

North Carolina Metropolitan Planning Organization (MPO) and Rural Planning Organization (RPO) Locations, North Carolina Department of Transportation, Prioritization 7.0, July 2023

Geodatabase Feature Class



Tags Municipal Planning Organization, Rural Planning Organization, Prioritization 7.0 (P7), MPO, RPO, Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT)

Summary

A polygon layer representing the North Carolina Municipal Planning Organizations and Rural Planning Organizations boundaries.

Description

37 total Municipal Planning Organizations (MPO) and Rural Planning Organizations (RPO) of North Carolina. 17 are Municipal Planning Organizations and 20 are Rural Planning Organizations.

For the purposes of the Strategic Planning Office of Transportation Prioritization (SPOT) 7.0 project, data is not updated after July 2023.

For further information about domains and fields used in SPOT see the SPOT P7 Domains document here:

<https://xfer.services.ncdot.gov/gisdot/metadata/spot/NCDOT%20SPOT%20Prioritization%207%20Online%20Domain%20Reference.pdf>

Credits

North Carolina Department of Transportation GIS Unit, Strategic Prioritization Office of Transportation (SPOT)

Use limitations

The North Carolina Department of Transportation shall not be held liable for any errors in this data. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

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Extent

West -84.422109
East -75.416032
North 36.617254
South 33.730554

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

Topics and Keywords

Themes or categories of the resource Transportation

Content type Downloadable Data

Theme keywords Municipal Planning Organization, Rural Planning Organization, Prioritization 7.0 (P7), MPO, RPO, Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation

Thesaurus

Title User
Publication date 2023-07-17 00:00:00

Place keywords North Carolina

Thesaurus

Title User
Publication date 2023-07-17 00:00:00

Citation

Title North Carolina Metropolitan Planning Organization (MPO) and Rural Planning Organization (RPO) Locations, North Carolina Department of Transportation, Prioritization 7.0, July 2023

Publication date 2023-07-17 00:00:00

Presentation formats digital map

Citation Contacts

Responsible party - resource provider

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

Type postal

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610
Country US
e-mail address spot@ncdot.gov
Hours of service
8am-5pm, M-F

Contact instructions

Phone or email

Responsible party - originator

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

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Contact instructions

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Resource Details

Dataset languages English (UNITED STATES)

Spatial representation type vector

Processing environment Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

Credits

North Carolina Department of Transportation GIS Unit, Strategic Prioritization Office of Transportation (SPOT)

ArcGIS item properties

Name MPORPO

Location file://\DOT\DFSROOT01\GROUPS-GISCC\GIS-SpatialDataMgmt\Metadata\Spot\BackupSchemaProd20231218\P7_Data.gdb

Access protocol Local Area Network

Extents

Extent

Temporal extent

Date and time 2023-07-17 00:00:00

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude -84.422109

East longitude -75.416032

North latitude 36.617254

South latitude 33.730554

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 406832.667400

eastBL 3052480.071633

southBL 34987.916111

northBL 1043624.438204

exTypeCode Yes

Resource Points of Contact

Point of contact - point of contact

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

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Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Resource Maintenance

Resource maintenance

Update frequency annually

Scope of the updates dataset

Maintenance contact - point of contact

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

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Hours of service

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Contact instructions

Phone or email

Resource Constraints

Constraints

Limitations of use

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Security constraints

Classification unclassified

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Spatial Reference

ArcGIS coordinate system

Type Projected

Geographic coordinate reference GCS_North_American_1983

Projection NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet

Coordinate reference details

ProjectedCoordinateSystem

WKID 102719

XOrigin -121841900

YOrigin -93659000

XYScale 3048.0060960121918

ZOrigin 0

ZScale 1

MOrigin 0

MScale 1

XYTolerance 0.0032808333333333331

ZTolerance 2

MTolerance 2

HighPrecision true

LatestWKID 2264

WKT

```
PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-
```

79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.16666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2264]]

Reference system identifier

Value 2264
Codespace EPSG
Version 6.12(9.0.0)

Spatial Data Properties

Vector

Level of topology for this dataset geometry only

Geometric objects

Feature class name MPORPO
Object type composite
Object count 37

ArcGIS Feature Class Properties

Feature class name MPORPO
Feature type Simple
Geometry type Polygon
Has topology FALSE
Feature count 37
Spatial index TRUE
Linear referencing FALSE

Data Quality

Scope of quality information

Resource level dataset

Data quality report - Conceptual consistency

Conformance test results

Test passed Yes

Result explanation

The dataset is converted to file geodatabase (FGDB) format using tools in ArcGIS. Quality checks were performed by the Strategic Prioritization Office of Transportation (SPOT) and the North Carolina Department of Transportation Geographic Information Systems Unit and errors were accepted as within business range or identified as exceptions.

Product specification

Title NCDOT Geospatial Data Specifications
Publication date 2023-07-17 00:00:00

Lineage

Lineage statement

The data were further manipulated by the North Carolina Department of Transportation Geographic Information Systems Unit and/or the North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT) to produce the required data for Prioritization 7.0.

Process step

Description

Metadata is updated for publication

Process contact - originator

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

Type postal

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Process step

Description

The North Carolina Department of Transportation Geographic Information Systems Unit placed the data into ArcGIS 10.3 to process and create the desired product for the Strategic Prioritization Office of Transportation (SPOT).

Process contact - originator

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

Type postal

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610
Country US
e-mail address spot@ncdot.gov
Hours of service
8am-5pm, M-F

Contact instructions
Phone or email

Distribution

Distributor

Contact information - distributor

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

Type postal

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Distribution format

Version ArcGIS 10.3

Name File Geodatabase Feature Class

Fields

Details for object MPORPO

Type Feature Class

Row count 37

Definition source

NCDOT

Definition

A polygon layer representing the North Carolina Municipal Planning Organizations and Rural Planning Organizations boundaries.

Field OBJECTID

Alias OBJECTID

Data type OID

Width 4

Precision 0

Scale 0

Field description

Internal feature number.

Description source

Esri

Description of values

Sequential unique whole numbers that are automatically generated.

Field Shape

Alias Shape

Data type Geometry

Width 0

Precision 0

Scale 0

Field description

Feature geometry.

Description source

ESRI

Description of values

Coordinates defining the features.

Field ID

Alias Id

Data type SmallInteger

Width 2

Precision 0

Scale 0

Field description

Numeric Code corresponding to specific MPO/RPO

Description source

NCDOT

List of values

Value 1

Description Albemarle RPO

Enumerated domain value definition source NCDOT

Value 2

Description Burlington-Graham MPO

Enumerated domain value definition source NCDOT

Value 3

Description Cabarrus-Rowan MPO

Enumerated domain value definition source NCDOT

Value 4

Description Cape Fear RPO

Enumerated domain value definition source NCDOT

Value 5

Description Capital Area MPO

Enumerated domain value definition source NCDOT

Value 6

Description Down East RPO

Enumerated domain value definition source NCDOT

Value 7

Description Durham-Chapel Hill-Carrboro MPO

Enumerated domain value definition source NCDOT

Value 8

Description Eastern Carolina RPO

Enumerated domain value definition source NCDOT

Value 9

Description Fayetteville Area MPO

Enumerated domain value definition source NCDOT

Value 10

Description French Broad River MPO

Enumerated domain value definition source NCDOT

Value 11

Description Gaston Urban Area MPO

Enumerated domain value definition source NCDOT

Value 12

Description Goldsboro Urban Area MPO

Enumerated domain value definition source NCDOT

Value 13
Description Greater Hickory MPO
Enumerated domain value definition source NCDOT

Value 14
Description Greensboro Urban Area MPO
Enumerated domain value definition source NCDOT

Value 15
Description Greenville Urban Area MPO
Enumerated domain value definition source NCDOT

Value 16
Description High Point Urban Area MPO
Enumerated domain value definition source NCDOT

Value 17
Description High Country RPO
Enumerated domain value definition source NCDOT

Value 18
Description Isothermal RPO
Enumerated domain value definition source NCDOT

Value 19
Description Jacksonville Urban Area MPO
Enumerated domain value definition source NCDOT

Value 20
Description Kerr-Tar RPO
Enumerated domain value definition source NCDOT

Value 21
Description Lake Norman RPO
Enumerated domain value definition source NCDOT

Value 22
Description Land-of-Sky RPO
Enumerated domain value definition source NCDOT

Value 23
Description Lumber River RPO
Enumerated domain value definition source NCDOT

Value 24
Description Mecklenburg-Union MPO
Enumerated domain value definition source NCDOT

Value 25
Description Mid-Carolina RPO
Enumerated domain value definition source NCDOT

Value 26
Description Mid-East RPO
Enumerated domain value definition source NCDOT

Value 27
Description Northwest Piedmont RPO
Enumerated domain value definition source NCDOT

Value 28
Description Peanut Belt RPO
Enumerated domain value definition source NCDOT

Value 29
Description Piedmont Triad RPO
Enumerated domain value definition source NCDOT

Value 30
Description Rocky-Mount Urban Area MPO
Enumerated domain value definition source NCDOT

Value 31
Description Rocky River RPO
Enumerated domain value definition source NCDOT

Value 32
Description Southwestern RPO
Enumerated domain value definition source NCDOT

Value 33
Description Triangle Area RPO
Enumerated domain value definition source NCDOT

Value 34
Description Unifour RPO
Enumerated domain value definition source NCDOT

Value 35
Description Upper Coastal Plain RPO
Enumerated domain value definition source NCDOT

Value 36
Description Wilmington MPO
Enumerated domain value definition source NCDOT

Value 37

Description Winston-Salem Urban Area MPO
Enumerated domain value definition source NCDOT

Description of values

ID

Field NAME

Alias NAME
Data type String
Width 100
Precision 0
Scale 0

Field description

Name of Metropolitan Planning Organization or Rural Planning Organization

Description source

NCDOT Planning

Description of values

Name of MPO/RPO

Field TYPE

Alias Type
Data type String
Width 50
Precision 0
Scale 0

Field description

Designation of Rural Planning Organization or Municipal Planning Organization

Description source

NCDOT

List of values

Value RPO
Description Rural Planning Organization
Enumerated domain value definition source NCDOT

Value MPO
Description Municipal Planning Organization
Enumerated domain value definition source NCDOT

Description of values

Organization

Field Shape_Length

Alias Shape_Length

Data type Double

Width 8

Precision 0

Scale 0

Field description

Length of feature in internal units.

Description source

Esri

Description of values

Positive real numbers that are automatically generated.

Field Shape_Area

Alias Shape_Area

Data type Double

Width 8

Precision 0

Scale 0

Field description

Area of feature in internal units squared.

Description source

Esri

Description of values

Positive real numbers that are automatically generated.

Metadata Details

Metadata language English (UNITED STATES)

Scope of the data described by the metadata dataset

Scope name dataset

Last update 2024-02-26

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Standard or profile used to edit metadata ISO19139

Created in ArcGIS for the item 2023-12-06 09:06:30

Last modified in ArcGIS for the item 2024-02-26 16:45:42

Automatic updates

Have been performed Yes

Last update 2024-02-26 16:45:42

Metadata Contacts

Metadata contact - point of contact

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

Type postal

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Metadata Maintenance

Maintenance

Update frequency annually

Scope of the updates dataset

Maintenance contact - point of contact

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

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Metadata Constraints

Constraints

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Security constraints

Classification unclassified

Classification system none

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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file