Geography

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INTRODUCTION

Without geographic preparation, not a single census or survey could be taken. Among its many geographic activities, the Census Bureau prepares maps used for data collection and analysis, conducts surveys of governmental unit boundary changes, determines statistical area boundaries, and develops and maintains automated geographic reference files. It has automated the geoprocessing and geocoding systems to assign housing units and economic establishments to the correct geographic locations and to classify these geographic locations within the proper tabulation areas.

In a joint effort by the Census Bureau and the U.S. Geological Survey, a digital (computer readable) map data base was developed and operational for the 1990 Census of Population and Housing. Known as the TIGER (Topologically Integrated Geographic Encoding and Referencing) data base, it contains not only an automated description of the physical and boundary features of the entire United States and its territories, but the relationships among the features and the tabulation areas. As a result, the mapping and related geographic activities required to support a census or survey are now entirely integrated and automated.

In order to keep abreast of the constantly changing boundaries of legal geographic entities (cities, townships, counties, and the like), the Bureau annually carries out surveys of Federal, State, and local governmental agencies. The Bureau uses maps to delineate and display various statistical areas, such as urbanized areas, census tracts, and census designated places, often with help from interested governmental bodies and committees representing local data users.

Data from the Bureau's censuses are tabulated for the various areas (for example, population and housing data for census tracts). However, the Census Bureau maps and files (such as the TIGER data base) provide geographic, not statistical information.

A Manual of Federal Geographic Data Products prepared by the Federal Geographic Data Committee describes over 150 data products submitted by 42 Federal agencies. Agencies were asked that the products be national in scope and commonly distributed to the public. The 700-page Manual includes maps, digital data, aerial photography and multispectral imagery, earth science, and other geographically-referenced data sets. For more information, contact the Federal Geographic Data Committee Secretariat at the U.S. Geological Survey, 590 National Center, Reston, VA 22092; 703-648-4533.

Data users with an interest in metropolitan areas may wish to refer to *Revised Definitions for Metropolitan Areas, 1994,* issued by the Office of Management and Budget in its *OMB Bulletin PB94-165-628.* $23.50, papercopy; $90, diskette PB94-501-707. It is available from the National Technical Information Service, Document Sales, 5205 Port Royal Road, Springfield, VA 22161; 703-487-4650. Definitions are also available online (see page 2).

The Census Bureau's geographic activities result in maps, publications, computer files, and other products helpful to the data user.

Geographic materials (including maps) for the 1990 Census of Population and Housing are listed in the 1990 Census chapter.

For more recent references to geographic products, see the following section, entitled Data Products Issued October-December 1995. Listings of subsequent releases appear in the *Monthly Product Announcement* and the *Daily List* (see abstracts numbered 44 and 15.5, respectively.)

Obsolete data files are available from the National Archives 301-713-6645.

NOTE—The number above the abstracts makes the indexes easier to use. It should not be used for ordering products.

DATA PRODUCTS ISSUED OCTOBER-DECEMBER 1995

No data products were issued during the last quarter of 1995.

REPORTS AND REFERENCE FILES

(601)

Area Measurement Information in the 1990 Census Data Products

Subject content—Describes how area measurement information for 1990 geographic entities differ from the identification and presentation of these data for previous decennial censuses. Among the changes in 1990 are area measurement figures for every geographic entity (including areas as varied as States, counties, and census tracts) and all bodies of water. Previous censuses had minimum population requirements for the measurement of area data and included measurements only for inland water.

3 pp. 1992. Single copies free upon request.

Available from Geography Division, Bureau of the Census, Washington, DC 20233-7400. Telephone 301-457-1099.

New! (602)

City Reference File: 1992

Subject content—Presents a listing of post office names, State abbreviations, and five-digit ZIP Codes, with their associated State, metropolitan area (MA); county, minor civil division (MCD), and place codes as of January 1, 1992 (June 30, 1993, for MA's). It also contains spelling variations of post office names.

This file provides the data base needed for assigning census geographic codes (State, MA, county, and place) to records containing ZIP Code, post office name, and State abbreviation.

Reference materials—City Reference File, 1992 Technical Documentation contains descriptive information about the file, a record description, and a sample listing of the file. One free copy accompanies each file order. When ordered separately, it is available for $10 from Customer Services.

Computer tape. Released 1993. $175. Two diskettes. Released 1995. $72. Order from Customer Services. See Ordering Products section.

(602.3)

Congressional District Atlas, 103rd Congress of the United States

Geographic areas covered—States, the District of Columbia, American Samoa, Guam, Puerto Rico, and the Virgin Islands of the United States; the congressional districts for the 103rd Congress of the United States; counties and statistically equivalent areas; governmentally functioning county subdivisions; places (including census designated places that appear in the data tabulations from the 1990 census); and American Indian reservations.

Subject content—Presents maps showing the boundaries of the congressional districts of the 103rd Congress of the United States. The Atlas also includes listings for each multi-congressional district State identifying the congressional district(s) in which each county and statistically equivalent area, governmentally functioning county subdivision, place, and American Indian reservation is located.

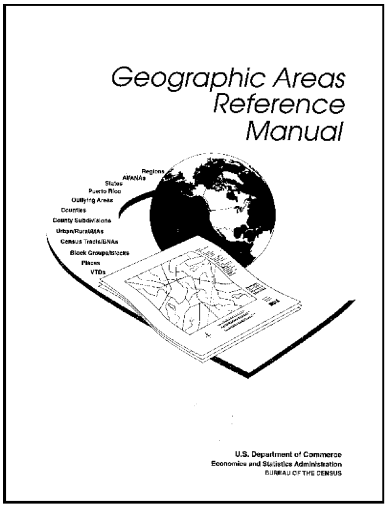
The number and type of maps included vary with the complexity of the congressional districts for each State. All States and statistically equivalent entities have a State map that displays the boundaries and names of each county and statistically equivalent area, and the boundaries and numbers of the district of the 103rd Congress. Where a county is in more than one congressional district, the Atlas contains one or more maps with greater detail for that county. These maps—referred to as inset maps—are uniquely designed for each county (including map scale) based on the complexity of the congressional district boundaries and the number of feature names required to label these boundaries.

Each State that has more than one congressional district has entity tables that show the relationship between the geographic entities and the congressional districts. Table 1 lists incorporated places and census designated places, arranged alphabetically, showing the county(ies) and the congressional district(s) in which each place is located. Table 1A appears only for the 17 States that have functioning county subdivisions. It lists county subdivisions, arranged alphabetically, showing the county and congressional district(s) in which each county subdivision is located. Table 2 lists counties, arranged alphabetically, showing the congressional district(s) in which each county is located. Table 3 lists congressional districts, arranged in numerical order, showing in alphabetical order, the county(ies) entirely or partially within each district. Table 4 lists American Indian reservations, arranged alphabetically, showing the congressional district(s) in which each American Indian reservation is located. For American Indian reservations that are located in more than one State, the table reflects only the relationship within that particular State. If a State does not have American Indian reservations, this table does not appear.

This edition is the 12th in the series; the first was issued in 1960 and presented the boundaries for the 86th Congress. Other editions have come out periodically to reflect boundary changes.

NOTE—See also abstract number 649.

Volume 1, 632 pp. Volume 2, 640 pp. 1993. $42 per set. Contact Customer Services for the latest ordering information.



New! (603)

Geographic Areas Reference Manual

Subject content—Provides information about the basic geographic entities the Census Bureau uses in its various data tabulations and describes the purposes, definitions, standards, criteria, and the procedures used to select, define, delineate, and revise these geographic entities.

The report covers legal entities (for example, United States, States, counties, and incorporated places), statistical entities (for example, regions and divisions of the United States, census county divisions, and census designated places), and administrative entities (for example, Traffic Analysis Zones and ZIP Codes). For each entity the report contains a description which often includes the background, associated geographic codes, relationship to other entities, and the entity's use in the 1990 census.

The report also contains the criteria underlying urban and rural classification; describes the classification, definition, and

naming of metropolitan areas by the Office of Management and Budget; and outlines area measurement and water classification procedures.

In addition, the report describes the role of the Census Statistical Area Committees in reviewing small area statistical geography and in assisting the Census Bureau to make the geography more useful.

An extensive glossary is included.

398 pp. 1994. $55 (includes $3 handling fee).

Available from National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161; 703-487-4650. Cite Order No.PB95-216008.

New! (604)

LandView II™ on CD-ROM

Subject content—Contains geographic information from the *TIGER/Line ™ Files, 1992* (see abstract number 632) and demographic and economic information collected by the Census Bureau, as well as data collected by the Environmental Protection Agency (EPA) on EPA-regulated pollution sites.

LandView II™ provides the boundaries for geographic entities such as States, congressional districts of the 103rd Congress, metropolitan areas (MA's), counties, minor civil divisions (MCD's) in the New England States, census tracts/block numbering areas (BNA's), and block groups (BG's). LandView II™ also provides centroids (i.e., center points) for BG's and five-digit ZIP Codes. In addition, the file shows the location of a variety of manmade and natural objects such as streets (with address ranges), railroads, rivers, and bodies of water.

The file also displays the location of pollution sites regulated by the Environmental Protection Agency, based on data collected in 1991, that are related to air quality, wastewater, hazardous waste, and toxic waste.

The file contains selected information from the 1990 census summary tape files (STF's) 1A and 3A, such as number of persons, age, race, Hispanic origin, families, households, income, and tenure (i.e., housing owned or rented). This information may be displayed for specified geographic areas. In addition to the subjects listed above, LandView II™ contains the following information for counties: number of persons in 1960, 1970, 1980, 1990, and 1992; household size; school enrollment; educational attainment; number of housing units; occupied housing units; value, labor force; employment; unemployment; paid employees; payroll; nonfarm, retail, and service establishments; farms; and per capita federal expenditures.

Some of the data contained on LandView II™ are presented in terms of percentage, such as the percent of persons 65 years of age and over, and can be displayed in a color-coded fashion for a specified geographic entity. Also, a point on a displayed map may be selected and a circle around that point can be displayed with a specified radius.

LandView II™ may also be used in conjunction with a separate STF 3A data file, which contains data for both 100-percent and sample subjects in the 1990 census. The data from STF 3A, as well as for STF 1A, may be shown in tabular format for all of the geographic entities displayed on LandView II™.

Reference materials—Technical documentation is included on each disc.

11 compact discs (CD-ROM's). Released 1995. $795 for a complete set, or $95 for each disc when ordered separately. Order from Customer Services. See Ordering Products section.

1. Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont. (Note: Delaware, District of Columbia, and Maryland are also included on No. 2.).

2. Delaware, District of Columbia, Maryland, North Carolina, South Carolina, Tennessee, Virginia, West Virginia. (Note: Delaware, District of Columbia, and Maryland are also included on No. 1.).

3. Alabama, Florida, Georgia, Mississippi.

4. Illinois, Indiana, Kentucky, Michigan, Ohio.

5. Iowa, Minnesota, North Dakota, South Dakota, Wisconsin.

6. Arkansas, Kansas, Missouri, Oklahoma.

7. Louisiana and Texas.

8. Arizona, Colorado, Nebraska, New Mexico, Utah.

9. Idaho, Montana, Oregon, Washington, Wyoming.

10. Alaska, California, Hawaii, Nevada; American Samoa, Guam, Northern Mariana Islands, Palau, Puerto Rico, U.S. Virgin Islands.

11. Contains all geographic entities and information included on numbers 1 to 10, except for TIGER/Line™ files (e.g., roads, rivers, railroads). However, No. 11 does include TIGER/Line™ files for the 12 largest MA's: Atlanta, GA; Boston-Worcester-Lawrence-Lowell-Brocton, MA-NH; Chicago, IL; Dallas, TX; Detroit, MI; Houston, TX; Los Angeles-Long Beach, CA; Nassau-Suffolk, NY; New York, NY; Philadelphia, PA-NJ; Riverside-San Bernadino, CA; and Washington, DC-MD-VA.

(605)

Maps and More: Your Guide to Census Bureau Geography

Subject content—Describes, concisely, the geographic dimension of Census Bureau information. This tabloid-style booklet provides definitions of the geographic entities (counties, cities, census tracts, for example) used by the Census Bureau, shows their hierarchial relationships, and describes how boundaries are established. The 1990 Census Tract/BNA Outline Map and the maps that make up the 1990 County Block Map series are illustrated. The booklet also explains the other types of maps developed for the 1990 census, provides a brief description of the TIGER geographic data base system, and indicates which geographic entities are covered in each of the various data products.

16 pp. 1992. Single copies free. Contact Customer Services for the latest ordering information.

(615)

1992 Economic Censuses: Geographic Reference Manual (EC92-R-1)

Geographic areas covered—States, District of Columbia, Puerto Rico, Virgin Islands of the United States, Guam, Northern Mariana Islands, and offshore areas.

Subject content—Presents geographic codes assigned to States and State equivalents, metropolitan areas, counties and county equivalents, incorporated places (and other place equivalents) with a census population of 2,500 or more inhabitants, and, in 12 selected States, towns and townships with a census population of 10,000 or more inhabitants, for which the Census Bureau tabulated data in the 1992 Economic and Agriculture Censuses.

352 pp. 1993. $22.

Contact Customer Services for the latest ordering information.

(617)

TIGER/Census Tract Comparability™ File

Data time span—1980 and 1990.

Geographic areas covered and subject content—Presents information on all census tract changes for all census tracts in the United States and Puerto Rico that changed between the 1980 and 1990 censuses. It shows, for example, that a tract numbered

40 in 1980 split into tracts numbered 40.01 and 40.02 in 1990; however, it does not describe the location of the boundary that splits the tract.

If a State or county does not appear in the file, the area either had no change to the census tracts from the 1980 census, or the 1990 census was the first time that census tracts were delineated for that area.

The Census Bureau produces two different types of census tract comparability products: the *TIGER/Census Tract Comparability File* and the census tract comparability tables that appear in the 1990 CPH-3 *Population and Housing Characteristics for Census Tracts and Block Numbering Areas* reports.

The CPH-3 census tract comparability tables comprise two lists to enable users to identify the relationships among census tracts with changes from 1980 to 1990. One list shows 1990 tract numbers and related 1980 numbers; the second list shows 1980 tract numbers and related 1990 numbers. The CPH-3 census tract comparability tables contain information only for those census tracts renumbered since the 1980 census and those changes that affect more than 2.5 percent of the total 1990 population of the census tract. The census tracts that appear in the 1990 CPH-3 reports are identified by a plus sign in the *TIGER/Census Tract Comparability File.*

The *TIGER/Census Tract Comparability File* includes two files; one presents the information in the format used for Census Bureau computer tapes; the second file has blank spaces separating each field and a decimal point as part of the census tract number where a suffix exists. This second file does not need editing to make it easy to read when printed out and is intended for those data users who plan only to print out the file. The *TIGER/Census Tract Comparability File* includes all census tracts with a change to the census tract number or a boundary change.

Reference materials—TIGER/Census Tract Comparability™ File Technical Documentation contains descriptive information about the file and a record layout. One free copy accompanies each file order. When ordered separately, it is available for $10 from Customer Services.

Computer tape. Released 1992. $175. CD-ROM. Released 1994. $150. Order from Customer Services. See Ordering Products section.

(619)

TIGER/Census Tract Street Index™, Version 2

Subject content—Links street names and address ranges to census tract and other geographic codes. The *TIGER/Census Tract Street Index (TIGER/CTSI), Version 2,* is a listing, by county or statistical equivalent, of the streets in a county, address ranges on the streets, and the corresponding census tract or block numbering area (BNA) codes for each address range. In addition to the census tracts, U.S. Postal Zip Codes and the 103rd Congressional Districts are included. The *TIGER/CTSI* contains only city-style addresses, so it tends to concentrate on cities and their immediate suburbs. Rural routes, post office boxes, and other nonsequential addresses are not included.

The *TIGER/CTSI, Version 2,* was extracted from the *Topologically Integrated Geographic Encoding and Referencing* (TIGER) system, the Census Bureau's internal digital map data base used to create maps and other types of geographic products. Most data fields are current to July 1993 except some ZIP Codes that were last updated in 1989. Version 2 provides address range coverage for over 74 million individual residential addresses and street information in 2,973 of the 3,143 counties or statistical equivalents in the United States (Puerto Rico is not included). Version 1 covered about 55 million addresses and omitted ZIP Codes and congressional district numbers.

The paper *TIGER/CTSI* consists of two parts:

Part A—the street name (including prefix, suffix, and street type), address range, street side (even numbers, odd numbers, or both), census tract or BNA number, ZIP Code, truncated place or minor civil division (MCD) name, 103rd Congressional District number (unique within State) and the five-digit place or MCD Federal Information Processing Standard (FIPS code). *Part B*—the FIPS place or MCD code, census place or MCD code, metropolitan area code, place/MCD name, and a street address coverage indicator, which shows the place or MCD and whether there is address coverage in Part A. This field indicates coverage for place or MCD that have at least one address line in Part A.

The index assists financial institutions in complying with the Home Mortgage Disclosure Act. It also is used for commercial purposes in real estate and other fields.

NOTE—Financial institutions complying with the Home Mortgage Disclosure Act (HMDA) may also wish to obtain a free copy of *A Guide to HMDA Reporting: Getting it Right!* issued by the Federal Financial Institutions Examination Council, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037.

815 reports. 1994. Organized by county or groups of counties. $35,450 for a complete set (119,274 pages). $50-200 per report. Contact Customer Services for individual report price. Available from Customer Services.

Computer tape. Released 1994. $2,700 for all divisions when purchased as a single order. Also available by division. Order from Customer Services. See Ordering Products section.

CD-ROM—see abstract number 622.

TP-CTSI-V2-01. New England Division. *$350.*

TP-CTSI-V2-02. Middle Atlantic Division. *$350.*

TP-CTSI-V2-03. East North Central Division. *$450.*

TP-CTSI-V2-04. West North Central Division. *$350.*

TP-CTSI-V2-05. South Atlantic Division. *$450.*

TP-CTSI-V2-06. East South Central Division. *$350.*

TP-CTSI-V2-07. West South Central Division. *$350.*

TP-CTSI-V2-08. Mountain Division. *$350.*

TP-CTSI-V2-09. Pacific Division. *$350.*

(622)

TIGER/Census Tract Street Index™, Version II

Subject content—Same as abstract number 619.

Reference materials—TIGER/Census Tract Street Index, Version 2 on CD-ROM Technical Documentation contains descriptive information about the file and a record layout. One free copy accompanies each file order. When ordered separately, it is available for $15 from Customer Services.

Six compact discs (CD-ROM's). Released 1995. $400 for a complete set, or $90 for each disc when ordered separately. Order from Customer Services. See Ordering Products section.

CD-CTSI-V2-01. Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont.

CD-CTSI-V2-02. Illinois, Indiana, Michigan, Ohio, Wisconsin.

CD-CTSI-V2-03. Colorado, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, North Dakota, South Dakota, Wyoming.

CD-CTSI-V2-04. Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia.

CD-CTSI-V2-05. Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, Texas.

CD-CTSI-V2-06. Alaska, Arizona, California, Hawaii, Idaho, Nevada, New Mexico, Oregon, Utah, Washington.

New! (628)

TIGER Conference/Working Papers

Subject content—Cover a number of aspects of the Census Bureau's plans to automate the geographic activities of the 1990 census.

The following "Unpublished TIGER System Reference Materials" are photocopied and not in any formal series. All items listed below except the one marked by a star (*) appeared in the 1995 Catalog/Guide. Pages vary. Not sold separately. The set is available for $10 from Customer Services.

Applications of Expert Rules in Automated Cartography. *21 pp. 1987.*

Applications of TIGER to the 1990 Census: Benefits to Data Analysis and Prospects for the Future. *18 pp. 1991. Out of stock.*

Attribute Coding Scheme: Identification of Features in the U.S. Census Bureau's TIGER System. *10 pp. 1986. Out of stock.*

Automated Insetting: An Expert Component Embedded in the Census Bureau's Map Production System. *12 pp. 1989. Out of stock.*

Automated Map Inset Determination. *6 pp. 1987. Out of stock.*

Automated Matching of Lines in Topological Geographic Files. *6 pp. 1992. Out of stock.*

Automated Names Placement in a Non-Interactive Environment. *13 pp. 1989. Out of stock.*

Building the National Spatial Data Infrastructure, The Data Integrity Challenge: The Role of Government. *12 pp. 1992. Out of stock.*

A Cartographic Extract of the TIGER File: Implications for Mapping Applications. *11 pp. 1989. Out of stock.*

The Census Bureau's TIGER System. *81 pp. 1990. Out of stock.*

Census Data Available for Transportation Planners. *10 pp. 1989. Out of stock.*

Challenges in Developing a Non-Interactive Map Production System. *9 pp. 1989. Out of stock.*

Computer Mapping and the Census Bureau: The Future and You. *14 pp. 1986.*

Data Bases for Production and Maintenance of Atlases. *4 pp. 1990. Out of stock.*

Designing and Using a Cartographic Extract: Mapping From the TIGER System. *13 pp. 1988. Out of stock.*

Detailed Views of the TIGER-I File Structure. *13 pp. 1988. Out of stock.*

The Display of Boundary Information: A Challenge in Map Design in an Automated Production System. *10 pp. 1987.*

Estimating Production Parameters for Large-Volume Automated Mapping on a Raster Plotter. *9 pp. 1987.*

Experience With an Automated Program to Match Different Geographic Data Bases at the U.S. Bureau of the Census. *8 pp. 1992. Out of stock.*

Federal Agency Data: TIGER and the 1990 Census. *11 pp. 1991. Out of stock.*

Fulfilling the Promise of the 1990 Census: Will the TIGER System Help? *18 pp. 1990. Out of stock.*

Geocodes: Without Them We'd Be Nowhere! *10 pp. 1993. Out of stock.*

GIS, TIGER, and Other Useful Acronyms. *14 pp. 1989. Out of stock.*

LIS/GIS Activities of the United States Census Bureau. *45 pp. 1988. Out of stock.*

Maintenance of Geographic Structure Files at the Bureau of the Census. *7 pp.*

Multiple Automated Map Production Systems: Utilizing the MIM. *4 pp. 1992. Out of stock.*

Planned TIGER System Products. *32 pp. Out of stock.*

Polygonization and Topological Editing at the Bureau of the Census. *8 pp. 1987.*

Principal Components of the Census Bureau's TIGER File. *12 pp. 1987. Out of stock.*

Programs for Assuring Map Quality at the Bureau of the Census. *22 pp. 1988. Out of stock.*

The Road to TIGER/2000. *7 pp. 1993. Out of stock.*

TIGER/2000—Where Is It Going? *6 pp. 1993. Out of stock.*

TIGER/ACF Match: Questions and Answers. *6 pp. 1993. Out of stock.*

The TIGER File and Redistricting. *12 pp. 1989. Out of stock.*

****The TIGER File: Proposed Products.*** *1987.*

TIGER Questions and Answers. *4 pp. 1991. Out of stock.*

The TIGER Structure. *9 pp. 1987. Out of stock.*

The TIGER System. *12 pp. 1990. Out of stock.*

The TIGER System: Automating the Geographic Structure of the United States Census. *21 pp. 1986. Out of stock.*

The TIGER System: Putting People in Your GIS. *15 pp. 1990. Out of stock.*

The TIGER System: Six Years to Success. *13 pp. 1987. Out of stock.*

Topology in the TIGER File. *7 pp. 1987. Out of stock.*

Towards TIGER/2000—What and When? *5 pp. 1992. Out of stock.*

The U.S. Geological Survey—U.S. Bureau of the Census Cooperative Digital Mapping Project: A Unique Success Story. *13 pp. 1987.*

The Use of a Cartographic Metafile in the Census Bureau's Publication Mapping System. *12 pp. 1991. Out of stock.*

(630.7)

TIGER/GICS™ (Geographic Identification Code Scheme) Census File, 1990

Data time span—1990.

Geographic areas covered—Regions, divisions, States and several statistically equivalent entities (the District of Columbia, six territories—American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, the Republic of Palau, Puerto Rico, and the Virgin Islands of the United States—and two freely associated entities—the Federated States of Micronesia and the Marshall Islands), metropolitan areas, urbanized areas, counties and statistically equivalent entities, county subdivisions, places including consolidated cities, American Indian and Alaska Native areas, Alaska Native Regional Corporations.

Subject content—Presents 1990 census geographic entity names, entity codes, selected geographic relationships, total population and total number of housing units in the entities, area measurements (land, total water, inland water, coastal water, Great Lakes water, and territorial water), and internal points (latitude and longitude) for the entities listed above. (The internal points permit determination of approximate distances between entities.)

Reference materials—TIGER/GICS™ Census File Technical Documentation contains descriptive information about the file and a record layout. One free copy accompanies each file order. When ordered separately, it is available for $10 from Customer Services.

Computer tape. $175. Released 1993. One CD-ROM. $150. Released 1994. Order from Customer Services. See Ordering Products section.

TIGER/Line™ Census Files, 1990.

See abstract number 632.

(631)

TIGER/Line™ County Boundary Files

Data time span—1990

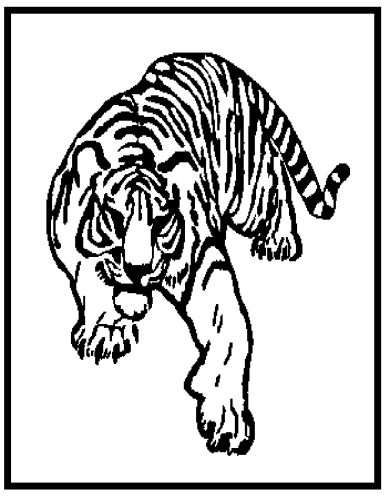
Geographic areas covered—States; District of Columbia, American Samoa, the Federated states of Micronesia, Guam, the Marshall Islands, the Northern Mariana Islands, Palau, Puerto Rico, and the U.S. Virgin Islands.

Subject content—Consists of all the line segments in the Census TIGER data base that comprise the boundaries of the counties and statistically equivalent areas. The file enables data users to identify the features that form the county boundaries.

It was produced by extracting census block information from its Census TIGER data base. The files contain the same data as *TIGER/Line™* 1992 file. If you extract from the 1992 file all Record Types 1 and 2 that form the boundary between two counties, you will have the same lines given in these new files. This method enables existing *TIGER/Line* geographic information system translators to work with this product.

Reference materials—TIGER/Line™ County Boundary File, 1990 Technical Documentation contains descriptive information about the file and a record layout. One free copy accompanies each file order. When ordered separately, it is available for $10 from Customer Services.

Computer tape. $350. Released 1994. Order from Customer Services. See Ordering Products section.



(632)

TIGER/Line™ Files, 1992

Geographic areas covered—All counties and statistically equivalent entities in the United States; urbanized areas, congressional districts for the 103rd Congress, school districts, and 1992 corporate limits, also Puerto Rico, the Virgin Islands, American Samoa, Guam, the Northern Mariana Islands, and Palau.

Subject content—Presents the 1992 census TIGER/Line™ files for the areas noted above. It contains address ranges and ZIP Codes for 345 core metropolitan areas. Address range information has been increased to cover about 85 million addresses compared to 55 million covered in the 1990 version.

These files replace the 1990 TIGER/Line™ Census Files.

The TIGER/Line™ files, as the name suggests, consist of line segments that represent physical, governmental, and statistical boundaries. The files are made up of 14 separate record types, including the basic data record, the shape coordinate points (feature shape records), and the additional geographic area codes (such as selected 1980 geographic area codes) that can be used with appropriate software to prepare maps using the same geographic area codes as those used in the 1990 census statistical data products. The files contain both Census Bureau codes and FIPS (Federal Information Processing Standards) codes, as appropriate.

Users can combine the geographic and cartographic data of a TIGER/Line™ file with statistical information (such as population or housing) from both census and local sources, using either mainframe or personal computers and appropriate software. Some examples of the file's uses are thematic mapping; geocoding of spatially referenced data for marketing research, routing, address matching, or redistricting; and applications involving geographic information systems (GIS).

NOTE—The files contain LandView software—a limited purpose (block group polygon only) GIS software with selected 1990 census data. To produce thematic maps or develop a geographic information system, users need applications software such as ARC/INFO, MapInfo, and ATLAS/GIS. Users must develop their own or rely on vendors. Customer Services can provide a TIGER Resources List, which names vendors with the capacity to process TIGER/Line™ files.

Reference materials—TIGER/Line™ Files 1992, Technical Documentation contains descriptive information about the file and a record layout. One free copy accompanies each file order. When ordered separately, it is available for $15 from Customer Services. The Technical Documentation for the CD-ROM version is contained on the disc.

Computer tape. $185 for the first county in a State plus $10 for each additional county in that State; $38,000 for entire United States if ordered at one time. (Counties in two or more States may not be combined on one reel.) Released 1993. Order from Customer Services.

Also, files are available on 4 3/4 inch CD-ROM laser discs for $50 per disc; $2,200 for the complete 44 disc set. Files from different States may be combined on one disc; data for a single State may occupy more than one disc. (The CD-ROM version features LandView software for basic viewing and GIS functions.) Contact Customer Services for ordering information.

New! (632.5)

TIGER/Line™ Files, 1994

Geographic areas covered—All counties and statistically equivalent entities in the United States; urbanized areas, school districts, incorporated places (1992 corporate limits); also Puerto Rico, the Virgin Islands, American Samoa, Guam, the Northern Mariana Islands, and Palau.

Subject content—Presents the 1994 TIGER/Line™ files for the geographic areas noted above and consists of, as the name suggests, line segments that represent physical, governmental and statistical boundaries. It includes address ranges and ZIP Codes for line segments for almost all counties.

Both the 1992 (see abstract number 632) and 1994 versions of the TIGER/Line™ files include a basic data record (individual record for each segment of a feature), shape coordinate points (feature-shape records), and records for geographic area codes.

The 1994 version includes these additional record types: Plus 4 Postal Add-On ZIP Codes for each address range (the 1992 version contained only five-digit ZIP Codes), linkage between buildings with their own ZIP Plus 4 Add-On Code and the actual street number/street name for the building, information that was supplied separately in the TIGER/Geographic Name File (GRF-N), the history of TIGER/Line ID's when complete chains are split or merged, and space for more geographic area codes to identify polygons.

In addition, the 1994 version defines Traffic Analysis Zones as recognized in the Census Transportation Planning Package, sponsored by the Federal Highway Administration.

Users can combine the geographic and cartographic data of a TIGER/Line™ file with statistical information (such as population or housing) from both census and local sources, using computers and appropriate software. Some examples of the file's uses are thematic mapping; geocoding of spatially referenced data for marketing research, routing, address matching, or redistricting; and applications involving geographic information systems (GIS).

This product contains no statistics.

NOTE—To produce thematic maps or develop a geographic information system, users need applications software such as ARC/INFO, MapInfo, and ATLAS/GIS. Users must develop their own software or rely on vendors. Customer Services can provide a TIGER Resources List, which names vendors with the capacity to process TIGER/Line™ files.

The files are compressed (zipped) and must be unzipped before use.

See abstract number 632 for a description of *TIGER/Line™ Files, 1992.*

Reference materials—Technical documentation is included on each disc.

Six compact discs (CD-ROM's). Released 1995. $1,500 for a complete set, or $250 for each disc when ordered separately. Order from Customer Services. See Ordering Products section.

CD94-TGR-01. Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia, West Virginia.

CD94-TGR-02. Alabama, Florida, Georgia, Kentucky, Michigan, Mississippi, Ohio, Tennessee.

CD94-TGR-03. Illinois, Indiana, Iowa, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Wisconsin.

CD94-TGR-04. Arizona, Arkansas, Kansas, Louisiana, Oklahoma, Texas.

CD94-TGR-05. Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming.

CD94-TGR-06. Alaska, California, Hawaii, Oregon, Washington, Outlying Areas (Puerto Rico, Virgin Islands of the United States, American Samoa, Guam, Northern Mariana Islands, Palau).

(634)

TIGER/Line™ Mapping Software

Subject content—Provides FORTRAN source code for routines used on the Census Bureau's Unisys mainframe computers to produce 1990 census maps from the TIGER File™. *The source code for these routines is provided "as is", without support and without certification as to usability on any other computer system.*

Reference materials—TIGER/Line™ Mapping Software Technical Documentation contains the TIGER file data structure used on the Census Bureau's mainframe computers. One copy accompanies each order. Additional copies are available for $25 from Customer Services.

Computer tape. $600. Order from Customer Services. See Ordering Products section.

(640.5)

TIGER/Line™ 103rd Congressional District File

Geographic areas covered—The 50 States, District of Columbia, American Samoa, Puerto Rico, Guam and the Virgin Islands.

Subject content—File consists of all line segments in the TIGER data base that comprise the boundaries of the 103rd congressional districts. Boundaries are consistent with the location of state and county boundaries as portrayed in the TIGER/Line files.

Reference materials—1990 TIGER/Line™ 103rd Congressional District File Technical Documentation contains descriptive information about the file, a record description, and a sample listing of the file. One free copy accompanies each file order. When ordered separately, it is available for $10 from Customer Services.

Computer tape. $175. Order from Customer Services. See Ordering Products section.

(641)

TIGER/Line™ 103rd Congressional District Geographic Entity File

Geographic areas covered—The 50 States, American Samoa, Guam, Puerto Rico, and the Virgin Islands of the United States.

Subject content—Presents the 103rd congressional districts certified by the Secretary of State in each State. The related geographic entity boundaries are for those governmental and statistical entities in effect on January 1, 1990. The file enables users to ascertain the geographic relationships of the 103rd congressional districts to selected governmental and statistical geographic entities. These entities are identified by Census and Federal Information Processing Standards (FIPS) geographic codes. The file does not include the geographic names referenced by these codes. It is a flat file in ASCII fixed format.

The file provides the following geographic entity relationships: State (or statistically equivalent entity); congressional district; county (or statistically equivalent entity); county subdivision (minor civil division or census county division); place (incorporated place and census designated place; American Indian/Alaska Native area (reservation, trustland, tribal jurisdiction statistical area, tribal designated statistical area, Alaska Native village statistical area); urbanized area; urban/rural indicator; and metropolitan statistical area/primary metropolitan statistical area.

The file includes the 1990 census total population and housing counts, and total land area associated with each record.

Reference materials—TIGER/Line™ 103rd Congressional District Geographic Entity File Technical Documentation contains descriptive information about the file, a record description, and a sample listing of the files. One free copy accompanies each file order. When ordered separately, it is available for $10 from Customer Services.

Computer tape. $175. Order from Customer Services. See Ordering Products section.

(641.5)

TIGER/Map Sheet Corner Point Coordinate™ File

Geographic areas covered—States, Puerto Rico, and outlying areas.

Subject content—Contains information about the computer-generated County Block Maps that the Census Bureau prepared to accompany the 1990 census data products.

This file provides the latitude and longitude coordinates for the corner points for each computer-generated map sheet needed to provide a complete representation of the 50 States, the District of Columbia, Puerto Rico, and the outlying areas.

Reference materials—TIGER/Map Sheet Corner Point Coordinate™ File Technical Documentation contains descriptive information about the file and a record layout. One free copy accompanies each file order. When ordered separately, it is available for $10 from Customer Services.

Computer tape. $275. Order from Customer Services. See Ordering Products section.

New! (642)

TIGER Resource List

Frequency of issue—Quarterly.

Subject content—Lists alphabetically the names, addresses, and phone numbers of vendors with the capacity to process TIGER/Line™ files. Specific software or systems available for purchase are highlighted and the specific services offered are noted.

Pages vary. Free.

Available from Customer Services. Not available on microfiche.

(644)

TIGER: The Coast-to-Coast Digital Map Data Base

Subject content—Describes, in an easy-to-read booklet, the TIGER (Topologically Integrated Geographic Encoding and Referencing) System, the Census Bureau's Digital Map Data Base.

The booklet contains a brief treatment of the development and structure of TIGER. It also presents a variety of situations in which TIGER has been used, for example, crime prevention in Baltimore County, Maryland and dispatching/routing in northern Florida. The report also shows how TIGER can be useful in planning, administration, and other activities in such areas as public schools, city waterworks, telephone companies, and health departments.

The booklet includes a sample record layout from a TIGER/Line extract file, information on other TIGER extract files, brief descriptions of 1990 census geographic areas, and a decision tree for potential TIGER users.

20 pp. 1990. Single copies free.

Available from Customer Services.

(646)

TIGER/UA Limit™ File

Data time span—1990.

Geographic areas covered and subject content—Presents, in a set of files, all the lines in the Census Bureau's TIGER data base that delineate the boundaries of the 405 urbanized areas (UA's) reported in the 1990 census. The TIGER/UA Limit™ files are organized alphabetically by 1990 UA name and conform to the format of Record Types 1 and 2 of the TIGER/Line™ files. There is no direct linkage to the TIGER/Line™ files except by the coordinates (latitude/longitude) associated with each line, which are the same as the coordinates for the corresponding linear features in the TIGER/Line™ 1990 census files. This file contains only coordinates and a limited set of left and right geographic area codes; the features (lines) are not identified by name.

Reference materials—TIGER/UA Limit™ File Technical Documentation contains descriptive information about the file and a record layout. One free copy accompanies each file order. When ordered separately, it is available for $10 from Customer Services.

Two tape reels at 6250 bpi. $250. Released 1992. Order from Customer Services. See Ordering Products section.

MAPS

This section describes only those maps, released since mid-1993, for sale separate from publications.

Census Tract/Block Numbering Area Outline Maps (1990)

See abstract number 1603 in the 1990 Census chapter.

(649)

Congressional District State Outline Maps (103rd Congress)

Geographic areas covered and subject content—Consists of a wall size map (36 x 42 inches) of each State (including insets as needed) and the District of Columbia that identifies the numbers and boundaries of the districts of the 103rd Congress. In addition, each map shows, as appropriate, the names and boundaries of counties, county subdivisions, incorporated and other places, and American Indian and Alaska Native areas.

NOTE—These maps, in page-size format, also appear in the 1990 CPH-4 series of printed reports (abstract number 1604) and the Congressional District Atlas (abstract number 602.3).

A series of 51 maps (36 by 42 inches) or map sets. Released 1993. Available from Customer Services for $5 per map sheet (see prices below) plus a $25 per order processing fee.

Alabama. *$10.*

Alaska. *$10.*

Arizona. *$5.*

Arkansas. *$5.*

California. *$25.*

Colorado. *$10*

Connecticut. *$5.*

Delaware. *$5.*

District of Columbia. *$5.*

Florida. *$25.*

Georgia. *$15.*

Hawaii. *$15.*

Idaho. *$5.*

Illinois. *$10.*

Indiana. *$10.*

Iowa. *$5.*

Kansas. *$5.*

Kentucky. *$15.*

Louisiana. *$15.*

Maine. *$5.*

Maryland. *$10.*

Massachusetts. *$5.*

Michigan. *$10.*

Minnesota. *$10.*

Mississippi. *$5.*

Missouri. *$15.*

Montana. *$5.*

Nebraska. *$5.*

Nevada. *$5.*

New Hampshire. *$5.*

New Jersey. *$5.*

New Mexico. *$5.*

New York. *$10.*

North Carolina. *$5.*

North Dakota. *$5.*

Ohio. *$20.*

Oklahoma. *$5.*

Oregon. *$10.*

Pennsylvania. *$20.*

Rhode Island. *$5.*

South Carolina. *$5.*

South Dakota. *$5.*

Tennessee. *$5.*

Texas. *$25.*

Utah. *$5.*

Vermont. *$5.*

Virginia. *$10.*

Washington. *$10.*

West Virginia. *$5.*

Wisconsin. *$10.*

Wyoming. *$5.*

New! (657.5)

Congressional Districts of the 104th Congress of the United States *(GE-90, No. 7)*

Geographic areas covered and subject content—For the United States, displays on one map sheet the boundaries of States, counties, and all congressional districts of the 104th Congress.

GPO Stock No. 003-024-08772-3.

1 p. (46 by 30 inches). 1995. $7.

Contact Customer Services for the latest ordering information.

Cited in the 1995 Catalog—Earlier issue, similar scope and same title, except Congress number: 103rd Congress, GE-90, No. 2, 1 p., $6. Contact Customer Services for ordering information.

New! (658)

Metropolitan Areas (Consolidated Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas, and Metropolitan Statistical Areas) June 30, 1994 *(GE-90, No. 4A)*

Geographic areas covered and subject content—Displays a wall-size map of the United States, showing MSA, CMSA, and PMSA boundaries.

GPO Stock No. 003-024-08768-5.

1 p. (39 by 45 inches). 1994. $2.25.

Contact Customer Services for the latest ordering information.

Cited in the 1995 Catalog—Earlier issue, similar scope and same title, except date: 1993, GE-90, No. 4, 1 p., $2.25. Contact Customer Services for ordering information.

New! (658.5)

1990 Population Distribution in the United States *(GE-90, No.5)*

Data time span—1990.

Geographic areas covered and subject content—Displays on a single map sheet the population distribution, based on the 1990 census, of the conterminous United States (plus Alaska and Hawaii, which appear as inserts). The United States, Alaska, and Hawaii are shown in midnight blue against a black background. The population density is depicted by white dots, each dot representing 1,000 persons. The map scale for the conterminous United States is 1:7,500,000; for Alaska, 1:16,375,000; and for Hawaii, 1:9,995,000.

The map creates the impression of an aerial view at night, and thus is sometimes referred to as the ''1990 nightime map.''

GPO Stock No. 003-024-08769-3.

1 p. (24 by 40 inches). 1995. $1.75.

Contact Customer Services for the latest ordering information.

(659)

Race and Hispanic Origin Population Density of the 1990 Census *(GE90, No. 6)*

Geographic areas covered and subject content— Four thematic maps of the United States, 7.5 x 9.5 inches, each on a single 18 x 22 inch single-sided sheet, showing the density of Black persons; persons of Hispanic origin, the American Indian, Eskimo, and Aleut population; and Asian or Pacific Islander persons as a percentage of the total population by county or statistically equivalent entity; based on 1990 Census of Population and Housing.

GPO Stock No. 003-024-0872-6. $2.25.

Contact Customer Services for the latest ordering information.

World Demographic Maps

See abstract number 877 in the International chapter.

NTIS® Information is our business.

For the First Time Census Data for more than 3,000 U.S. Counties Back to 1790

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This unique and important publication will be an invaluable source to anyone concerned with how the nation's population has grown and where that growth has taken place. It also provides helpful information on the counties that existed in each State at dates in the past. It belongs on the reference shelf of every library, and will be of particular interest to organizations and individuals interested in population trends, local history, and genealogy.

One interesting use is its illustration of the broad progress of settlement westward from the original 13 States, first into the Midwest and Mississippi Valley, then across the Great Plains and Rocky Mountains to the Pacific Coast. The populations for counties fill in many details of the overall settlement, such as the rapid growth in the inland portions of the original States such as Pennsylvania and North Carolina in the years following the Revolution, and the booming development of peninsular Florida in the 20th Century.

Some counties have not had significant boundary changes since the first national decennial census in 1790. A large majority of counties, however, did not yet exist then, or have undergone boundary changes since then. The populations in this publication are for the counties as they were defined at the time of each census. A special table shows the year of the first census in which the county appeared and the census since which it has not had a significant boundary change. Notes also provide information on how the county was formed, changes in the county names, and so forth

Electronic version: The diskette version is available as a text file that can be read by popular microcomputer spreadsheet programs

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