

Identification_Information:

Citation:

Citation_Information:

Originator: Norman B. Bliss

Publication_Date: 2002

Title: cty2mc

Edition: 1.0

Geospatial_Data_Presentation_Form: vector digital data

Other_Citation_Details:

<http://landcover.usgs.gov/><http://edc.usgs.gov>Online_Linkage: <http://edc2.usgs.gov/lccp/cropland/index.asp>

Description:

Abstract:

The data set is a time series of population size and area of agricultural land for each county in the conterminous United States. It was developed to provide data on the timing of land conversion as an input to dynamic models of the carbon cycle. A wide variety of additional applications may be developed in the physical, biological, and social sciences. The original census attributes for population and land in farms were attached to the appropriate county boundaries for each census year between 1790 and 1997. The original county boundaries for each census decade, developed by Louisiana State University, were edited and overlaid with the modern county boundaries in a "union" process. The area and proportion of agricultural land from 1850 to 1997 and the population size and density from 1790 to 1990 were calculated from the original county boundaries onto the modern county boundaries.

The resulting time series can be used to show the history of population (1790 to 1990) and the history of agricultural development (1850 to 1997). The trends of agricultural development reflect the influences of climate, soil productivity, increases in population size, variations in the general economy, and technological changes in the energy, transportation, and agricultural sectors.

Purpose: This data set was developed to establish the extent of disturbances, such as plowing, clearing and grazing, to the landscape of the conterminous U.S. over time.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1790

Beginning_Time: unknown

Ending_Date: 1997

Ending_Time: unknown

Currentness_Reference: publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -127.871892

East_Bounding_Coordinate: -65.356125

North_Bounding_Coordinate: 51.602978

South_Bounding_Coordinate: 22.877533

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Historical

Theme_Keyword: Population

Theme_Keyword: Agriculture

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Conterminous United States

Place_Keyword: County

Access_Constraints: None

Use_Constraints: None

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Norman B. Bliss (primary contact) and Pamela J. Waisanen (secondary contact)

Contact_Organization: U.S. Geological Survey, EROS Data Center

Contact_Position: Scientists

Contact_Address:

Address_Type: mailing and physical address

Address: 47914 252nd Street

Address: EROS Data Center

City: Sioux Falls

State_or_Province: South Dakota

Postal_Code: 57198-0001

Country: USA

Contact_Voice_Telephone: 605.594.6034

Contact_TDD/TTY_Telephone: 605.594.6933

Contact_Facsimile_Telephone: 605.594.6529

Contact_Electronic_Mail_Address: bliss@usgs.gov

Hours_of_Service: 0800 - 1600 CT, M-F -6 h GMT

Contact_Instructions: <http://landcover.usgs.gov/>

Data_Set_Credit: Acknowledgement of the U.S. Geological Survey would be appreciated in products derived from these data.

Security_Information:

Security_Classification_System: None

Security_Classification: Unclassified

Security_Handling_Description: None

Native_Data_Set_Environment: Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 1; ESRI ArcCatalog 8.2.0.700

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Methods for determining accuracy are explained in Changes in population and agricultural land in conterminous United States counties, 1790 to 1997 by Waisanen, P.J., and N.B. Bliss.

Quantitative_Attribute_Accuracy_Assessment:

Logical_Consistency_Report: Polygon topology present

Completeness_Report:

All data were found to be topologically correct. No duplicate features are present. All polygons are closed and all lines intersect where intended.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: Waisanen, P.J., and N.B. Bliss

Publication_Date: 2002

Title: Changes in population and agricultural land in conterminous United States counties, 1790 to 1997

Geospatial_Data_Presentation_Form: map

Series_Information:

Series_Name: Global Biogeochem. Cycles

Issue_Identification: 16(4), 1137, doi:10.1029/2001GB001843, 2002

Online_Linkage: <http://www.agu.org>

Type_of_Source_Media: publication

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2002

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Ref. 1

Source_Contribution: Population and agriculture changes

Source_Information:

Source_Citation:

Citation_Information:

Originator: Earle, Carville and John Heppen

Publication_Date: 1996

Title: The historical U.S. County Boundary (HUSCO) Files, 1790-1840

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Baton Rouge, LA

Publisher: Geoscience Publications, Dept. of Geography and Anthropology, Louisiana

State University

Other_Citation_Details: CDROM

Online_Linkage: <http://www.ga.lsu.edu/husco.html>

Type_of_Source_Media: CD-ROM

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1790

Ending_Date: 1840

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Ref. 2

Source_Contribution: County boundaries

Source_Information:

Source_Citation:

Citation_Information:

Originator: Earle, C. and C. Cao

Publication_Date: 1991

Title: The historical U.S. county (HUSCO) boundary files, 1850-1970

Geospatial_Data_Presentation_Form: vector digital data

Publication_Information:

Publication_Place: Baton Rouge, LA

Publisher: Geoscience Publications, Dept. of Geography and Anthropology, Louisiana

State University

Other_Citation_Details: CDROM

Online_Linkage: <http://www.ga.lsu.edu/husco.html>

Type_of_Source_Media: CD-ROM

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1850

Ending_Date: 1970

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Ref. 3

Source_Contribution: County boundaries

Source_Information:

Source_Citation:

Citation_Information:

Originator: Geolytics, Inc.

Publication_Date: 1999

Title: Census CD+ Maps on CD-ROM

Edition: Version 3.0

Geospatial_Data_Presentation_Form: multimedia presentation

Larger_Work_Citation:

Citation_Information:

Type_of_Source_Media: CD-ROM

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1970

Ending_Date: 1990

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Ref. 4

Source_Contribution: Census

Source_Information:

Source_Citation:

Citation_Information:

Originator: Inter-university Consortium for Political and Social Research (ICPSR)

Publication_Date: 1999

Title: Study Number S0003: Historical, Demographic, Economic, and Social Data: The United States, 1790-1970

Edition: 1.0

Geospatial_Data_Presentation_Form: multimedia presentation

Publication_Information:

Publication_Place: Ann Arbor, Michigan

Publisher: ICPSR

Online_Linkage: <http://www.icpsr.umich.edu:8080/ABSTRACTS/00003.xml?format=ICPSR>

Type_of_Source_Media: CD-ROM

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1790

Ending_Date: 1970

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Ref. 5

Source_Contribution: Historical data

Source_Information:

Source_Citation:

Citation_Information:

Originator: Economic Research Service, Historical Census of Agriculture Data

Publication_Date: Unknown

Title: Records of the Economic Research Service (record Group 354)

Edition: Volume 1

Geospatial_Data_Presentation_Form: multimedia presentation

Publication_Information:

Publication_Place: Washington, DC

Publisher: National Archives

Other_Citation_Details: Data compiled from Section 1, Ch. 3-4 of the Census of Agriculture

Type_of_Source_Media: CD-ROM

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 1999

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Ref. 6

Source_Contribution: Economic research

Source_Information:

Source_Citation:

Citation_Information:

Originator: U.S. Geological Survey

Publication_Date: 2001

Title: National Atlas, County Boundaries of the United States

Edition: 1.0

Geospatial_Data_Presentation_Form: ESRI shapefile

Publication_Information:

Publication_Place: Washington, DC

Publisher: U.S. Geological Survey

Other_Citation_Details: U.S. Geological Survey Digital Line Graph (DLG) files

representing the 1:2,000,000-scale map in the National Atlas of the United States, file for county boundaries, 2001: countyp020.tar.gz

Online_Linkage: <http://www.nationalatlas.gov/atlasftp.html>

Type_of_Source_Media: online
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 2001
Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: Ref. 7
Source_Contribution: National Atlas

Source_Information:

Source_Citation:

Citation_Information:

Originator: U.S. Census, U.S. Department of Commerce, Bureau of the Census
Publication_Date: 1987
Title: U.S. Census of Agriculture
Edition: Volume 1
Geospatial_Data_Presentation_Form: multimedia presentation

Publication_Information:

Publication_Place: Washington, DC
Publisher: U.S. Department of Commerce, Bureau of the Census

Other_Citation_Details: Geographic Area Series, County Data File in dBASE format, 2nd issue July 1991, Re-manufactured December, 1993

Type_of_Source_Media: CD-ROM

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1987

Ending_Date: 1993

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Ref. 8

Source_Contribution: Agriculture census

Source_Information:

Source_Citation:

Citation_Information:

Originator: U.S. Census, 1995 and USDA, 1999

Publication_Date: 1999

Title: Geographic Area Series 1A, 1B, and 1C, Cross-Tab Data File and County Level Data

Edition: 1.0

Geospatial_Data_Presentation_Form: multimedia presentation

Publication_Information:

Publication_Place: Washington, DC

Publisher: Census of Agriculture

Other_Citation_Details: United States, Department of Commerce, Bureau of the Census,

Census of Agriculture, 1992 and U.S. Department of Agriculture Statistics Service, 1997

Type_of_Source_Media: CD-ROM

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1900

Ending_Date: 1999

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: Ref. 9

Source_Contribution: County level data

Process_Step:

Process_Description:

The spatial data were purchased from Louisiana State University, who described the resolution of the data as being "excellent at the national level, good at the regional level, and adequate at the state level." The data was available in state files that were imported into Arc/Info. The edges were matched. Overlaps and underlaps were edited. County names were verified against the Census Volume names, and the Map Guide to the U.S. Federal Censuses, 1790 - 1920 reference by William Thorndale and William Dollarhide. Areas calculated by Arc/Info were compared against approximate land area in acres that were given in the 1920 census volumes. GIS

areas that were greater or less than the census areas by more than 10% were re-digitized.

The edited county boundary data for each census decade were overlaid with the modern National Atlas county boundaries in a "union" process. The area and proportion of agricultural land from 1850 to 1997 and the population size and density from 1790 to 1990 were calculated from the original county boundaries onto the modern county boundaries. The algorithm for distributing the data from the historical to the modern boundaries had 5 steps: 1) determine the area of overlap between the historical and modern coverages (polygons in the unioned data that did not overlap both data sets were excluded), 2) compute the proportion of each modern county within the total area of overlap for each historical county, 3) multiply the total historical population and area of land in farms or cropland by the proportion, 4) sum the allocated population and areas by modern county, and 5) allocate these population and area quantities over the entire area of the modern counties (including island polygons for coastal counties). There are possible artifacts in the resulting time series on the modern county basis. The population or area in farms could even appear to decline during the period of rapid westward expansion and county splitting. This data set does not adjust for that possibility in order to minimize the processing applied to the original data.

Process_Date: 20030301

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Bliss, Norman B. and Waisanen, Pamela J.

Contact_Organization: U.S. Geological Survey, EROS Data Center

Contact_Position: Scientists

Contact_Address:

Address_Type: mailing and physical address

Address: USGS EROS Data Center

Address: 47914 252nd Street

City: Sioux Falls

State_or_Province: South Dakota

Postal_Code: 57198-0001

Country: USA

Contact_Voice_Telephone: 605 594-6034/6085

Contact_TDD/TTY_Telephone: 605 594-6933

Contact_Facsimile_Telephone: 605 594-6529

Contact_Electronic_Mail_Address: bliss@usgs.gov

Hours_of_Service: 0800 - 1600, CT, -6h GMT, M-F

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Complete chain

Point_and_Vector_Object_Count: 10485

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Label point

Point_and_Vector_Object_Count: 4409

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: GT-polygon composed of chains

Point_and_Vector_Object_Count: 4409

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Point

Point_and_Vector_Object_Count: 23

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Albers Conical Equal Area

Albers_Conical_Equal_Area:

Standard_Parallel: 29.500000

Standard_Parallel: 45.500000

Longitude_of_Central_Meridian: -96.000000

Latitude_of_Projection_Origin: 23.000000

False_Easting: 0.000000

False_Northing: 0.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.008192

Ordinate_Resolution: 0.008192

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: D_Clarke_1866

Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: cty2mc.aat

Entity_Type_Definition: Arc Attribute Table

Entity_Type_Definition_Source: ESRI ArcInfo

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: FNODE#

Attribute_Definition: Internal node number for the beginning of an arc (from-node).

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Whole numbers that are automatically generated.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: TNODE#

Attribute_Definition: Internal node number for the end of an arc (to-node).

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Whole numbers that are automatically generated.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: LPOLY#

Attribute_Definition: Internal node number for the left polygon.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Whole numbers that are automatically generated.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: RPOLY#

Attribute_Definition: Internal node number for the right polygon.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Whole numbers that are automatically generated.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: LENGTH

Attribute_Definition: Length of feature in internal units.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Positive real numbers that are automatically generated.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: CTY2MC#

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: CTY2MC-ID

Attribute_Definition: User-defined feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: L_ST_FIPS

Attribute_Definition: FIPS code

Attribute_Definition_Source: Federal Information Processing Standard

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: State code

Codeset_Source: Federal Information Processing Standard

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: R_ST_FIPS

Attribute_Definition: State code

Attribute_Definition_Source: Federal Information Processing Standard

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: State code

Codeset_Source: Federal Information Processing Standard

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: ST_NAMES

Attribute_Definition: State Names

Attribute_Definition_Source: Geographic Names Information System

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: State name

Codeset_Source: Geographic Names Information System

Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: BNDY_TYPE

Attribute_Definition: Boundary Type

Attribute_Definition_Source: Digital Line Graph

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: unknown

Codeset_Source: unknown

Beginning_Date_of_Attribute_Values: 20030301

Detailed_Description:

Entity_Type:

Entity_Type_Label: cty2mc.pat
Entity_Type_Definition: Polygon Attribute Table
Entity_Type_Definition_Source: ESRI ArcInfo
Attribute:
Attribute_Label: FID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: Shape
Attribute_Definition: Feature geometry.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Coordinates defining the features.
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: AREA
Attribute_Definition: Area of feature in square meters
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: PERIMETER
Attribute_Definition: Perimeter of feature in meters
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Positive real numbers that are automatically generated.
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: CTY2MC#
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: CTY2MC-ID
Attribute_Definition: User-defined feature number.
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: STATE_FIPS
Attribute_Definition: State code
Attribute_Definition_Source: Federal Information Processing Standards
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: State Code
Codeset_Source: Federal Information Processing Standard
Beginning_Date_of_Attribute_Values: 1990
Attribute:
Attribute_Label: CNTY_FIPS
Attribute_Definition: County code
Attribute_Definition_Source: Federal Information Processing Standards
Attribute_Domain_Values:
Codeset_Domain:

Codeset_Name: County Code
Codeset_Source: Federal Information Processing Standard
Beginning_Date_of_Attribute_Values: 1990
Attribute:
Attribute_Label: FIPS
Attribute_Definition: Combined state and county codes
Attribute_Definition_Source: Federal Information Processing Standards
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: Combined State and County Code
Codeset_Source: Federal Information Processing Standard
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: STATE_NAME
Attribute_Definition: State name
Attribute_Definition_Source: GNIS
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: State Name
Codeset_Source: Geographic Names Information System
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: CNTY_NAME
Attribute_Definition: County name
Attribute_Definition_Source: GNIS
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: County Name
Codeset_Source: Geographic Names Information System
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: SUB_REGION
Attribute_Definition: Region grouping within United States
Attribute_Definition_Source: unknown
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: unknown
Codeset_Source: unknown
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: STAT_FLAG
Attribute_Definition: equals 1 for one polygon within each county
Attribute_Definition_Source: unknown
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: unknown
Codeset_Source: unknown
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: IFC1850R
Attribute_Definition: Ratio of area of improved farmland to total county area for 1850
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0
Range_Domain_Maximum: 1.5
Attribute_Units_of_Measure: proportion
Beginning_Date_of_Attribute_Values: 1850
Attribute:
Attribute_Label: IFC1860R
Attribute_Definition: Ratio of area of improved farmland to total county area for 1860

Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
Beginning_Date_of_Attribute_Values: 1860
Attribute:
 Attribute_Label: IFC1870R
 Attribute_Definition: Ratio of area of improved farmland to total county area for 1870
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1870
Attribute:
 Attribute_Label: IFC1880R
 Attribute_Definition: Ratio of area of improved farmland to total county area for 1880
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1880
Attribute:
 Attribute_Label: IFC1890R
 Attribute_Definition: Ratio of area of improved farmland to total county area for 1890
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1890
Attribute:
 Attribute_Label: IFC1900R
 Attribute_Definition: Ratio of area of improved farmland to total county area for 1900
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1900
Attribute:
 Attribute_Label: IFC1910R
 Attribute_Definition: Ratio of area of improved farmland to total county area for 1910
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1910
Attribute:
 Attribute_Label: IFC1920R
 Attribute_Definition: Ratio of area of improved farmland to total county area for 1920

Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
Beginning_Date_of_Attribute_Values: 1920
Attribute:
 Attribute_Label: IFC1930R
 Attribute_Definition: Ratio of area of cropland to total county area for 1930
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1930
Attribute:
 Attribute_Label: IFC1940R
 Attribute_Definition: Ratio of area of cropland to total county area for 1940
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1940
Attribute:
 Attribute_Label: IFC1945R
 Attribute_Definition: Ratio of area of cropland to total county area for 1945
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1945
Attribute:
 Attribute_Label: IFC1949R
 Attribute_Definition: Ratio of area of cropland to total county area for 1949
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1949
Attribute:
 Attribute_Label: IFC1954R
 Attribute_Definition: Ratio of area of cropland to total county area for 1954
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1954
Attribute:
 Attribute_Label: IFC1959R
 Attribute_Definition: Ratio of area of cropland to total county area for 1959
 Attribute_Definition_Source: This is the original source.

Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1959

Attribute:
 Attribute_Label: IFC1964R
 Attribute_Definition: Ratio of area of cropland to total county area for 1964
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1964

Attribute:
 Attribute_Label: IFC1969R
 Attribute_Definition: Ratio of area of cropland to total county area for 1969
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1969

Attribute:
 Attribute_Label: IFC1974R
 Attribute_Definition: Ratio of area of cropland to total county area for 1974
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1974

Attribute:
 Attribute_Label: IFC1978R
 Attribute_Definition: Ratio of area of cropland to total county area for 1978
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1978

Attribute:
 Attribute_Label: IFC1982R
 Attribute_Definition: Ratio of area of cropland to total county area for 1982
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1982

Attribute:
 Attribute_Label: IFC1987R
 Attribute_Definition: Ratio of area of cropland to total county area for 1987
 Attribute_Definition_Source: This is the original source.

Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1987

Attribute:
 Attribute_Label: IFC1992R
 Attribute_Definition: Ratio of area of cropland to total county area for 1992
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1992

Attribute:
 Attribute_Label: IFC1997R
 Attribute_Definition: Ratio of area of cropland to total county area for 1997
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Range_Domain:
 Range_Domain_Minimum: 0
 Range_Domain_Maximum: 1.5
 Attribute_Units_of_Measure: proportion
 Beginning_Date_of_Attribute_Values: 1997

Attribute:
 Attribute_Label: IFC1850M2
 Attribute_Definition: Area of improved farmland in 1850 in square meters
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Enumerated_Domain:
 Enumerated_Domain_Value: >=0
 Enumerated_Domain_Value_Definition: area of improved farmland in square meters
 Enumerated_Domain_Value_Definition_Source: This is the original source.
 Beginning_Date_of_Attribute_Values: 1850

Attribute:
 Attribute_Label: IFC1860M2
 Attribute_Definition: Area of improved farmland in 1860 in square meters
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Enumerated_Domain:
 Enumerated_Domain_Value: >=0
 Enumerated_Domain_Value_Definition: area of improved farmland in square meters
 Enumerated_Domain_Value_Definition_Source: This is the original source.
 Beginning_Date_of_Attribute_Values: 1860

Attribute:
 Attribute_Label: IFC1870M2
 Attribute_Definition: Area of improved farmland in 1870 in square meters
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:
 Enumerated_Domain:
 Enumerated_Domain_Value: >=0
 Enumerated_Domain_Value_Definition: area of improved farmland in square meters
 Enumerated_Domain_Value_Definition_Source: This is the original source.
 Beginning_Date_of_Attribute_Values: 1870

Attribute:
 Attribute_Label: IFC1880M2
 Attribute_Definition: Area of improved farmland in 1880 in square meters
 Attribute_Definition_Source: This is the original source.
 Attribute_Domain_Values:

Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of improved farmland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1880
Attribute:
Attribute_Label: IFC1890M2
Attribute_Definition: Area of improved farmland in 1890 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of improved farmland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1890
Attribute:
Attribute_Label: IFC1900M2
Attribute_Definition: Area of improved farmland in 1900 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of improved farmland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1900
Attribute:
Attribute_Label: IFC1910M2
Attribute_Definition: Area of improved farmland in 1910 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of improved farmland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1910
Attribute:
Attribute_Label: IFC1920M2
Attribute_Definition: Area of improved farmland in 1920 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of improved farmland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1920
Attribute:
Attribute_Label: IFC1930M2
Attribute_Definition: Area of cropland in 1930 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1930
Attribute:
Attribute_Label: IFC1940M2
Attribute_Definition: Area of cropland in 1940 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:

Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1940
Attribute:
Attribute_Label: IFC1945M2
Attribute_Definition: Area of cropland in 1945 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1945
Attribute:
Attribute_Label: IFC1949M2
Attribute_Definition: Area of cropland in 1949 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1949
Attribute:
Attribute_Label: IFC1954M2
Attribute_Definition: Area of cropland in 1850 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1954
Attribute:
Attribute_Label: IFC1959M2
Attribute_Definition: Area of cropland in 1959 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1959
Attribute:
Attribute_Label: IFC1964M2
Attribute_Definition: Area of cropland in 1964 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1964
Attribute:
Attribute_Label: IFC1969M2
Attribute_Definition: Area of cropland in 1969 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:

Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1969
Attribute:
Attribute_Label: IFC1974M2
Attribute_Definition: Area of cropland in 1974 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1974
Attribute:
Attribute_Label: IFC1978M2
Attribute_Definition: Area of cropland in 1978 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1978
Attribute:
Attribute_Label: IFC1982M2
Attribute_Definition: Area of cropland in 1982 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1982
Attribute:
Attribute_Label: IFC1987M2
Attribute_Definition: Area of cropland in 1987 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1987
Attribute:
Attribute_Label: IFC1992M2
Attribute_Definition: Area of cropland in 1992 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1992
Attribute:
Attribute_Label: IFC1997M2
Attribute_Definition: Area of cropland in 1997 in square meters
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:

Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: area of cropland in square meters
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1997
Attribute:
Attribute_Label: POP1790
Attribute_Definition: Population in 1790
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1790
Attribute:
Attribute_Label: POP1800
Attribute_Definition: Population in 1800
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1800
Attribute:
Attribute_Label: POP1810
Attribute_Definition: Population in 1810
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1810
Attribute:
Attribute_Label: POP1820
Attribute_Definition: Population in 1820
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1820
Attribute:
Attribute_Label: POP1830
Attribute_Definition: Population in 1830
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1830
Attribute:
Attribute_Label: POP1840
Attribute_Definition: Population in 1840
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0

Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1840
Attribute:
Attribute_Label: POP1850
Attribute_Definition: Population in 1850
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1850
Attribute:
Attribute_Label: POP1860
Attribute_Definition: Population in 1860
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1860
Attribute:
Attribute_Label: POP1870
Attribute_Definition: Population in 1870
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1870
Attribute:
Attribute_Label: POP1880
Attribute_Definition: Population in 1880
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1880
Attribute:
Attribute_Label: POP1890
Attribute_Definition: Population in 1890
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1890
Attribute:
Attribute_Label: POP1900
Attribute_Definition: Population in 1900
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0

Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1900
Attribute:
Attribute_Label: POP1910
Attribute_Definition: Population in 1910
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1910
Attribute:
Attribute_Label: POP1920
Attribute_Definition: Population in 1920
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1920
Attribute:
Attribute_Label: POP1930
Attribute_Definition: Population in 1930
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1930
Attribute:
Attribute_Label: POP1940
Attribute_Definition: Population in 1940
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1940
Attribute:
Attribute_Label: POP1950
Attribute_Definition: Population in 1950
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1950
Attribute:
Attribute_Label: POP1960
Attribute_Definition: Population in 1960
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons

Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1960
Attribute:
Attribute_Label: POP1970
Attribute_Definition: Population in 1970
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1970
Attribute:
Attribute_Label: POP1980
Attribute_Definition: Population in 1980
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1980
Attribute:
Attribute_Label: POP1990
Attribute_Definition: Population in 1990
Attribute_Definition_Source: This is the original source.
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Number of persons
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 1990
Attribute:
Attribute_Label: FIPS-CODE
Attribute_Definition: Combined state and county code
Attribute_Definition_Source: Federal Information Processing Standard
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: Combined State and County code
Codeset_Source: Federal Information Processing Standard
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: STATE-FIPS
Attribute_Definition: State code
Attribute_Definition_Source: Federal Information Processing Standard
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: State code
Codeset_Source: Federal Information Processing Standard
Beginning_Date_of_Attribute_Values: 20030301
Attribute:
Attribute_Label: CNTY-FIPS
Attribute_Definition: County code
Attribute_Definition_Source: Federal Information Processing Standard
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: County code
Codeset_Source: Federal Information Processing Standard
Beginning_Date_of_Attribute_Values: 20030301
Attribute:

Attribute_Label: STATE-NAME
Attribute_Definition: State name
Attribute_Definition_Source: GNIS
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: State name
Codeset_Source: Geographic Names Information System
Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: CNTY-NAME
Attribute_Definition: County name
Attribute_Definition_Source: GNIS
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: County name
Codeset_Source: Geographic Names Information System
Beginning_Date_of_Attribute_Values: 20030301

Attribute:

Attribute_Label: CTY2MRELATE
Attribute_Definition: Item used in intermediate processing
Attribute_Definition_Source: This is the original source
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: >=0
Enumerated_Domain_Value_Definition: Value used in intermediate processing
Enumerated_Domain_Value_Definition_Source: This is the original source.
Beginning_Date_of_Attribute_Values: 20030301

Overview_Description:

Entity_and_Attribute_Overview: Polygon Attribute Table has time series of population and improved farmland/cropland from U.S. Census sources. The Arc Attribute Table is not likely to be useful to users.

Entity_and_Attribute_Detail_Citation: Fields containing IFC refer to Improved Farmland (improved land in farms) before 1930, and Cropland from 1930 to the present. The numerals in the item names represent the year of the census. All of the following fields ending in an "R", which stands for ratio, have values ranging from 0 to approximately 1.1. This is the ratio of the area of improved farmland/cropland to total county area. Any ratio over 1 may result from digitizing error. A ratio greater than 1.0 could also be from the Census policy to count the acreage of improved farmland/cropland in the county of the farm or ranch headquarters, even if the farmland is in another county or counties.

Entity_and_Attribute_Detail_Citation: Fields which contain the area of improved farmland/cropland in square meters, are indicated by the "M2" suffix. The numerals represent the year of the census.

Entity_and_Attribute_Detail_Citation: "POP" fields contain total population per county for a given decade. The numerals represent the year of the census.

Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Norman B. Bliss (primary contact) and Pamela J. Waisanen (secondary contact)

Contact_Organization: U.S. Geological Survey, EROS Data Center

Contact_Position: Scientists

Contact_Address:

Address_Type: mailing and physical address

Address: USGS EROS Data Center

Address: 47914 252nd Street

City: Sioux Falls

State_or_Province: South Dakota

Postal_Code: 57198-0001

Country: USA

Contact_Voice_Telephone: 605 594-6034/6085

Contact_TDD/TTY_Telephone: 605 594-6933
Contact_Facsimile_Telephone: 605 594-6529
Contact_Electronic_Mail_Address: bliss@usgs.gov / waisanen@usgs.gov
Hours_of_Service: 0800 - 1600, CT, -6h GMT, M-F
Contact_Instructions: <http://landcover.usgs.gov/>

Resource_Description: Downloadable Data

Distribution_Liability: Although these data have been processed successfully on a computer system at the USGS, no warranty expressed or implied is made by the USGS regarding the use of the data on any other system, nor does the act of distribution constitute any such warranty.

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: ARCE
Format_Version_Number: ArcINFO Export format
Format_Specification: ASCII
Format_Information_Content: Vector data set
File-Decompression_Technique: gunzip
Transfer_Size: 9.276

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: <http://landcover.usgs.gov/>

Access_Instructions: Phone, written correspondence, fax, email, or online

Online_Computer_and_Operating_System: Silicon Graphics

Fees: Online copy of data set accessed without charge

Ordering_Instructions: Phone, written correspondence, fax, email, or online

Turnaround: N/A

Available_Time_Period:

Time_Period_Information:

Single_Date/Time:

Metadata_Reference_Information:

Metadata_Date: 20030527

Metadata_Review_Date: 20030512

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Norman B. Bliss (primary contact) and Pamela J. Waisanen (secondary contact)

Contact_Organization: USGS EROS Data Center

Contact_Position: Scientists

Contact_Address:

Address_Type: mailing and physical address

Address: USGS EROS Data Center

Address: 47914 252nd Street

City: Sioux Falls

State_or_Province: South Dakota

Postal_Code: 57198-0001

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Hours_of_Service: 0800 - 1600, CT, -6h GMT, M-F

Contact_Instructions:

<http://landcover.usgs.gov/>

<http://edc.usgs.gov>

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Access_Constraints: None

Metadata_Use_Constraints: None

Metadata_Security_Information:

Metadata_Security_Classification_System: None

Metadata_Security_Classification: Unclassified

Metadata_Security_Handling_Description: None

Metadata_Extensions:

Metadata_Extensions:

Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile