Geographic Products



Census
2000

Census 2000 Data Products Major Changes

Wider product availability than 1990

- Internet Access-American Fact Finder
 - Data and geographic products

Geographic Products:

Tools to Support User Needs

- Maps to Use with Statistical Reports / PDF maps
 - 2000redistricting tiger/line
 - Cartographic Boundary Files
 - Thematic, Small Area Maps

Geographic Products: Maps

- Purpose
 - Accompany Statistical Data
 - Locate Census Geography
 - Display Statistical results
- Characteristics
 - Wide Use of Color
 - Available in Electronic formats
 - Available as paper copies

Geographic Products: Maps PDF File Capabilities

- Thumbnail views of Maps
- Zoom and Pan
- Searchable Text (Census Tract, Place Name & Block Number.)
- Print Selected Areas on Map

Geographic Products: Maps

For Redistricting:

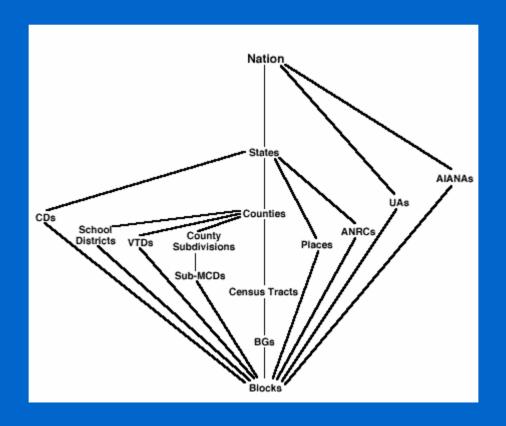
- County-based block maps
 - in Color
 - Shows block numbers
 - Shows VTDs (voting districts)
- Voting district outline maps
 - With state legislative districts (when provided)
- Census tract outline maps

Geographic Products: Maps

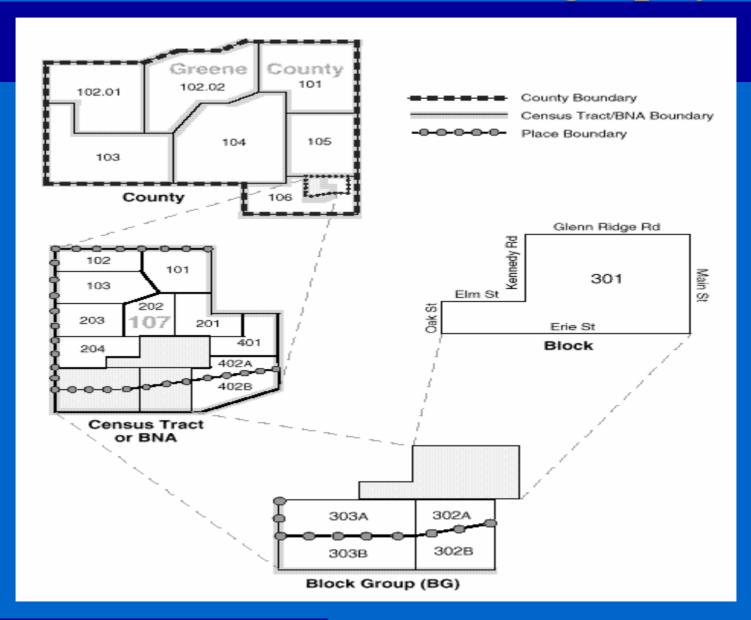
Other large format reference maps

- Block Level Maps
 - packaged by governmental entities, i.e counties, American Indian Reservations, HHLs, incorporated places
 - Production begins summer 2001

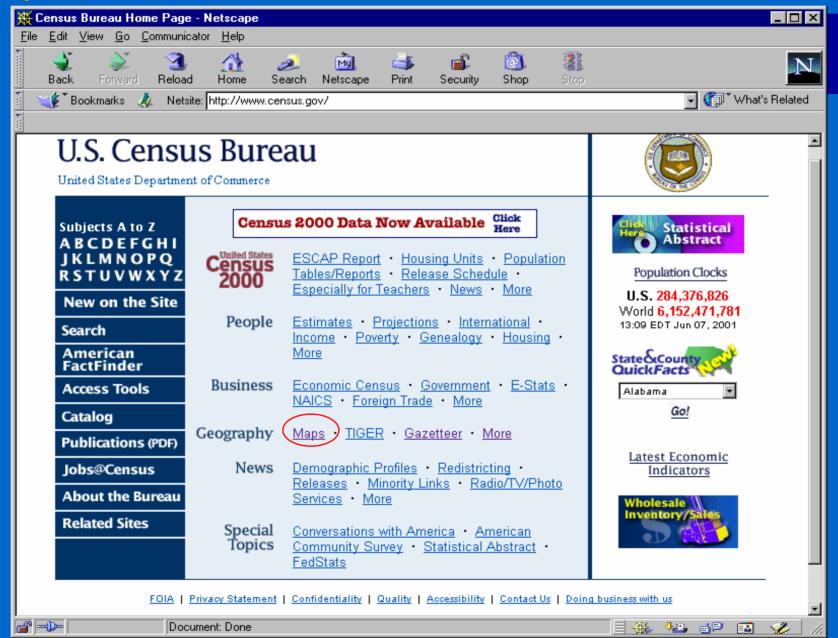
Hierarchical Relationship of Census Geographic Entities



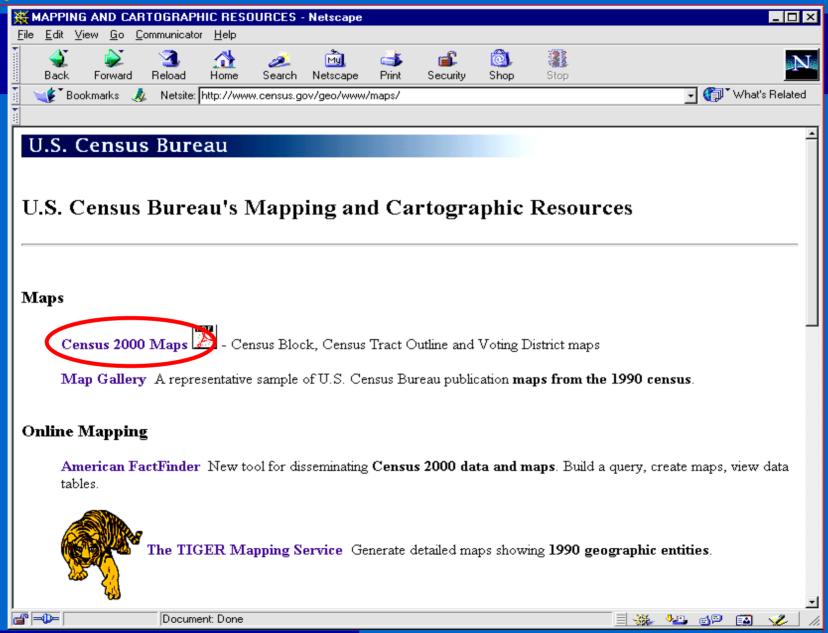
: Small Area Census Geography

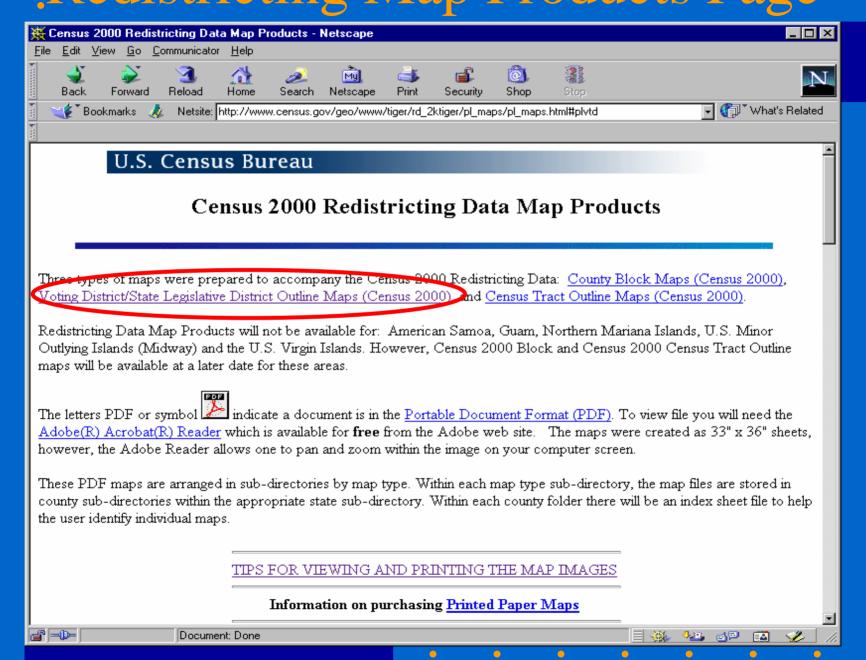


Census Bureau Home Page

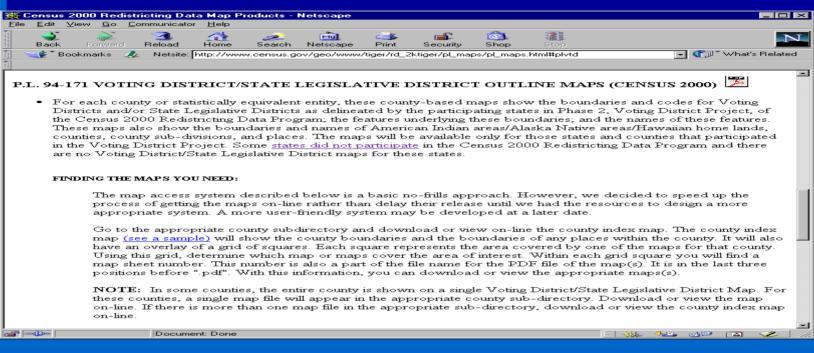


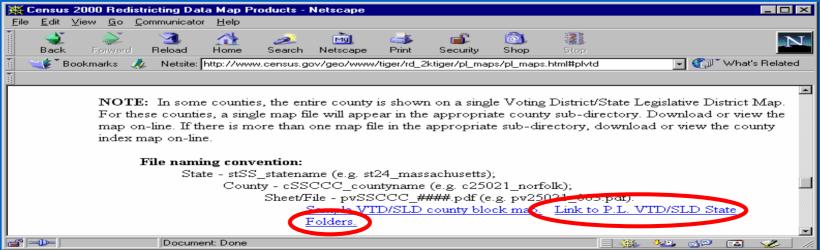
Mapping and Cartographic Services Home Page



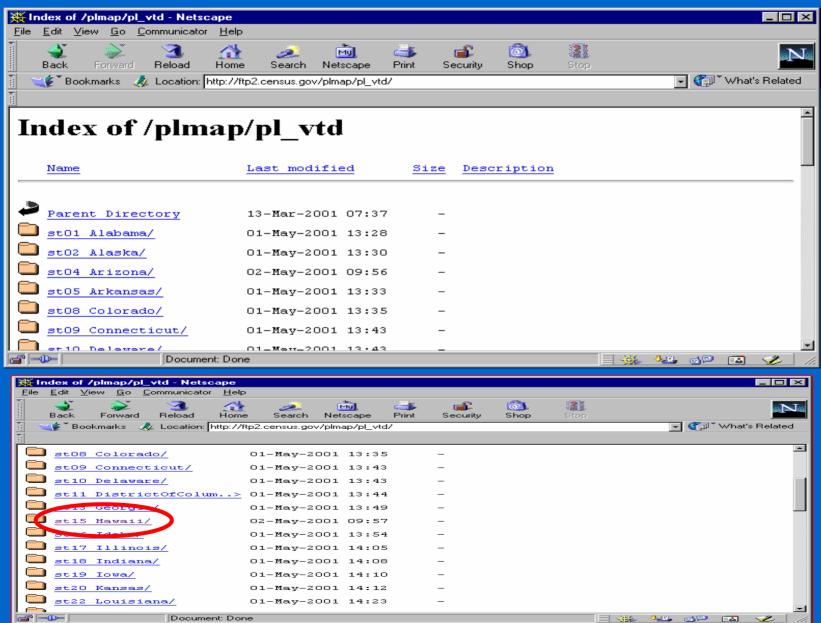


Redistricting Map Products Page Cont...

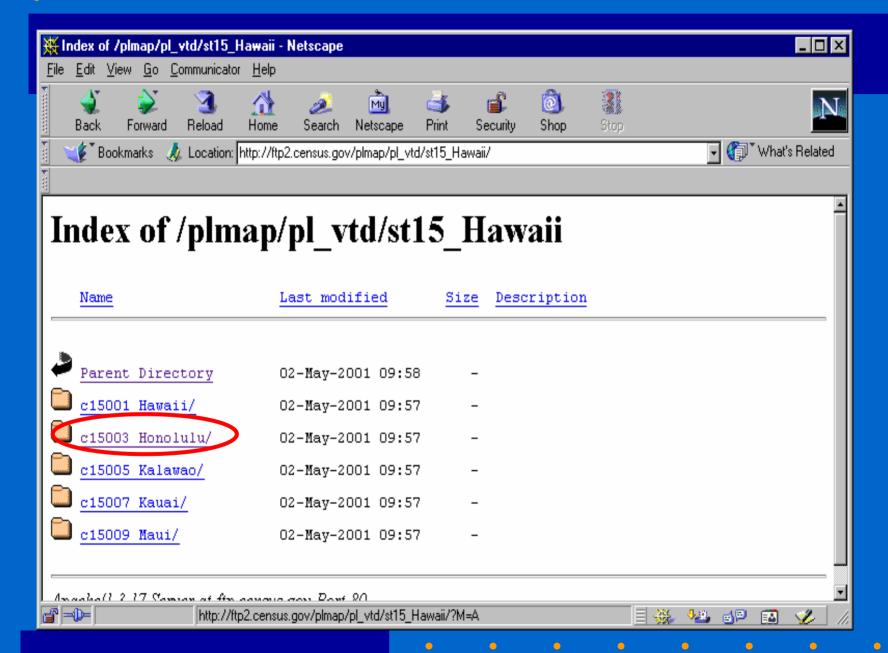




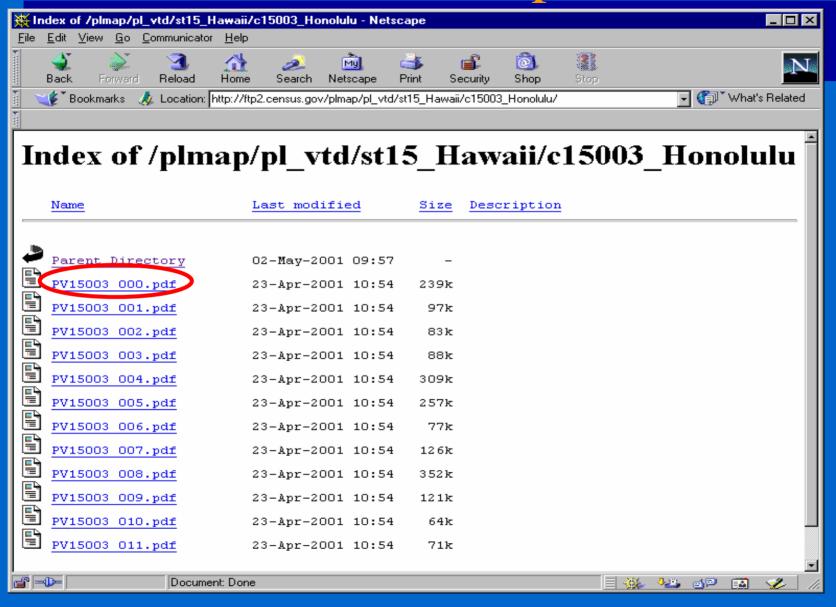
VTD Map Download Page



VTD Map Download Page Cont...



Index of VTD map sheets

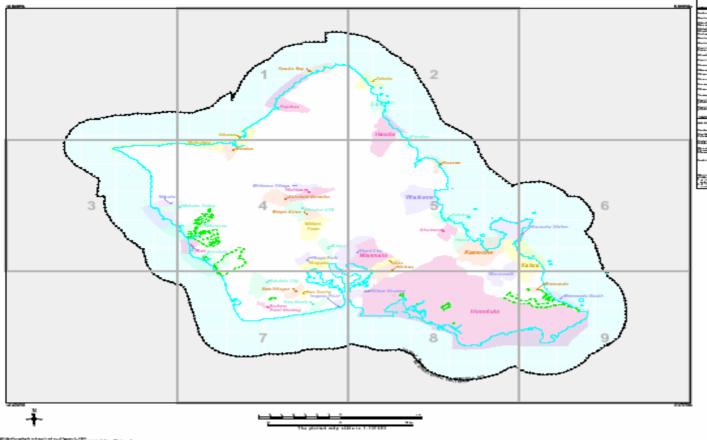


VTD Index Map

INDEX FOR P.L. 94-171 VOTING DISTRICT OUTLINE MAP (CENSUS 2000)





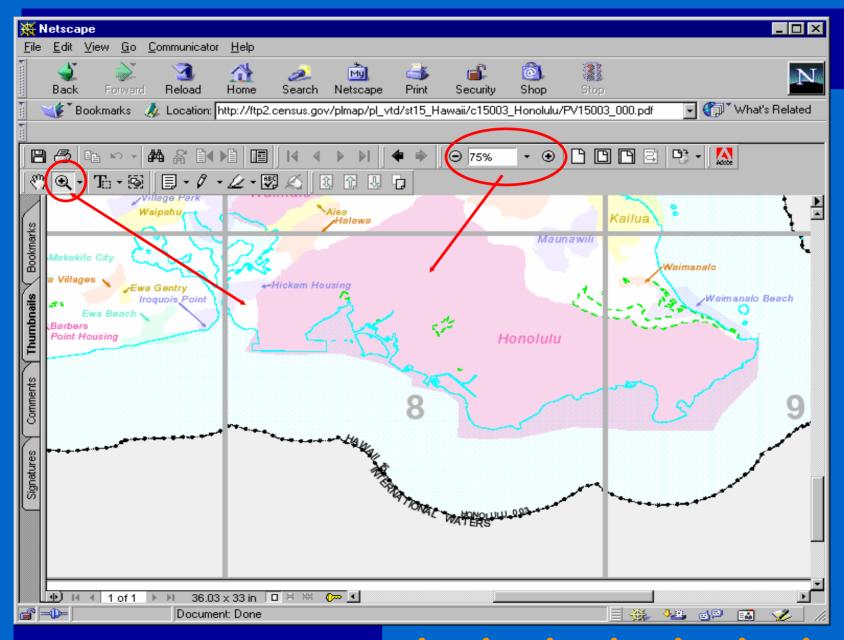




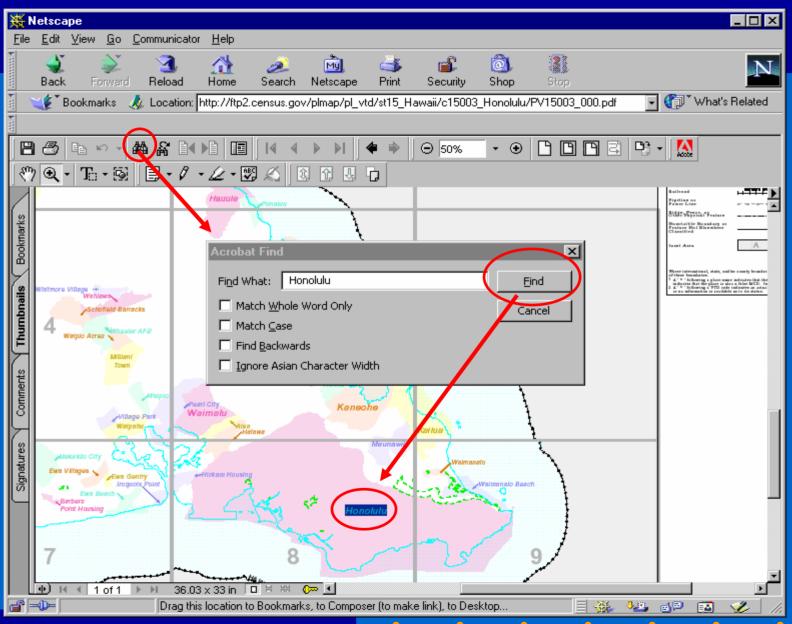
P.L. IN-111 VICTING DISTRICT OF ATK LINGUILATIVE DISTRICT

TT. Harrait [TI] CDO: Hamalala (HEI) Hamalala (HEI)

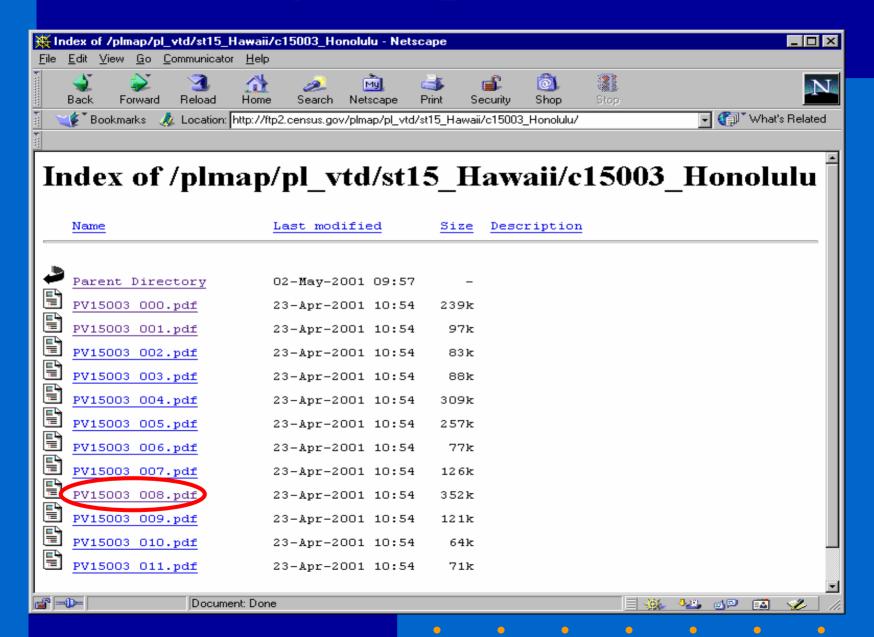
: Adobe Acrobat zoom function



Using the find tool

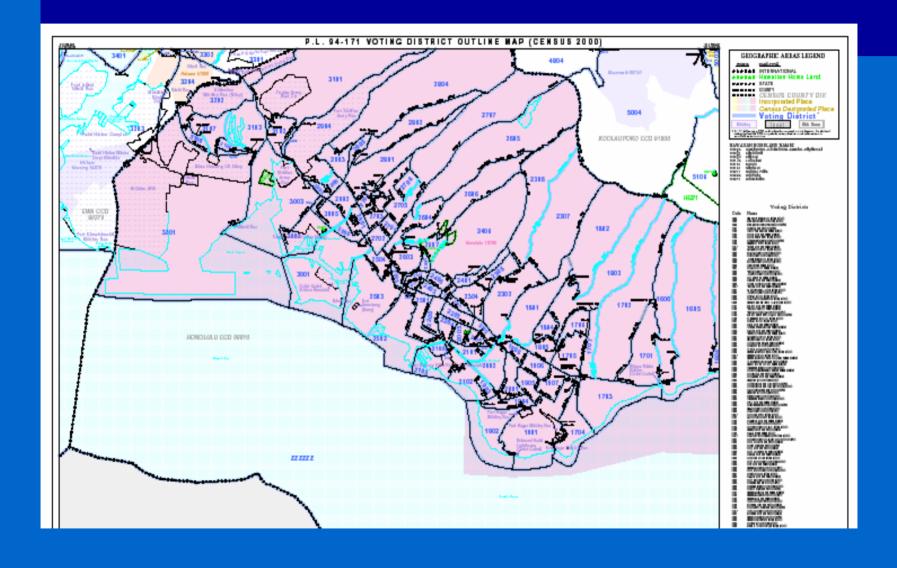


: Selecting a map sheet to view

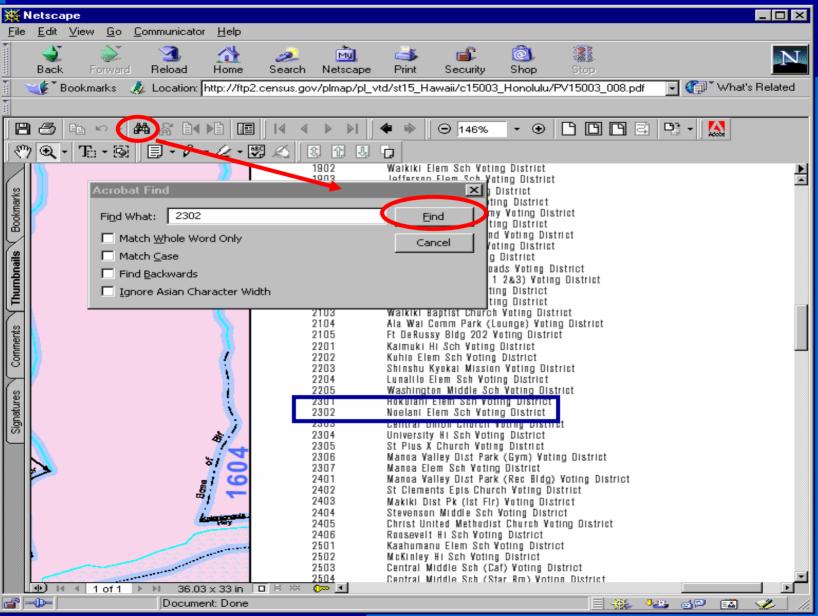


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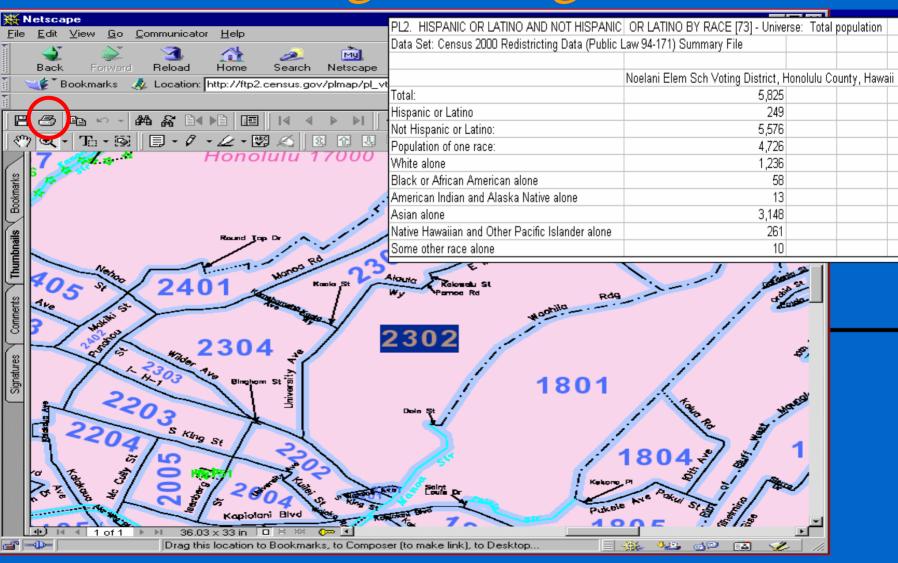
VTD map



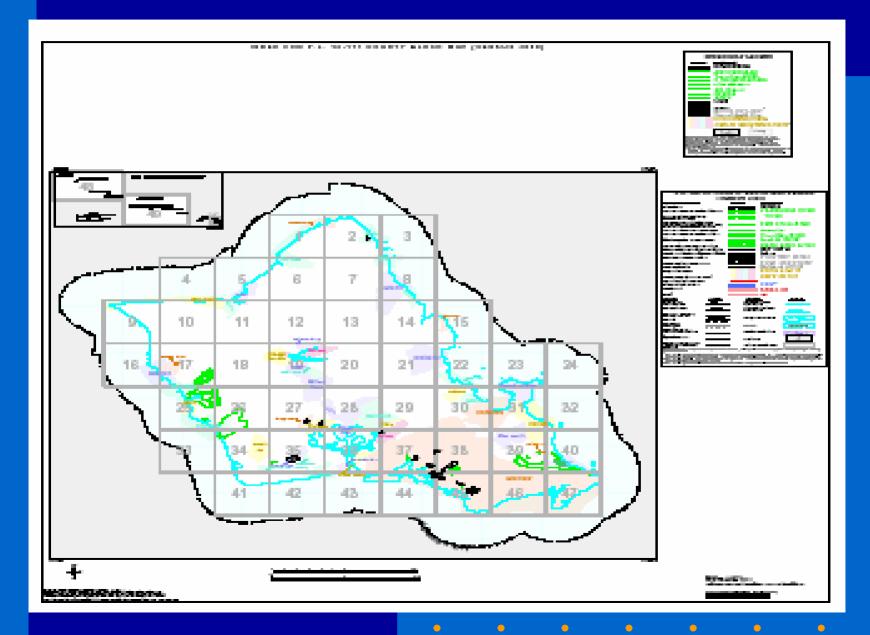
Browsing VTD names



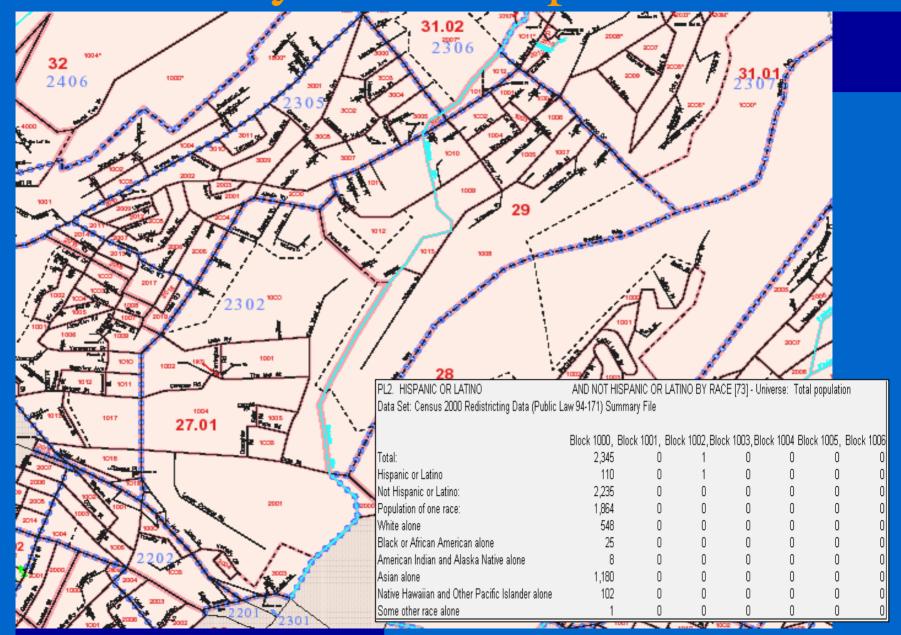
Locating/Printing the VTD



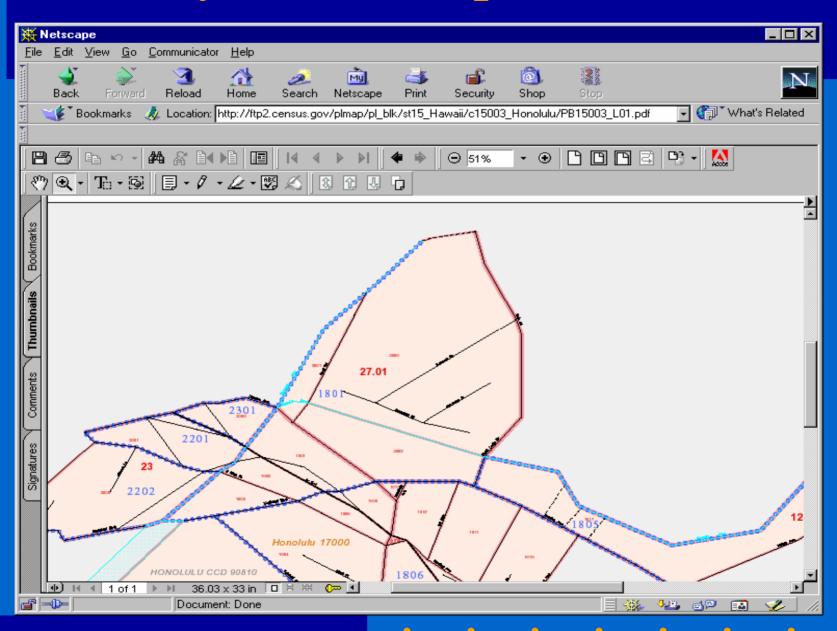
County Block Map Index



County Block Map Sheet



County Block Map Inset Sheet



TIGER Data Base

- Topologically
- Integrated
- Geographic
- Encoding and
- Referencing

Role of TIGER

- Assignment of location codes to addresses for data collection
- Geographic structure for tabulation and publication
- Cartographic products to support field operations, participant programs, collection and publication

TIGER Contains:

- streets
- water features
- railroads
- political boundaries
- statistical boundaries
- addresses
- zip codes
- landmarks

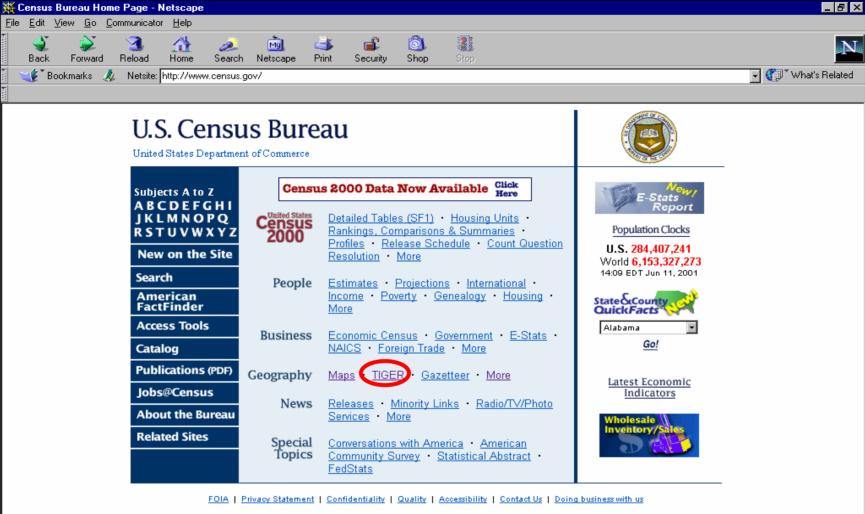
Geographic Products TIGER/Line® Files

- TIGER/Line is an abstract of selected geographic and cartographic information from the TIGER data base
- ASCII text format, not in the form of map images
- Need to have GIS or other mapping software
- User has to translate or convert the files into a format used by their specific software
 - County based

Geographic Products TIGER/Line® Files

- Redistricting Census 2000 TIGER/Line File Available Now ONLINE
- •First View of 2000 Block Boundaries
 - Record Layout
- Census 2000 TIGER/Line File 3rd quarter 2001
 - ZCTAs
 - Address range enhancements
 - Feature updates

Accessing TIGER/Line Files



USCENSUSBUREAU

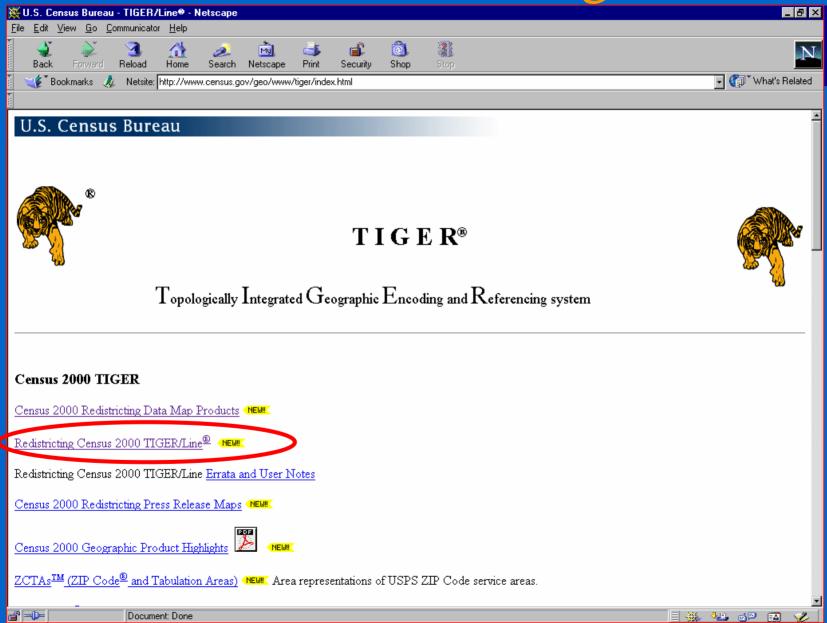
Helping You Make Informed Decisions



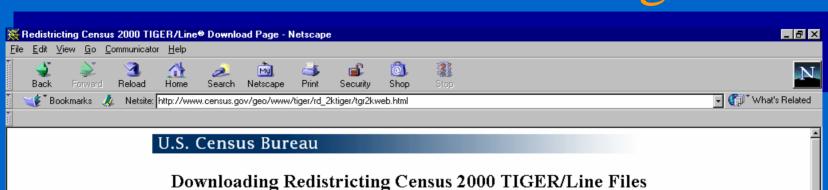
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TIGER Home Page



TIGER Download Page



The Redistricting Census 2000 TIGER/Line files are specifically intended to support the needs of the redistricting community. This version of the TIGER/Line files contains all the Census 2000 entities EXCEPT FOR the ZIP Code® Tabulation Areas (ZCTAsTM), nor do they contain the updated address ranges based on the final Census 2000 information. The address ranges are comparable to those in the 1999 TIGER/Line files. The Redistricting Census 2000 TIGER/Line files cover all counties, parishes, boroughs, census geographic areas and equivalent entities for each state, the District of Columbia, and Puerto Rico. The Redistricting Census 2000 TIGER/Line files will NOT include files for American Samoa, Guam, the Northern Mariana Islands, the Minor Outlying Areas (Midway), and the U.S. Virgin Islands. The Census 2000 TIGER/Line files, scheduled for release in the third quarter of 2001, will include files for these areas, as well as the ZCTA information and the updated Census 2000 address ranges.

The TIGER/Line files are extracts of selected geographic and cartographic information from the Census Bureau's TIGER (Topologically Integrated Geographic Encoding and Referencing) database. There is one archived (zipped) TIGER/Line file for each county or county equivalent. The file names consist of TGR + the 2-digit state FIPS (Federal Information Processing Standards) code + the 3-digit county FIPS code i.e. TGR01031.ZIP for Coffee County. Alabama.

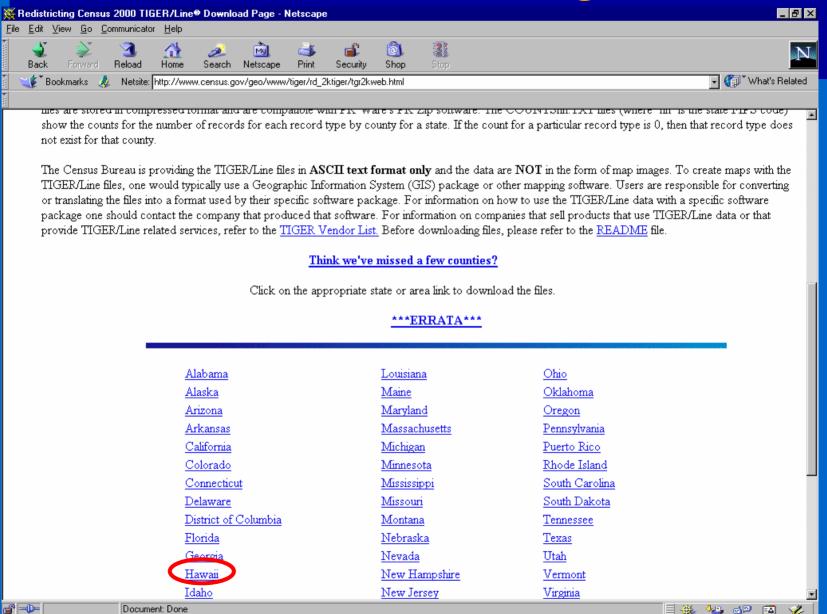
The letters PDF or symbol indicate a document is in the Portable Document Format (PDF). To view file you will need the Adobe(R) Acrobat(R) Reader which is available for free from the Adobe web site.

To find the FIPS codes for other states and counties refer to Appendix A in PDF or ASCII text of the technical documentation. The metadata is in ASCII text format.

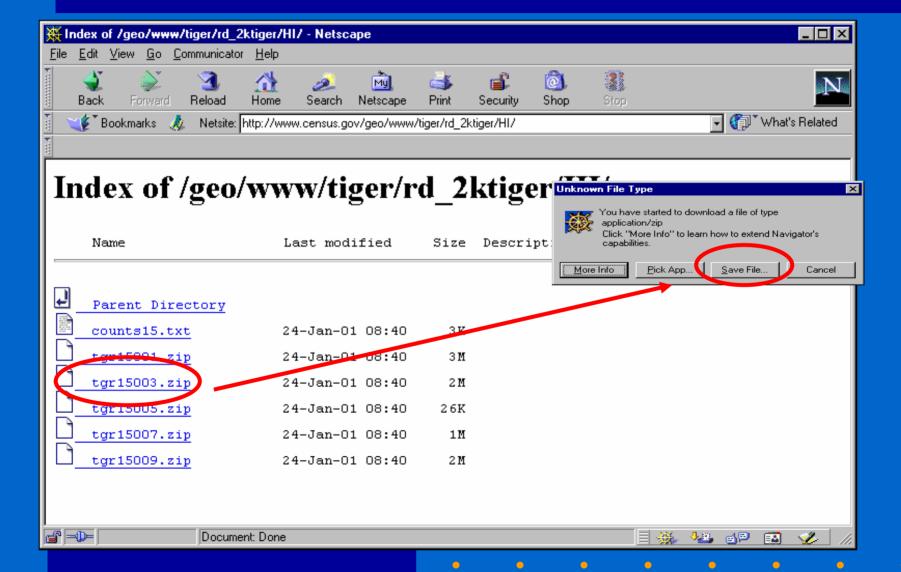
You can now download one or more Redistricting Census 2000 Tiger/Line files. Each state folder contains a Counts file and individual county files. The county files are stored in compressed format and are compatible with PK Ware's PK Zip software. The COUNTSnn TXT files (where "nn" is the state FIPS code) show the counts for the number of records for each record type by county for a state. If the count for a particular record type is 0, then that record type does not exist for that county.

The Census Bureau is providing the TIGER/Line files in ASCII text format only and the data are NOT in the form of map images. To create maps with the TIGER/Line files, one would twoically use a Geographic Information System (GIS) package or other mapping software. Users are responsible for converting

: TIGER Download Page Cont...



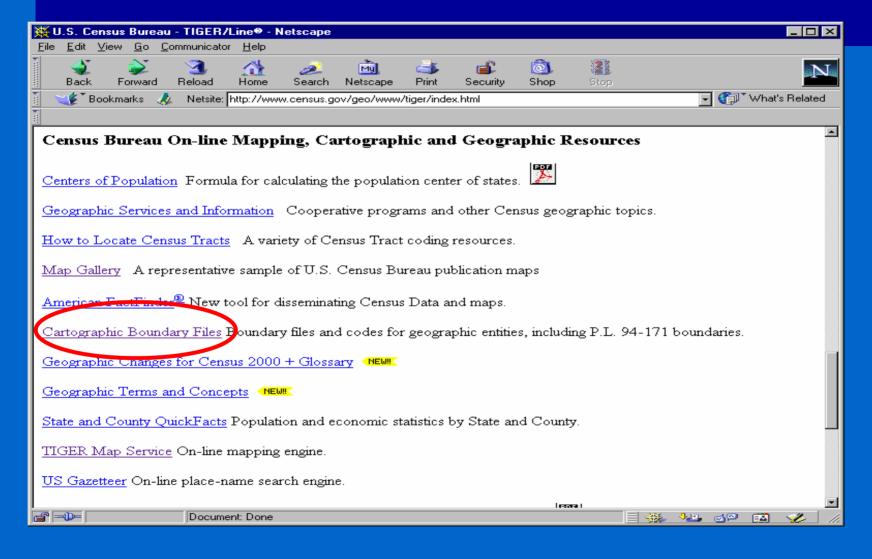
O6/15/01 TIGER Download Page Cont...



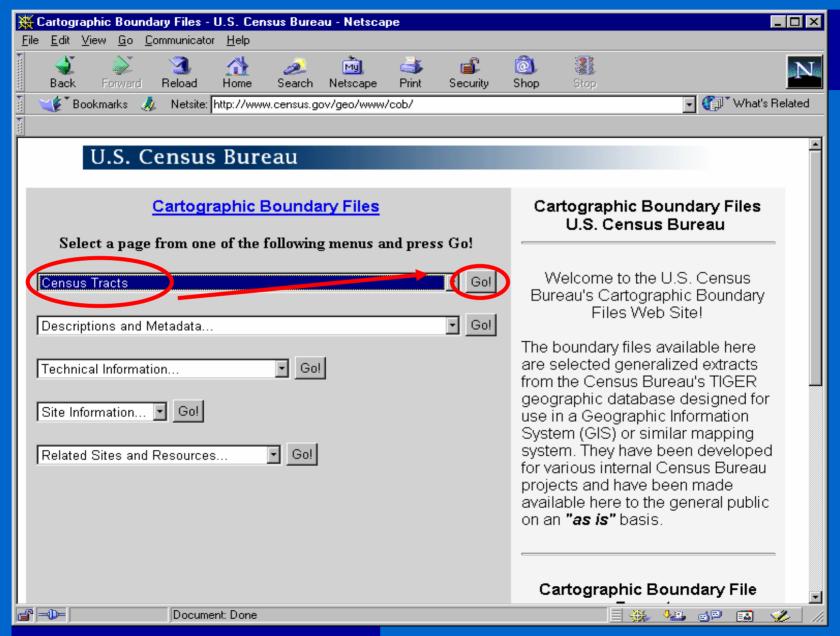
Geographic Products: Boundary Files

- Generalized from TIGER data
- For use by customer's mapping software for most levels of reporting geography
- 1990 Boundary Files available NOW from Cartographic Boundary Files link on TIGER Internet page

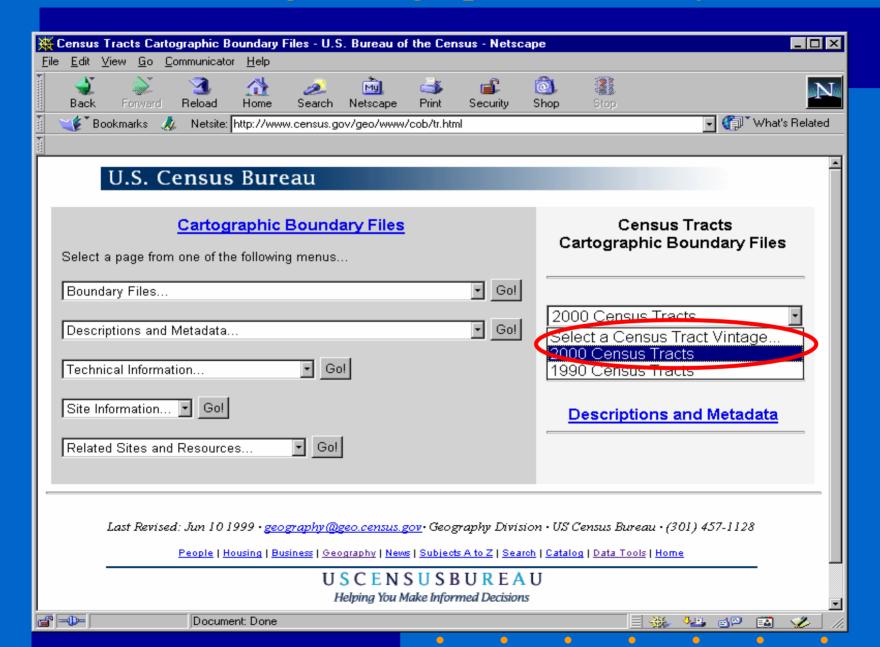
Cartographic Boundary Files



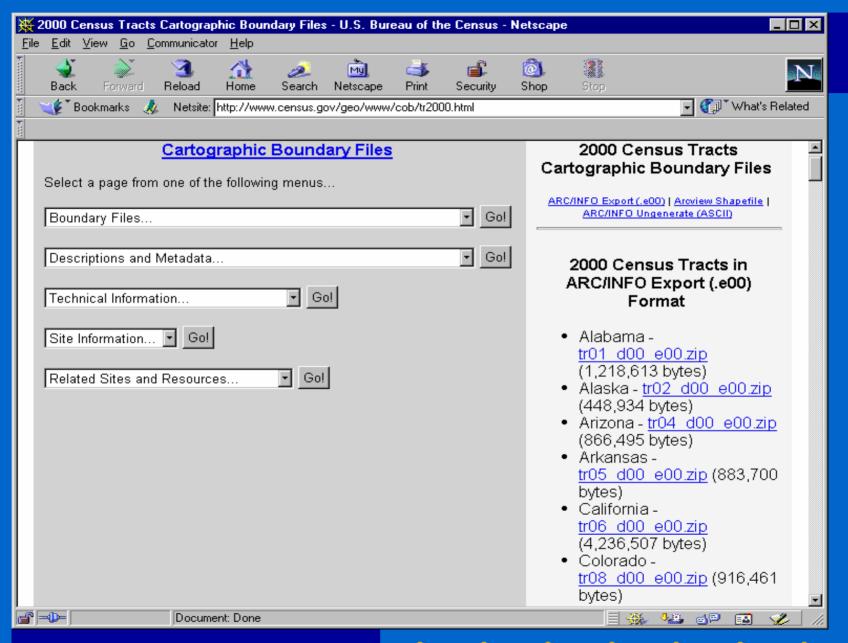
Downloading Cartographic Boundary Files



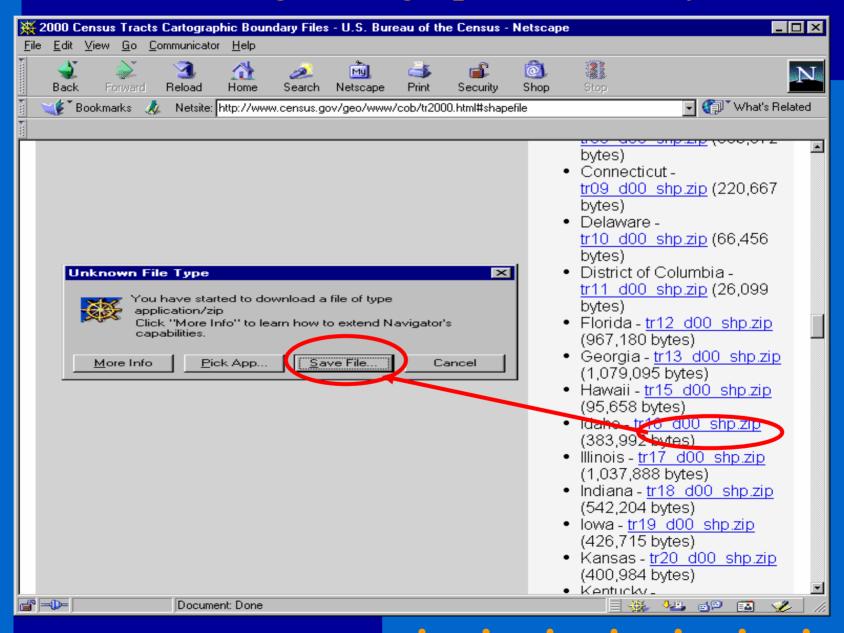
: Downloading Cartographic Boundary Files



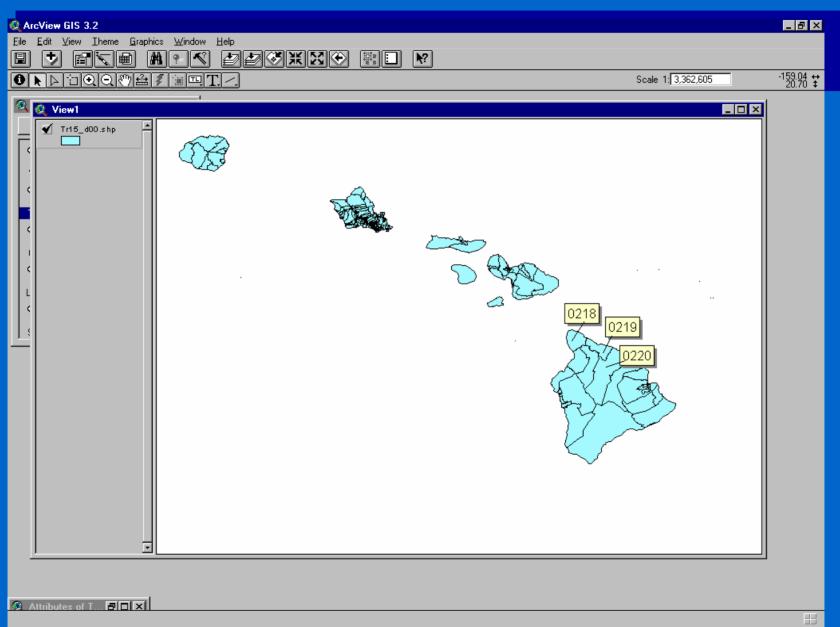
Downloading Cartographic Boundary Files



Downloading Cartographic Boundary Files

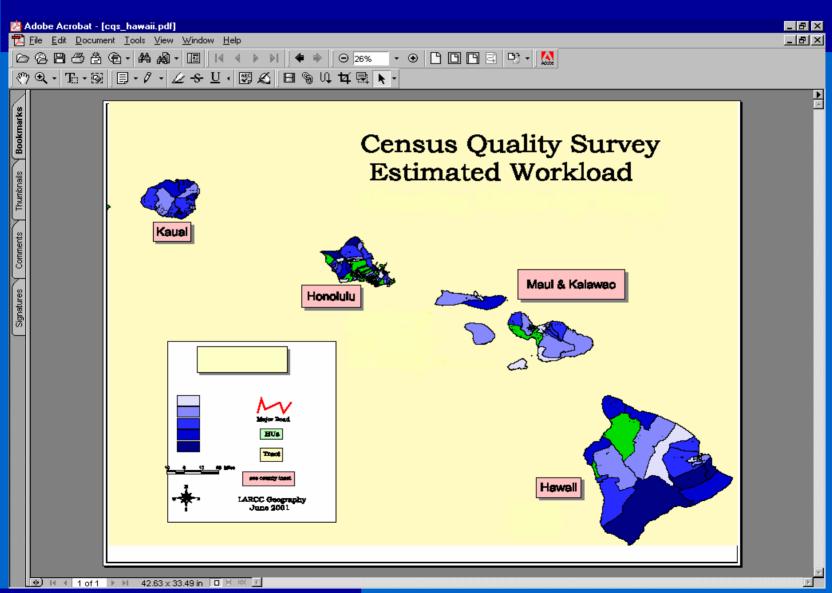


Cartographic boundary file in a GIS



Cartographic Boundary file with

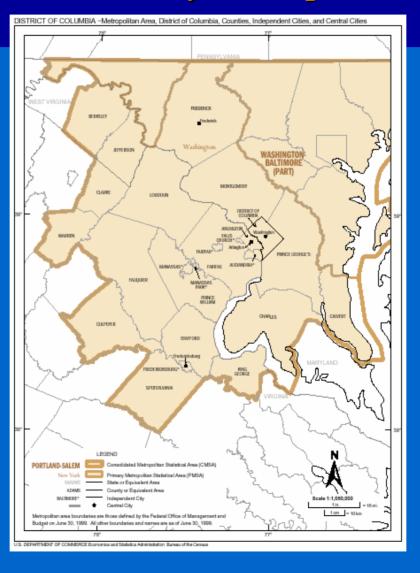
statistical data in a GIS



Geographic Products: Small Format Maps

- State/County Subdivision Map
- State/County Outline Map
- State/County Metropolitan Area Outline Map
- Urbanized Area Outline Map
- Congressional District Atlas
- Congressional District Wall Map
- ZCTA Outline Maps

Example of State/County Metropolitan Area Map



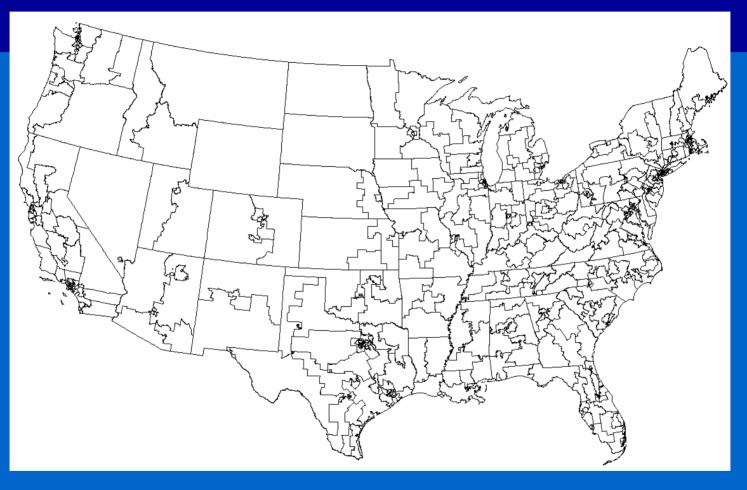
Geographic Products: Maps

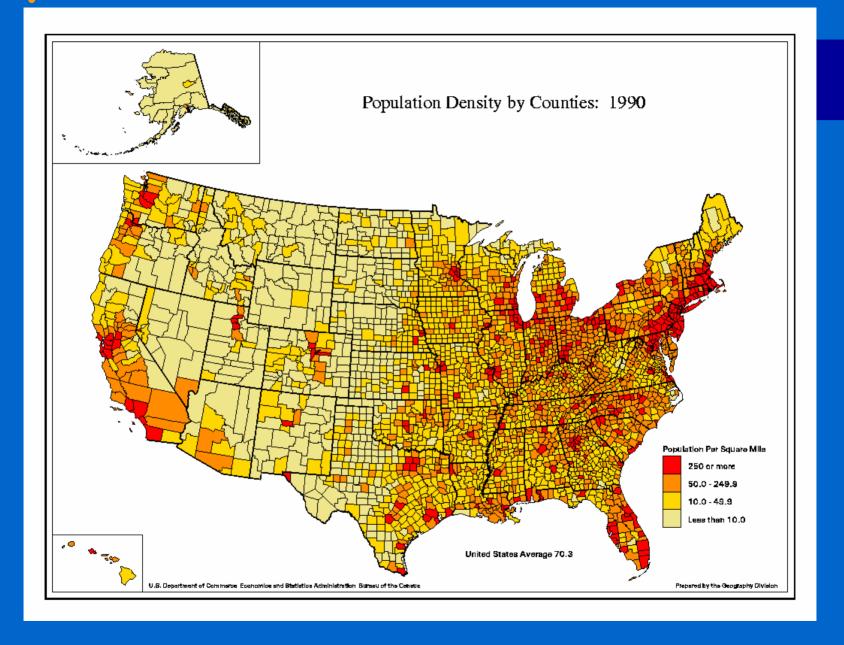
Statistical or Thematic Maps

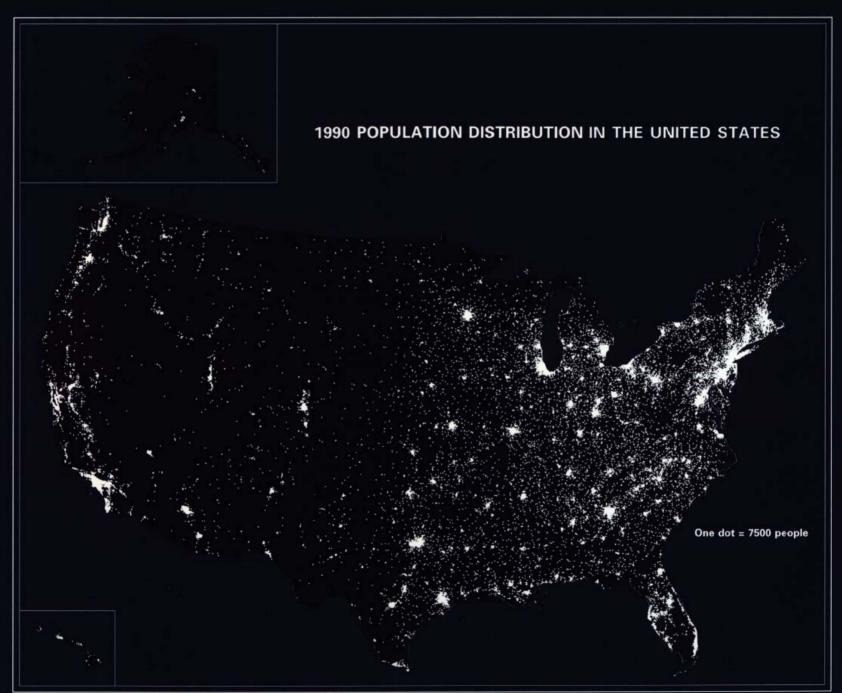
- Display geographic distribution of selected data
- Traditional and new topics
 - "Night Time" Map, Population density, etc.
 - PDF as well as some published paper copies

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Boundary File Example 106th Congressional Districts







Prepared by Geography Division, U.S. Department of Commerce Economics and Statistics Administration, Bureau of the Const

QuestionsAbout Geographic Products?

http://www.census.gov/rolax/www/linda.kane.akers@census.gov

