



ESRI Data & Maps 1999

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ESRI Data & Maps 1999

Overview ESRI Data & Maps 1999 contains many types of map data at many scales of geography. The data is provided in shapefile format and can be read directly from the CD-ROMs. CD-ROM 1 contains the Windows help file (esridata.hlp) with information about the data including appropriate scales for display and redistribution rights. Please check this information before redistributing any of this data. All shapefiles include projection files for use by the new Projection Utility for Shapefiles available with ArcView® GIS 3.2 and ArcInfo™ 8 software. All United States data sets are in North American Datum of 1983 (NAD83).

The data is organized on five CD-ROMs. CD-ROM 1 contains data for the world, Mexico, Canada, Europe, and the United States. Data for the United States is continued on CD-ROM 2. Detailed data for the regions of the United States is divided into the west on CD-ROM 3, the east on CD-ROM 4, and the south on CD-ROM 5. Sample image data also resides on CD-ROM 5.

The data is useful for general purpose basemaps and for more specific uses. The data can make a new user productive and the software useful as soon as the box is opened. For each geography included, the significant basemap layers are boundaries, cities, rivers, and roads. This generalized basemap information is available for the world, Canada, Mexico, the United States, and fifty-four European countries. In addition, where possible, demographic data is provided for subnational boundaries such as states, counties, or their equivalents.

Each data set includes a projection file (.prj). The projection file stores the coordinate system information for the data set. This is used by the new Projection Utility for Shapefiles, available with ArcView GIS 3.2, to display the coordinate system information of the shapefile. All United States data sets are in NAD83. All world and European data sets are in World Geodetic System of 1984 (WGS84) datum. All Canada and Mexico data sets are in North American Datum of 1927 (NAD27).

Four world data sets of special interest include the World Wildlife Fund Conservation Science Program World Ecological Regions, WorldSat color-shaded relief image created from combining hundreds of satellite images, administrative boundaries with subnational boundaries for all countries of the world, and gazetteer points with more than 150,000 names of map features from the 1:1,000,000-scale Digital Chart of the World.

A large amount of data is included for the United States. Generalized state and county boundaries and detailed versions of these boundaries are included. Other boundaries include U.S. Census Bureau census tracts and block groups and 1999 five-digit ZIP Code boundaries from Geographic Data Technology, Inc. (GDT). A selection of 1990 census attributes from Summary Tape File 1 is included for basic demographic information for

each of these boundary files. In addition, 1999 population estimates from CACI International, Inc., are included for each of these boundaries to enable basic evaluation of growth and decline for an area as small as a neighborhood. For the most detailed assessment of where people live, block centroids and their 1990 population are included by state for the more than seven million census blocks. A very detailed population density map can be made with this data using ArcView Spatial Analyst extension.

Basemap information for the United States includes the detailed boundary files as well as a number of line and point feature sources. Major roads from GDT and federal, state, and county highways and railroads from the National Transportation Atlas provide a detailed look at the transportation network. Major water features and permanent streams are provided for water reference. The major water features include most larger lakes and rivers that are wide enough to be represented as polygons. These are in a single file for the whole United States. The rivers are from the Census Bureau's Topologically Integrated Geographic Encoding and Referencing (TIGER) files and are provided by individual states because of the amount of data. Since small lakes are not included, there may be some holes in the river systems, but the data makes an effective basemap up to 1:100,000 scale.

Other polygonal data for the United States includes parks, large area landmarks, airports, congressional districts, Designated Market Areas (DMAs), and urbanized areas. Parks identify large units of public land including all national parks, national forests, most state parks, and a number of local parks. Landmarks include boundaries like military land, prisons, and educational lands. Airports include airport boundaries and layout of the runways of the airports. Urbanized areas are defined by the Census Bureau as the land that is urbanized around cities of 50,000 people or more.

Point features include landmark locations from GDT. Institutions, shopping centers, transportation terminals, and recreation areas are named locations and can be used for reference when making a map of an urban area. Cultural features from the U.S. Geological Survey Geographic Names Information System are divided into nine layers because of the number of features involved. The completeness of this data is dependent on the currency of the map the features were drawn from, but often this data can be a source of features that are not found in other locations.

Sample image data includes samples in the Orlando, Florida, area of Landsat, SPOT, and Indian Remote Sensing (IRS) satellite images as well as a digital color air photo for comparison of additional data sources that may be valuable in your research or mapping.

Each data set comes with a legend file (.avl) that is automatically used to display the data when it is added to a view document in ArcView GIS. The legend file is only one of the ways that many of the data sets can be displayed because of the wealth of attributes associated with these features. This data is a useful base for your applications. In many cases it may be all of the data you will need to present your information in a new way.

ESRI Data & Maps 1999: Content

World— CD-ROM 1

Countries (Generalized and Detailed)

The World Countries data set represents 251 countries including those created from the former Soviet Union, Yugoslavia, and Czechoslovakia such as Russia and Slovenia and the new African nation of Eritrea. World Countries is generalized to improve draw performance and to be used effectively at a global level. World Countries 1998 is sufficiently detailed to be used effectively at national levels.

Subcountry Administrative Unit Boundaries

The World Subcountry Administrative Units data set represents 2,604 first-level administrative units such as states and provinces.

Demographic/ Political Attributes

The World Demographics data set is a table with twenty-eight country attributes on population, vital statistics, and the economy. World Political Organization Membership is a table with fourteen attributes on membership of countries in world political organizations such as the United Nations and the Food and Agriculture Organization (FAO). These tables include attributes for 1998 (both scales) and 1992 world countries. To display World Demographics or World Political Organization Membership attributes on a map, join either table to the World Countries 1998 (generalized and detailed) or World Countries 1992 table using "Fips_code," "Fips_cntry," or "Abbrevname" as the common field.

Cities

The World Cities data set contains locations of major cities around the world. The cities include national capitals for each of the countries in World Countries 1998 as well as major population centers and landmark cities.

Gazetteer Points Including Places and Airports

The World Gazetteer data set contains proper names for map features around the world. The gazetteer includes attribute and annotation name information from various layers of the Digital Chart of the World. The original source for the names is the National Imagery and Mapping Agency Operational Navigation Charts (ONCs) at 1:1,000,000 scale. This layer may be used to find locations by their proper name anywhere around the world.

Lakes and Rivers

The World Lakes and Rivers data set contains major lakes, drainage systems, and rivers of the world as well as shorelines. Displaying the World Lakes and Rivers data set is the easiest way to display all the water features and their names.

<i>Latitude and Longitude Grids</i>	The World Latitude and Longitude Grids data sets contain named latitudes and longitudes, five-degree latitudes and longitudes, and a thirty-degree colored world map background. World Named Latitudes and Longitudes displays geographically significant lines of reference such as the equator, tropics, Arctic and Antarctic circles, prime meridian, and international date line. It also contains their names and values as attributes. World Latitude and Longitude Grids contains a five-degree by five-degree grid and fields that allow you to display grids at intervals of five, ten, fifteen, twenty, and thirty degrees. World Map Background can be used for displaying a shaded background on which other data can be displayed. For example, use the World Map Background to quickly display a blue ocean theme behind other land-based themes such as World Countries.
<i>World Wildlife Fund Ecoregions</i>	The World Wildlife Fund Ecoregions data set contains 24,944 defined global ecoregions. Ecoregions are defined as relatively large areas of land or water that share a large majority of their species, dynamics, and environmental conditions.
<i>WorldSat Color-Shaded Relief Image</i>	The World WorldSat color-shaded relief image is a cloud-free view of the earth produced by mosaicking hundreds of individual 1996 National Oceanographic and Atmospheric Administration weather satellite images. On completion of the base satellite mosaic, the land areas were enhanced with shaded relief imagery derived from 1,000-meter digital elevation data. For the ocean areas, WorldSat incorporated ocean floor relief data (bathymetry), providing a view of the undersea topography.
Europe— CD-ROM 1	
<i>Country Boundaries</i>	The Europe Countries data set represents fifty-four countries including those countries created from the former Soviet Union, Yugoslavia, and Czechoslovakia such as Ukraine and Slovenia.
<i>Subcountry Administrative Unit Boundaries</i>	The Europe Subcountry Administrative Units data set represents 582 first-level administrative units such as states and provinces.
<i>Physical Attributes</i>	The Europe physical information comprises five attributes on population and area included in the Subcountry Administrative Units table.
<i>Cities</i>	The Europe Cities data set contains the locations of more than 600 cities including national capitals, first-level administrative unit capitals, major population centers, and landmark cities.
<i>Urban Areas (Major and Detailed)</i>	The Europe Urban Areas data sets contain two levels of detail. The Europe Major Urbanized Areas are depictions of the largest urbanized areas of Europe. The Europe Urbanized Areas data sets are depictions of the urbanized areas of Europe and include the major urbanized areas. Both data sets represent the shape of the urbanized area as viewed from the air, which do not necessarily conform to political boundaries.
<i>Places</i>	The Europe Places data set contains the populated places in Europe.

<i>Roads</i>	The Europe Roads data set contains the roads in Europe including their descriptions.
<i>Railroads</i>	The Europe Railroads data set contains the railroads in Europe including their descriptions.
<i>Rivers (Major and Detailed)</i>	The Europe Rivers data sets contain two levels of detail. The Europe Major Rivers contains the major river routes in Europe. The Europe Rivers contains the major rivers and thousands of tributaries in Europe.
<i>Water</i>	The Europe Water data set contains all the perennial inland water for Europe. Use this data set with the detailed Europe Rivers to make a complete drainage system.
<i>List of Countries</i>	Country data is available for the following countries:
	Albania
	Andorra
	Armenia
	Austria
	Azerbaijan
	Belarus
	Belgium
	Bosnia Herzegovina
	Bulgaria
	Croatia
	Czech Republic
	Denmark
	Estonia
	Faeroe Islands
	Finland
	France
	Georgia
	Germany
	Gibraltar
	Greece
	Guernsey
	Hungary
	Iceland
	Ireland
	Isle of Man
	Italy
	Jan Mayen
	Jersey
	Latvia
	Liechtenstein
	Lithuania
	Luxembourg
	Macedonia
	Malta
	Moldova
	Monaco
	Montenegro
	Netherlands
	Norway
	Poland
	Portugal
	Romania
	Russia
	San Marino
	Serbia
	Slovakia
	Slovenia
	Spain
	Svalbard
	Sweden
	Switzerland
	Turkey
	Ukraine
	United Kingdom

Canada— CD-ROM 1

<i>Province Boundaries</i>	The Canada Provinces data set represents the twelve Canadian provinces and territories as well as coastlines, international boundaries, and provincial boundaries.
<i>Demographic Attributes</i>	The Canada Demographics comprises four attributes on province population included in the Canada Provinces table.
<i>Cities</i>	The Canada Cities data set contains locations for twenty-five important Canadian cities. The cities include capitals for each of the twelve provinces and territories in Canada provinces and other major population centers or landmark cities.
<i>Highways</i>	The Canada Roads data set contains major roads within Canada. Use the Canada Roads data set to easily display roads by their administrative class, toll information, and route number (e.g., Alberta Hwy 2). Use the Canada Routes data set to display roads by only their route number.
<i>Rivers and Lakes</i>	The Canada Rivers, Drainage Systems, and Lakes data sets contain major water bodies and rivers in Canada.

Mexico— CD-ROM 1

<i>State Boundaries</i>	The Mexico States data set represents the thirty-two Mexican states as well as coastlines, international boundaries, and state boundaries.
<i>Demographic Attributes</i>	The Mexico Demographics comprise eight state demographic attributes included in the Mexico States table.
<i>Cities</i>	The Mexico Cities data set contains locations for thirty-six major Mexican cities. The cities include capitals for each of the thirty-two states in the Mexico States data set.
<i>Highways</i>	The Mexico Roads data set contains major roads within Mexico. Use the Mexico Roads data set to display the roads by their administrative class, toll information, and route number (e.g., Federal Hwy 190). Use the Mexico Routes data set to display roads by only their route number.
<i>Rivers and Lakes</i>	The Mexico Rivers, Drainage Systems, and Lakes data sets contain the major water bodies and rivers in Mexico.

United States— CD-ROM 1

<i>States and Counties (Generalized)</i>	The U.S. States and Counties data sets represent all fifty states, the District of Columbia, and all of the counties in the United States. They are generalized to improve draw performance and to be used effectively at a national level.
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<i>Census Attributes</i>	Census attributes are from the 1990 U.S. Census of Population and Housing, Summary Tape File 1. They include a basic selection of attributes in forty-six descriptive fields of basic demographic and housing counts. The 1999 population count is included as estimated by CACI. These attributes are included in the generalized U.S. States and Counties and U.S. Cities data sets.
<i>Census Feature Class Codes</i>	The U.S. Bureau of the Census feature class codes (CFCC, also called FCC) provide information on the classification of a feature. The Census FCCs are used in many geodatasets. To display Census FCC attributes, join the Census FCC table to any table with "FCC" or "CFCC" as the common field.
<i>County Population Estimates Attributes</i>	The U.S. County Population Estimates table provides county population attributes from the Federal State Cooperative Program for Population Estimates (FSCPE). The program promotes the cooperation between the states and the U.S. Bureau of the Census. These population estimates contain revisions of estimates from previous years and the results of special censuses and test censuses conducted by the Census Bureau.
<i>Cities</i>	The U.S. Cities data set contains locations for cities with populations of 10,000 or more and all state capitals. Attributes include city name, FIPS code, census type, elevation above sea level, and demographic data from U.S. Bureau of the Census 1990 Summary Tape File 1C (STF-1C).
<i>Places</i>	The U.S. Places data set contains locations for all populated places identified by the U.S. Bureau of the Census. Attributes include city name, FIPS code, census type, and selected demographic data.
<i>Places Boundaries</i>	The U.S. Places Areas data set contains areal locations for all populated places identified by the U.S. Bureau of the Census. Attributes include city name, FIPS code, census type, and selected demographic data.
<i>Areas of Dominant Influence</i>	The U.S. ADI data set identifies Areas of Dominant Influence (ADI). ADIs usually consist of one or more whole counties and represent the viewing areas of commercial and satellite television stations that receive the majority of total viewing hours based on annual statistical survey samples. They are areas defined by the Arbitron Ratings Company. ADIs are typically named for their major metropolitan area. Some ADIs have outlying areas with strong secondary influence. These areas are identified in the polygon feature class with the field "non_adi_nm."
<i>Designated Market Areas</i>	The U.S. Designated Market Area (DMA) data set contains the group of surrounding counties or split counties (by 5-digit ZIP) in which metropolitan central area commercial TV stations achieve the largest audience share. DMAs are designed by A.C. Nielsen and define nonoverlapping geography for planning, buying, and evaluating television audiences across various markets.

<i>Interstates</i>	The U.S. Interstates data set is from the National Highway Planning Network Version 2.1 published by the Bureau of Transportation Statistics as part of the National Transportation Atlas Database. The National Highway Planning Network is a comprehensive database of the nation's principal highway system and other national highway system routes. The nominal scale of the data set is 1:100,000 with a maximal positional error of eighty meters. This data set includes all road segments of the original data set, but only a subset of the National Transportation Atlas attributes.
<i>Major Road Network</i>	The U.S. Major Road Network data set is from the National Highway Planning Network Version 2.1 published by the Bureau of Transportation Statistics as part of the National Transportation Atlas Database. The National Highway Planning Network is a comprehensive database of the nation's principal highway system and other national highway system routes. The nominal scale of the data set is 1:100,000 with a maximal positional error of eighty meters. This data set includes the major highway road segments of the original data set and is suitable for routing, but it includes only a subset of the attributes. The entire United States data set can be found on the ArcView Network Analyst CD-ROM.
<i>Roads and Routes</i>	The U.S. Roads contains interstate highways and major roads within the United States. Use the U.S. Roads to easily display roads by their administrative class, toll information, and route number (e.g., Pennsylvania State Hwy 9). The U.S. Routes contains interstate highways and major roads as routes. Use the U.S. Routes to display roads by only their route number.
<i>GDT Major Roads</i>	The U.S. Major Roads data set contains interstates, U.S. and state highways, and other major thoroughfares for the United States. The shapefile overlays accurately on streets and other boundary data. The Major Roads data set provides an invaluable reference and cartographic layer that makes it easy to identify areas on other feature layers. The United States Major Roads data file is provided by Geographic Data Technology, Inc. The data is a modification of the Bureau of the Census TIGER/Line files.
<i>Rivers and Lakes</i>	The U.S. Lakes and Rivers data set contains major water bodies and rivers in the United States.
<i>Parks</i>	The U.S. Parks data set contains locations for areas in national parks, national forests, and state and local parks. The national parks are provided by the National Park Service; the national forests are provided by ESRI from the ArcUSA™ data product; and the remainder are provided by Geographic Data Technology Dynamap/2000 v7.3.
<i>Telephone Area Codes</i>	The U.S. Numbering Plan Area (NPA) code boundaries are provided for the entire United States. They are also known as the telephone area codes.
<i>ZIP Code Points</i>	The U.S. ZIP Codes data set contains locations for five-digit ZIP Codes for the entire United States. The 1999 ZIP Code locations are from Geographic Data Technology, Inc., based on 1998 data derived from U.S. Postal Service data and other sources.

<i>3-Digit ZIP Code Areas</i>	The U.S. 3-Digit ZIP Code data set is an ESRI-developed shapefile that contains three-digit ZIP Code areas for all fifty states and the District of Columbia. This file was created by merging the five-digit ZIP Code areas on the first three-digits of the "ZIP" field.
United States (Continued)— CD-ROM 2	
<i>State and County Boundaries (Detailed)</i>	The U.S. States and Counties data sets represent all fifty states, the District of Columbia, and all the counties in the United States. The detailed versions have boundaries that are consistent with the tract, ZIP Code, and major road data sets and have boundaries that are good for regional- and state-level maps.
<i>Census Tracts</i>	The U.S. Census Tracts data set depicts census tracts for the whole United States. These data sets are the actual census tracts and BNAs as defined by the Bureau of the Census. Census tracts are geographic entities within a county having relatively homogeneous demographic characteristics and a population of 2,500 to 8,000 people. Block numbering areas follow the same basic criteria as tracts in counties without formally defined tracts, but because they occur in lightly populated areas they may have fewer people.
<i>Census Attributes</i>	Census attributes are from the 1990 U.S. Census of Population and Housing, Summary Tape File 1. They include a basic selection of attributes in forty-six descriptive fields of basic demographic and housing counts. The 1999 population count is included as estimated by CACI. These attributes are included in the following data sets: detailed U.S. States and Counties, U.S. Census Tracts, and Metropolitan Statistical Areas.
<i>Congressional Districts</i>	The U.S. Congressional Districts data set is a geographic database of political boundaries for the 104th Congressional districts. The data provides users with information about the locations of congressional districts, primarily for national planning applications. This data is from the Bureau of Transportation Statistics National Transportation Atlas Database.
<i>Urbanized Areas</i>	The U.S. Bureau of the Census Urbanized Areas database is a geographic database of boundaries for urban areas with a population greater than 50,000. The database includes boundaries for urban areas in all fifty states and the District of Columbia. The data provides users with information about the locations, names, urban census, FIPS codes, and size of urban areas primarily for national planning applications.
<i>Metropolitan Statistical Areas</i>	The U.S. Metropolitan Statistical Areas data set represents the U.S. Office of Management and Budget defined metropolitan statistical areas according to published standards that are applied to Census Bureau data. The units are the defined metropolitan statistical areas except for New England, where the boundaries are defined as New England county metropolitan areas (NECMA).

<i>5-Digit ZIP Code Areas</i>	The U.S. ZIP Code data set is a collection of ESRI® shapefiles that contain five-digit ZIP Code areas for each of the fifty states and the District of Columbia. The 1999 ZIP Code areas are from Geographic Data Technology, Inc., based on 1998 data derived from U.S. Postal Service data and other sources.
<i>Highways</i>	The U.S. Highways data set is from the National Highway Planning Network Version 2.1 published by the Bureau of Transportation Statistics as part of the National Transportation Atlas Database. The National Highway Planning Network is a comprehensive database of the nation's principal highway system and other national highway system routes. The nominal scale of the data set is 1:100,000 with a maximal positional error of eighty meters. This data set includes all road segments of the original data set but only a subset of the National Transportation Atlas attributes.
<i>U.S. Highway Routes</i>	The U.S. Highway Routes data set is from the National Highway Planning Network Version 2.1 published by the Bureau of Transportation Statistics as part of the National Transportation Atlas Database. The National Highway Planning Network is a comprehensive database of the nation's principal highway system and other national highway system routes. The nominal scale of the data set is 1:100,000 with a maximal positional error of eighty meters. This data set includes all road segments of the original data set but only a subset of the National Transportation Atlas attributes.
<i>Railroads</i>	The U.S. Railroads data set is a comprehensive database of the nation's railway system at 1:100,000 scale. The data set covers the forty-eight contiguous states plus the District of Columbia. The database provides location and partial attribute information for use in national and regional network analysis applications. The partial attribute list identifying fourteen railroad ownership and trackage rights is based on information received from the Federal Railroad Administration. A partial quality control evaluation of the accuracy of these attributes was performed on the database. The likelihood of attribute errors is greater in the urban than in the rural areas.
<i>Major Water Bodies</i>	The U.S. Major Water Bodies data set contains areas that are major water features. This data set was provided by Geographic Data Technology from the Dynamap/2000 Version 9.0 release.
<i>Airports</i>	The U.S. Airports data set contains locations for airports of sufficient size to have an instrument landing system. Airports are represented by two types of polygons, airport boundaries and airport runways. All airports have a boundary and most have at least one runway. This data set was provided by Geographic Data Technology from the Dynamap/2000 Version 9.0 release.
<i>Institutions</i>	The U.S. Institutions data set contains locations for common point institution landmark types including hospitals, schools, churches, government centers, and cemeteries. This data set was provided by Geographic Data Technology from the Dynamap/2000 Version 9.0 release.

<i>Large Area Landmarks</i>	The U.S. Large Area Landmarks data set contains locations for common areal landmark types including military, prison, educational, amusement, government, sports, golf, and cemetery lands. This data set was provided by Geographic Data Technology from the Dynamap/2000 Version 9.0 release.
<i>Parks</i>	The U.S. Parks data set contains locations for areas in national, state, and local parks. This data set was provided by Geographic Data Technology from the Dynamap/2000 Version 9.0 release.
<i>Recreation Areas</i>	The U.S. Recreation Areas data set contains locations for common point recreation landmark types including golf courses, zoos, resorts, and other recreational facilities. This data set was provided by Geographic Data Technology from the Dynamap/2000 Version 9.0 release.
<i>Retail Centers</i>	The U.S. Retail Centers data set contains locations for major retail centers. This data set was provided by Geographic Data Technology from the Dynamap/2000 Version 9.0 release.
<i>Transportation Terminals</i>	The U.S. Transportation Terminals data set contains locations for transportation terminals such as bus depots, train stations, and other significant transportation nodes. This data set was provided by Geographic Data Technology from the Dynamap/2000 Version 9.0 release.
<i>Geographic Names Information System Cultural Points</i>	The purpose of the U.S. Geographic Names Information System Cultural Points data set is to promote geographic feature name standardization and to serve as the federal government's repository of information regarding feature name spellings and applications in the United States. The names listed in the inventory can be published on federal maps, charts, and in other documents. The feature locative information has been used in emergency preparedness, marketing, site selection and analysis, genealogical and historical research, and transportation routing applications. For this data set, each of the cultural feature types has been extracted into individual data sets to keep the number of features at a reasonable level.

Cultural Features	Points
Populated Places	167,203
Schools	139,523
Churches	127,949
Cemeteries	109,557
Locales	107,266
Summits	69,498
Buildings	15,127
Hospitals	5,314
Golf Courses	2,316

United States Detailed
Data by State—
CD-ROMs 3, 4,
and 5

Census Tracts

The U.S. Census Tracts data set represents a collection of ESRI shapefiles, one for each of the fifty states and the District of Columbia, that depicts the census tracts for the area. These data sets are the actual census tracts and BNAs as defined by the Bureau of the Census. Census tracts are geographic entities within a county having relatively homogeneous demographic characteristics and a population of 2,500 to 8,000 people. Block numbering areas follow the same basic criteria as tracts in counties without formally defined tracts, but because they occur in lightly populated areas they may have fewer people.

Census Block Groups

The U.S. Census Block Groups data set represents a collection of ESRI shapefiles, one for each of the fifty states and the District of Columbia, that depicts the census block groups for the area. These data sets are the actual census block groups as defined by the Bureau of the Census. Census block groups are geographic entities within the same census tract or BNA having the same first digit of their three-digit block numbers. Block groups never cross the boundaries of county subdivisions, places, urbanized areas, voting districts, congressional districts, and American Indian/Alaska Native areas. Block groups generally contain between 250 and 550 housing units. Each block group usually covers a contiguous area. Each census tract/BNA contains at least one block group. Block groups are uniquely numbered within each census tract/BNA.

*Census Block
Centroid Populations*

The U.S. Block Population data set contains the population for the block centroids for all fifty states and the District of Columbia. This data is the actual census block centroids as defined by the Bureau of the Census from Public Law 94-171 population files. Census blocks are the smallest geographic entities within a county for which the Census Bureau tabulates population. 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.

Census Attributes

Census attributes are from the 1990 U.S. Census of Population and Housing, Summary Tape File 1. They include a basic selection of attributes in forty-six descriptive fields of basic demographic and housing counts. The 1999 population count estimate is included as estimated by CACI. These attributes are included in the following data sets: U.S. Census Tracts and U.S. Census Block Groups. U.S. ZIP Code demographic attributes are from the 1990 Census of Population (STF-3B). These attributes are included in the U.S. ZIP Code Areas data set.

Rivers

The U.S. Rivers data set represents a collection of ESRI shapefiles, one for each of the fifty states and the District of Columbia, that depicts the rivers for the area. This data was extracted from the standard Geographic Data Technology line water layer and includes only FCC codes H10 and H11. These line segments were chained and thinned to serve as a reference cartographic layer. Many of the cartographic problems inherent in the original 1:100,000-scale source data remain; however, for small areas these rivers make a nice cartographic addition to many basemaps.

GDT Major Roads

The U.S. Major Roads data set is a collection of ESRI shapefiles that contains interstates, U.S. and state highways, and other major thoroughfares for each state. Each shapefile overlays accurately on streets and other boundary data. The Major Roads data set provides an invaluable reference and cartographic layer that makes it easy to identify areas on other feature layers. The United States major roads data files are provided by Geographic Data Technology, Inc. The data is a modification of the Bureau of the Census TIGER/Line files.

ZIP Code Areas

The U.S. ZIP Code data set is a collection of ESRI shapefiles that contain five-digit ZIP Code areas for each of the fifty states and the District of Columbia. The 1999 ZIP Code areas are from Geographic Data Technology, Inc., based on 1998 data derived from U.S. Postal Service data and other sources.

*States on CD-ROMs
3, 4, and 5*States Included in
West United States on
CD-ROM 3

Alaska	New Mexico
Arizona	North Dakota
California	Oklahoma
Colorado	Oregon
Hawaii	South Dakota
Idaho	Texas
Kansas	Utah
Montana	Washington
Nebraska	Wyoming
Nevada	

States Included in
East United States on
CD-ROM 4

Connecticut	Missouri
Delaware	New Hampshire
District of Columbia	New Jersey
Illinois	New York
Indiana	Ohio
Iowa	Pennsylvania
Maine	Rhode Island
Maryland	Vermont
Massachusetts	West Virginia
Michigan	Wisconsin
Minnesota	

States Included in
South United States
on CD-ROM 5

Alabama	Mississippi
Arkansas	North Carolina
Florida	South Carolina
Georgia	Tennessee
Kentucky	Virginia
Louisiana	

Sample Image Data—
CD-ROM 5

*The MapFactory
Images*

The MapFactory images of the Orlando, Florida, area include four different resolutions from four different sources: The MapFactory's high-resolution imagery at 1-foot ground resolution; IRS satellite imagery at 5.8-meter spatial resolution; SPOT Image Corporation satellite imagery at 10-meter spatial resolution; and Landsat thematic mapper satellite imagery at 28.5-meter spatial resolution.

*North American
Shaded Relief Image*

The North American shaded relief image was created from a 30 arc-second digital elevation model for North America. The georeferenced image is in a Lambert Conformal Conic Projection with a cell size of approximately 1 kilometer.