

Metropolitan Planning Organization (MPO) and Rural Planning Organization (RPO) boundaries, 2021 – NC Department of Transportation

File Geodatabase Feature Class



Tags

Metropolitan Planning Organization, planning, Cadastre, 2020 Census, boundaries, Rural Planning Organization, transportation, MPO, RPO, Census

Summary

To provide Metropolitan Planning Organization (MPO) and Rural Planning Organization (RPO) boundaries for the state of North Carolina in shapefile (GIS) format.

Description

Polygons depicting the various MPO and RPO boundaries, covering the entire state of North Carolina. Existing MPOs expanded their Metropolitan Planning Areas (MPAs) to include all territory in Census 2020 UZAs. All boundary adjustments are approved by the Governor(s) and submitted to the FHWA Division Office(s). The MPA boundaries include the entire UZA boundary identified in the 2020 decennial Census and the contiguous geographic area likely to become urbanized within 20 years. RPOs were created for transportation planning in rural North Carolina areas not within an MPO.

Credits

NCDOT Transportation Planning Division,

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.

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

ArcGIS Metadata ▶

Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE planningCadastre, transportation, boundaries

* CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Metropolitan Planning Organization, 2020 Census, Rural Planning Organization, MPO, RPO, Census

THEME KEYWORDS planningCadastre, boundaries, transportation

THESAURUS ▶

TITLE ISO 19115 Topic Categories

PUBLICATION DATE 2021-08-09 00:00:00

Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE Metropolitan Planning Organization (MPO) and Rural Planning Organization (RPO) boundaries, 2021 – NC Department of Transportation

PUBLICATION DATE 2021-08-09 00:00:00

PRESENTATION FORMATS digital map

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Hong Qi Lu

ORGANIZATION'S NAME NCDOT TPD - Statewide Initiatives Group

CONTACT'S POSITION Transportation Engineer

CONTACT'S ROLE **originator**

CONTACT INFORMATION ►

PHONE

VOICE 919-707-0959

FAX 919-733-9794

ADDRESS

TYPE

DELIVERY POINT 1554 Mail Service Center

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27699-1554

COUNTRY US

E-MAIL ADDRESS hlu@ncdot.gov

Hide Contact information ▲

Hide Citation Contacts ▲

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS **completed**

SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

CREDITS

NCDOT Transportation Planning Division

ARCGIS ITEM PROPERTIES

* NAME BoundaryMpoRpo

Hide Resource Details ▲

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.422109

EAST LONGITUDE -75.416032

SOUTH LATITUDE 33.730554

NORTH LATITUDE 36.617254

EXTENT CONTAINS THE RESOURCE Yes

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.422111

EAST LONGITUDE -75.416034

SOUTH LATITUDE 33.730557

NORTH LATITUDE 36.617257

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

* WEST LONGITUDE 406832.667400

* EAST LONGITUDE 3052480.071633

- * SOUTH LATITUDE 34987.916111
- * NORTH LATITUDE 1043624.438204
- * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Hong Qi Lu
ORGANIZATION'S NAME NCDOT TPD - Statewide Initiatives Group
CONTACT'S POSITION Transportation Engineer
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

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[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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CONSTRAINTS

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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[Hide Resource Constraints ▲](#)

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

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102719

X ORIGIN -121841900

Y ORIGIN -93659000

XY SCALE 3048.0060960121918

Z ORIGIN 0

Z SCALE 1

M ORIGIN 0

M SCALE 1

XY TOLERANCE 0.0032808333333333331

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 2264

WELL-KNOWN TEXT

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)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME BoundaryMpoRpo

* OBJECT TYPE composite

* OBJECT COUNT 37

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME BoundaryMpoRpo

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 37

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Data Quality ►

SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL dataset

Hide Scope of quality information ▲

Hide Data Quality ▲

Lineage ►

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2021-08-09 00:00:00

DESCRIPTION

Review metadata and Prep for online access.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE processor

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

TYPE

DELIVERY POINT 4101 Capital Boulevard

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

Hide Contact information ▲

Hide Process step ▲

SOURCE DATA ►

DESCRIPTION

2020 Census Urbanized Area Boundaries.

[Hide Source data ▲](#)

[Hide Lineage ▲](#)

Distribution ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE distributor

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[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

NAME File Geodatabase Feature Class

VERSION 10.5.1

TRANSFER OPTIONS

ONLINE SOURCE

LOCATION <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT [BoundaryMpoRpo](#) ►

* TYPE Feature Class

* ROW COUNT 37

DEFINITION

MPO and RPO Boundaries

DEFINITION SOURCE

US Census Bureau

FIELD TYPE ►

* ALIAS Type

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

MPO or RPO

DESCRIPTION SOURCE

NCDOT TPD

DESCRIPTION OF VALUES

Metropolitan Planning Organization Regional Planning Organization

Hide Field TYPE ▲

FIELD NAME ►

* ALIAS Name

* DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

MPO, RPO Name

DESCRIPTION SOURCE

NCDOT TPD

DESCRIPTION OF VALUES

Planning names as negotiated with MPOs and RPOs

Hide Field NAME ▲

FIELD Areas ►

* ALIAS Areas

* DATA TYPE Double

* WIDTH 8

* PRECISION 38

* SCALE 8

FIELD DESCRIPTION

Area of feature in square mile units

DESCRIPTION SOURCE

NCDOT TPD

Hide Field Areas ▲

FIELD OBJECTID ►

* ALIAS OBJECTID

* DATA TYPE OID

* WIDTH 4

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

FIELD SHAPE.STArea() ►

* ALIAS Shape.STArea()

* DATA TYPE Double

* WIDTH 0

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Area of feature in internal units squared

DESCRIPTION SOURCE

ESRI

Hide Field SHAPE.STArea() ▲

FIELD SHAPE.STLength() ►

* ALIAS Shape.STLength()

* DATA TYPE Double

* WIDTH 0

* PRECISION 0

* SCALE 0

Hide Field SHAPE.STLength() ▲

FIELD Lengths ►

* ALIAS Lengths

* DATA TYPE Double

* WIDTH 8

* PRECISION 38

* SCALE 8

FIELD DESCRIPTION

Polygon length in Unit Miles.

DESCRIPTION SOURCE

NCDOT TPD

Hide Field Lengths ▲

FIELD SHAPE ►

* ALIAS Shape

* DATA TYPE Geometry

* WIDTH 4

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

[Hide Field SHAPE ▲](#)

[Hide Details for object BoundaryMpoRpo ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER CB3D9146-F60B-40FD-90ED-56CB09C29EF1

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME * dataset

* LAST UPDATE 2021-07-30

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

METADATA STYLE ISO 19139 Metadata Implementation Specification

CREATED IN ARCGIS FOR THE ITEM 2021-07-21 00:22:21

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-07-30 12:38:24

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-07-30 12:17:12

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Hong Qi Lu

ORGANIZATION'S NAME NCDOT TPD - Statewide Initiatives Group

CONTACT'S POSITION Transportation Engineer

CONTACT'S ROLE point of contact

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[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY as needed

Metadata Constraints ►

CONSTRAINTS

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Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG