

Roads, with Average Annual Daily Traffic



Tags

traffic, vehicle, road, AADT, average annual daily traffic

Summary

Depicts average annual daily vehicle road traffic.

Description

This layer is a compilation of state-level vehicle road traffic data from Iowa, Illinois, Indiana, Kentucky, Ohio, Pennsylvania, New York, Maryland, Washington DC, Virginia, and West Virginia. Since the database content varies among the source data, only the average annual daily traffic data was kept from each. The source date also varied, as follows: 2021 - Kentucky and Pennsylvania; 2020 - Illinois and Iowa; 2019 - Indiana, New York, Ohio; 2018 - Washington DC, Maryland, Virginia.

Credits

State DOTs, and VirginiaRoads.org

Use limitations

There are no access and use limitations for this item.

Extent

West -96.632637 **East** -71.858772
North 45.010467 **South** 36.498179

Scale Range

Maximum (zoomed in) 1:50,000
Minimum (zoomed out) 1:625,000

Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE transportation
* CONTENT TYPE Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

Citation

TITLE Roads with Traffic Data
PUBLICATION DATE Varies. Most recent 2021
PRESENTATION FORMATS * digital map

Citation Contacts

RESPONSIBLE PARTY
INDIVIDUAL'S NAME Jim Kuiper
ORGANIZATION'S NAME Argonne National Laboratory
CONTACT'S ROLE user
CONTACT INFORMATION
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Resource Details

DATASET LANGUAGES * English (UNITED STATES)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format
STATUS on-going
SPATIAL REPRESENTATION TYPE * vector
* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.0.12790
CREDITS
State DOTs, and VirginiaRoads.org
ARCGIS ITEM PROPERTIES
* NAME road_centerline_traffic
* SIZE 65.868
* LOCATION file:///\\146.137.112.25\\gis1\\EISPC_Energy_Zones_Study\\Data\\Web_Mercator\\Vector\\Transportation\\Transportation_Vehicle.gdb
* ACCESS PROTOCOL Local Area Network

Extents

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -96.632637
* EAST LONGITUDE -71.858772
* NORTH LATITUDE 45.010467
* SOUTH LATITUDE 36.498179
* EXTENT CONTAINS THE RESOURCE Yes
VERTICAL EXTENT
* MINIMUM VALUE -2.178600
* MAXIMUM VALUE 14.815800
EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -10757095.910800
* EAST LONGITUDE -7999281.912226
* SOUTH LATITUDE 4369388.295288
* NORTH LATITUDE 5623169.448767
* EXTENT CONTAINS THE RESOURCE Yes

Resource Maintenance

RESOURCE MAINTENANCE
UPDATE FREQUENCY as needed

Spatial Reference

ARCGIS COORDINATE SYSTEM
* TYPE Projected
* GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
* PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere
* COORDINATE REFERENCE DETAILS
PROJECTED COORDINATE SYSTEM
WELL-KNOWN IDENTIFIER 102100
X ORIGIN -22041257.952553775
Y ORIGIN -30241100
XY SCALE 144148035.48642668
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 3857
WELL-KNOWN TEXT PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS["GCS_WGS_1984",DATUM
["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER["False_Easting",0.0],PARAMETER
["False_Northing",0.0],PARAMETER["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER
["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]
REFERENCE SYSTEM IDENTIFIER
* VALUE 3857
* CODESPACE EPSG
* VERSION 8.8(9.3.1.2)

Spatial Data Properties

VECTOR
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only
GEOMETRIC OBJECTS
FEATURE CLASS NAME road_centerline_traffic
* OBJECT TYPE composite
* OBJECT COUNT 2443160
ARCGIS FEATURE CLASS PROPERTIES
FEATURE CLASS NAME road_centerline_traffic
* FEATURE TYPE Simple
* GEOMETRY TYPE Polyline
* HAS TOPOLOGY FALSE
* FEATURE COUNT 2443160
* SPATIAL INDEX TRUE
* LINEAR REFERENCING TRUE

Distribution

DISTRIBUTION FORMAT
* NAME File Geodatabase Feature Class
TRANSFER OPTIONS
* TRANSFER SIZE 65.868

Fields

DETAILS FOR OBJECT `road_centerline_traffic` TYPE Feature Class

* ROW COUNT 2443160

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 AADT_Value

* ALIAS AADT_Value

* DATA TYPE Integer

* WIDTH 4

* PRECISION 0

* SCALE 0

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.

Metadata Details

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2021-07-26

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2021-07-02 13:09:12

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-07-26 15:00:33

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-07-26