA)	92.8	35.8	92.4	35.7	.4	1.0	.2	.5	
Banner township	49	41	69	19	18	(NA)	93.2	36.0	93.1	36.0	.5	1.4	.2	.5	
Bicker township	58	64	58	24	23	(NA)	92.9	35.9	92.6	35.8	.6	1.6	.3	.7	
Big Bend township	56	42	59	16	20	(NA)	94.6	36.5	81.4	31.4	.7	1.8	.2	.5	
Brookbank township	41	40	55	13	14	(NA)	93.0	35.9	92.9	35.9	.4	1.1	.1	.4	
Burke township	43	51	40	19	16	(NA)	92.5	35.7	92.0	35.5	.5	1.2	.2	.5	
Clearwater township	31	53	39	53	41	(NA)	93.3	36.0	91.0	35.1	.3	.9	.6	1.5	
Cottonwood township	51	54	64	21	19	(NA)	93.0	35.9	87.0	33.6	.6	1.5	.2	.6	
Crane Creek township	39	62	67	23	24	(NA)	93.2	36.0	92.5	35.7	.4	1.1	.2	.6	
Crowfoot township	27	38	67	21	15	(NA)	92.7	35.8	89.1	34.4	.3	.8	.2	.6	
Debing township	56	67	75	25	25	(NA)	93.1	35.9	92.3	35.6	.6	1.6	.3	.7	
Egan township	66	69	59	33	27	(NA)	94.6	36.5	88.0	34.0	.8	1.9	.4	1.0	
Fertile township	75	71	95	30	23	(NA)	92.6	35.7	92.5	35.7	.8	2.1	.3	.8	
Howie township	41	38	62	13	12	(NA)	92.7	35.8	69.7	26.9	.2	1.5	.2	.5	
Idaho township	171	150	119	82	55	(NA)	90.4	34.9	87.2	33.7	2.0	5.1	.9	2.4	
James Hill township	50	37	55	22	18	(NA)	93.4	36.1	82.3	31.8	.6	1.6	.3	.7	
Kickapoo township	17	44	55	10	15	(NA)	92.9	35.9	86.0	33.2	.2	.5	.1	.3	
Knife River township	23	33	34	15	16	(NA)	93.1	36.0	92.4	35.7	.2	.6	.2	.4	
Liberty township	19	11	21	119	3	(NA)	92.4	35.7	34.8	13.4	.5	1.4	3.4	8.9	
Lostwood township	47	64	51	22	23	(NA)	92.9	35.9	88.8	34.3	.5	1.4	.2	.6	
Lowland township	71	75	113	37	30	(NA)	93.3	36.0	89.2	34.4	.8	2.1	.4	1.1	
McAlmond township	36	56	53	21	24	(NA)	92.7	35.8	90.6	35.0	.4	1.0	.2	.6	
McGahan township	68	67	92	31	40	(NA)	94.5	36.5	89.5	34.6	.8	2.0	.3	.9	
Manitou township	60	70	71	30	25	(NA)	95.1	36.7	93.9	36.2	.6	1.7	.3	.8	
Model township	78	81	121	30	35	(NA)	94.9	36.6	94.6	36.5	.8	2.1	.3	.8	
Mountrail township	43	64	76	23	23	(NA)	92.8	35.8	92.7	35.8	.5	1.2	.2	.6	
Myrtle township	44	35	33	21	18	(NA)	94.5	36.5	94.2	36.4	.5	1.2	.2	.6	
New Town city †	1 388	1 335	1 428	553	502	408	1.6	.6	1.6	.6	867.5	2 313.3	345.6	921.7	
Oakland township	33	53	69	18	19	(NA)	93.2	36.0	91.2	35.2	.4	.9	.2	.5	

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	
Mountrail County †—Con.															
Osborn township	375	281	250	123	117	(NA)	93.1	35.9	80.2	30.9	4.7	12.1	1.5	4.0	
Osloe township	54	62	66	23	23	(NA)	93.4	36.0	90.9	35.1	.6	1.5	.3	.7	
Palermo city	95	97	146	60	56	58	5.7	2.2	5.7	2.2	16.7	43.2	10.5	27.3	
Palermo township	38	30	45	18	14	(NA)	88.6	34.2	85.5	33.0	.4	1.2	.2	.5	
Parshall city	943	1 059	1 246	403	408	437	1.4	.5	1.4	.5	673.6	1 886.0	287.9	806.0	
Parshall township	70	73	78	31	26	(NA)	93.3	36.0	93.2	36.0	.8	1.9	.3	.9	
Plaza city	193	222	291	126	118	123	2.9	1.1	2.9	1.1	66.6	175.5	43.4	114.5	
Plaza township	44	66	65	24	29	(NA)	93.5	36.1	93.5	36.1	.5	1.2	.3	.7	
Powers township	15	46	63	34	30	(NA)	93.2	36.0	89.0	34.4	.2	.4	.4	1.0	
Powers Lake township	68	87	88	35	31	(NA)	92.9	35.9	92.1	35.6	.7	1.9	.4	1.0	
Purcell township	60	45	49	22	19	(NA)	93.0	35.9	92.0	35.5	.7	1.7	.2	.6	
Rat Lake township	27	39	31	12	14	(NA)	93.0	35.9	92.6	35.7	.3	.8	.1	.3	
Redmond township	19	25	41	11	13	(NA)	93.3	36.0	86.9	33.6	.2	.6	.1	.3	
Ross city †	61	104	125	40	42	51	.7	.3	.7	.3	87.1	203.3	57.1	133.3	
Ross township	43	39	47	22	21	(NA)	94.1	36.3	92.2	35.6	.5	1.2	.2	.6	
Shell township	38	46	59	20	21	(NA)	93.2	36.0	93.1	36.0	.4	1.1	.2	.6	
Sidonia township	31	47	66	17	16	(NA)	93.0	35.9	89.4	34.5	.3	.9	.2	.5	
Sikes township	55	60	89	27	27	(NA)	93.1	36.0	91.9	35.5	.6	1.5	.3	.8	
Sorkness township	38	36	64	19	13	(NA)	93.7	36.2	92.4	35.7	.4	1.1	.2	.5	
Southwest Mountrail unorg.	41	56	...	31	14	(...)	150.9	58.2	116.5	45.0	.4	.9	.3	.7	
Spring Coulee township	72	86	96	31	31	(NA)	91.2	35.2	90.9	35.1	.8	2.1	.3	.9	
Stanley city	1 371	1 631	1 581	678	678	562	4.4	1.7	4.4	1.7	311.6	806.5	154.1	398.8	
Stave township	48	54	57	20	20	(NA)	93.4	36.1	86.3	33.3	.6	1.4	.2	.6	
Van Hook township	72	57	58	215	52	(NA)	94.5	36.5	85.3	32.9	.8	2.2	2.5	6.5	
Wayzetta township	38	42	56	18	17	(NA)	93.2	36.0	93.0	35.9	.4	1.1	.2	.5	
West Mountrail unorg.	139	174	...	150	114	(...)	297.4	114.8	242.5	93.6	.6	1.5	.6	1.6	
White Earth city	73	98	128	57	53	68	3.9	1.5	3.9	1.5	18.7	48.7	14.6	38.0	
White Earth township	41	45	55	29	23	(NA)	88.9	34.3	88.7	34.3	.5	1.2	.3	.8	
Nelson County	4 410	5 233	5 807	2 261	2 442	2 214	2 612.8	1 008.8	2 542.6	981.7	1.7	4.5	.9	2.3	
Adler township	56	78	104	28	38	(NA)	93.0	35.9	92.6	35.8	.6	1.6	.3	.8	
Aneta city	314	341	376	164	166	153	2.6	1.0	2.5	1.0	125.6	314.0	65.6	164.0	
Bergen township	89	94	55	39	47	(NA)	93.1	35.9	91.6	35.4	1.0	2.5	.4	1.1	
Central township	63	83	103	28	34	(NA)	93.3	36.0	90.3	34.9	.7	1.8	.3	.8	
Clara township	41	75	96	24	29	(NA)	93.3	36.0	89.7	34.6	.5	1.2	.3	.7	
Dahlen township	103	131	176	61	62	(NA)	93.2	36.0	92.5	35.7	1.1	2.9	.7	1.7	
Dayton township	81	124	108	38	44	(NA)	90.3	34.9	89.4	34.5	.9	2.3	.4	1.1	
Dodds township	59	83	91	25	29	(NA)	94.0	36.3	92.9	35.9	.6	1.6	.3	.7	
Enterprise township	58	65	81	27	26	(NA)	93.4	36.0	91.1	35.2	.6	1.6	.3	.8	
Field township	58	69	105	33	45	(NA)	93.1	35.9	92.8	35.8	.6	1.6	.4	.9	
Forde township	61	80	138	37	39	(NA)	93.1	35.9	91.5	35.3	.7	1.7	.4	1.0	
Hamlin township	70	97	118	36	45	(NA)	90.1	34.8	89.8	34.7	.8	2.0	.4	1.0	
Illinois township	34	63	64	24	29	(NA)	93.9	36.3	90.7	35.0	.4	1.0	.3	.7	
Lakota city	898	963	964	429	421	381	2.6	1.0	2.6	1.0	345.4	898.0	165.0	429.0	
Lakota township	79	65	96	34	34	(NA)	90.8	35.1	88.5	34.2	.9	2.3	.4	1.0	
Lee township	88	120	158	45	71	(NA)	93.2	36.0	92.8	35.8	.9	2.5	.5	1.3	
Leval township	48	65	76	26	29	(NA)	92.9	35.9	82.3	31.8	.6	1.5	.3	.8	
McVillie city	559	626	583	281	290	230	3.9	1.5	3.7	1.4	151.1	399.3	75.9	200.7	
Melvin township	38	60	66	25	32	(NA)	93.0	35.9	89.9	34.7	.4	1.1	.3	.7	
Michigan township	82	110	156	37	39	(NA)	154.3	59.6	148.5	57.3	.6	1.4	.2	.6	
Michigan City city	413	502	478	201	206	175	1.4	.5	1.4	.5	295.0	826.0	143.6	402.0	
Nash township	75	75	87	29	30	(NA)	93.3	36.0	92.6	35.7	.8	2.1	.3	.8	
Nesheim township	49	80	104	27	31	(NA)	92.9	35.9	92.7	35.8	.5	1.4	.3	.8	
Ora township	61	79	82	35	38	(NA)	91.0	35.1	89.2	34.4	.7	1.8	.4	1.0	
Osago township	39	59	83	26	32	(NA)	92.1	35.6	91.6	35.4	.4	1.1	.3	.7	
Pekin city	101	101	120	70	81	67	.7	.3	.7	.3	144.3	336.7	100.0	233.3	
Petersburg city	219	230	266	116	123	116	2.7	1.0	2.7	1.0	81.1	219.0	43.0	116.0	
Petersburg township	54	68	90	27	36	(NA)	122.4	47.3	119.6	46.2	.5	1.2	.2	.6	
Rubin township	62	89	107	28	32	(NA)	93.6	36.1	88.2	34.1	.7	1.8	.3	.8	
Rugh township	51	51	77	24	41	(NA)	93.1	35.9	92.8	35.8	.5	1.4	.3	.7	
Sarnia township	83	151	184	60	61	(NA)	93.3	36.0	90.1	34.8	.9	2.4	.7	1.7	
Tolna city	230	241	247	122	121	95	2.0	.8	2.0	.8	115.0	287.5	61.0	152.5	
Wamduska township	48	45	66	27	29	(NA)	93.0	35.9	80.6	31.1	.6	1.5	.3	.9	
Williams township	46	70	102	28	32	(NA)	94.3	36.4	92.6	35.7	.5	1.3	.3	.8	
Oliver County †	2 381	2 495	2 322	968	960	753	1 893.9	731.2	1 874.0	723.6	1.3	3.3	.5	1.3	
Center city †	826	900	619	351	354	226	.9	.3	.9	.3	917.8	2 753.3	390.0	1 170.0	
East Oliver unorg.	980	964	...	388	355	...	1 150.5	444.2	1 132.1	437.1	.9	2.2	.3	.9	
West Oliver unorg.	575	631	...	229	251	...	742.5	286.7	741.0	286.1	.8	2.0	.3	.8	

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
Pembina County †	9 238	10 399	10 728	4 294	4 438	3 894	2 905.4	1 121.8	2 897.7	1 118.8	3.2	8.3	1.5	3.8
Advance township	205	222	215	79	74	(NA)	92.9	35.9	92.8	35.8	2.2	5.7	.9	2.2
Akra township	260	243	217	105	104	(NA)	93.1	36.0	92.1	35.6	2.8	7.3	1.1	2.9
Bathgate city	75	67	133	33	38	41	.8	.3	.8	.3	93.8	250.0	41.3	110.0
Bathgate township	94	118	98	33	33	(NA)	68.6	26.5	68.6	26.5	1.4	3.5	.5	1.2
Beaulieu township	205	180	143	90	69	(NA)	93.2	36.0	92.7	35.8	2.2	5.7	1.0	2.5
Canton City city	64	68	81	33	36	33	.4	.1	.4	.1	160.0	640.0	82.5	330.0
Carlisle township	163	180	224	80	92	(NA)	185.5	71.6	185.5	71.6	.9	2.3	.4	1.1
Cavalier city †	1 508	1 505	1 381	717	664	500	1.8	.7	1.8	.7	837.8	2 154.3	398.3	1 024.3
Cavalier township	672	731	524	264	263	(NA)	183.8	71.0	183.7	70.9	3.7	9.5	1.4	3.7
Crystal city	199	256	272	96	106	112	1.7	.7	1.7	.7	117.1	284.3	56.5	137.1
Crystal township	103	101	119	41	58	(NA)	92.0	35.5	92.0	35.5	1.1	2.9	.4	1.2
Drayton city	961	1 082	1 095	447	469	371	1.4	.5	1.4	.5	686.4	1 922.0	319.3	894.0
Drayton township	47	62	80	33	37	(NA)	92.0	35.5	89.9	34.7	.5	1.4	.4	1.0
Elora township	82	79	132	47	48	(NA)	92.8	35.8	92.8	35.8	.9	2.3	.5	1.3
Felson township	113	118	208	59	65	(NA)	116.1	44.8	116.1	44.8	1.0	2.5	.5	1.3
Gardar township	112	158	211	62	87	(NA)	93.0	35.9	93.0	35.9	1.2	3.1	.7	1.7
Hamilton city	74	109	110	43	49	61	.8	.3	.8	.3	92.5	246.7	53.8	143.3
Hamilton township	61	100	94	35	43	(NA)	115.3	44.5	115.3	44.5	.5	1.4	.3	.8
Joliette township	118	145	135	59	70	(NA)	183.4	70.8	181.5	70.1	.7	1.7	.3	.8
La Moure township	134	156	137	56	54	(NA)	93.1	36.0	93.0	35.9	1.4	3.7	.6	1.6
Lincoln township	92	148	150	50	62	(NA)	121.5	46.9	120.8	46.6	.8	2.0	.4	1.1
Loderna township	121	136	158	56	58	(NA)	93.7	36.2	93.7	36.2	1.3	3.3	.6	1.5
Midland township	133	162	172	67	79	(NA)	181.0	69.9	180.9	69.8	.7	1.9	.4	1.0
Mountain city	134	156	146	57	57	47	.4	.1	.4	.1	335.0	1 340.0	142.5	570.0
Neche city	434	471	451	200	194	187	.9	.4	.9	.4	482.2	1 085.0	222.2	500.0
Neche township	66	87	136	37	45	(NA)	126.9	49.0	126.9	49.0	.5	1.3	.3	.8
Park township	83	86	103	41	38	(NA)	93.2	36.0	93.0	35.9	.9	2.3	.4	1.1
Pembina city	642	673	741	265	266	247	1.6	.6	1.6	.6	401.3	1 070.0	165.6	441.7
Pembina township	102	145	176	57	70	(NA)	168.2	64.9	167.4	64.6	.6	1.6	.3	.9
St. Joseph township	164	139	188	66	74	(NA)	116.3	44.9	116.2	44.9	1.4	3.7	.6	1.5
St. Thomas city	444	528	508	207	215	188	2.7	1.1	2.7	1.1	164.4	403.6	76.7	188.2
St. Thomas township	163	203	266	89	99	(NA)	186.5	72.0	186.5	72.0	.9	2.3	.5	1.2
Thingvall township	154	195	165	83	79	(NA)	93.4	36.0	93.3	36.0	1.7	4.3	.9	2.3
Walhalla city	1 131	1 429	1 471	552	588	459	2.8	1.1	2.7	1.1	418.9	1 028.2	204.4	501.8
Walhalla township	125	161	288	55	55	(NA)	114.5	44.2	114.3	44.1	1.1	2.8	.5	1.2
Pierce County	5 052	6 166	6 323	2 355	2 376	2 076	2 803.0	1 082.3	2 636.4	1 017.9	1.9	5.0	.9	2.3
Alexander township	53	84	112	24	25	(NA)	93.1	35.9	91.2	35.2	.6	1.5	.3	.7
Antelope Lake township	31	58	80	14	16	(NA)	93.6	36.1	82.1	31.7	.4	1.0	.2	.4
Balta city	79	139	133	56	55	45	.6	.3	.6	.2	131.7	395.0	93.3	280.0
Balta township	53	89	120	24	25	(NA)	92.4	35.7	87.9	33.9	.6	1.6	.3	.7
Barton city	24	38	34	26	26	29	1.3	.5	1.3	.5	18.5	48.0	20.0	52.0
Central Pierce unorg.	29	43	...	14	14	...	93.7	36.2	86.1	33.3	.3	.9	.2	.4
Elling township	76	102	140	42	40	(NA)	94.0	36.3	88.7	34.2	.9	2.2	.5	1.2
Elverum township	72	100	151	29	31	(NA)	93.0	35.9	83.3	32.2	.9	2.2	.3	.9
Hagel township	97	156	210	57	70	(NA)	92.9	35.9	92.6	35.7	1.0	2.7	.6	1.6
Jefferson township	65	85	114	22	26	(NA)	93.7	36.2	90.8	35.0	.7	1.9	.2	.6
Meyer township	97	101	155	31	31	(NA)	95.5	36.9	88.3	34.1	1.1	2.8	.4	.9
Ness township	103	105	105	36	36	(NA)	95.4	36.8	94.9	36.6	1.1	2.8	.4	1.0
North Pierce unorg.	781	896	...	353	346	...	1 022.4	394.7	955.8	369.0	.8	2.1	.4	1.0
Reno Valley township	47	74	81	22	23	(NA)	93.2	36.0	89.7	34.6	.5	1.4	.2	.6
Rugby city	2 909	3 335	2 889	1 369	1 350	1 035	4.9	1.9	4.9	1.9	593.7	1 531.1	279.4	720.5
Rush Lake township	47	63	93	19	21	(NA)	93.6	36.1	90.2	34.8	.5	1.4	.2	.5
South Pierce unorg.	129	189	...	54	55	...	279.5	107.9	251.4	97.1	.5	1.3	.2	.6
Torgerson township	87	100	93	28	31	(NA)	91.6	35.4	85.7	33.1	1.0	2.6	.3	.8
Truman township	65	111	116	33	39	(NA)	92.6	35.8	91.5	35.3	.7	1.8	.4	.9
Tuscarora township	91	113	128	34	34	(NA)	92.8	35.8	89.5	34.6	1.0	2.6	.4	1.0
White township	61	109	151	35	40	(NA)	92.9	35.9	89.6	34.6	.7	1.8	.4	1.0
Wolford city	56	76	81	33	42	40	.4	.2	.4	.2	140.0	280.0	82.5	165.0
Ramsey County †	12 681	13 048	12 915	5 616	5 259	4 387	3 369.4	1 300.9	3 072.3	1 186.2	4.1	10.7	1.8	4.7
Bartlett township	92	138	136	48	58	(NA)	93.1	36.0	89.7	34.7	1.0	2.7	.5	1.4
Brocket city	81	74	95	43	46	51	2.0	.8	2.0	.8	40.5	101.3	21.5	53.8
Cato township	42	51	78	18	20	(NA)	93.9	36.2	92.5	35.7	.5	1.2	.2	.5
Chain Lakes township	24	37	49	18	17	(NA)	95.3	36.8	86.3	25.6	.4	.9	.3	.7
Churchs Ferry city	118	139	139	58	62	62	1.1	.4	1.1	.4	107.3	295.0	52.7	145.0
Coulee township	135	141	153	73	61	(NA)	91.9	35.5	91.4	35.3	1.5	3.8	.8	2.1
Crary city	145	139	150	51	54	57	2.4	.9	2.3	.9	63.0	161.1	22.2	56.7
Creel township	1 572	1 622	1 352	610	558	(NA)	163.5	63.1	120.1	46.4	13.1	33.9	5.1	13.1
De Groat township	40	50	52	23	25	(NA)	94.7	36.6	82.4	31.8	.5	1.3	.3	.7
Devils Lake city †	7 782	7 442	7 078	3 325	3 020	2 302	13.3	5.2	13.3	5.1	585.1	1 525.9	250.0	652.0



POPULATION AND HOUSING UNIT COUNTS

NORTH DAKOTA 27

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	
Ramsey County †—Con.															
Dry Lake township	54	62	74	23	22	(NA)	93.3	36.0	76.7	29.6	.7	1.8	.3	.8	
Edmore city	329	416	398	163	181	144	.7	.3	.7	.3	470.0	1 096.7	232.9	543.3	
Fancher township	77	85	96	32	31	(NA)	92.4	35.7	91.0	35.2	.7	1.9	.3	.9	
Freshwater township	331	274	233	225	150	(NA)	93.4	36.1	72.0	27.8	1.1	2.8	.4	1.2	
Grand Harbor township	76	74	91	31	28	(NA)	184.0	71.0	131.0	50.6	2.5	6.5	1.7	4.4	
Hammer township	89	126	114	58	60	54	92.9	35.9	90.9	35.1	.8	2.2	.3	.9	
Hampden city	51	71	84	26	34	(NA)	.4	.2	.4	.2	222.5	445.0	145.0	290.0	
Harding township	66	89	107	36	34	(NA)	93.5	36.5	94.4	36.5	.5	1.4	.3	.7	
Highland Center township	72	96	88	37	30	(NA)	93.5	36.1	92.9	35.9	.7	1.8	.4	1.0	
Klingstrup township	63	101	123	42	54	50	92.9	35.9	90.6	35.0	.8	2.1	.4	1.1	
Lawton city	44	75	88	23	28	(NA)	2.6	1.0	2.4	.9	26.3	70.0	17.5	46.7	
Lawton township	50	81	119	35	36	(NA)	91.4	35.3	89.0	34.4	.5	1.3	.3	.7	
Lillehoff township	133	141	137	52	51	(NA)	90.9	35.1	87.2	33.7	.6	1.5	.4	1.0	
Minnewaukan township	66	55	57	28	25	(NA)	93.5	36.1	89.6	34.6	1.5	3.8	.6	1.5	
Morris township	24	44	80	17	23	(NA)	93.3	36.0	85.4	33.0	.8	2.0	.3	.8	
Newbre township	64	56	76	29	29	(NA)	93.5	36.1	88.2	34.0	.3	.7	.2	.5	
Newland township	29	28	56	17	16	(NA)	93.4	36.1	92.2	35.6	.7	1.8	.3	.8	
Nixon township	57	59	89	19	23	(NA)	93.3	36.0	88.7	34.3	.3	.8	.2	.5	
Noonan township	59	93	97	29	29	(NA)	93.0	35.9	87.5	33.8	.7	1.7	.2	.6	
Northfield township	56	76	102	31	32	(NA)	92.4	35.7	90.0	34.8	.7	1.7	.3	.8	
Odessa township	78	74	101	33	30	(NA)	119.3	46.1	98.6	38.1	.6	1.5	.3	.8	
Ontario township	28	39	53	11	16	(NA)	93.1	35.9	88.0	34.0	.9	2.3	.4	1.0	
Overland township	63	74	66	30	33	(NA)	93.3	36.0	92.3	35.6	.3	.8	.1	.3	
Pelican township	46	72	96	23	22	(NA)	69.4	26.8	66.8	25.8	.9	2.4	.4	1.2	
Prospect township	35	61	98	21	22	(NA)	93.3	36.0	92.7	35.8	.5	1.3	.2	.6	
Royal township	72	142	127	30	44	(NA)	93.2	36.0	90.1	34.8	.4	1.0	.2	.6	
South Minnewaukan township	197	210	193	88	91	78	107.4	41.5	75.2	29.1	1.0	2.5	.4	1.0	
Starkweather city	71	94	129	29	33	(NA)	.4	.1	.4	.1	492.5	1 970.0	220.0	880.0	
Stevens township	48	64	74	25	27	(NA)	90.7	35.0	87.3	33.7	.8	2.1	.3	.9	
Sullivan township	47	59	76	23	26	(NA)	93.4	36.1	92.0	35.5	.5	1.4	.3	.7	
Triumph township	108	156	172	53	55	(NA)	94.8	36.6	93.5	36.1	.5	1.3	.2	.6	
Webster township							94.4	36.4	93.3	36.0	1.2	3.0	.6	1.5	
Ransom County	5 921	6 698	7 102	2 569	2 712	2 602	2 238.2	864.2	2 234.6	862.8	2.6	6.9	1.1	3.0	
Aliceton township	132	162	145	49	58	(NA)	94.2	36.4	93.9	36.3	1.4	3.6	.5	1.3	
Alleghany township	62	87	100	27	35	(NA)	93.5	36.1	93.5	36.1	.7	1.7	.3	.7	
Bale township	95	130	137	37	45	(NA)	93.8	36.2	93.8	36.2	1.0	2.6	.4	1.0	
Big Bend township	149	156	222	54	58	(NA)	94.4	36.5	94.2	36.4	1.6	4.1	.6	1.5	
Casey township	87	85	140	33	38	(NA)	94.2	36.4	94.1	36.3	.9	2.4	.4	.9	
Coburn township	76	94	96	27	36	(NA)	92.8	35.8	92.8	35.8	.8	2.1	.3	.8	
Elliott city	32	44	50	16	20	22	.4	.1	.4	.1	80.0	320.0	40.0	160.0	
Elliott township	78	119	128	32	43	(NA)	92.7	35.8	92.6	35.8	.8	2.2	.3	.9	
Enderlin city (pt.)	980	1 140	1 343	475	486	521	3.0	1.2	3.0	1.2	326.7	816.7	158.3	395.8	
Fort Ransom city	111	99	...	65	59	...	.8	.3	.8	.3	138.8	370.0	81.3	216.7	
Fort Ransom township	85	103	225	40	44	(NA)	91.9	35.5	91.8	35.5	.9	2.4	.4	1.1	
Greene township	146	192	166	53	60	(NA)	91.3	35.3	90.2	34.8	1.6	4.2	.6	1.5	
Hanson township	96	123	177	40	60	(NA)	93.1	35.9	93.1	35.9	1.0	2.7	.4	1.1	
Island Park township	300	400	246	125	138	(NA)	87.7	33.9	87.6	33.8	3.4	8.9	1.4	3.7	
Isley township	44	69	96	20	24	(NA)	93.5	36.1	93.0	35.9	.5	1.2	.2	.6	
Liberty township	132	133	187	53	52	(NA)	89.7	34.6	89.7	34.6	1.5	3.8	.6	1.5	
Lisbon city	2 177	2 283	2 090	940	948	775	5.8	2.2	5.8	2.2	375.3	989.5	162.1	427.3	
Moore township	116	133	157	49	49	(NA)	92.6	35.7	92.6	35.7	1.3	3.2	.5	1.4	
Northland township	80	96	119	36	40	(NA)	92.6	35.8	92.5	35.7	.9	2.2	.4	1.0	
Owego township	32	30	49	13	13	(NA)	93.5	36.1	93.4	36.1	.3	.9	.1	.4	
Preston township	94	120	134	44	45	(NA)	92.6	35.8	92.5	35.7	1.0	2.6	.5	1.2	
Rosemade township	55	65	96	22	22	(NA)	94.0	36.3	93.9	36.3	.6	1.5	.2	.6	
Sandoun township	70	94	93	41	51	(NA)	93.4	36.1	93.4	36.1	.7	1.9	.4	1.1	
Scoville township	37	33	21	14	14	(NA)	46.7	18.0	46.7	18.0	.8	2.1	.3	.8	
Sheldon city	149	173	192	74	85	78	.5	.2	.5	.2	298.0	745.0	148.0	370.0	
Shenford township	143	183	231	57	61	(NA)	138.8	53.6	138.6	53.5	1.0	2.7	.4	1.1	
Springer township	82	93	143	36	39	(NA)	93.2	36.0	93.0	35.9	.9	2.3	.4	1.0	
Sydna township	133	88	152	43	34	(NA)	94.2	36.4	94.1	36.3	1.4	3.7	.5	1.2	
Tuller township	148	171	167	54	55	(NA)	93.3	36.0	93.2	36.0	1.6	4.1	.6	1.5	
Renville County †	3 160	3 608	3 828	1 558	1 530	1 395	2 310.6	892.1	2 265.7	874.8	1.4	3.6	.7	1.8	
Brandon township	80	97	135	41	40	(NA)	90.9	35.1	90.5	35.0	.9	2.3	.5	1.2	
Callahan township	56	52	69	27	23	(NA)	92.3	35.6	81.5	31.5	.7	1.8	.3	.9	
Clay township	42	54	67	24	23	(NA)	92.7	35.8	92.6	35.7	.5	1.2	.3	.7	
Colquhoun township	97	94	139	44	40	(NA)	112.0	43.2	112.0	43.2	.9	2.2	.4	1.0	
Eden Valley township	59	70	89	28	30	(NA)	113.0	43.6	112.6	43.5	.5	1.4	.2	.6	
Ensign township	75	74	77	32	28	(NA)	92.4	35.7	92.4	35.7	.8	2.1	.3	.9	
Fairbanks township	77	77	91	32	30	(NA)	93.4	36.1	92.3	35.6	.8	2.2	.3	.9	
Glenburn city †	439	454	381	182	184	127	.7	.3	.7	.3	627.1	1 463.3	260.0	606.7	
Grano city	9	6	4	3	4	5	.8	.3	.8	.3	11.3	30.0	3.8	10.0	
Grassland township	47	62	80	21	26	(NA)	92.3	35.6	85.9	33.2	.5	1.4	.2	.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.]

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	
Renville County †—Con.															
Grover township .....	46	51	85	22	26	(NA)	92.6	35.8	92.6	35.7	.5	1.3	.2	.6	
Hamerly township .....	44	56	59	20	24	(NA)	93.1	35.9	93.1	35.9	.5	1.2	.2	.6	
Hamlet township .....	77	78	45	27	27	(NA)	93.1	36.0	92.5	35.7	.8	2.2	.3	.8	
Hurley township .....	65	61	35	29	29	(NA)	92.3	35.7	92.3	35.6	.7	1.8	.3	.8	
Ivanhoe township .....	54	76	103	33	32	(NA)	93.2	36.0	93.2	36.0	.6	1.5	.4	.9	
Lockwood township .....	23	39	34	14	14	(NA)	92.9	35.9	91.6	35.3	.3	.7	.2	.4	
Lorraine city .....	15	21	33	11	13	12	.6	.2	.6	.2	25.0	75.0	18.3	55.0	
McKinney township .....	64	85	100	122	95	(NA)	92.7	35.8	90.6	35.0	.7	1.8	1.3	3.5	
Mohall city .....	931	1 049	950	427	420	347	2.2	.8	2.2	.8	423.2	1 163.8	194.1	533.8	
Muskego township .....	80	92	98	33	27	(NA)	93.1	35.9	80.7	31.2	1.0	2.6	.4	1.1	
Plain township .....	46	74	81	26	27	(NA)	93.4	36.0	92.4	35.7	.5	1.3	.3	.7	
Prescott township .....	37	39	49	14	16	(NA)	92.6	35.8	92.4	35.7	.4	1.0	.2	.4	
Prosperity township .....	48	72	88	24	29	(NA)	112.3	43.3	112.2	43.3	.4	1.1	.2	.6	
Rockford township .....	81	108	103	32	32	(NA)	93.1	36.0	92.5	35.7	.9	2.3	.3	.9	
Roosevelt township .....	41	62	65	26	26	(NA)	92.7	35.8	86.0	33.2	.5	1.2	.3	.8	
Sherwood city .....	286	294	369	144	134	145	.8	.3	.8	.3	357.5	953.3	180.0	480.0	
Stafford township .....	56	72	74	29	38	(NA)	112.6	43.5	112.4	43.4	.5	1.3	.3	.7	
Tolley city † .....	79	103	163	47	50	62	.3	.1	.3	.1	263.3	790.0	156.7	470.0	
Van Buren township .....	59	72	83	21	23	(NA)	93.5	36.1	93.4	36.1	.6	1.6	.2	.6	
White Ash township .....	47	64	79	23	20	(NA)	93.0	35.9	93.0	35.9	.5	1.3	.2	.6	
Richland County † .....	18 148	19 207	18 089	7 394	7 182	5 749	3 744.6	1 445.8	3 721.6	1 436.9	4.9	12.6	2.0	5.1	
Abercrombie city .....	252	260	262	121	113	98	1.6	.6	1.6	.6	157.5	420.0	75.6	201.7	
Abercrombie township .....	286	306	384	119	125	(NA)	157.3	60.7	157.3	60.7	1.8	4.7	.8	2.0	
Antelope township .....	127	148	182	49	48	(NA)	93.1	36.0	93.1	36.0	1.4	3.5	.5	1.4	
Barney city .....	79	70	81	27	36	34	.4	.2	.4	.2	197.5	395.0	67.5	135.0	
Barney township .....	143	147	174	51	45	(NA)	91.2	35.2	91.2	35.2	1.6	4.1	.6	1.4	
Barrie township .....	150	133	125	62	59	(NA)	91.2	35.2	91.1	35.2	1.6	4.3	.7	1.8	
Belford township .....	162	172	221	59	53	(NA)	92.5	35.7	92.5	35.7	1.8	4.5	.6	1.7	
Brandenburg township .....	127	160	206	52	57	(NA)	91.4	35.3	91.4	35.3	1.4	3.6	.6	1.5	
Brightwood township .....	184	178	172	93	71	(NA)	89.9	34.7	85.1	32.9	2.2	5.6	1.1	2.8	
Center township .....	423	337	332	148	117	(NA)	115.2	44.5	115.2	44.5	3.7	9.5	1.3	3.3	
Christine city .....	140	147	...	59	58	...	.5	.2	.5	.2	280.0	700.0	118.0	295.0	
Colfax city .....	80	101	70	39	45	31	2.3	.9	2.3	.9	34.8	88.9	17.0	43.3	
Colfax township .....	201	219	235	77	91	(NA)	153.2	59.2	153.2	59.2	1.3	3.4	.5	1.3	
Danton township .....	159	161	223	60	63	(NA)	90.9	35.1	90.9	35.1	1.7	4.5	.7	1.7	
Deville township .....	121	142	170	46	63	(NA)	93.2	36.0	93.2	36.0	1.3	3.4	.5	1.3	
Dexter township .....	106	132	152	41	53	(NA)	92.8	35.8	90.7	35.0	1.2	3.0	.5	1.2	
Duerr township .....	173	210	244	77	74	(NA)	166.3	64.2	163.3	63.0	1.1	2.7	.5	1.2	
Dwight city .....	83	72	93	38	38	39	.5	.2	.5	.2	166.0	415.0	76.0	190.0	
Dwight township .....	260	240	249	84	79	(NA)	117.8	45.5	117.5	45.4	2.2	5.7	.7	1.9	
Eagle township .....	237	234	336	102	109	(NA)	109.8	42.4	109.8	42.4	2.2	5.6	.9	2.4	
Elma township .....	102	125	202	33	40	(NA)	94.4	36.5	92.1	35.5	1.1	2.9	.4	.9	
Fairmount city .....	427	480	412	204	204	171	.9	.3	.9	.3	474.4	1 423.3	226.7	680.0	
Fairmount township .....	130	177	172	50	56	(NA)	105.9	40.9	105.9	40.9	1.2	3.2	.5	1.2	
Freeman township .....	58	65	167	23	27	(NA)	93.0	35.9	93.0	35.9	.6	1.6	.2	.6	
Garborg township .....	105	123	115	45	52	(NA)	93.4	36.1	93.4	36.1	1.1	2.9	.5	1.2	
Grant township .....	190	202	180	64	72	(NA)	91.5	35.3	87.0	33.6	2.2	5.7	.7	1.9	
Great Bend city .....	108	113	86	47	49	41	1.5	.6	1.5	.6	72.0	180.0	31.3	78.3	
Greendale township .....	121	142	197	51	47	(NA)	94.2	36.4	94.0	36.3	1.3	3.3	.5	1.4	
Hankinson city † .....	1 038	1 158	1 125	510	540	466	3.6	1.4	3.6	1.4	288.3	741.4	141.7	364.3	
Helendale township .....	108	86	183	43	38	(NA)	90.6	35.0	90.6	35.0	1.2	3.1	.5	1.2	
Homestead township .....	118	118	131	42	42	(NA)	93.5	36.1	93.5	36.1	1.3	3.3	.4	1.2	
Ibsen township .....	144	167	182	59	52	(NA)	94.3	36.4	94.3	36.4	1.5	4.0	.6	1.6	
La Mars township .....	102	118	147	45	45	(NA)	93.1	35.9	93.1	35.9	1.1	2.8	.5	1.3	
Liberty Grove township .....	117	146	181	53	66	(NA)	92.9	35.9	92.8	35.8	1.3	3.3	.6	1.5	
Lidgerwood city .....	799	971	1 000	431	476	415	1.5	.6	1.5	.6	532.7	1 331.7	287.3	718.3	
Mantador city † .....	77	76	95	37	39	33	.4	.1	.4	.1	192.5	770.0	92.5	370.0	
Mooreton city .....	193	216	158	94	103	53	.7	.3	.7	.3	275.7	643.3	134.3	313.3	
Mooreton township .....	120	146	169	50	47	(NA)	91.2	35.2	91.1	35.2	1.3	3.4	.5	1.4	
Moran township .....	89	117	144	40	42	(NA)	92.2	35.6	86.8	33.5	1.0	2.7	.5	1.2	
Nansen township .....	112	118	121	48	46	(NA)	93.0	35.9	93.0	35.9	1.2	3.1	.5	1.3	
Sheyenne township .....	62	62	117	23	23	(NA)	92.8	35.8	92.7	35.8	.7	1.7	.2	.6	
Summit township .....	245	268	326	102	94	(NA)	138.3	53.4	138.3	53.4	1.8	4.6	.7	1.9	
Viking township .....	71	88	116	32	36	(NA)	93.2	36.0	93.2	36.0	.8	2.0	.3	.9	
Wahpeton city † .....	8 751	9 064	7 076	3 317	2 978	1 941	12.8	5.0	12.8	5.0	683.7	1 750.2	259.1	663.4	
Walcott city .....	178	186	166	83	88	78	2.6	1.0	2.6	1.0	68.5	178.0	31.9	83.0	
Walcott township .....	302	279	250	120	114	(NA)	151.9	58.6	151.9	58.6	2.0	5.2	.8	2.0	
Waldo township .....	101	112	162	40	44	(NA)	92.3	35.6	92.2	35.6	1.1	2.8	.4	1.1	
West End township .....	52	54	150	18	21	(NA)	93.7	36.2	93.7	36.2	.6	1.4	.2	.5	
Wyndmere city .....	501	550	516	232	258	201	2.3	.9	2.3	.9	217.8	556.7	100.9	257.8	
Wyndmere township .....	134	111	132	54	46	(NA)	91.9	35.5	91.9	35.5	1.5	3.8	.6	1.5	



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	
Sheridan County—Con.															
South Sheridan unorg. ....	116	165	...	57	55	...	358.9	138.6	347.4	134.1	.3	.9	.2	.4	
Strassburg township .....	61	81	91	31	32	(NA)	93.2	36.0	83.8	32.4	.7	1.9	.4	1.0	
Sioux County .....	3 761	3 620	3 632	1 175	1 062	943	2 922.5	1 128.4	2 834.0	1 094.2	1.3	3.4	.4	1.1	
Fort Yates city .....	183	771	1 153	78	258	305	.2	.1	.2	.1	915.0	1 830.0	390.0	780.0	
Fort Yates unorg. ....	1 913	943	...	517	248	...	487.4	188.2	434.1	167.6	4.4	11.4	1.2	3.1	
Menz township .....	39	70	55	19	19	(NA)	121.4	46.9	121.3	46.8	.3	.8	.2	.4	
North Sioux unorg. ....	926	971	...	256	230	...	836.9	323.1	803.0	310.0	1.2	3.0	.3	.8	
Cannon Ball CDP .....	702	...	...	180	...	...	246.5	95.2	224.8	86.8	3.1	8.1	.8	2.1	
Selfridge city .....	242	273	346	108	99	105	.7	.3	.7	.3	345.7	806.7	154.3	360.0	
Solen city .....	92	138	180	42	54	63	.7	.3	.7	.3	131.4	306.7	60.0	140.0	
Southwest Sioux unorg. ....	366	454	...	155	154	...	1 475.2	569.6	1 474.0	569.1	.2	.6	.1	.3	
Slope County .....	907	1 157	1 484	481	513	477	3 157.9	1 219.3	3 154.5	1 218.0	.3	.7	.2	.4	
Amidon city .....	24	43	54	22	27	23	1.6	.6	1.6	.6	15.0	40.0	13.8	36.7	
Bucklin township .....	8	11	19	5	5	(NA)	83.4	32.2	83.4	32.2	.1	.2	.1	.2	
Carroll township .....	20	34	43	13	14	(NA)	93.3	36.0	93.3	36.0	.2	.6	.1	.4	
Cash township .....	24	34	40	8	12	(NA)	93.3	36.0	92.8	35.8	.3	.7	.1	.2	
Cedar Creek township .....	36	38	55	18	22	(NA)	93.5	36.1	92.7	35.8	.4	1.0	.2	.5	
Chalky Butte unorg. ....	22	15	22	9	6	(NA)	92.9	35.9	92.9	35.9	.2	.6	.1	.3	
Connor township .....	30	61	63	18	21	(NA)	93.0	35.9	92.9	35.9	.3	.8	.2	.5	
Crawford township .....	31	28	43	12	13	(NA)	93.1	35.9	93.1	35.9	.3	.9	.1	.3	
Deep Creek unorg. ....	27	50	...	11	13	...	93.0	35.9	92.9	35.9	.3	.8	.1	.3	
Dovre township .....	21	18	28	6	7	(NA)	93.6	36.2	93.6	36.1	.2	.6	.1	.2	
E-Six unorg. † .....	79	120	...	34	29	...	94.7	36.6	94.5	36.5	.8	2.2	.4	.9	
Harper township .....	7	5	12	7	6	(NA)	92.5	35.7	92.5	35.7	.1	.2	.1	.2	
Hughes township .....	11	17	10	4	7	(NA)	91.5	35.3	91.5	35.3	.1	.3	—	.1	
Hume township .....	25	44	64	16	18	(NA)	92.0	35.5	92.0	35.5	.3	.7	.2	.5	
Marmarth city .....	144	190	247	99	119	116	6.6	2.5	6.6	2.5	21.8	57.6	15.0	39.6	
Mineral Springs township .....	37	36	42	13	15	(NA)	93.0	35.9	92.9	35.9	.4	1.0	.1	.4	
Moord township .....	17	27	52	12	10	(NA)	91.4	35.3	91.3	35.2	.2	.5	.1	.3	
Mound township .....	13	25	41	9	11	(NA)	92.9	35.9	92.9	35.9	.1	.4	.1	.3	
Northwest Slope unorg. ....	74	58	...	31	29	...	380.8	147.0	380.6	146.9	.2	.5	.1	.2	
Peaceful Valley township .....	30	36	48	16	15	(NA)	95.7	37.0	95.6	36.9	.3	.8	.2	.4	
Rainy Butte township .....	29	63	78	23	20	(NA)	92.7	35.8	92.7	35.8	.3	.8	.2	.6	
Richland Center township .....	7	11	13	5	8	(NA)	92.4	35.7	92.4	35.7	.1	.2	.1	.1	
Sand Creek township .....	49	47	63	19	18	(NA)	183.9	71.0	183.7	70.9	.3	.7	.1	.3	
Sheets township .....	46	32	61	18	19	(NA)	93.1	36.0	93.0	35.9	.5	1.3	.2	.5	
Slope Center township .....	12	11	24	8	7	(NA)	92.9	35.8	92.9	35.8	.1	.3	.1	.2	
Sunshine township .....	2	4	8	2	2	(NA)	—	35.9	—	35.9	—	—	—	.1	
West Slope unorg. ....	25	31	...	11	11	...	362.3	139.9	362.2	139.9	.1	.2	—	.1	
White Lake township .....	27	36	54	14	13	(NA)	92.9	35.9	92.2	35.6	.3	.8	.2	.4	
Woodberry township .....	30	32	37	18	16	(NA)	92.9	35.9	92.9	35.9	.3	.8	.2	.5	
Stark County † .....	22 832	23 697	19 613	9 585	8 487	5 748	3 472.0	1 340.6	3 466.1	1 338.3	6.6	17.1	2.8	7.2	
Belfield city † .....	887	1 274	1 130	455	518	388	2.3	.9	2.3	.9	385.7	985.6	197.8	505.6	
Dickinson city † .....	16 097	15 924	12 405	6 838	5 903	3 722	25.9	10.0	25.8	10.0	623.9	1 609.7	265.0	683.8	
Dickinson North unorg. ....	2 315	2 432	...	813	725	...	700.3	270.4	696.9	269.1	3.3	8.6	1.2	3.0	
Dickinson South unorg. ....	601	669	...	225	185	...	531.4	205.2	531.4	205.2	1.1	2.9	.4	1.1	
East Stark unorg. ....	904	1 106	...	389	356	...	1 420.6	548.5	1 418.5	547.7	.6	1.7	.3	.7	
Gladstone city .....	224	317	222	96	102	68	.9	.4	.9	.4	248.9	560.0	106.7	240.0	
Richardson city .....	625	699	799	290	277	4	.9	.4	.9	.4	694.4	1 562.5	322.2	725.0	
South Heart city .....	322	294	132	122	95	39	.7	.3	.7	.3	460.0	1 073.3	174.3	406.7	
Taylor city .....	163	239	162	99	112	5	1.3	.5	1.3	.5	125.4	326.0	76.2	198.0	
West Stark unorg. ....	694	743	...	258	214	...	787.7	304.1	787.3	304.0	.9	2.3	.3	.8	
Steele County .....	2 420	3 106	3 749	1 311	1 447	1 394	1 853.3	715.5	1 845.1	712.4	1.3	3.4	.7	1.8	
Beaver Creek township .....	114	112	147	43	48	(NA)	92.5	35.7	90.1	34.8	1.3	3.3	.5	1.2	
Broadlawn township .....	59	73	98	27	28	(NA)	91.4	35.3	91.2	35.2	.6	1.7	.3	.8	
Carpenter township .....	53	72	109	26	27	(NA)	90.7	35.0	90.7	35.0	.6	1.5	.3	.7	
Colgate township .....	98	112	111	40	49	(NA)	91.6	35.4	91.5	35.3	1.1	2.8	.4	1.1	
Easton township .....	78	118	114	35	38	(NA)	93.3	36.0	93.2	36.0	.8	2.2	.4	1.0	
Edendale township .....	72	94	97	30	36	(NA)	93.3	36.0	93.3	36.0	.8	2.0	.3	.8	
Enger township .....	98	105	132	45	55	(NA)	92.7	35.8	92.6	35.8	1.1	2.7	.5	1.3	
Finley city .....	543	718	809	289	314	298	9.1	3.5	9.1	3.5	59.7	155.1	31.8	82.6	
Finley township .....	65	81	79	30	33	(NA)	84.1	32.5	83.9	32.4	.8	2.0	.4	.9	
Franklin township .....	49	79	276	23	35	(NA)	93.2	36.0	92.8	35.8	.5	1.4	.2	.6	
Golden Lake township .....	68	87	96	157	119	(NA)	93.2	36.0	90.1	34.8	.8	2.0	1.7	4.5	
Greenview township .....	64	76	83	26	30	(NA)	93.3	36.0	93.2	36.0	.7	1.8	.3	.7	
Hope city .....	281	406	364	163	182	151	1.6	.6	1.6	.6	175.6	468.3	101.9	271.7	
Hugo township .....	61	71	96	25	31	(NA)	92.9	35.9	92.9	35.9	.7	1.7	.3	.7	
Luverne city .....	41	65	84	23	33	36	.7	.3	.7	.3	58.6	136.7	32.9	76.7	
Melrose township .....	73	91	111	31	33	(NA)	93.3	36.0	93.2	36.0	.8	2.0	.3	.9	
Newburgh township .....	102	103	116	49	51	(NA)	92.7	35.8	92.7	35.8	1.1	2.8	.5	1.4	
Primrose township .....	90	114	134	41	48	(NA)	93.1	36.0	93.1	36.0	1.0	2.5	.4	1.1	
Riverside township .....	55	65	102	26	29	(NA)	93.6	36.1	93.4	36.1	.6	1.5	.3	.7	

POPULATION AND HOUSING UNIT COUNTS

NORTH DAKOTA 31

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	
Steele County—Con.															
Sharon city	119	166	201	79	103	93	4.0	1.6	4.0	1.5	29.8	79.3	19.8	52.7	
Sharon township	44	62	77	20	24	(NA)	87.7	33.8	87.6	33.8	.5	1.3	.2	.6	
Sherbrooke township	59	85	112	26	35	(NA)	93.2	36.0	93.2	36.0	.6	1.6	.3	.7	
Westfield township	73	76	90	31	40	(NA)	91.7	35.4	91.6	35.4	.8	2.1	.3	.9	
Willow Lake township	61	75	111	26	26	(NA)	90.5	34.9	89.4	34.5	.7	1.8	.3	.8	
Stutsman County †	22 241	24 154	23 550	9 770	9 663	7 741	5 952.7	2 298.4	5 753.7	2 221.5	3.9	10.0	1.7	4.4	
Alexander township	49	48	75	17	20	(NA)	93.1	36.0	92.3	35.7	.5	1.4	.2	.5	
Ashland township	86	89	94	33	32	(NA)	91.7	35.4	88.0	34.0	1.0	2.5	.4	1.0	
Bloom township	511	347	325	178	121	(NA)	90.0	34.7	88.5	34.2	5.8	14.9	2.0	5.2	
Bloomenfield township	51	53	65	18	21	(NA)	93.3	36.0	88.8	34.3	.6	1.5	.2	.5	
Buchanan city †	40	...	15	...	...	...	.2	.1	.2	.1	200.0	400.0	75.0	150.0	
Buchanan township	123	187	161	50	62	(NA)	92.8	35.8	87.7	33.9	1.4	3.6	.6	1.5	
Chase Lake unorg.	6	5	2	3	2	(NA)	92.7	35.8	80.1	30.9	.1	.2	—	.1	
Chicago township	55	74	100	25	28	(NA)	92.3	35.6	87.4	33.7	.6	1.6	.3	.7	
Cleveland city	121	130	128	58	71	57	.5	.2	.5	.2	242.0	605.0	116.0	290.0	
Conklin township	16	27	35	8	13	(NA)	92.9	35.9	88.8	34.3	.2	.5	.1	.2	
Corinne township	38	67	100	24	30	(NA)	92.2	35.6	91.9	35.5	.4	1.1	.3	.7	
Corwin township	95	182	99	47	64	(NA)	93.2	36.0	93.2	36.0	1.0	2.6	.5	1.3	
Courtenay city	70	110	125	40	51	64	1.1	.4	1.1	.4	63.6	175.0	36.4	100.0	
Courtenay township	58	63	79	20	27	(NA)	91.9	35.5	91.2	35.2	.6	1.6	.2	.6	
Cusator township	58	55	79	21	20	(NA)	92.1	35.6	90.3	34.9	.6	1.7	.2	.6	
Deer Lake township	30	49	67	15	18	(NA)	92.8	35.8	89.1	34.4	.3	.9	.2	.4	
Durham township	77	89	107	28	34	(NA)	93.2	36.0	91.8	35.5	.8	2.2	.3	.8	
Edmunds township	74	67	102	35	34	(NA)	91.8	35.4	90.1	34.8	.8	2.1	.4	1.0	
Eldridge township	162	204	209	66	76	(NA)	92.8	35.8	89.8	34.7	1.8	4.7	.7	1.9	
Flint township	53	76	117	23	25	(NA)	92.0	35.5	85.1	32.9	.6	1.6	.3	.7	
Fried township	177	152	113	86	64	(NA)	93.4	36.0	91.6	35.4	1.9	5.0	.9	2.4	
Gerber township	19	28	58	11	14	(NA)	92.4	35.7	87.0	33.6	.2	.6	.1	.3	
Germania township	45	53	61	20	24	(NA)	93.1	36.0	92.3	35.6	.5	1.3	.2	.6	
Glacier township	46	44	56	19	17	(NA)	92.4	35.7	90.0	34.7	.5	1.3	.2	.5	
Gray township	55	50	79	22	25	(NA)	89.9	34.7	87.6	33.8	.6	1.6	.3	.7	
Griffin township	68	80	73	29	28	(NA)	93.3	36.0	93.0	35.9	.7	1.9	.3	.8	
Hidden township	58	75	62	22	20	(NA)	93.3	36.0	91.5	35.3	.6	1.6	.2	.6	
Homer township	312	309	154	118	104	(NA)	90.9	35.1	90.9	35.1	3.4	8.9	1.3	3.4	
Iosco township	15	27	37	7	10	(NA)	93.0	35.9	87.0	33.6	.2	.4	.1	.2	
Jamestown city †	15 571	16 280	15 385	6 740	6 485	4 781	29.0	11.2	28.8	11.1	540.7	1 402.8	234.0	607.2	
Jim River Valley township	61	75	75	20	26	(NA)	93.0	35.9	88.5	34.2	.7	1.8	.2	.6	
Kensal city	191	210	263	93	101	109	1.6	.6	1.6	.6	119.4	318.3	58.1	155.0	
Kensal township	48	63	107	22	21	(NA)	90.3	34.9	83.4	32.2	.6	1.5	.3	.7	
Lenton township	72	79	94	28	31	(NA)	93.7	36.2	93.7	36.2	.8	2.0	.3	.8	
Lippert township	110	112	80	45	44	(NA)	93.7	36.2	92.6	35.8	1.2	3.1	.5	1.3	
Lowery township	48	46	78	25	24	(NA)	91.6	35.4	88.7	34.3	.5	1.4	.3	.7	
Lyon township	25	45	65	14	15	(NA)	92.8	35.8	85.4	33.0	.3	.8	.2	.4	
Manns township	74	98	115	30	39	(NA)	93.5	36.1	93.5	36.1	.8	2.0	.3	.8	
Marston Moor township	39	55	73	15	17	(NA)	92.9	35.9	89.3	34.5	.4	1.1	.2	.4	
Medina city	387	521	488	213	227	189	2.6	1.0	2.6	1.0	148.8	387.0	81.9	213.0	
Midway township	599	806	472	253	295	(NA)	74.2	28.6	68.5	26.5	8.7	22.6	3.7	9.5	
Montpelier city †	82	96	116	40	43	50	.7	.3	.7	.3	117.1	273.3	57.1	133.3	
Montpelier township	76	85	112	28	29	(NA)	92.5	35.7	92.5	35.7	.8	2.1	.3	.8	
Moon Lake township	78	93	130	28	27	(NA)	90.6	35.0	88.8	34.3	.9	2.3	.3	.8	
Newbury township	56	69	100	26	24	(NA)	93.5	36.1	89.6	34.6	.6	1.6	.3	.8	
Nogosek township	43	49	61	18	18	(NA)	92.0	35.5	90.7	35.0	.5	1.2	.2	.5	
Northwest Stutsman unorg.	24	22	...	10	11	...	92.7	35.8	89.0	34.4	.3	.7	.1	.3	
Paris township	42	76	97	21	29	(NA)	93.2	36.0	85.0	32.8	.5	1.3	.2	.6	
Peterson township	56	63	80	21	23	(NA)	94.0	36.3	89.5	34.5	.6	1.6	.2	.6	
Pingree city	61	88	76	36	36	41	.5	.2	.5	.2	122.0	305.0	72.0	180.0	
Pingree township	42	86	76	21	32	(NA)	92.3	35.6	90.5	35.0	.5	1.2	.2	.6	
Pipestem Valley township	50	75	81	30	27	(NA)	92.9	35.9	92.2	35.6	.5	1.4	.3	.8	
Plainview township	63	75	77	26	25	(NA)	93.2	36.0	93.1	35.9	.7	1.8	.3	.7	
Rose township	76	92	115	30	36	(NA)	93.5	36.1	91.0	35.1	.8	2.2	.3	.9	
Round Top township	32	30	49	9	9	(NA)	92.8	35.8	87.1	33.6	.4	1.0	.1	.3	
St. Paul township	71	83	86	29	24	(NA)	93.2	36.0	83.4	32.2	.9	2.2	.3	.9	
Seyern township	55	82	90	23	33	(NA)	93.5	36.1	93.2	36.0	.6	1.5	.2	.6	
Sharlow township	70	61	76	23	22	(NA)	94.0	36.3	93.9	36.2	.7	1.9	.2	.6	
Sinclair township	39	49	84	17	18	(NA)	93.1	35.9	88.6	34.2	.4	1.1	.2	.5	
Spiritwood township	99	124	160	43	57	(NA)	93.7	36.2	92.9	35.9	1.1	2.8	.5	1.2	

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	
Stutsman County †—Con.															
Spiritwood Lake city .....	61	50	...	96	81	...	4.7	1.8	2.8	1.1	21.8	55.5	34.3	87.3	
Stirton township .....	82	72	85	32	29	(NA)	92.9	35.9	85.2	32.9	1.0	2.5	4	1.0	
Streeter city .....	161	264	324	140	156	184	9.9	3.8	9.9	3.8	178.9	536.7	155.6	466.7	
Streeter township .....	62	87	126	33	33	(NA)	92.7	35.8	90.0	34.7	1.0	1.8	4	1.0	
Strong township .....	60	68	89	31	30	(NA)	92.3	35.6	87.5	33.8	1.0	1.8	4	1.0	
Sydney township .....	92	112	117	42	45	(NA)	94.0	36.3	93.8	36.2	1.0	2.5	4	1.2	
Valley Spring township .....	33	54	64	15	17	(NA)	93.2	36.0	87.5	33.8	1.0	1.0	2	1.0	
Wadsworth township .....	35	43	54	16	16	(NA)	92.1	35.6	84.4	32.6	1.0	1.1	2	1.0	
Walters township .....	69	66	100	26	26	(NA)	92.2	35.6	91.8	35.4	1.0	1.9	3	1.0	
Weld township .....	39	65	89	21	28	(NA)	94.0	36.3	87.7	33.9	1.0	1.2	2	1.0	
Windsor township .....	58	80	94	28	32	(NA)	90.6	35.0	88.7	34.2	1.0	1.7	3	1.0	
Winfield township .....	81	74	87	31	33	(NA)	93.5	36.1	93.3	36.0	1.0	2.3	3	1.0	
Woodbury township .....	244	264	198	86	84	(NA)	90.8	35.1	90.4	34.9	1.0	7.0	1.0	2.5	
Woodworth city .....	102	137	139	63	72	64	6	2	6	2	170.0	510.0	105.0	315.0	
Ypsilanti township .....	154	190	208	75	78	(NA)	93.4	36.1	93.4	36.1	1.6	4.3	8	2.1	
Towner County †	3 627	4 052	4 645	1 770	1 692	1 684	2 697.8	1 041.6	2 655.7	1 025.4	1.4	3.5	7	1.7	
Armourdale township .....	66	77	103	29	31	(NA)	93.5	36.1	92.7	35.8	1.0	1.8	3	1.0	
Atkins township .....	52	50	59	19	23	(NA)	93.4	36.1	91.0	35.1	1.0	1.5	2	1.0	
Bethel township .....	24	36	70	21	19	(NA)	93.0	35.9	92.3	35.6	1.0	3	2	1.0	
Bisbee city .....	227	257	305	121	121	136	7	3	7	3	324.3	756.7	172.9	403.3	
Cando city † .....	1 564	1 496	1 512	722	638	517	1.6	6	1.6	6	977.5	2 606.7	451.3	1 203.3	
Cando township .....	119	119	191	50	40	(NA)	92.0	35.5	90.8	35.1	1.3	3.4	6	1.4	
Coolin township .....	45	59	83	19	20	(NA)	93.3	36.0	92.9	35.9	1.0	1.3	2	1.0	
Crocus township .....	69	79	106	29	27	(NA)	93.1	36.0	90.7	35.0	1.0	2.0	3	1.0	
Dash township .....	56	82	97	35	32	(NA)	116.7	45.0	114.7	44.3	1.0	4.3	3	1.0	
Egeland city .....	103	112	96	51	47	62	1.0	4	1.0	4	103.0	257.5	51.0	127.5	
Gerrard township .....	39	53	71	22	23	(NA)	92.9	35.9	92.0	35.5	1.0	1.1	2	1.0	
Grainfield township .....	57	76	95	35	32	(NA)	92.4	35.7	92.2	35.6	1.0	1.6	4	1.0	
Hansboro city .....	20	43	49	16	16	31	.5	.2	.5	.2	40.0	100.0	32.0	80.0	
Howell township .....	73	82	99	25	24	(NA)	93.1	35.9	92.3	35.6	1.0	2.1	3	1.0	
Lansing township .....	13	34	56	18	19	(NA)	94.0	36.3	93.6	36.1	1.0	4	2	1.0	
Maza city .....	12	21	20	6	8	16	23.4	9.1	23.2	9.0	1.0	1.3	3	1.0	
Maza township .....	36	57	56	20	24	(NA)	70.4	27.2	69.6	26.9	1.0	1.3	3	1.0	
Monroe township .....	30	47	62	20	23	(NA)	93.3	36.0	93.3	36.0	1.0	3	2	1.0	
Mount View township .....	64	69	62	25	26	(NA)	92.9	35.9	91.5	35.3	1.0	1.8	3	1.0	
New City township .....	34	34	55	23	19	(NA)	92.5	35.7	92.4	35.7	1.0	1.0	2	1.0	
Olson township .....	58	65	85	32	28	(NA)	93.1	35.9	90.6	35.0	1.0	1.7	4	1.0	
Paulson township .....	58	72	68	22	21	(NA)	93.4	36.1	90.4	34.9	1.0	1.7	2	1.0	
Perth city .....	22	20	44	13	13	26	3	1	3	1	73.3	220.0	43.3	130.0	
Picton township .....	50	53	67	24	25	(NA)	114.7	44.3	114.2	44.1	1.0	4	2	1.0	
Rocklake city † .....	221	287	270	129	136	120	6	2	6	2	368.3	1 105.0	215.0	645.0	
Rock Lake township .....	36	50	67	17	18	(NA)	92.1	35.6	86.4	33.4	1.0	4	2	1.0	
Sarles city (pt.) .....	3	9	10	2	3	3	2	1	2	1	15.0	30.0	10.0	20.0	
Sidney township .....	87	97	73	30	29	(NA)	115.0	44.4	114.0	44.0	1.0	8	3	1.0	
Smith township .....	46	56	129	23	25	(NA)	113.9	44.0	112.2	43.3	1.0	4	2	1.0	
Sorenson township .....	46	59	65	27	31	(NA)	92.6	35.7	90.9	35.1	1.0	1.3	3	1.0	
Springfield township .....	47	63	65	27	25	(NA)	93.4	36.1	89.7	34.6	1.0	1.4	3	1.0	
Teddy township .....	82	92	103	28	30	(NA)	93.7	36.2	93.1	35.9	1.0	2.3	3	1.0	
Twin Hill township .....	44	51	73	19	20	(NA)	92.8	35.8	90.5	34.9	1.0	1.3	2	1.0	
Victor township .....	23	52	117	20	23	(NA)	92.4	35.7	90.4	34.9	1.0	7	2	1.0	
Virginia township .....	51	65	81	21	24	(NA)	92.5	35.7	90.6	35.0	1.0	1.5	2	1.0	
Zion township .....	50	68	81	30	29	(NA)	93.3	36.0	93.0	35.9	1.0	1.4	3	1.0	
Traill County	8 752	9 624	9 571	3 770	3 926	3 529	2 234.1	862.6	2 232.4	861.9	3.9	10.2	1.7	4.4	
Belmont township .....	77	94	111	40	46	(NA)	64.8	25.0	64.8	25.0	1.2	3.1	6	1.6	
Bingham township .....	108	119	147	51	62	(NA)	78.0	30.1	77.9	30.1	1.4	3.6	7	1.7	
Blanchard township .....	117	140	144	46	56	(NA)	93.2	36.0	93.2	36.0	1.3	3.3	5	1.3	
Bloomfield township .....	153	153	152	60	52	(NA)	93.4	36.1	93.4	36.1	1.6	4.2	6	1.7	
Bohnsack township .....	64	90	122	29	31	(NA)	90.9	35.1	90.9	35.1	1.0	1.8	3	1.0	
Buxton city .....	343	336	235	143	146	112	.5	.2	.5	.2	686.0	1 715.0	286.0	715.0	
Buxton township .....	81	140	128	36	44	(NA)	91.2	35.2	91.2	35.2	1.0	2.3	4	1.0	
Caledonia township .....	154	220	174	62	76	(NA)	76.7	29.6	76.7	29.6	2.0	5.2	8	2.1	
Clifford city .....	51	84	23	39	41	41	.4	.1	.4	.1	127.5	510.0	57.5	230.0	
Eldorado township .....	175	229	242	68	88	(NA)	93.5	36.1	92.3	35.6	1.0	4.9	7	1.9	
Elm River township .....	47	73	75	32	30	(NA)	75.2	29.0	75.2	29.0	1.0	1.6	4	1.1	
Ervin township .....	178	217	228	76	90	(NA)	94.0	36.3	94.0	36.3	1.0	4.9	8	2.1	
Galesburg city .....	161	165	134	82	84	65	.4	.2	.4	.2	402.5	805.0	205.0	410.0	
Galesburg township .....	127	143	136	49	50	(NA)	90.6	35.0	90.4	34.9	1.0	3.6	5	1.4	
Garfield township .....	170	185	193	66	64	(NA)	90.7	35.0	90.7	35.0	1.0	4.9	7	1.9	
Grandin city (pt.) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Greenfield township .....	56	74	110	26	29	(NA)	91.6	35.4	91.6	35.4	1.0	1.6	3	1.0	
Hatton city .....	800	787	808	334	347	315	1.5	.6	1.5	.6	533.3	1 333.3	222.7	556.7	
Herberg township .....	124	136	114	42	48	(NA)	87.6	33.8	87.5	33.8	1.4	3.7	5	1.2	

POPULATION AND HOUSING UNIT COUNTS

NORTH DAKOTA 33

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	
Trail County—Con.															
Hillsboro city	1 488	1 600	1 309	714	701	522	2.6	1.0	2.6	1.0	572.3	1 488.0	274.6	714.0	
Hillsboro township	106	151	182	47	52	(NA)	90.3	34.8	90.3	34.8	1.2	3.0	.5	1.4	
Kelso township	96	92	96	41	41	(NA)	90.6	35.0	90.6	35.0	1.1	2.7	.5	1.2	
Lindaa township	127	153	177	50	51	(NA)	90.2	34.8	90.2	34.8	1.4	3.6	.6	1.4	
Mayville city	2 092	2 255	2 554	866	849	765	4.0	1.6	4.0	1.6	523.0	1 307.5	216.5	541.3	
Mayville township	159	168	196	60	70	(NA)	91.5	35.3	91.5	35.3	1.7	4.5	.7	1.7	
Morgan township	111	126	147	49	62	(NA)	93.2	36.0	93.2	36.0	1.2	3.1	.5	1.4	
Norman township	77	102	99	33	39	(NA)	92.8	35.8	92.8	35.8	.8	2.2	.4	.9	
Norway township	172	177	198	70	75	(NA)	92.6	35.7	92.6	35.7	1.9	4.6	.8	2.0	
Portland city	602	627	534	268	262	201	2.2	.9	2.2	.9	273.6	668.9	121.8	297.8	
Reynolds city (pt.)	192	194	125	78	79	55	1.1	.4	1.1	.4	174.5	480.0	70.9	195.0	
Roseville township	115	112	129	48	54	(NA)	92.2	35.6	92.2	35.6	1.2	3.2	.5	1.3	
Stavanger township	115	135	137	48	58	(NA)	93.5	36.1	93.5	36.1	1.2	3.2	.5	1.3	
Viking township	170	213	210	80	92	(NA)	90.1	34.8	90.1	34.8	1.9	4.9	.9	2.3	
Wold township	144	167	141	53	59	(NA)	92.8	35.8	92.8	35.8	1.6	4.0	.6	1.5	
Walsh County †	13 840	15 371	16 251	6 093	6 153	5 307	3 351.9	1 294.2	3 320.4	1 282.0	4.2	10.8	1.8	4.8	
Acton township	154	161	203	64	75	(NA)	98.8	38.1	97.6	37.7	1.6	4.1	.7	1.7	
Adams city	248	303	284	146	160	139	2.6	1.0	2.6	1.0	95.4	248.0	56.2	146.0	
Adams township	64	85	124	35	40	(NA)	90.7	35.0	88.9	34.3	.7	1.9	.4	1.0	
Ardoch city	49	78	70	29	33	28	.7	.3	.7	.3	70.0	163.3	41.4	96.7	
Ardoch township	115	124	109	53	45	(NA)	91.9	35.5	88.2	34.1	1.3	3.4	.6	1.6	
Cleveland township	123	123	138	44	47	(NA)	93.1	35.9	92.5	35.7	1.3	3.4	.5	1.2	
Conway city	24	33	57	15	22	25	.6	.2	.6	.2	40.0	120.0	25.0	75.0	
Dewey township	48	79	116	29	32	(NA)	93.5	36.1	92.3	35.6	.5	1.3	.3	.8	
Dundee township	123	165	197	64	64	(NA)	93.1	36.0	93.1	36.0	1.3	3.4	.7	1.8	
Eden township	72	64	75	27	27	(NA)	92.7	35.8	92.7	35.8	.8	2.0	.3	.8	
Edinburg city	284	300	315	137	135	118	.8	.3	.8	.3	355.0	946.7	171.3	456.7	
Fairdale city	76	97	102	43	45	49	.8	.3	.8	.3	95.0	253.3	53.8	143.3	
Farmington township	204	246	228	101	130	(NA)	93.8	36.2	93.8	36.2	2.2	5.6	1.1	2.8	
Fertile township	285	277	275	107	113	(NA)	93.4	36.1	93.4	36.1	3.1	7.9	1.1	3.0	
Fordville city	299	326	361	138	146	144	2.6	1.0	2.6	1.0	115.0	299.0	53.1	138.0	
Forest River city	148	152	169	69	69	68	1.3	.5	1.3	.5	113.8	296.0	53.1	138.0	
Forest River township	136	111	118	49	51	(NA)	92.3	35.6	92.3	35.6	1.5	3.8	.5	1.4	
Glenwood township	245	300	260	109	127	(NA)	92.4	35.7	92.4	35.7	2.7	6.9	1.2	3.1	
Golden township	131	113	104	52	59	(NA)	93.3	36.0	92.8	35.8	1.4	3.7	.6	1.5	
Grafton city †	4 840	5 293	5 946	2 033	1 872	1 525	7.9	3.0	7.9	3.0	612.7	1 613.3	257.3	677.7	
Grafton township	369	327	200	126	124	(NA)	89.8	34.7	89.8	34.7	4.1	10.6	1.4	3.6	
Harrison township	172	167	167	81	88	(NA)	88.8	34.3	88.8	34.3	1.9	5.0	.9	2.4	
Hoople city	310	350	330	145	136	108	.9	.4	.9	.4	344.4	775.0	161.1	362.5	
Kensington township	291	258	249	96	83	(NA)	88.1	34.0	87.9	33.9	3.3	8.6	1.1	2.8	
Kinloss township	75	85	137	33	39	(NA)	92.6	35.8	91.6	35.4	.8	2.1	.4	.9	
Lampton township	169	209	170	74	74	(NA)	92.3	35.7	92.2	35.6	1.8	4.7	.8	2.1	
Lankin city	152	175	221	89	99	108	.9	.3	.9	.3	168.9	506.7	98.9	296.7	
Latona township	82	114	111	33	40	(NA)	93.7	36.2	90.7	35.0	.9	2.3	.4	.9	
Martin township	114	135	170	59	52	(NA)	90.3	34.9	88.3	34.1	1.3	3.3	.7	1.7	
Medford township	78	102	110	33	37	(NA)	90.5	34.9	90.5	34.9	.9	2.2	.4	.9	
Minto city	560	592	636	255	261	213	3.7	1.4	3.7	1.4	151.4	400.0	68.9	182.1	
Norton township	115	130	157	50	56	(NA)	92.8	35.8	92.5	35.7	1.2	3.2	.5	1.4	
Oakwood township	348	477	305	141	178	(NA)	86.7	33.5	86.7	33.5	4.0	10.4	1.6	4.2	
Ops township	74	86	123	37	45	(NA)	93.4	36.0	93.4	36.0	.8	2.1	.4	1.0	
Park River city †	1 725	1 844	1 680	793	774	574	5.4	2.1	5.4	2.1	319.4	821.4	146.9	377.6	
Perth township	84	116	124	33	40	(NA)	93.1	36.0	89.9	34.7	.9	2.4	.4	1.0	
Pisek city	130	156	154	71	80	59	.3	.1	.3	.1	433.3	1 300.0	236.7	710.0	
Prairie Center township	131	196	218	71	78	(NA)	93.6	36.1	93.6	36.1	1.4	3.6	.8	2.0	
Pulaski township	119	150	204	64	70	(NA)	89.4	34.5	88.6	34.2	1.3	3.5	.7	1.9	
Rushford township	124	172	170	46	54	(NA)	93.3	36.0	93.3	36.0	1.3	3.4	.5	1.3	
St. Andrews township	68	79	95	39	44	(NA)	95.3	36.8	94.1	36.3	.7	1.9	.4	1.1	
Sauter township	61	82	112	32	38	(NA)	93.3	36.0	90.3	34.9	.7	1.7	.4	.9	
Shepherd township	55	75	113	29	32	(NA)	93.7	36.2	89.7	34.6	.6	1.6	.3	.8	
Silvesta township	75	108	136	35	40	(NA)	93.1	35.9	91.1	35.2	.8	2.1	.4	1.0	
Tiber township	124	124	158	51	51	(NA)	92.9	35.9	92.6	35.8	1.3	3.5	.6	1.4	
Vernon township	124	139	176	49	62	(NA)	93.4	36.1	93.4	36.1	1.3	3.4	.5	1.4	
Vesta township	44	60	98	27	28	(NA)	93.3	36.0	92.9	35.9	.5	1.2	.3	.8	
Walsh Centre township	208	186	238	90	79	(NA)	94.0	36.3	94.0	36.3	2.2	5.7	1.0	2.5	
Walshville township	191	247	238	67	79	(NA)	87.0	33.6	85.9	33.2	2.2	5.8	.8	2.0	







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	
Williams County †—Con.															
Hofflund township .....	24	32	29	28	19	(NA)	68.0	26.2	42.7	16.5	.6	1.5	.7	1.7	
Judson township .....	164	113	81	64	40	(NA)	93.0	35.9	93.0	35.9	1.8	4.6	.7	1.8	
Lindahl township .....	37	42	53	27	20	(NA)	93.0	35.9	92.4	35.7	.4	1.0	.3	.8	
Marshall township .....	43	48	39	22	22	(NA)	94.1	36.3	94.1	36.3	.5	1.2	.2	.6	
Missouri Ridge township .....	446	550	175	178	186	(NA)	93.1	36.0	92.9	35.9	4.8	12.4	1.9	5.0	
Mont township .....	45	66	52	24	25	(NA)	93.0	35.9	92.9	35.9	.5	1.3	.3	.7	
Nesson Valley unorg. ....	19	11	...	60	33	(NA)	63.5	24.5	51.0	19.7	.4	1.0	1.2	3.0	
New Home township .....	30	39	48	18	15	(NA)	93.3	36.0	93.2	36.0	.3	.8	.2	.5	
Oliver township .....	17	24	29	10	13	(NA)	93.4	36.0	93.3	36.0	.2	.5	.1	.3	
Orthell township .....	19	21	26	14	12	(NA)	93.1	35.9	93.0	35.9	.2	.5	.2	.4	
Pherrin township .....	225	192	89	92	61	(NA)	92.9	35.9	90.8	35.1	2.5	6.4	1.0	2.6	
Pleasant Valley township .....	173	157	189	67	68	(NA)	94.1	36.3	94.1	36.3	1.8	4.8	.7	1.8	
Rainbow township .....	17	13	46	18	15	(NA)	93.0	35.9	92.5	35.7	.2	.5	.2	.5	
Ray city .....	603	766	776	316	314	272	2.6	1.0	2.5	1.0	241.2	603.0	126.4	316.0	
Rock Island township .....	8	8	20	9	8	(NA)	91.2	35.2	89.1	34.4	.1	.2	.1	.3	
Round Prairie township .....	133	97	84	56	45	(NA)	131.0	50.6	131.0	50.6	1.0	2.6	.4	1.1	
Sauk Valley township .....	94	134	167	64	55	(NA)	92.5	35.7	92.0	35.5	1.0	2.6	.7	1.8	
Scorio township .....	54	70	94	47	45	(NA)	92.3	35.6	90.5	34.9	.6	1.5	.5	1.3	
Southeast Williams unorg. ....	10	15	...	10	9	...	72.2	27.9	47.9	18.5	.2	.5	.2	.5	
South Meadow township .....	35	34	47	22	20	(NA)	93.0	35.9	92.5	35.7	.4	1.0	.2	.6	
Spring Brook city .....	29	52	27	14	21	10	1.0	.4	1.0	.4	29.0	72.5	14.0	35.0	
Springbrook township .....	67	35	34	30	16	(NA)	90.9	35.1	90.3	34.8	.7	1.9	.3	.9	
Stony Creek township .....	474	394	306	192	157	(NA)	164.2	63.4	127.8	49.4	3.7	9.6	1.5	3.9	
Strandahl township .....	32	29	40	19	16	(NA)	84.6	32.7	84.2	32.5	.4	1.0	.2	.6	
Tioga city .....	1 278	1 597	1 667	602	613	565	2.8	1.1	2.8	1.1	456.4	1 161.8	215.0	547.3	
Tioga township .....	137	153	289	55	61	(NA)	90.4	34.9	89.8	34.7	1.5	3.9	.6	1.6	
Trenton township .....	525	401	255	194	131	(NA)	84.2	32.5	66.5	25.7	7.9	20.4	2.9	7.5	
Truax township .....	97	72	63	113	95	(NA)	147.9	57.1	127.7	49.3	.8	2.0	.9	2.3	
Twelve Mile township .....	111	104	94	71	64	(NA)	181.2	69.9	161.1	62.2	.7	1.8	.4	1.1	
Tyrone township .....	49	59	48	24	22	(NA)	94.1	36.3	94.1	36.3	.5	1.3	.3	.7	
View township .....	41	37	63	17	17	(NA)	92.9	35.9	92.8	35.8	.4	1.1	.2	.5	
West Bank township .....	68	64	67	29	23	(NA)	94.8	36.6	94.8	36.6	.7	1.9	.3	.8	
Wheelock city .....	23	34	21	19	13	17	2.0	.8	2.0	.8	11.5	28.8	9.5	23.8	
Wheelock township .....	39	27	36	14	12	(NA)	91.2	35.2	91.2	35.2	.4	1.1	.2	.4	
Wildrose city .....	193	214	235	114	107	109	.7	.3	.7	.3	275.7	643.3	162.9	380.0	
Williston city † .....	13 131	13 336	11 280	6 083	5 155	3 737	18.2	7.0	18.0	6.9	729.5	1 903.0	337.9	881.6	
Williston township .....	1 209	1 384	653	483	481	(NA)	69.6	26.9	57.1	22.0	21.2	55.0	8.5	22.0	
Winner township .....	45	56	77	24	24	(NA)	93.3	36.0	92.7	35.8	.5	1.3	.3	.7	











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
Upham city, McHenry County .....	205	227	272	134	137	128	.6	.2	.6	.2	341.7	1 025.0	223.3	670.0
Valley City city, Barnes County .....	7 163	7 774	7 843	3 222	3 266	2 705	8.4	3.3	8.4	3.3	852.7	2 170.6	383.6	976.4
Velva city, McHenry County .....	968	1 101	1 241	486	498	420	2.0	.8	2.0	.8	484.0	1 210.0	243.0	607.5
Venturia city, McIntosh County .....	30	40	77	18	31	36	.2	.1	.2	.1	150.0	300.0	90.0	180.0
Verona city, LaMoure County .....	103	126	140	53	58	56	.7	.3	.7	.3	147.1	343.3	75.7	176.7
Voltaire city, McHenry County .....	63	65	54	26	26	25	1.1	.4	1.1	.4	57.3	157.5	23.6	65.0
Wahpeton city, Richland County .....	8 751	9 064	7 076	3 317	2 978	1 941	12.8	5.0	12.8	5.0	683.7	1 750.2	259.1	663.4
Walcott city, Richland County .....	178	186	166	83	88	78	2.6	1.0	2.6	1.0	68.5	178.0	31.9	83.0
Wales city, Cavalier County .....	48	74	116	43	51	50	.6	.2	.6	.2	80.0	240.0	71.7	215.0
Walhalla city, Pembina County .....	1 131	1 429	1 471	552	588	459	2.8	1.1	2.7	1.1	418.9	1 028.2	204.4	501.8
Warwick city, Benson County .....	80	108	168	49	67	71	2.6	1.0	1.7	.7	47.1	114.3	28.8	70.0
Washburn city, McLean County .....	1 506	1 767	804	654	717	289	4.9	1.9	4.6	1.8	327.4	836.7	142.2	363.3
Watford City city, McKenzie County .....	1 784	2 119	1 768	913	860	647	4.1	1.6	4.1	1.6	435.1	1 115.0	222.7	570.6
West Fargo city, Cass County .....	12 287	10 099	5 161	4 574	3 780	1 580	18.3	7.1	18.3	7.1	671.4	1 730.6	249.9	644.2
Westhope city, Bottineau County .....	578	741	705	246	271	212	.8	.3	.8	.3	722.5	1 926.7	307.5	820.0
Wheelock city, Williams County .....	23	34	21	19	13	17	2.0	.8	2.0	.8	11.5	28.8	9.5	23.8
White Earth city, Mountrail County .....	73	98	128	57	53	68	3.9	1.5	3.9	1.5	18.7	48.7	14.6	38.0
White Shield CDP, McLean County .....	274	...	...	96	...	...	9.7	3.8	9.7	3.7	28.2	74.1	9.9	25.9
Wildrose city, Williams County .....	193	214	235	114	107	109	.7	.3	.7	.3	275.7	643.3	162.9	380.0
Williston city, Williams County .....	13 131	13 336	11 280	6 083	5 155	3 737	18.2	7.0	18.0	6.9	729.5	1 903.0	337.9	881.6
Willow City city, Bottineau County .....	281	329	403	172	194	169	1.2	.5	1.2	.5	234.2	562.0	143.3	344.0
Wilton city .....	728	950	695	323	341	218	1.2	.5	1.2	.5	606.7	1 456.0	269.2	646.0
Burleigh County .....	176	262	116	81	95	44	.5	.2	.5	.2	352.0	880.0	162.0	405.0
McLean County .....	552	688	579	242	246	174	.8	.3	.8	.3	690.0	1 840.0	302.5	806.7
Wimbledon city, Barnes County .....	275	330	337	140	143	122	1.2	.5	1.2	.5	229.2	550.0	116.7	280.0
Wing city, Burleigh County .....	208	220	223	97	104	88	1.5	.6	1.5	.6	138.7	346.7	64.7	161.7
Wishek city, McIntosh County .....	1 171	1 345	1 275	569	594	474	3.8	1.5	3.8	1.5	308.2	780.7	149.7	379.3
Wolford city, Pierce County .....	56	76	81	33	42	40	.4	.2	.4	.2	140.0	280.0	82.5	165.0
Woodworth city, Stutsman County .....	102	137	139	63	72	64	.6	.2	.6	.2	170.0	510.0	105.0	315.0
Wyndmere city, Richland County .....	501	550	516	232	258	201	2.3	.9	2.3	.9	217.8	556.7	100.9	257.8
York city, Benson County .....	35	69	102	35	45	47	.6	.2	.6	.2	58.3	175.0	58.3	175.0
Zap city, Mercer County .....	287	511	271	162	231	105	2.7	1.0	2.7	1.0	106.3	287.0	60.0	162.0
Zeeland city, McIntosh County .....	197	253	313	114	125	131	.8	.3	.8	.3	246.3	656.7	142.5	380.0



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
Fargo city, Cass County -----	1	74 111	61 383	31 711	25 219	Minot AFB CDP, Ward County -----	11	9 095	9 880	2 575	2 534
Grand Forks city, Grand Forks County -----	2	49 425	43 765	19 589	17 174	Wahpeton city, Richland County -----	12	8 751	9 064	3 317	2 978
Bismarck city, Burleigh County -----	3	49 256	44 485	20 038	17 403	Devils Lake city, Ramsey County -----	13	7 782	7 442	3 325	3 020
Minot city, Ward County -----	4	34 544	32 843	15 040	13 113	Valley City city, Barnes County -----	14	7 163	7 774	3 222	3 266
Dickinson city, Stark County -----	5	16 097	15 924	6 838	5 903	Grafton city, Walsh County -----	15	4 840	5 293	2 033	1 872
Jamestown city, Stutsman County -----	6	15 571	16 280	6 740	6 485	Beulah city, Mercer County -----	16	3 363	2 908	1 437	1 184
Mandan city, Morton County -----	7	15 177	15 513	5 910	5 797	Rugby city, Pierce County -----	17	2 909	3 335	1 369	1 350
Williston city, Williams County -----	8	13 131	13 336	6 083	5 155	Hazen city, Mercer County -----	18	2 818	2 365	1 118	950
West Fargo city, Cass County -----	9	12 287	10 099	4 574	3 780	Bottineau city, Bottineau County -----	19	2 598	2 829	1 164	1 140
Grand Forks AFB CDP, Grand Forks County --	10	9 343	9 390	2 618	2 221						

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 -----	376	638 800	100.0	...	368	652 717	100.0	...	276 340	100.0	...	178 695.2	68 994.3	100.0	...
<b>Urban -----</b>	<b>20</b>	<b>340 339</b>	<b>53.3</b>	<b>100.0</b>	<b>21</b>	<b>318 310</b>	<b>48.8</b>	<b>100.0</b>	<b>139 382</b>	<b>50.4</b>	<b>100.0</b>	<b>438.6</b>	<b>169.3</b>	<b>.2</b>	<b>100.0</b>
Inside urbanized area -----	6	202 334	31.7	59.5	6	176 844	27.1	55.6	82 503	29.9	59.2	231.4	89.4	.1	52.8
Central place -----	3	172 792	27.0	50.8	4	165 146	25.3	51.9	71 338	25.8	51.2	177.6	68.6	.1	40.5
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 -----	1	74 111	11.6	21.8	1	61 383	9.4	19.3	31 711	11.5	22.8	77.2	29.8	--	17.6
Less than 50,000 -----	2	98 681	15.4	29.0	3	103 763	15.9	32.6	39 627	14.3	28.4	100.4	38.8	.1	22.9
Urban fringe -----	3	29 542	4.6	8.7	2	11 698	1.8	3.7	11 165	4.0	8.0	53.8	20.8	--	12.3
Place of 2,500 or more -----	2	27 464	4.3	8.1	1	10 099	1.5	3.2	10 484	3.8	7.5	44.1	17.0	--	10.1
100,000 or more -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
50,000 to 99,999 -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25,000 to 49,999 -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10,000 to 24,999 -----	2	27 464	4.3	8.1	1	10 099	1.5	3.2	10 484	3.8	7.5	44.1	17.0	--	10.1
5,000 to 9,999 -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,500 to 4,999 -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Place of less than 2,500 -----	1	1 132	.2	.3	1	465	.1	.1	346	.1	.2	2.4	.9	--	.5
2,000 to 2,499 -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,500 to 1,999 -----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,000 to 1,499 -----	1	1 132	.2	.3	--	--	--	--	346	.1	.2	2.4	.9	--	.5
Less than 1,000 -----	--	--	--	--	1	465	.1	.1	--	--	--	--	--	--	--
Other urban -----	...	946	.1	.3	...	1 134	.2	.4	335	.1	.2	7.3	2.8	--	1.7
Outside urbanized area -----	14	138 005	21.6	40.5	15	141 466	21.7	44.4	56 879	20.6	40.8	207.1	80.0	.1	47.2
Place of -----															
25,000 or more -----	1	34 544	5.4	10.1	1	32 843	5.0	10.3	15 040	5.4	10.8	34.3	13.3	--	7.8
10,000 to 24,999 -----	3	44 799	7.0	13.2	3	45 540	7.0	14.3	19 661	7.1	14.1	72.6	28.0	--	16.6
5,000 to 9,999 -----	5	42 134	6.6	12.4	6	48 843	7.5	15.3	15 057	5.4	10.8	75.3	29.1	--	17.2
2,500 to 4,999 -----	5	16 528	2.6	4.9	5	14 240	2.2	4.5	7 121	2.6	5.1	24.8	9.6	--	5.7
Rural -----	<b>356</b>	<b>298 461</b>	<b>46.7</b>	<b>100.0</b>	<b>347</b>	<b>334 407</b>	<b>51.2</b>	<b>100.0</b>	<b>136 958</b>	<b>49.6</b>	<b>100.0</b>	<b>178 256.6</b>	<b>68 825.0</b>	<b>99.8</b>	<b>100.0</b>
Place of 1,000 to 2,499 -----	35	54 448	8.5	18.2	46	70 531	10.8	21.1	25 261	9.1	18.4	121.1	46.7	.1	.1
2,000 to 2,499 -----	6	13 498	2.1	4.5	7	15 540	2.4	4.6	5 886	2.1	4.3	36.0	13.9	--	--
1,500 to 1,999 -----	12	19 710	3.1	6.6	15	25 358	3.9	7.6	9 156	3.3	6.7	40.3	15.5	--	--
1,000 to 1,499 -----	17	21 240	3.3	7.1	24	29 633	4.5	8.9	10 219	3.7	7.5	44.8	17.3	--	--
Place of less than 1,000 -----	321	79 885	12.5	26.8	301	76 067	11.7	22.7	39 079	14.1	28.5	942.5	363.9	.5	.5
Other rural -----	...	164 128	25.7	55.0	...	187 809	28.8	56.2	72 618	26.3	53.0	177 193.1	68 414.3	99.2	99.4

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 .....	20	21	18	15	13	13	12	12
Place of 2,500 or more .....	19	20	18	15	13	13	12	12
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 .....	1	1	1	-	-	-	-	-
25,000 to 49,999 .....	3	3	3	4	2	2	1	1
10,000 to 24,999 .....	5	5	6	3	3	3	3	3
5,000 to 9,999 .....	5	6	5	5	6	6	6	6
2,500 to 4,999 .....	5	5	3	3	2	2	2	2
Place of less than 2,500 .....	1	1	-	-	-	-	-	-
Rural .....	356	347	342	343	333	333	321	314
Place of 1,000 to 2,499 .....	35	46	44	49	47	47	36	29
Place of less than 1,000 .....	321	301	298	294	286	286	285	285
<b>Cumulative summary:</b>								
Place of—								
1,000,000 or more .....	-	-	-	-	-	-	-	-
500,000 or more .....	-	-	-	-	-	-	-	-
250,000 or more .....	-	-	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-	-	-
50,000 or more .....	1	1	1	-	-	-	-	-
25,000 or more .....	4	4	4	4	2	2	1	1
10,000 or more .....	9	9	10	7	5	5	4	4
5,000 or more .....	14	15	15	12	11	11	10	10
2,500 or more .....	19	20	18	15	13	13	12	12
<b>POPULATION</b>								
Urban .....	340 339	318 310	273 442	222 708	164 817	164 817	131 923	113 306
Place of 2,500 or more .....	338 261	316 711	273 387	221 694	164 817	164 817	131 923	113 306
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 .....	74 111	61 383	53 365	-	-	-	-	-
25,000 to 49,999 .....	133 225	121 093	106 001	139 387	65 092	65 092	32 580	28 619
10,000 to 24,999 .....	72 263	71 152	72 714	37 554	51 369	51 369	52 301	44 301
5,000 to 9,999 .....	42 134	48 843	33 104	35 840	40 548	40 548	39 225	34 074
2,500 to 4,999 .....	16 528	14 240	8 203	8 913	7 808	7 808	7 817	6 312
Place of less than 2,500 .....	1 132	465	-	-	-	-	-	-
Other urban .....	946	1 134	55	1 014	-	-	-	-
Rural .....	298 461	334 407	344 319	409 738	454 819	454 819	510 012	567 539
Place of 1,000 to 2,499 .....	54 448	70 531	65 434	75 108	69 670	69 670	49 861	39 232
Place of less than 1,000 .....	79 885	76 067	75 735	83 653	89 723	89 723	97 930	98 709
Other rural .....	164 128	187 809	203 150	250 977	295 426	295 426	362 221	429 598
<b>PERCENT OF TOTAL POPULATION</b>								
Urban .....	53.3	48.8	44.3	35.2	26.6	26.6	20.6	16.6
Place of 2,500 or more .....	53.0	48.5	44.3	35.1	26.6	26.6	20.6	16.6
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 .....	11.6	9.4	8.6	-	-	-	-	-
25,000 to 49,999 .....	20.9	18.6	17.2	22.0	10.5	10.5	5.1	4.2
10,000 to 24,999 .....	11.3	10.9	11.8	5.9	8.3	8.3	8.1	6.5
5,000 to 9,999 .....	6.6	7.5	5.4	5.7	6.5	6.5	6.1	5.0
2,500 to 4,999 .....	2.6	2.2	1.3	1.4	1.3	1.3	1.2	.9
Place of less than 2,500 .....	.2	.1	-	-	-	-	-	-
Other urban .....	.1	.2	-	.2	-	-	-	-
Rural .....	46.7	51.2	55.7	64.8	73.4	73.4	79.4	83.4
Place of 1,000 to 2,499 .....	8.5	10.8	10.6	11.9	11.2	11.2	7.8	5.8
Place of less than 1,000 .....	12.5	11.7	12.3	13.2	14.5	14.5	15.3	14.5
Other rural .....	25.7	28.8	32.9	39.7	47.7	47.7	56.4	63.1

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

[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>THE STATE</b>														
Total .....	638 800	376	473 726	366	449 708	3	172 792	363	276 916	10	24 018	—	—	165 074
Urban .....	<b>340 339</b>	<b>20</b>	<b>339 393</b>	<b>18</b>	<b>320 955</b>	<b>3</b>	<b>172 792</b>	<b>15</b>	<b>148 163</b>	<b>2</b>	<b>18 438</b>	—	—	<b>946</b>
Inside urbanized area .....	202 334	6	201 388	6	201 388	3	172 792	3	28 596	—	—	—	—	946
Central place .....	172 792	3	172 792	3	172 792	3	172 792	—	—	—	—	—	—	—
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 .....	74 111	1	74 111	1	74 111	1	74 111	—	—	—	—	—	—	—
Less than 50,000 .....	98 681	2	98 681	2	98 681	2	98 681	—	—	—	—	—	—	—
Urban fringe .....	29 542	3	28 596	3	28 596	—	—	3	28 596	—	—	—	—	946
Place of 2,500 or more .....	27 464	2	27 464	2	27 464	—	—	2	27 464	—	—	—	—	—
100,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
50,000 to 99,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 to 49,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10,000 to 24,999 .....	27 464	2	27 464	2	27 464	—	—	2	27 464	—	—	—	—	—
5,000 to 9,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,500 to 4,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Place of less than 2,500 .....	1 132	1	1 132	1	1 132	—	—	1	1 132	—	—	—	—	—
2,000 to 2,499 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,500 to 1,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000 to 1,499 .....	1 132	1	1 132	1	1 132	—	—	1	1 132	—	—	—	—	—
Less than 1,000 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other urban .....	946	—	—	—	—	—	—	—	—	—	—	—	—	946
Outside urbanized area .....	138 005	14	138 005	12	119 567	—	—	12	119 567	2	18 438	—	—	—
Place of —														
25,000 or more .....	34 544	1	34 544	1	34 544	—	—	1	34 544	—	—	—	—	—
10,000 to 24,999 .....	44 799	3	44 799	3	44 799	—	—	3	44 799	—	—	—	—	—
5,000 to 9,999 .....	42 134	3	42 134	3	23 696	—	—	3	23 696	2	18 438	—	—	—
2,500 to 4,999 .....	16 528	5	16 528	5	16 528	—	—	5	16 528	—	—	—	—	—
Rural .....	<b>298 461</b>	<b>356</b>	<b>134 333</b>	<b>348</b>	<b>128 753</b>	—	—	<b>348</b>	<b>128 753</b>	<b>8</b>	<b>5 580</b>	—	—	<b>164 128</b>
Place of 1,000 to 2,499 .....	54 448	35	54 448	34	51 990	—	—	34	51 990	1	2 458	—	—	—
2,000 to 2,499 .....	13 498	6	13 498	5	11 040	—	—	5	11 040	1	2 458	—	—	—
1,500 to 1,999 .....	19 710	12	19 710	12	19 710	—	—	12	19 710	—	—	—	—	—
1,000 to 1,499 .....	21 240	17	21 240	17	21 240	—	—	17	21 240	—	—	—	—	—
Place of less than 1,000 .....	79 885	321	79 885	314	76 763	—	—	314	76 763	7	3 122	—	—	—
Other rural .....	164 128	—	—	—	—	—	—	—	—	—	—	—	—	164 128
<b>INSIDE METROPOLITAN AREA</b>														
Total .....	257 388	46	226 685	45	217 342	3	172 792	42	44 550	1	9 343	—	—	30 703
Urban .....	<b>211 677</b>	<b>7</b>	<b>210 731</b>	<b>6</b>	<b>201 388</b>	<b>3</b>	<b>172 792</b>	<b>3</b>	<b>28 596</b>	<b>1</b>	<b>9 343</b>	—	—	<b>946</b>
Inside urbanized area .....	202 334	6	201 388	6	201 388	3	172 792	3	28 596	—	—	—	—	946
Central place .....	172 792	3	172 792	3	172 792	3	172 792	—	—	—	—	—	—	—
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 .....	74 111	1	74 111	1	74 111	1	74 111	—	—	—	—	—	—	—
Less than 50,000 .....	98 681	2	98 681	2	98 681	2	98 681	—	—	—	—	—	—	—
Urban fringe .....	29 542	3	28 596	3	28 596	—	—	3	28 596	—	—	—	—	946
Place of 2,500 or more .....	27 464	2	27 464	2	27 464	—	—	2	27 464	—	—	—	—	—
100,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
50,000 to 99,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 to 49,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10,000 to 24,999 .....	27 464	2	27 464	2	27 464	—	—	2	27 464	—	—	—	—	—
5,000 to 9,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2,500 to 4,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Place of less than 2,500 .....	1 132	1	1 132	1	1 132	—	—	1	1 132	—	—	—	—	—
2,000 to 2,499 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,500 to 1,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000 to 1,499 .....	1 132	1	1 132	1	1 132	—	—	1	1 132	—	—	—	—	—
Less than 1,000 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other urban .....	946	—	—	—	—	—	—	—	—	—	—	—	—	946





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 .....	2 618	1	2 618	—	—	—	—	—	—	1	2 618	—	—	...
Place of—	—	—	—	—	—	—	—	—	—	—	—	—	—	...
25,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
10,000 to 24,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
5,000 to 9,999 .....	2 618	1	2 618	—	—	—	—	—	—	1	2 618	—	—	...
2,500 to 4,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rural .....	17 641	39	6 783	39	6 783	—	—	39	6 783	—	—	—	—	10 858
Place of 1,000 to 2,499 .....	1 821	3	1 821	3	1 821	—	—	3	1 821	—	—	—	—	...
2,000 to 2,499 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
1,500 to 1,999 .....	664	1	664	1	664	—	—	1	664	—	—	—	—	...
1,000 to 1,499 .....	1 157	2	1 157	2	1 157	—	—	2	1 157	—	—	—	—	...
Place of less than 1,000 .....	4 962	36	4 962	36	4 962	—	—	36	4 962	—	—	—	—	...
Other rural .....	10 858	...	—	...	—	...	—	...	—	...	—	—	...	10 858
<b>OUTSIDE METROPOLITAN AREA</b>														
Total .....	173 578	330	111 818	321	107 486	...	...	321	107 486	9	4 332	...	...	61 760
Urban .....	54 261	13	54 261	12	51 686	...	...	12	51 686	1	2 575	...	...	—
Inside urbanized area .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
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 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
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 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
2,000 to 2,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
1,500 to 1,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
1,000 to 1,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
Less than 1,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
Other urban .....	—	...	—	...	—	...	...	...	—	...	—	...	...	—
Outside urbanized area .....	54 261	13	54 261	12	51 686	...	...	12	51 686	1	2 575	...	...	...
Place of—	—	—	—	—	—	...	...	—	—	—	—	...	...	—
25,000 or more .....	15 040	1	15 040	1	15 040	...	...	1	15 040	—	—	...	...	...
10,000 to 24,999 .....	19 661	3	19 661	3	19 661	...	...	3	19 661	—	—	...	...	...
5,000 to 9,999 .....	12 439	4	12 439	3	9 864	...	...	3	9 864	1	2 575	...	...	...
2,500 to 4,999 .....	7 121	5	7 121	5	7 121	...	...	5	7 121	—	—	...	...	...
Rural .....	119 317	317	57 557	309	55 800	...	...	309	55 800	8	1 757	...	...	61 760
Place of 1,000 to 2,499 .....	23 440	32	23 440	31	22 576	...	...	31	22 576	1	864	...	...	...
2,000 to 2,499 .....	5 886	6	5 886	5	5 022	...	...	5	5 022	1	864	...	...	...
1,500 to 1,999 .....	8 492	11	8 492	11	8 492	...	...	11	8 492	—	—	...	...	...
1,000 to 1,499 .....	9 062	15	9 062	15	9 062	...	...	15	9 062	—	—	...	...	...
Place of less than 1,000 .....	34 117	285	34 117	278	33 224	...	...	278	33 224	7	893	...	...	...
Other rural .....	61 760	...	—	...	—	...	...	...	—	...	—	...	...	61 760





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 .....	22.0	1	22.0	—	—	—	—	—	—	1	22.0	—	—	...
Place of—	—	—	—	—	—	—	—	—	—	—	—	—	—	...
25,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
10,000 to 24,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
5,000 to 9,999 .....	22.0	1	22.0	—	—	—	—	—	—	1	22.0	—	—	...
2,500 to 4,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Rural .....	17 263.3	39	91.1	39	91.1	—	—	39	91.1	—	—	—	—	17 172.2
Place of 1,000 to 2,499 .....	6.7	3	6.7	3	6.7	—	—	3	6.7	—	—	—	—	...
2,000 to 2,499 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
1,500 to 1,999 .....	2.9	1	2.9	1	2.9	—	—	1	2.9	—	—	—	—	...
1,000 to 1,499 .....	3.8	2	3.8	2	3.8	—	—	2	3.8	—	—	—	—	...
Place of less than 1,000 .....	84.4	36	84.4	36	84.4	—	—	36	84.4	—	—	—	—	...
Other rural .....	17 172.2	...	—	...	—	...	—	...	—	...	...	...	...	17 172.2
<b>OUTSIDE METROPOLITAN AREA</b>														
Total .....	161 178.4	330	1 157.6	321	831.7	...	...	321	831.7	9	325.9	...	...	160 020.8
Urban .....	185.1	13	185.1	12	166.4	...	...	12	166.4	1	18.7	...	...	—
Inside urbanized area .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
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 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
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 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
2,000 to 2,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
1,500 to 1,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
1,000 to 1,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
Less than 1,000 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	—
Other urban .....	—	...	—	...	—	...	...	...	—	...	—	...	...	—
Outside urbanized area .....	185.1	13	185.1	12	166.4	...	...	12	166.4	1	18.7	...	...	...
Place of—	—	—	—	—	—	...	...	—	—	—	—	...	...	—
25,000 or more .....	34.3	1	34.3	1	34.3	...	...	1	34.3	—	—	...	...	...
10,000 to 24,999 .....	72.6	3	72.6	3	72.6	...	...	3	72.6	—	—	...	...	...
5,000 to 9,999 .....	53.3	4	53.3	3	34.6	...	...	3	34.6	1	18.7	...	...	...
2,500 to 4,999 .....	24.8	5	24.8	5	24.8	...	...	5	24.8	—	—	...	...	...
Rural .....	160 993.3	317	972.5	309	665.3	...	...	309	665.3	8	307.2	...	...	160 020.8
Place of 1,000 to 2,499 .....	114.3	32	114.3	31	99.2	...	...	31	99.2	1	15.2	...	...	...
2,000 to 2,499 .....	36.0	6	36.0	5	20.9	...	...	5	20.9	1	15.2	...	...	...
1,500 to 1,999 .....	37.4	11	37.4	11	37.4	...	...	11	37.4	—	—	...	...	...
1,000 to 1,499 .....	40.9	15	40.9	15	40.9	...	...	15	40.9	—	—	...	...	...
Place of less than 1,000 .....	858.1	285	858.1	278	566.1	...	...	278	566.1	7	292.0	...	...	...
Other rural .....	160 020.8	...	—	...	—	...	...	...	—	...	...	...	...	160 020.8





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 .....	638 800	376	473 726	366	449 708	3	172 792	363	276 916	10	24 018	—	—	165 074
In place .....	<b>473 726</b>	<b>376</b>	<b>473 726</b>	<b>366</b>	<b>449 708</b>	<b>3</b>	<b>172 792</b>	<b>363</b>	<b>276 916</b>	<b>10</b>	<b>24 018</b>	—	—	...
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 .....	74 111	1	74 111	1	74 111	1	74 111	—	—	—	—	—	—	...
25,000 to 49,999 .....	133 225	3	133 225	3	133 225	2	98 681	1	34 544	—	—	—	—	...
10,000 to 24,999 .....	72 263	5	72 263	5	72 263	—	—	5	72 263	—	—	—	—	...
5,000 to 9,999 .....	42 134	5	42 134	3	23 696	—	—	3	23 696	2	18 438	—	—	...
2,500 to 4,999 .....	16 528	5	16 528	5	16 528	—	—	5	16 528	—	—	—	—	...
2,000 to 2,499 .....	13 498	6	13 498	5	11 040	—	—	5	11 040	1	2 458	—	—	...
1,500 to 1,999 .....	19 710	12	19 710	12	19 710	—	—	12	19 710	—	—	—	—	...
1,000 to 1,499 .....	22 372	18	22 372	18	22 372	—	—	18	22 372	—	—	—	—	...
500 to 999 .....	38 854	53	38 854	51	37 285	—	—	51	37 285	2	1 569	—	—	...
200 to 499 .....	25 114	85	25 114	80	23 561	—	—	80	23 561	5	1 553	—	—	...
Less than 200 .....	15 917	183	15 917	183	15 917	—	—	183	15 917	—	—	—	—	...
<b>Cumulative summary:</b>														
Place of—														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
100,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
50,000 or more .....	74 111	1	74 111	1	74 111	1	74 111	—	—	—	—	—	—	...
25,000 or more .....	207 336	4	207 336	4	207 336	3	172 792	1	34 544	—	—	—	—	...
10,000 or more .....	279 599	9	279 599	9	279 599	3	172 792	6	106 807	—	—	—	—	...
5,000 or more .....	321 733	14	321 733	12	303 295	3	172 792	9	130 503	2	18 438	—	—	...
2,500 or more .....	338 261	19	338 261	17	319 823	3	172 792	14	147 031	2	18 438	—	—	...
2,000 or more .....	351 759	25	351 759	22	330 863	3	172 792	19	158 071	3	20 896	—	—	...
1,500 or more .....	371 469	37	371 469	34	350 573	3	172 792	31	177 781	3	20 896	—	—	...
1,000 or more .....	393 841	55	393 841	52	372 945	3	172 792	49	200 153	3	20 896	—	—	...
500 or more .....	432 695	108	432 695	103	410 230	3	172 792	100	237 438	5	22 465	—	—	...
200 or more .....	457 809	193	457 809	183	433 791	3	172 792	180	260 999	10	24 018	—	—	...
Not in place .....	<b>165 074</b>	...	...	...	...	...	...	...	...	...	...	...	...	<b>165 074</b>
<b>INSIDE METROPOLITAN AREA</b>														
Total .....	257 388	46	226 685	45	217 342	3	172 792	42	44 550	1	9 343	—	—	30 703
In place .....	<b>226 685</b>	<b>46</b>	<b>226 685</b>	<b>45</b>	<b>217 342</b>	<b>3</b>	<b>172 792</b>	<b>42</b>	<b>44 550</b>	<b>1</b>	<b>9 343</b>	—	—	...
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 .....	74 111	1	74 111	1	74 111	1	74 111	—	—	—	—	—	—	...
25,000 to 49,999 .....	98 681	2	98 681	2	98 681	2	98 681	—	—	—	—	—	—	...
10,000 to 24,999 .....	27 464	2	27 464	2	27 464	—	—	2	27 464	—	—	—	—	...
5,000 to 9,999 .....	9 343	1	9 343	—	—	—	—	—	—	1	9 343	—	—	...
2,500 to 4,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
2,000 to 2,499 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
1,500 to 1,999 .....	1 601	1	1 601	1	1 601	—	—	1	1 601	—	—	—	—	...
1,000 to 1,499 .....	3 762	3	3 762	3	3 762	—	—	3	3 762	—	—	—	—	...
500 to 999 .....	6 350	8	6 350	8	6 350	—	—	8	6 350	—	—	—	—	...
200 to 499 .....	4 323	15	4 323	15	4 323	—	—	15	4 323	—	—	—	—	...
Less than 200 .....	1 050	13	1 050	13	1 050	—	—	13	1 050	—	—	—	—	...



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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 .....	276 340	376	203 387	366	196 437	3	71 338	363	125 099	10	6 950	—	—	72 953
In place .....	<b>203 387</b>	<b>376</b>	<b>203 387</b>	<b>366</b>	<b>196 437</b>	<b>3</b>	<b>71 338</b>	<b>363</b>	<b>125 099</b>	<b>10</b>	<b>6 950</b>	—	—	...
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 .....	31 711	1	31 711	1	31 711	1	31 711	—	—	—	—	—	—	...
25,000 to 49,999 .....	54 667	3	54 667	3	54 667	2	39 627	1	15 040	—	—	—	—	...
10,000 to 24,999 .....	30 145	5	30 145	5	30 145	—	—	5	30 145	—	—	—	—	...
5,000 to 9,999 .....	15 057	5	15 057	3	9 864	...	...	3	9 864	2	5 193	...	...	...
2,500 to 4,999 .....	7 121	5	7 121	5	7 121	...	...	5	7 121	—	—	...	...	...
2,000 to 2,499 .....	5 886	6	5 886	5	5 022	...	...	5	5 022	1	864	...	...	...
1,500 to 1,999 .....	9 156	12	9 156	12	9 156	...	...	12	9 156	—	—	...	...	...
1,000 to 1,499 .....	10 565	18	10 565	18	10 565	...	...	18	10 565	—	—	...	...	...
500 to 999 .....	17 579	53	17 579	51	17 158	...	...	51	17 158	2	421	...	...	...
200 to 499 .....	12 295	85	12 295	80	11 823	...	...	80	11 823	5	472	...	...	...
Less than 200 .....	9 205	183	9 205	183	9 205	...	...	183	9 205	—	—	...	...	...
<b>Cumulative summary:</b>														
Place of —														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
100,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
50,000 or more .....	31 711	1	31 711	1	31 711	1	31 711	—	—	—	—	—	—	...
25,000 or more .....	86 378	4	86 378	4	86 378	3	71 338	1	15 040	—	—	—	—	...
10,000 or more .....	116 523	9	116 523	9	116 523	3	71 338	6	45 185	—	—	—	—	...
5,000 or more .....	131 580	14	131 580	12	126 387	3	71 338	9	55 049	2	5 193	...	...	...
2,500 or more .....	138 701	19	138 701	17	133 508	3	71 338	14	62 170	2	5 193	...	...	...
2,000 or more .....	144 587	25	144 587	22	138 530	3	71 338	19	67 192	3	6 057	...	...	...
1,500 or more .....	153 743	37	153 743	34	147 686	3	71 338	31	76 348	3	6 057	...	...	...
1,000 or more .....	164 308	55	164 308	52	158 251	3	71 338	49	86 913	3	6 057	...	...	...
500 or more .....	181 887	108	181 887	103	175 409	3	71 338	100	104 071	5	6 478	...	...	...
200 or more .....	194 182	193	194 182	183	187 232	3	71 338	180	115 894	10	6 950	...	...	...
Not in place .....	<b>72 953</b>	...	...	...	...	...	...	...	...	...	...	...	...	<b>72 953</b>
<b>INSIDE METROPOLITAN AREA</b>														
Total .....	102 762	46	91 569	45	88 951	3	71 338	42	17 613	1	2 618	—	—	11 193
In place .....	<b>91 569</b>	<b>46</b>	<b>91 569</b>	<b>45</b>	<b>88 951</b>	<b>3</b>	<b>71 338</b>	<b>42</b>	<b>17 613</b>	<b>1</b>	<b>2 618</b>	—	—	...
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 .....	31 711	1	31 711	1	31 711	1	31 711	—	—	—	—	—	—	...
25,000 to 49,999 .....	39 627	2	39 627	2	39 627	2	39 627	—	—	—	—	—	—	...
10,000 to 24,999 .....	10 484	2	10 484	2	10 484	—	—	2	10 484	—	—	—	—	...
5,000 to 9,999 .....	2 618	1	2 618	—	—	...	...	—	—	1	2 618	...	...	...
2,500 to 4,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
2,000 to 2,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,500 to 1,999 .....	664	1	664	1	664	...	...	1	664	—	—	...	...	...
1,000 to 1,499 .....	1 503	3	1 503	3	1 503	...	...	3	1 503	—	—	...	...	...
500 to 999 .....	2 566	8	2 566	8	2 566	...	...	8	2 566	—	—	...	...	...
200 to 499 .....	1 913	15	1 913	15	1 913	...	...	15	1 913	—	—	...	...	...
Less than 200 .....	483	13	483	13	483	...	...	13	483	—	—	...	...	...



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 .....	178 695.2	376	1 494.8	366	1 147.0	3	177.6	363	969.3	10	347.9	—	—	177 200.4
In place .....	<b>1 494.8</b>	<b>376</b>	<b>1 494.8</b>	<b>366</b>	<b>1 147.0</b>	<b>3</b>	<b>177.6</b>	<b>363</b>	<b>969.3</b>	<b>10</b>	<b>347.9</b>	—	—	...
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 .....	77.2	1	77.2	1	77.2	1	77.2	—	—	—	—	—	—	...
25,000 to 49,999 .....	134.8	3	134.8	3	134.8	2	100.4	1	34.3	—	—	—	—	...
10,000 to 24,999 .....	116.8	5	116.8	5	116.8	—	—	5	116.8	—	—	—	—	...
5,000 to 9,999 .....	75.3	5	75.3	3	34.6	...	...	3	34.6	2	40.7	...	...	...
2,500 to 4,999 .....	24.8	5	24.8	5	24.8	...	...	5	24.8	—	—	...	...	...
2,000 to 2,499 .....	36.0	6	36.0	5	20.9	...	...	5	20.9	1	15.2	...	...	...
1,500 to 1,999 .....	40.3	12	40.3	12	40.3	...	...	12	40.3	—	—	...	...	...
1,000 to 1,499 .....	47.1	18	47.1	18	47.1	...	...	18	47.1	—	—	...	...	...
500 to 999 .....	363.3	53	363.3	51	119.3	...	...	51	119.3	2	244.0	...	...	...
200 to 499 .....	176.1	85	176.1	80	128.0	...	...	80	128.0	5	48.1	...	...	...
Less than 200 .....	403.2	183	403.2	183	403.2	...	...	183	403.2	—	—	...	...	...
<b>Cumulative summary:</b>														
Place of—														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
100,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
50,000 or more .....	77.2	1	77.2	1	77.2	1	77.2	—	—	—	—	—	—	...
25,000 or more .....	212.0	4	212.0	4	212.0	3	177.6	1	34.3	—	—	—	—	...
10,000 or more .....	328.7	9	328.7	9	328.7	3	177.6	6	151.1	—	—	—	—	...
5,000 or more .....	404.1	14	404.1	12	363.3	3	177.6	9	185.7	2	40.7	—	—	...
2,500 or more .....	428.9	19	428.9	17	388.2	3	177.6	14	210.5	2	40.7	—	—	...
2,000 or more .....	464.9	25	464.9	22	409.0	3	177.6	19	231.4	3	55.9	—	—	...
1,500 or more .....	505.2	37	505.2	34	449.3	3	177.6	31	271.7	3	55.9	—	—	...
1,000 or more .....	552.3	55	552.3	52	496.5	3	177.6	49	318.8	3	55.9	—	—	...
500 or more .....	915.6	108	915.6	103	615.8	3	177.6	100	438.2	5	299.8	—	—	...
200 or more .....	1 091.7	193	1 091.7	183	743.8	3	177.6	180	566.2	10	347.9	—	—	...
Not in place .....	<b>177 200.4</b>	...	...	...	...	...	...	...	...	...	...	...	...	<b>177 200.4</b>
<b>INSIDE METROPOLITAN AREA</b>														
Total .....	17 516.8	46	337.3	45	315.3	3	177.6	42	137.6	1	22.0	—	—	17 179.5
In place .....	<b>337.3</b>	<b>46</b>	<b>337.3</b>	<b>45</b>	<b>315.3</b>	<b>3</b>	<b>177.6</b>	<b>42</b>	<b>137.6</b>	<b>1</b>	<b>22.0</b>	—	—	...
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 .....	77.2	1	77.2	1	77.2	1	77.2	—	—	—	—	—	—	...
25,000 to 49,999 .....	100.4	2	100.4	2	100.4	2	100.4	—	—	—	—	—	—	...
10,000 to 24,999 .....	44.1	2	44.1	2	44.1	—	—	2	44.1	—	—	—	—	...
5,000 to 9,999 .....	22.0	1	22.0	—	—	...	...	—	—	1	22.0	...	...	...
2,500 to 4,999 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
2,000 to 2,499 .....	—	—	—	—	—	...	...	—	—	—	—	...	...	...
1,500 to 1,999 .....	2.9	1	2.9	1	2.9	...	...	1	2.9	—	—	...	...	...
1,000 to 1,499 .....	6.2	3	6.2	3	6.2	...	...	3	6.2	—	—	...	...	...
500 to 999 .....	27.6	8	27.6	8	27.6	...	...	8	27.6	—	—	...	...	...
200 to 499 .....	22.3	15	22.3	15	22.3	...	...	15	22.3	—	—	...	...	...
Less than 200 .....	34.4	13	34.4	13	34.4	...	...	13	34.4	—	—	...	...	...





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 .....	68 994.3	376	577.2	366	442.8	3	68.6	363	374.3	10	134.3	—	—	68 417.1
In place .....	<b>577.2</b>	<b>376</b>	<b>577.2</b>	<b>366</b>	<b>442.8</b>	<b>3</b>	<b>68.6</b>	<b>363</b>	<b>374.3</b>	<b>10</b>	<b>134.3</b>	—	—	...
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 .....	29.8	1	29.8	1	29.8	1	29.8	—	—	—	—	—	—	...
25,000 to 49,999 .....	52.0	3	52.0	3	52.0	2	38.8	1	13.3	—	—	—	—	...
10,000 to 24,999 .....	45.1	5	45.1	5	45.1	—	—	5	45.1	—	—	—	—	...
5,000 to 9,999 .....	29.1	5	29.1	3	13.4	—	—	3	13.4	2	15.7	—	—	...
2,500 to 4,999 .....	9.6	5	9.6	5	9.6	—	—	5	9.6	—	—	—	—	...
2,000 to 2,499 .....	13.9	6	13.9	5	8.1	—	—	5	8.1	1	5.9	—	—	...
1,500 to 1,999 .....	15.5	12	15.5	12	15.5	—	—	12	15.5	—	—	—	—	...
1,000 to 1,499 .....	18.2	18	18.2	18	18.2	—	—	18	18.2	—	—	—	—	...
500 to 999 .....	140.3	53	140.3	51	46.1	—	—	51	46.1	2	94.2	—	—	...
200 to 499 .....	68.0	85	68.0	80	49.4	—	—	80	49.4	5	18.6	—	—	...
Less than 200 .....	155.7	183	155.7	183	155.7	—	—	183	155.7	—	—	—	—	...
<b>Cumulative summary:</b>														
Place of—														
1,000,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
500,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
250,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
100,000 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
50,000 or more .....	29.8	1	29.8	1	29.8	1	29.8	—	—	—	—	—	—	...
25,000 or more .....	81.8	4	81.8	4	81.8	3	68.6	1	13.3	—	—	—	—	...
10,000 or more .....	126.9	9	126.9	9	126.9	3	68.6	6	58.3	—	—	—	—	...
5,000 or more .....	156.0	14	156.0	12	140.3	3	68.6	9	71.7	2	15.7	—	—	...
2,500 or more .....	165.6	19	165.6	17	149.9	3	68.6	14	81.3	2	15.7	—	—	...
2,000 or more .....	179.5	25	179.5	22	157.9	3	68.6	19	89.3	3	21.6	—	—	...
1,500 or more .....	195.1	37	195.1	34	173.5	3	68.6	31	104.9	3	21.6	—	—	...
1,000 or more .....	213.3	55	213.3	52	191.7	3	68.6	49	123.1	3	21.6	—	—	...
500 or more .....	353.5	108	353.5	103	237.8	3	68.6	100	169.2	5	115.8	—	—	...
200 or more .....	421.5	193	421.5	183	287.2	3	68.6	180	218.6	10	134.3	—	—	...
Not in place .....	68 417.1	...	...	...	...	...	...	...	...	...	...	...	...	68 417.1
<b>INSIDE METROPOLITAN AREA</b>														
Total .....	6 763.2	46	130.2	45	121.7	3	68.6	42	53.1	1	8.5	—	—	6 633.0
In place .....	<b>130.2</b>	<b>46</b>	<b>130.2</b>	<b>45</b>	<b>121.7</b>	<b>3</b>	<b>68.6</b>	<b>42</b>	<b>53.1</b>	<b>1</b>	<b>8.5</b>	—	—	...
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 .....	29.8	1	29.8	1	29.8	1	29.8	—	—	—	—	—	—	...
25,000 to 49,999 .....	38.8	2	38.8	2	38.8	2	38.8	—	—	—	—	—	—	...
10,000 to 24,999 .....	17.0	2	17.0	2	17.0	—	—	2	17.0	—	—	—	—	...
5,000 to 9,999 .....	8.5	1	8.5	—	—	—	—	—	—	1	8.5	—	—	...
2,500 to 4,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
2,000 to 2,499 .....	—	—	—	—	—	—	—	—	—	—	—	—	—	...
1,500 to 1,999 .....	1.1	1	1.1	1	1.1	—	—	1	1.1	—	—	—	—	...
1,000 to 1,499 .....	2.4	3	2.4	3	2.4	—	—	3	2.4	—	—	—	—	...
500 to 999 .....	10.7	8	10.7	8	10.7	—	—	8	10.7	—	—	—	—	...
200 to 499 .....	8.6	15	8.6	15	8.6	—	—	15	8.6	—	—	—	—	...
Less than 200 .....	13.3	13	13.3	13	13.3	—	—	13	13.3	—	—	—	—	...



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>Bismarck, ND MSA</b>														
The area .....	83 831	79 988	61 024	33 270	30 230	19 300	9 359.0	3 613.5	9 219.4	3 559.6	9.1	23.6	3.6	9.3
In central city .....	49 256	44 485	34 703	20 038	17 403	11 156	64.3	24.8	63.0	24.3	781.8	2 027.0	318.1	824.6
Bismarck city .....	49 256	44 485	34 703	20 038	17 403	11 156	64.3	24.8	63.0	24.3	781.8	2 027.0	318.1	824.6
Not in central city .....	34 575	35 503	26 321	13 232	12 827	8 144	9 294.7	3 588.7	9 156.3	3 535.3	3.8	9.8	1.4	3.7
Burleigh County .....	60 131	54 811	40 714	23 803	20 848	12 983	4 320.4	1 668.1	4 229.9	1 633.2	14.2	36.8	5.6	14.6
Morton County .....	23 700	25 177	20 310	9 467	9 382	6 317	5 038.6	1 945.4	4 989.4	1 926.4	4.8	12.3	1.9	4.9
<b>Fargo--Moorhead, ND--MN MSA (pt.)</b>														
The area .....	102 874	88 247	73 653	42 407	35 215	24 278	4 579.1	1 768.0	4 573.3	1 765.7	22.5	58.3	9.3	24.0
In central city .....	74 111	61 383	53 365	31 711	25 219	17 562	77.2	29.8	77.2	29.8	960.0	2 486.9	410.8	1 064.1
Fargo city .....	74 111	61 383	53 365	31 711	25 219	17 562	77.2	29.8	77.2	29.8	960.0	2 486.9	410.8	1 064.1
Not in central city .....	28 763	26 864	20 288	10 696	9 996	6 716	4 501.9	1 738.2	4 496.1	1 735.9	6.4	16.6	2.4	6.2
Cass County .....	102 874	88 247	73 653	42 407	35 215	24 278	4 579.1	1 768.0	4 573.3	1 765.7	22.5	58.3	9.3	24.0
<b>Grand Forks, ND MSA</b>														
The area .....	70 683	66 100	61 102	27 085	24 563	18 192	3 729.4	1 439.9	3 724.1	1 437.9	19.0	49.2	7.3	18.8
In central city .....	49 425	43 765	39 008	19 589	17 174	11 884	37.4	14.4	37.4	14.4	1 321.5	3 432.3	523.8	1 360.3
Grand Forks city .....	49 425	43 765	39 008	19 589	17 174	11 884	37.4	14.4	37.4	14.4	1 321.5	3 432.3	523.8	1 360.3
Not in central city .....	21 258	22 335	22 094	7 496	7 389	6 308	3 692.0	1 425.5	3 686.7	1 423.5	5.8	14.9	2.0	5.3
Grand Forks County .....	70 683	66 100	61 102	27 085	24 563	18 192	3 729.4	1 439.9	3 724.1	1 437.9	19.0	49.2	7.3	18.8



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	Place of 10,000 or more	Place of 2,500 to 9,999	In place of 1,000 to 2,499	In place of less than 1,000	Other rural
		Total	Total	In central place	Urban fringe	Total						
<b>HOUSING UNITS—Con.</b>												
Inside metropolitan area—Con.												
Less than 1,000,000—Con.												
100,000 to 249,999	42 407	36 291	36 291	31 711	4 580	—	—	—	6 116	664	2 190	3 262
In central city	31 711	31 711	31 711	31 711	—	—	—	—	—	—	—	—
Not in central city	10 696	4 580	4 580	—	4 580	—	—	—	6 116	664	2 190	3 262
Fargo—Moorhead, ND—MN MSA (pt.)	42 407	36 291	36 291	31 711	4 580	—	—	—	6 116	664	2 190	3 262
In central city	31 711	31 711	31 711	31 711	—	—	—	—	—	—	—	—
Not in central city	10 696	4 580	4 580	—	4 580	—	—	—	6 116	664	2 190	3 262
Less than 100,000	60 355	48 830	46 212	39 627	6 585	2 618	—	2 618	11 525	1 157	2 772	7 596
In central city	39 627	39 627	39 627	39 627	—	—	—	—	—	—	—	—
Not in central city	20 728	9 203	6 585	—	6 585	2 618	—	2 618	11 525	1 157	2 772	7 596
Bismarck, ND MSA	33 270	26 615	26 615	20 038	6 577	—	—	—	6 655	—	1 802	4 853
In central city	20 038	20 038	20 038	20 038	—	—	—	—	—	—	—	—
Not in central city	13 232	6 577	6 577	—	6 577	—	—	—	6 655	—	1 802	4 853
Grand Forks, ND MSA	27 085	22 215	19 597	19 589	8	2 618	—	2 618	4 870	1 157	970	2 743
In central city	19 589	19 589	19 589	19 589	—	—	—	—	—	—	—	—
Not in central city	7 496	2 626	8	—	8	2 618	—	2 618	4 870	1 157	970	2 743
Outside metropolitan area	173 578	54 261	—	—	—	54 261	34 701	19 560	119 317	23 440	34 117	61 760
<b>LAND AREA IN SQUARE KILOMETERS</b>												
The State	178 695.2	438.6	231.4	177.6	53.8	207.1	107.0	100.1	178 256.6	121.1	942.5	177 193.1
Inside metropolitan area	17 516.8	253.5	231.4	177.6	53.8	22.0	—	22.0	17 263.3	6.7	84.4	17 172.2
In central city	177.6	177.6	177.6	177.6	—	—	—	—	—	—	—	—
Not in central city	17 339.2	75.8	53.8	—	53.8	22.0	—	22.0	17 263.3	6.7	84.4	17 172.2
1,000,000 or more	—	—	—	—	—	—	—	—	—	—	—	—
In central city	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—
In central city	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city	—	—	—	—	—	—	—	—	—	—	—	—
Less than 1,000,000	17 516.8	253.5	231.4	177.6	53.8	22.0	—	22.0	17 263.3	6.7	84.4	17 172.2
In central city	177.6	177.6	177.6	177.6	—	—	—	—	—	—	—	—
Not in central city	17 339.2	75.8	53.8	—	53.8	22.0	—	22.0	17 263.3	6.7	84.4	17 172.2
500,000 to 999,999	—	—	—	—	—	—	—	—	—	—	—	—
In central city	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city	—	—	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999	—	—	—	—	—	—	—	—	—	—	—	—
In central city	—	—	—	—	—	—	—	—	—	—	—	—
Not in central city	—	—	—	—	—	—	—	—	—	—	—	—
100,000 to 249,999	4 573.3	99.3	99.3	77.2	22.1	—	—	—	4 474.0	2.9	52.5	4 418.6
In central city	77.2	77.2	77.2	77.2	—	—	—	—	—	—	—	—
Not in central city	4 496.1	22.1	22.1	—	22.1	—	—	—	4 474.0	2.9	52.5	4 418.6
Fargo—Moorhead, ND—MN MSA (pt.)	4 573.3	99.3	99.3	77.2	22.1	—	—	—	4 474.0	2.9	52.5	4 418.6
In central city	77.2	77.2	77.2	77.2	—	—	—	—	—	—	—	—
Not in central city	4 496.1	22.1	22.1	—	22.1	—	—	—	4 474.0	2.9	52.5	4 418.6
Less than 100,000	12 943.5	154.1	132.1	100.4	31.7	22.0	—	22.0	12 789.4	3.8	31.9	12 753.7
In central city	100.4	100.4	100.4	100.4	—	—	—	—	—	—	—	—
Not in central city	12 843.1	53.7	31.7	—	31.7	22.0	—	22.0	12 789.4	3.8	31.9	12 753.7
Bismarck, ND MSA	9 219.4	94.6	94.6	63.0	31.6	—	—	—	9 124.7	—	23.0	9 101.7
In central city	63.0	63.0	63.0	63.0	—	—	—	—	—	—	—	—
Not in central city	9 156.3	31.6	31.6	—	31.6	—	—	—	9 124.7	—	23.0	9 101.7
Grand Forks, ND MSA	3 724.1	59.5	37.5	37.4	.1	22.0	—	22.0	3 664.6	3.8	8.9	3 651.9
In central city	37.4	37.4	37.4	37.4	—	—	—	—	—	—	—	—
Not in central city	3 686.7	22.1	.1	—	.1	22.0	—	22.0	3 664.6	3.8	8.9	3 651.9
Outside metropolitan area	161 178.4	185.1	—	—	—	185.1	107.0	78.1	160 993.3	114.3	858.1	160 020.8
<b>LAND AREA IN SQUARE MILES</b>												
The State	68 994.3	169.3	89.4	68.6	20.8	80.0	41.3	38.7	68 825.0	46.7	363.9	68 414.3
Inside metropolitan area	6 763.2	97.9	89.4	68.6	20.8	8.5	—	8.5	6 665.4	2.6	32.6	6 630.2
In central city	68.6	68.6	68.6	68.6	—	—	—	—	—	—	—	—
Not in central city	6 694.7	29.3	20.8	—	20.8	8.5	—	8.5	6 665.4	2.6	32.6	6 630.2

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	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				
<b>LAND AREA IN SQUARE MILES—Con.</b>											
Inside metropolitan area—Con.											
1,000,000 or more -----	—	—	—	—	—	—	—	—	—	—	—
In central city -----	—	—	—	—	—	—	—	—	—	—	—
Not in central city -----	—	—	—	—	—	—	—	—	—	—	—
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 -----	—	—	—	—	—	—	—	—	—	—	—
In central city -----	—	—	—	—	—	—	—	—	—	—	—
Not in central city -----	—	—	—	—	—	—	—	—	—	—	—
Less than 1,000,000 -----	6 763.2	97.9	89.4	68.6	20.8	8.5	8.5	6 665.4	2.6	32.6	6 630.2
In central city -----	68.6	68.6	68.6	68.6	—	—	—	—	—	—	—
Not in central city -----	6 694.7	29.3	20.8	—	20.8	8.5	8.5	6 665.4	2.6	32.6	6 630.2
500,000 to 999,999 -----	—	—	—	—	—	—	—	—	—	—	—
In central city -----	—	—	—	—	—	—	—	—	—	—	—
Not in central city -----	—	—	—	—	—	—	—	—	—	—	—
250,000 to 499,999 -----	—	—	—	—	—	—	—	—	—	—	—
In central city -----	—	—	—	—	—	—	—	—	—	—	—
Not in central city -----	—	—	—	—	—	—	—	—	—	—	—
100,000 to 249,999 -----	1 765.7	38.3	38.3	29.8	8.5	—	—	1 727.4	1.1	20.3	1 706.0
In central city -----	29.8	29.8	29.8	29.8	—	—	—	—	—	—	—
Not in central city -----	1 735.9	8.5	8.5	—	8.5	—	—	1 727.4	1.1	20.3	1 706.0
Fargo-Moorhead, ND-MN MSA (pt.) -----	1 765.7	38.3	38.3	29.8	8.5	—	—	1 727.4	1.1	20.3	1 706.0
In central city -----	29.8	29.8	29.8	29.8	—	—	—	—	—	—	—
Not in central city -----	1 735.9	8.5	8.5	—	8.5	—	—	1 727.4	1.1	20.3	1 706.0
Less than 100,000 -----	4 997.5	59.5	51.0	38.8	12.2	8.5	8.5	4 938.0	1.5	12.3	4 924.2
In central city -----	38.8	38.8	38.8	38.8	—	—	—	—	—	—	—
Not in central city -----	4 958.7	20.7	12.2	—	12.2	8.5	8.5	4 938.0	1.5	12.3	4 924.2
Bismarck, ND MSA -----	3 559.6	36.5	36.5	24.3	12.2	—	—	3 523.1	—	8.9	3 514.2
In central city -----	24.3	24.3	24.3	24.3	—	—	—	—	—	—	—
Not in central city -----	3 535.3	12.2	12.2	—	12.2	—	—	3 523.1	—	8.9	3 514.2
Grand Forks, ND MSA -----	1 437.9	23.0	14.5	14.4	—	8.5	8.5	1 414.9	1.5	3.4	1 410.0
In central city -----	14.4	14.4	14.4	14.4	—	—	—	—	—	—	—
Not in central city -----	1 423.5	8.5	—	—	—	8.5	8.5	1 414.9	1.5	3.4	1 410.0
Outside metropolitan area -----	62 231.0	71.5	—	—	—	71.5	41.3	62 159.6	44.1	331.3	61 784.1

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>Bismarck, ND</b>												
The area .....	66 476	26 615	96.3	37.2	94.6	36.5	702.7	1 821.3	281.3	729.2		
In central place .....	49 256	20 038	64.3	24.8	63.0	24.3	781.8	2 027.0	318.1	824.6		
Bismarck city† .....	49 256	20 038	64.3	24.8	63.0	24.3	781.8	2 027.0	318.1	824.6		
Urban fringe .....	17 220	6 577	32.0	12.4	31.6	12.2	544.9	1 411.5	208.1	539.1		
Burleigh County (pt.)† .....	51 161	20 659	69.5	26.8	68.2	26.3	750.2	1 945.3	302.9	785.5		
Bismarck city† .....	49 256	20 038	64.3	24.8	63.0	24.3	781.8	2 027.0	318.1	824.6		
Bismarck unorg. (pt.) .....	235	60	1.4	.5	1.4	.5	167.9	470.0	42.9	120.0		
Hay Creek township (pt.) .....	538	215	1.4	.5	1.4	.5	384.3	1 076.0	153.6	430.0		
Lincoln city† .....	1 132	346	2.4	.9	2.4	.9	471.7	1 257.8	144.2	384.4		
Morton County (pt.)† .....	15 315	5 956	26.9	10.4	26.5	10.2	577.9	1 501.5	224.8	583.9		
Captain's Landing township (pt.)† .....	138	46	.8	.3	.6	.2	230.0	690.0	76.7	230.0		
Mandan unorg. (pt.) .....	—	—	.1	—	.1	—	—	—	—	—		
Mandan city† .....	15 177	5 910	26.0	10.0	25.8	10.0	588.3	1 517.7	229.1	591.0		
<b>Fargo--Moorhead, ND--MN (pt.)</b>												
The area .....	86 413	36 291	99.3	38.3	99.3	38.3	870.2	2 256.2	365.5	947.5		
In central place .....	74 111	31 711	77.2	29.8	77.2	29.8	960.0	2 486.9	410.8	1 064.1		
Fargo city† .....	74 111	31 711	77.2	29.8	77.2	29.8	960.0	2 486.9	410.8	1 064.1		
Urban fringe .....	12 302	4 580	22.1	8.5	22.1	8.5	556.7	1 447.3	207.2	538.8		
Cass County (pt.)† .....	86 413	36 291	99.3	38.3	99.3	38.3	870.2	2 256.2	365.5	947.5		
Barnes township (pt.) .....	—	—	.4	.1	.4	.1	—	—	—	—		
Fargo city† .....	74 111	31 711	77.2	29.8	77.2	29.8	960.0	2 486.9	410.8	1 064.1		
Reed township (pt.) .....	15	6	3.4	1.3	3.4	1.3	4.4	11.5	1.8	4.6		
West Fargo city† .....	12 287	4 574	18.3	7.1	18.3	7.1	671.4	1 730.6	249.9	644.2		
<b>Grand Forks, ND--MN (pt.)</b>												
The area .....	49 445	19 597	37.5	14.5	37.5	14.5	1 318.5	3 410.0	522.6	1 351.5		
In central place .....	49 425	19 589	37.4	14.4	37.4	14.4	1 321.5	3 432.3	523.8	1 360.3		
Grand Forks city† .....	49 425	19 589	37.4	14.4	37.4	14.4	1 321.5	3 432.3	523.8	1 360.3		
Urban fringe .....	20	8	.1	—	.1	—	200.0	—	80.0	—		
Grand Forks County (pt.)† .....	49 445	19 597	37.5	14.5	37.5	14.5	1 318.5	3 410.0	522.6	1 351.5		
Grand Forks city† .....	49 425	19 589	37.4	14.4	37.4	14.4	1 321.5	3 432.3	523.8	1 360.3		
Grand Forks township (pt.) .....	20	8	.1	—	.1	—	200.0	—	80.0	—		



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					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 -----	202 334	172 792	29 542	-	27 464	-	1 132	946	257 388	172 792	84 596	381 412
Inside urbanized area -----	202 334	172 792	29 542	-	27 464	-	1 132	946	202 334	172 792	29 542	-
1,000,000 or more -----	-	-	-	-	-	-	-	-	-	-	-	-
5,000,000 or more -----	-	-	-	-	-	-	-	-	-	-	-	-
2,500,000 to 4,999,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000 to 2,499,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
Less than 1,000,000 -----	202 334	172 792	29 542	-	27 464	-	1 132	946	202 334	172 792	29 542	-
500,000 to 999,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
250,000 to 499,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
100,000 to 249,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
Fargo-Moorhead, ND-MN (pt.) -----	86 413	74 111	12 302	-	12 287	-	-	15	86 413	74 111	12 302	-
Less than 100,000 -----	86 413	74 111	12 302	-	12 287	-	-	15	86 413	74 111	12 302	-
115 921 -----	115 921	98 681	17 240	-	15 177	-	1 132	931	115 921	98 681	17 240	-
Bismarck, ND -----	66 476	49 256	17 220	-	15 177	-	1 132	911	66 476	49 256	17 220	-
Grand Forks, ND-MN (pt.) -----	49 445	49 425	20	-	-	-	-	20	49 445	49 425	20	-
Outside urbanized area -----	...	...	...	...	...	...	...	...	55 054	-	55 054	381 412
<b>HOUSING UNITS</b>												
The State -----	82 503	71 338	11 165	-	10 484	-	346	335	102 762	71 338	31 424	173 578
Inside urbanized area -----	82 503	71 338	11 165	-	10 484	-	346	335	82 503	71 338	11 165	-
1,000,000 or more -----	-	-	-	-	-	-	-	-	-	-	-	-
5,000,000 or more -----	-	-	-	-	-	-	-	-	-	-	-	-
2,500,000 to 4,999,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000 to 2,499,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
Less than 1,000,000 -----	82 503	71 338	11 165	-	10 484	-	346	335	82 503	71 338	11 165	-
500,000 to 999,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
250,000 to 499,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
100,000 to 249,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
Fargo-Moorhead, ND-MN (pt.) -----	36 291	31 711	4 580	-	4 574	-	-	6	36 291	31 711	4 580	-
Less than 100,000 -----	36 291	31 711	4 580	-	4 574	-	-	6	36 291	31 711	4 580	-
46 212 -----	46 212	39 627	6 585	-	5 910	-	346	329	46 212	39 627	6 585	-
Bismarck, ND -----	26 615	20 038	6 577	-	5 910	-	346	321	26 615	20 038	6 577	-
Grand Forks, ND-MN (pt.) -----	19 597	19 589	8	-	-	-	-	8	19 597	19 589	8	-
Outside urbanized area -----	...	...	...	...	...	...	...	...	20 259	-	20 259	173 578
<b>LAND AREA IN SQUARE KILOMETERS</b>												
The State -----	231.4	177.6	53.8	-	44.1	-	2.4	7.3	17 516.8	177.6	17 339.2	161 178.4
Inside urbanized area -----	231.4	177.6	53.8	-	44.1	-	2.4	7.3	231.4	177.6	53.8	-
1,000,000 or more -----	-	-	-	-	-	-	-	-	-	-	-	-
5,000,000 or more -----	-	-	-	-	-	-	-	-	-	-	-	-
2,500,000 to 4,999,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000 to 2,499,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
Less than 1,000,000 -----	231.4	177.6	53.8	-	44.1	-	2.4	7.3	231.4	177.6	53.8	-
500,000 to 999,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
250,000 to 499,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
100,000 to 249,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
Fargo-Moorhead, ND-MN (pt.) -----	99.3	77.2	22.1	-	18.3	-	-	3.8	99.3	77.2	22.1	-
Less than 100,000 -----	99.3	77.2	22.1	-	18.3	-	-	3.8	99.3	77.2	22.1	-
132.1 -----	132.1	100.4	31.7	-	25.8	-	2.4	3.5	132.1	100.4	31.7	-
Bismarck, ND -----	94.6	63.0	31.6	-	25.8	-	2.4	3.4	94.6	63.0	31.6	-
Grand Forks, ND-MN (pt.) -----	37.5	37.4	.1	-	-	-	-	.1	37.5	37.4	.1	-
Outside urbanized area -----	...	...	...	...	...	...	...	...	17 285.4	-	17 285.4	161 178.4
<b>LAND AREA IN SQUARE MILES</b>												
The State -----	89.4	68.6	20.8	-	17.0	-	.9	2.8	6 763.2	68.6	6 694.7	62 231.0
Inside urbanized area -----	89.4	68.6	20.8	-	17.0	-	.9	2.8	89.4	68.6	20.8	-
1,000,000 or more -----	-	-	-	-	-	-	-	-	-	-	-	-
5,000,000 or more -----	-	-	-	-	-	-	-	-	-	-	-	-
2,500,000 to 4,999,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000 to 2,499,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
Less than 1,000,000 -----	89.4	68.6	20.8	-	17.0	-	.9	2.8	89.4	68.6	20.8	-
500,000 to 999,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
250,000 to 499,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
100,000 to 249,999 -----	-	-	-	-	-	-	-	-	-	-	-	-
Fargo-Moorhead, ND-MN (pt.) -----	38.3	29.8	8.5	-	7.1	-	-	1.5	38.3	29.8	8.5	-
Less than 100,000 -----	38.3	29.8	8.5	-	7.1	-	-	1.5	38.3	29.8	8.5	-
51.0 -----	51.0	38.8	12.2	-	10.0	-	.9	1.4	51.0	38.8	12.2	-
Bismarck, ND -----	36.5	24.3	12.2	-	10.0	-	.9	1.3	36.5	24.3	12.2	-
Grand Forks, ND-MN (pt.) -----	14.5	14.4	-	-	-	-	-	-	14.5	14.4	-	-
Outside urbanized area -----	...	...	...	...	...	...	...	...	6 673.9	-	6 673.9	62 231.0

# 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

### CONTENTS

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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

### CONTENTS

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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.

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<b>Example</b>	<b>2</b>
<b>Your</b> answers are confidential	<b>2</b>
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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
<input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0	<input type="checkbox"/> 1 <input type="checkbox"/> 8 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0	<input type="checkbox"/> 0 <input type="checkbox"/> 0 <input checked="" type="checkbox"/> 0 <input type="checkbox"/> 0	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 8 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0
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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 →	
<b>3. Sex</b> Fill ONE circle for each person.	<input type="radio"/> Male <input type="radio"/> Female		<input type="radio"/> Male <input type="radio"/> 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="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 <u>Asian or Pacific Islander (API)</u> <input type="radio"/> Chinese <input type="radio"/> Japanese <input type="radio"/> Filipino <input checked="" 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) →		<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 <u>Asian or Pacific Islander (API)</u> <input type="radio"/> Chinese <input type="radio"/> Japanese <input type="radio"/> Filipino <input checked="" 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) →	
<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="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/>	b. Year of birth 1 <input checked="" type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 9 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> <input checked="" type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/>	a. Age 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/>	b. Year of birth 1 <input checked="" type="radio"/> 8 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 9 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> <input checked="" type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9 <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="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Am., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="radio"/> <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.) →		<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.) →	
<b>FOR CENSUS USE</b> →	<input type="radio"/> <input type="radio"/>		<input type="radio"/> <input type="radio"/>	

PERSON 7	
Last name	
First name	Middle initial
If a RELATIVE of Person 1: <input type="checkbox"/> Husband/wife <input type="checkbox"/> Brother/sister <input type="checkbox"/> Natural-born or adopted son/daughter <input type="checkbox"/> Father/mother <input type="checkbox"/> Grandchild <input type="checkbox"/> Stepson/stepdaughter <input type="checkbox"/> Other relative	
If NOT RELATED 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	
<input type="checkbox"/> Male <input type="checkbox"/> Female	
<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 <input type="checkbox"/> Asian or Pacific Islander (API) <input type="checkbox"/> Chinese <input type="checkbox"/> Japanese <input type="checkbox"/> Filipino <input 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)	
a. Age	b. Year of birth
0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	1 8 0 0 9 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9
<input type="checkbox"/> Now married <input type="checkbox"/> Separated <input type="checkbox"/> Widowed <input type="checkbox"/> Never married <input type="checkbox"/> Divorced	
<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.)	

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     4 rooms     7 rooms  
 2 rooms     5 rooms     8 rooms  
 3 rooms     6 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     \$70,000 to \$74,999  
 \$10,000 to \$14,999     \$75,000 to \$79,999  
 \$15,000 to \$19,999     \$80,000 to \$89,999  
 \$20,000 to \$24,999     \$90,000 to \$99,999  
 \$25,000 to \$29,999     \$100,000 to \$124,999  
 \$30,000 to \$34,999     \$125,000 to \$149,999  
 \$35,000 to \$39,999     \$150,000 to \$174,999  
 \$40,000 to \$44,999     \$175,000 to \$199,999  
 \$45,000 to \$49,999     \$200,000 to \$249,999  
 \$50,000 to \$54,999     \$250,000 to \$299,999  
 \$55,000 to \$59,999     \$300,000 to \$399,999  
 \$60,000 to \$64,999     \$400,000 to \$499,999  
 \$65,000 to \$69,999     \$500,000 or more

Answer only if you PAY RENT for this house or apartment —  
**H7a.** What is the monthly rent?  
 Less than \$80     \$375 to \$399  
 \$80 to \$99     \$400 to \$424  
 \$100 to \$124     \$425 to \$449  
 \$125 to \$149     \$450 to \$474  
 \$150 to \$174     \$475 to \$499  
 \$175 to \$199     \$500 to \$524  
 \$200 to \$224     \$525 to \$549  
 \$225 to \$249     \$550 to \$599  
 \$250 to \$274     \$600 to \$649  
 \$275 to \$299     \$650 to \$699  
 \$300 to \$324     \$700 to \$749  
 \$325 to \$349     \$750 to \$999  
 \$350 to \$374     \$1,000 or more

**b.** Does the monthly rent include any meals?  
 Yes     No

FOR CENSUS USE

A. Total persons	B. Type of unit		D. Months vacant	G. DO	ID
	Occupied	Vacant			
	<input type="checkbox"/> First form	<input type="checkbox"/> Regular	<input type="checkbox"/> Less than 1		
	<input type="checkbox"/> Cont'n	<input type="checkbox"/> Usual home elsewhere	<input type="checkbox"/> 1 up to 2		
	C1. Vacancy status		<input type="checkbox"/> 2 up to 6		
	<input type="checkbox"/> For rent	<input type="checkbox"/> For seas/rec/occ	<input type="checkbox"/> 12 up to 24		
	<input type="checkbox"/> For sale only	<input type="checkbox"/> For migrant workers	<input type="checkbox"/> 24 or more		
	<input type="checkbox"/> Rented or sold, not occupied	<input type="checkbox"/> Other vacant	E. Complete after		
	C2. Is this unit boarded up?		<input type="checkbox"/> LR		
	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> TC		
			<input type="checkbox"/> QA		
			<input type="checkbox"/> JIC 1		
			<input type="checkbox"/> P/F		
			<input type="checkbox"/> RE		
			<input type="checkbox"/> I/T		
			<input type="checkbox"/> MV		
			<input type="checkbox"/> ED		
			<input type="checkbox"/> EN		
			<input type="checkbox"/> P0		
			<input type="checkbox"/> P3		
			<input type="checkbox"/> P6		
			<input type="checkbox"/> JIC 2		
			<input type="checkbox"/> P1		
			<input type="checkbox"/> P4		
			<input type="checkbox"/> IA		
			<input type="checkbox"/> P2		
			<input type="checkbox"/> P5		
			<input type="checkbox"/> SM		
			F. Cov.		
			<input type="checkbox"/> 1b		
			<input type="checkbox"/> 1a		
			<input type="checkbox"/> 7		
			<input type="checkbox"/> 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
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Reference Materials .....	F-4
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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. 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.

**Census Information Center (CIC)—**The CIC program provides data-related services for nationally based nonprofit organizations that represent minorities or other segments of the population who have been historically undercounted in decennial censuses. The participants include social service, business, professional, civil rights, educational, and religious groups. Through the project, five nonprofit groups now offer their clientele reports, computer tape printouts, and other information from the Census Bureau. To learn more about the program, write to the Census Information Center Branch, Data User Services Division, Bureau of the Census, Washington, DC 20233, or call 301-763-1384.

**National Clearinghouse—**The National Clearinghouse for Census Data Services is a listing of private companies and other organizations that offer assistance in obtaining and

using data released by the Census Bureau. For a list of participants in the National Clearinghouse, see the *Census Catalog and Guide* or contact Customer Services.

**Depository Libraries—**There are 1,400 libraries that receive (from the Government Printing Office) Federal publications that they think their patrons will need. Often some of these publications are Census Bureau reports. The Census Bureau provides free reports to an additional 120 census depository libraries. Also, many libraries purchase census reports and maps for their areas. The *Census Catalog and Guide* includes a list of all depository libraries.

**OTHER CENSUS BUREAU RESOURCES**

The Census Bureau has more to offer than just the results of the census of population and housing. Through other censuses, surveys, and estimates programs, it compiles and issues (in reports, computer tape, and other media) data on subjects as diverse as appliance sales, neighborhood conditions, and exports to other countries. Here are examples of the information published about—

- *People:* Age, race, sex, income, poverty, child care, child support, fertility, noncash benefits, education, commuting habits, pension coverage, unemployment, ancestry.
- *Business and industry:* Number of employees, total payroll, sales and receipts, products manufactured or sold.
- *Housing and construction:* Value of new construction, numbers of owners and renters, property value or rent paid, housing starts, fuels used, mortgage costs.
- *Farms:* Number, acreage, livestock, crop sales.
- *Governments:* Revenues and expenditures, taxes, employment, pension funds.
- *Foreign trade:* Exports and imports, origin and destination, units shipped.
- *Other nations:* Population, birth rates, death rates, literacy, fertility.

The other censuses, such as agriculture, retail trade, manufactures, and governments, are collected for years ending in "2" and "7." Surveys and estimates programs generate results as often as every month.

Many of the monthly "economic indicators" that measure how the Nation is doing come directly or indirectly from the Census Bureau. Examples: employment and unemployment; housing starts; wholesale and retail trade; manufacturers' shipments, inventories, and orders; export and import trade; and sales of single-family homes.

The other statistical activities of the Census Bureau are described below. Data users will find more information about them and descriptions of their data products in the

annual *Census Catalog and Guide*. Also, special guides and brochures are prepared for most of them. Contact the Census Bureau's Customer Services for more information.

### Current Demographic and Housing Programs

Two types of current programs complement the 10-year census: population estimates and surveys. The total population of the United States is estimated monthly; the population of States, counties, and metropolitan areas is estimated annually; and the population of places and other governmental units is estimated every 2 years. Projections of future population are made at the national and State levels.

The Census Bureau's many household surveys update population and housing characteristics at the national level and sometimes for States and metropolitan areas, as well. These surveys also obtain many characteristics not included in the 10-year census. The Current Population Survey is taken monthly; the American Housing Survey national sample is taken biennially; the American Housing Survey metropolitan sample is taken in 44 areas, 11 per year in a 4-year cycle; most other surveys are annual or less frequent.

### Economic Censuses and Surveys

The economic censuses provide statistics about business establishments once every 5 years, covering years ending in "2" and "7." The 1987 Economic Censuses include the censuses of retail trade, wholesale trade, service industries, transportation, manufactures, mineral industries, and construction industries. Also included are related programs, such as statistics on minority- and women-owned businesses, enterprise statistics, and censuses of economic activity in Puerto Rico and some of the outlying areas under U.S. jurisdiction.

Several key statistics are tabulated for all industries covered in the censuses. They are number of establishments, number of employees, payroll, and measure of output (sales or receipts, and value of shipments or of work done). Other items vary from sector to sector.

The Census Bureau also has programs that provide current statistics on such measures as total sales of particular kinds of businesses or production of particular products. These programs include monthly, quarterly, and annual surveys, the results of which appear in publication series such as *Current Business Reports* and *Current Industrial Reports*. The County Business Patterns program offers annual statistics based on data compiled primarily from administrative records.

### Agriculture Census and Surveys

The agriculture census is conducted concurrently with the economic censuses. It is the only source of uniform agriculture data at the county level. It provides data on such subjects as the number and size of farms; land use and ownership; livestock, poultry, and crops; and value of products sold.

Results of three surveys—the 1988 Farm and Ranch Irrigation Survey, 1988 Census of Horticulture Specialties, and 1988 Agricultural Economics and Land Ownership Survey—are published in conjunction with the 1987 Census of Agriculture. Also, the Census Bureau regularly issues reports from a survey on cotton ginnings.

### Governments Census and Surveys

The census of governments, also for years ending in "2" and "7," covers all types of governments: Federal, State, county, municipal (place), township (county subdivision), school district, and special district. It provides data on such subjects as number of public employees, payrolls, revenue, and expenditures.

Annual and quarterly surveys cover the same principal subjects but generate data only for States and the largest local governments.

### Foreign Trade Statistics

Monthly U.S. merchandise trade data compiled by the Census Bureau summarize export and import transactions and are based on the official documents filed by shippers and receivers. These figures reflect the flow of merchandise but not intangibles like services and financial commitments. The trade figures trace commodity movements out of and into the U.S. Customs jurisdiction, which includes Puerto Rico and the U.S. Virgin Islands as well as the 50 States and the District of Columbia. Data are published separately on trade between the United States and Puerto Rico, the U.S. Virgin Islands, and other U.S. 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**

---

**100-PERCENT COMPONENT**

**Population**

Household relationship  
 Sex  
 Race  
 Age  
 Marital status  
 Hispanic origin

**Housing**

Number of units in structure  
 Number of rooms in unit  
 Tenure—owned or rented  
 Value of home or monthly rent  
 Congregate housing (meals included in rent)  
 Vacancy characteristics

---

**SAMPLE COMPONENT**

**Population**

*Social characteristics:*  
 Education—enrollment and attainment  
 Place of birth, citizenship, and year of entry into U.S.  
 Ancestry  
 Language spoken at home  
 Migration (residence in 1985)  
 Disability  
 Fertility  
 Veteran status

*Economic characteristics:*  
 Labor force  
 Occupation, industry, and class of worker  
 Place of work and journey to work  
 Work experience in 1989  
 Income in 1989  
 Year last worked

**Housing**

Year moved into residence  
 Number of bedrooms  
 Plumbing and kitchen facilities  
 Telephone in unit  
 Vehicles available  
 Heating fuel  
 Source of water and method of sewage disposal  
 Year structure built  
 Condominium status  
 Farm residence  
 Shelter costs, including utilities

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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.