

MS_Weigh_In_Motion_Stations

Shapefile



Tags

Weigh Station, 2006, Traffic, 2007, Automatic Traffic Recorder, 2009, ground, 2010, USA, Weigh in Motion, Weigh in motion, 2008, WIM, 2011

Summary

This dataset represents structural linkages between the National Highway Planning Network Weigh In Motion (WIM), and Automatic Traffic Count Stations (ATR). The data included in the GIS Traffic Stations Version database have been assimilated from station description files provided by FHWA for Weigh-in-Motion (WIM), and Automatic Traffic Counters (ATR). Location referencing information was derived from the National Highway Planning Network version 4.0. and State Offices of Transportation. The attributes on the point elements of the database have come from two primary sources, the Station Description Records and the National Highway Planning Networks Linear Referencing System. The attributes for these databases have been intentionally limited to location referencing attributes since the core station description attribute data are contained within the Station Description Tables (SDT). There is a separate Station Description Table (SDT) for each of the different station types; WIM, and ATR. The attributes in the Station Description Table correspond with the Station Description Record found in Chapter 6 of the latest Traffic Monitoring Guide. The SDT contains the most recent stations available for each state and station type. This table was derived from files provided UTCTR by FHWA. The Station Description Table can be linked to the station shapefile via the STNNKEY field. A single exception table containing records for those stations that could not be located is provided for WIM, and ATR stations. Generally, this table contains records where location descriptions were not clear enough to locate a station.

Description

This dataset represents structural linkages between the National Highway Planning Network Weigh In Motion (WIM), and Automatic Traffic Count Stations (ATR). The data included in the GIS Traffic Stations Version database have been assimilated from station description files provided by FHWA for Weigh-in-Motion (WIM), and Automatic Traffic Counters (ATR). Location referencing information was derived from the National Highway Planning Network version 4.0. and State Offices of Transportation. The attributes on the point elements of the database have come from two primary sources, the Station Description Records and the National Highway Planning Networks Linear Referencing System. The attributes for these databases have been intentionally limited to location referencing attributes since the core station description attribute data are contained within the Station Description Tables (SDT). There is a separate Station Description Table (SDT) for each of the different station types; WIM, and ATR. The attributes in the Station Description Table correspond with the Station Description Record found in Chapter 6 of the latest Traffic Monitoring Guide. The SDT contains the most recent stations available for each state and station type. This table was derived from files provided UTCTR by FHWA. The Station Description Table can be linked to the station shapefile via the STNNKEY field. A single exception table containing records for those stations that could not be located is provided for WIM, and ATR stations. Generally, this table contains records where location descriptions were not clear enough to locate a station. **** NOTE April 2017, MARIS staff extracted the MS portion of this data set for distribution ****

Credits

There are no credits for this item.

Use limitations

Access Constraint: None (Public Domain Information) Use Constraint: None (Public Use)

Extent

West -91.407572 **East** -88.113479

North 34.993276 **South** 30.274665

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

[ArcGIS Metadata](#) ▶

Topics and Keywords

 ▶

* **CONTENT TYPE** Downloadable Data

THESAURUS ▶

TITLE United States of America

[Hide Thesaurus](#) ▲

THESAURUS ▶

TITLE America

[Hide Thesaurus](#) ▲

PLACE KEYWORDS USA

THESAURUS ▶

TITLE country

[Hide Thesaurus](#) ▲

STRATUM KEYWORDS ground

THESAURUS ▶

TITLE land

[Hide Thesaurus ▲](#)

TEMPORAL KEYWORDS 2006, 2007, 2009, 2010, 2008, 2011

THESAURUS ►

TITLE year

[Hide Thesaurus ▲](#)

THEME KEYWORDS Weigh Station, Traffic, Automatic Traffic Recoder, Weigh in Motion, Weigh in motion, WIM

[Hide Topics and Keywords ▲](#)

Citation ►

* TITLE MS_Weigh_In_Motion_Stations

PUBLICATION DATE 2011-01-01

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

COLLECTION TITLE National Transportation Atlas Databases (NTAD) 2011

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME Research and Innovative Technology Administrations Bureau of Transportation Statistics (RITA/BTS)

CONTACT'S ROLE publisher

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.4.1.5686

ARCGIS ITEM PROPERTIES

* NAME MS_Weigh_In_Motion_Stations

* SIZE 0.004

* LOCATION file:///\\SWALKER-PC\E\$\DATA\HISN_2017\MS_Weigh_In_Motion_Stations.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

publication date

TEMPORAL EXTENT

DATE AND TIME 2011-01-01

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -159.378753

EAST LONGITUDE -65.760962

SOUTH LATITUDE 18.065477

NORTH LATITUDE 68.665416

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -91.407572

* EAST LONGITUDE -88.113479

* NORTH LATITUDE 34.993276

* SOUTH LATITUDE 30.274665

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 348667.969635

* EAST LONGITUDE 649409.385876

* SOUTH LATITUDE 1054351.735652

* NORTH LATITUDE 1576502.901874

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME David L. Jones

ORGANIZATION'S NAME Federal Highway Administration (FHWA)

CONTACT'S POSITION Transportation Specialist

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 202.366.5053

FAX 202.366.7742

ADDRESS

TYPE both

DELIVERY POINT 1200 New Jersey Ave., SE

CITY Washington

ADMINISTRATIVE AREA DC
POSTAL CODE 20590
COUNTRY US
E-MAIL ADDRESS david.jones@fhwa.dot.gov

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
None

OTHER CONSTRAINTS
Access Constraint: None (Public Domain Information)

SECURITY CONSTRAINTS
CLASSIFICATION unclassified

CONSTRAINTS
LIMITATIONS OF USE

Access Constraint: None (Public Domain Information) Use Constraint: None (Public Use)

Hide Resource Constraints ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_Mississippi_TM
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102609
X ORIGIN -5122200
Y ORIGIN -12297100
XY SCALE 450339697.45066422
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 3814
WELL-KNOWN TEXT
PROJCS["NAD_1983_Mississippi_TM",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["Transverse_Mercator"],PARAMETER["False_Easting",500000.0],PARAMETER["False_Northing",1300000.0],PARAMETER["Central_Meridian",-89.75],PARAMETER["Scale_Factor",0.9998335],PARAMETER["Latitude_Of_Origin",32.5],UNIT["Meter",1.0],AUTHORITY["EPSG",3814]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 3814
- * CODESPACE EPSG
- * VERSION 6.17.1(10.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME MS_Weigh_In_Motion_Stations

- * OBJECT TYPE point
- * OBJECT COUNT 149

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME MS_Weigh_In_Motion_Stations

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Point
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 149
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME Office of Geospatial Information Systems

ORGANIZATION'S NAME Research and Innovative Technology Administration (RITA/BTS)
CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE 202-366-DATA

ADDRESS

TYPE both

DELIVERY POINT 1200 New Jersey Ave., SE

CITY Washington

ADMINISTRATIVE AREA District of Columbia

POSTAL CODE 20590

COUNTRY US

E-MAIL ADDRESS answers@bts.gov

Hide Contact information ▲

AVAILABLE FORMAT

NAME ESRI Shapefile

VERSION 20110101

FILE DECOMPRESSION TECHNIQUE No compression applied. However, if using digital transfer online option, note access instructions.

TECHNICAL PREREQUISITES Software that can process GIS files.

ORDERING PROCESS

TERMS AND FEES None

DATE OF AVAILABILITY 2011-01-01

INSTRUCTIONS

Call (202-366-DATA), or E-mail (answers@bts.gov) RITA/BTS to request the National Transportation Atlas Databases (NTAD) 2011 DVD. The NTAD DVD can be ordered from the online bookstore at www.bts.gov. Individual datasets from the NTAD can also be downloaded from the Office of Geospatial Information Systems website at http://www.bts.gov/programs/geographic_information_services/

TRANSFER OPTIONS

TRANSFER SIZE 0.148

MEDIUM OF DISTRIBUTION

MEDIUM NAME DVD

HOW DATA IS WRITTEN iso9660 (CD-ROM)

RECORDING DENSITY 650

DENSITY UNITS OF MEASURE megabytes

TRANSFER OPTIONS

ONLINE SOURCE

DESCRIPTION National Transportation Atlas Database (NTAD) 2011

Hide Distributor ▲

DISTRIBUTION FORMAT

*NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.004

ONLINE SOURCE

LOCATION HSIP 2015

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT MS_Weigh_In_Motion_Stations ▶

* TYPE Feature Class

* ROW COUNT 149

DEFINITION

Points

DEFINITION SOURCE

University of Tennessee/FHWA

FIELD YEAR_ATT ▶

* ALIAS YEAR_ATT

* DATA TYPE Integer

* WIDTH 10

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Year the attribute data was collected

DESCRIPTION SOURCE

FHWA & State DOTs

DESCRIPTION OF VALUES

Numeric value

Hide Field YEAR_ATT ▲

FIELD STFIPS ▶

* ALIAS STFIPS

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

State FIPS Code

DESCRIPTION SOURCE

FHWA Station Description Files

CODED VALUES

NAME OF CODELIST Federal Information Processing Standard- FIPS Pub 6-4
SOURCE National Institute for Standards and Technology (NIST)

[Hide Field STFIPS ▲](#)

FIELD FID_1 ►

* ALIAS FID_1
* DATA TYPE Integer
* WIDTH 10
* PRECISION 10
* SCALE 0

[Hide Field FID_1 ▲](#)

FIELD FID ►

* ALIAS FID
* 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.

[Hide Field FID ▲](#)

FIELD LATITUDE ►

* ALIAS LATITUDE
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

The latitude of the point expressed as a signed real number. This value is in decimal degrees with negative values indicating South latitude and positive values indicating North latitude.

DESCRIPTION SOURCE

RITA/BTS

RANGE OF VALUES

MINIMUM VALUE 0

MAXIMUM VALUE 0

[Hide Field LATITUDE ▲](#)

FIELD **FCLASS** ▶

- * ALIAS FCLASS
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

FIELD DESCRIPTION

The functional system upon which the section is located.

DESCRIPTION SOURCE

HPMS Field Manual

LIST OF VALUES

VALUE 9

DESCRIPTION Rural Local

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 12

DESCRIPTION Urban Principal Arterial - Other Freeways and Expressways

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 16

DESCRIPTION Urban Minor Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 6

DESCRIPTION Rural Minor Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 1

DESCRIPTION Rural Principal Arterial - Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 19

DESCRIPTION Urban Local

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 11

DESCRIPTION Urban Principal Arterial - Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 17

DESCRIPTION Urban Collector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 14

DESCRIPTION Urban Principal Arterial - Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 8

DESCRIPTION Rural Minor Collector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 2
DESCRIPTION Rural Principal Arterial - Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 7
DESCRIPTION Rural Major Collector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

[Hide Field FCLASS ▲](#)

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.

[Hide Field Shape ▲](#)

FIELD STTNKEY ►

- * ALIAS STTNKEY
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Unique Station Identifier: Concatenated State FIPS code and Unique Station ID

DESCRIPTION SOURCE
State DOTs

DESCRIPTION OF VALUES
IDs Assigned by State DOTs .

[Hide Field STTNKEY ▲](#)

FIELD LONGITUDE ►

- * ALIAS LONGITUDE
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The longitude of the point expressed as a signed real number. This value is in decimal degrees with negative values indicating West longitude and positive values indicating East longitude.

DESCRIPTION SOURCE

RITA/BTS

RANGE OF VALUES

- MINIMUM VALUE 0
- MAXIMUM VALUE 0

Hide Field LONGITUDE ▲

FIELD SUMAVGVW ►

- * ALIAS SUMAVGVW
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

FIELD DESCRIPTION

Summation of the average gross vehicle weight for trucks including all connected components (in Metric Tons)

DESCRIPTION SOURCE

FHWA

CODED VALUES

- NAME OF CODELIST Summation of Gross Vehicle Weight (in Metric Tons)
- SOURCE FHWA

Hide Field SUMAVGVW ▲

FIELD LOCATION ►

- * ALIAS LOCATION
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Station Location Description

DESCRIPTION SOURCE

FHWA

DESCRIPTION OF VALUES

Character value

Hide Field LOCATION ▲

FIELD COMMENT ►

- * ALIAS COMMENT
- * DATA TYPE String
- * WIDTH 90
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Notes on point creation and relationship to location

DESCRIPTION SOURCE

UTN, State DOT & RITA/BTS

DESCRIPTION OF VALUES

Character value

Hide Field COMMENT ▲

FIELD PERTRUCK ►

- * ALIAS PERTRUCK
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Percentage of AADT that were Trucks.

DESCRIPTION SOURCE

FHWA

CODED VALUES

NAME OF CODELIST Summation of Gross Vehicle Weight (in Metric Tons)
SOURCE FHWA

Hide Field PERTRUCK ▲

FIELD PASSVEHVOL ►

- * ALIAS PASSVEHVOL
- * DATA TYPE Integer
- * WIDTH 10

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

The estimate (for Passenger Vehicles Only) of typical traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year and calculated from permanent counter data as the sum of Monthly Average Daily Traffic (MADTs) divided by the number of MADTs, and for short term counts by using adjustment factors.

DESCRIPTION SOURCE

FHWA

CODED VALUES

NAME OF CODELIST Passenger Vehicle AADT

SOURCE FHWA

Hide Field PASSVEHVOL ▲

FIELD YEAR_GEO ►

* ALIAS YEAR_GEO

* DATA TYPE Integer

* WIDTH 10

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Year the location was spatial located

DESCRIPTION SOURCE

UTN, State DOT & RITA/BTS

DESCRIPTION OF VALUES

Numeric value

Hide Field YEAR_GEO ▲

FIELD TOTVEHVOL ►

* ALIAS TOTVEHVOL

* DATA TYPE Integer

* WIDTH 10

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

The estimate of typical traffic (for all Vehicles) on a road segment for all days of the week, Sunday through Saturday, over the period of one year and calculated from permanent counter data as the sum of Monthly Average Daily Traffic (MADTs) divided by the number of MADTs, and for short term counts by using adjustment factors.

DESCRIPTION SOURCE

FHWA

CODED VALUES

NAME OF CODELIST Total Vehicle AADT
SOURCE FHWA

Hide Field TOTVEHVOL ▲

FIELD VERSION ►

* ALIAS VERSION
* DATA TYPE String
* WIDTH 80
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Version of the database

DESCRIPTION SOURCE

RITA/BTS

RANGE OF VALUES

MINIMUM VALUE 0
MAXIMUM VALUE 99

Hide Field VERSION ▲

FIELD CTFIPS ►

* ALIAS CTFIPS
* DATA TYPE String
* WIDTH 80
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

3 digit code for where the point resides

DESCRIPTION SOURCE

Federal Information Processing Standards

CODED VALUES

NAME OF CODELIST Federal Information Processing Standard- FIPS Pub 6-4
SOURCE National Institute for Standards and Technology (NIST)

Hide Field CTFIPS ▲

FIELD NHS ►

* ALIAS NHS
* DATA TYPE Integer
* WIDTH 10
* PRECISION 10
* SCALE 0

FIELD DESCRIPTION

Indicates whether the section is on the National Highway System (NHS) or is an NHS connector to an intermodal facility.

DESCRIPTION SOURCE

HPMS Field Manual

LIST OF VALUES

VALUE 8

DESCRIPTION NHS Intermodal Connector - Major Pipeline Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 3

DESCRIPTION NHS Intermodal Connector - Major Port Facility

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 4

DESCRIPTION NHS Intermodal Connector - Major Amtrak Station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 7

DESCRIPTION NHS Intermodal Connector - Major Public Transit or Multi-Modal Passenger Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 5

DESCRIPTION NHS Intermodal Connector - Major Rail/Truck Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 9

DESCRIPTION NHS Intermodal Connector - Major Ferry Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 2

DESCRIPTION NHS Intermodal Connector - Major Airport

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 6

DESCRIPTION NHS Intermodal Connector - Major Intercity Bus Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 0

DESCRIPTION Section is not on the NHS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

VALUE 1

DESCRIPTION Section is on the NHS, but is not a NHS intermodal connector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE HPMS Field Manual

Hide Field NHS ▲

FIELD CONFIDENCE ►

* ALIAS CONFIDENCE

* DATA TYPE Integer

* WIDTH 10

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Confidence that point was created correctly using the data provided

DESCRIPTION SOURCE

FHWA

LIST OF VALUES

VALUE 2

DESCRIPTION confident

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA

VALUE 1

DESCRIPTION low confidence

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA

VALUE 3

DESCRIPTION highly confident

ENUMERATED DOMAIN VALUE DEFINITION SOURCE FHWA

[Hide Field CONFIDENCE ▲](#)

[Hide Details for object MS_Weigh_In_Motion_Stations ▲](#)

[Hide Fields ▲](#)

References ►

AGGREGATE INFORMATION

ASSOCIATION TYPE cross reference

AGGREGATE RESOURCE NAME ►

TITLE National Transportation Atlas Databases (NTAD) 2011

PUBLICATION DATE 2011-01-01

RESPONSIBLE PARTY

ORGANIZATION'S NAME Research and Innovative Technology Administrations Bureau of Transportation Statistics (RITA/BTS)

CONTACT'S ROLE publisher

RESOURCE LOCATION ONLINE

LOCATION HSIP 2015

[Hide Aggregate resource name ▲](#)

AGGREGATE INFORMATION

ASSOCIATION TYPE larger work citation

AGGREGATE RESOURCE NAME ►

TITLE National Transportation Atlas Databases (NTAD) 2011

PUBLICATION DATE 2011-01-01

RESPONSIBLE PARTY

ORGANIZATION'S NAME Research and Innovative Technology Administrations Bureau of Transportation Statistics (RITA/BTS)

CONTACT'S ROLE publisher

RESOURCE LOCATION ONLINE

LOCATION HSIP 2015

[Hide Aggregate resource name ▲](#)

[Hide References ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME *dataset

* LAST UPDATE 2017-04-07

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE ISO 19139 Metadata Implementation Specification

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2017-04-06 10:03:40

LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-04-07 81:64:80

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2017-04-07 08:16:09

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Office of Geospatial Information Systems

ORGANIZATION'S NAME Research and Innovative Technology Administrations Bureau of Transportation Statistics (RITA/BTS)

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE (202) 366-DATA

ADDRESS

TYPE both

DELIVERY POINT 1200 New Jersey Ave., SE
CITY Washington
ADMINISTRATIVE AREA District of Columbia
POSTAL CODE 20590
COUNTRY US
E-MAIL ADDRESS answers@bts.gov

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL
THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL MS_Weigh_In_Motion_Stations
ENTITY TYPE DEFINITION
Points
ENTITY TYPE DEFINITION SOURCE University of Tennessee/FHWA

ATTRIBUTE
ATTRIBUTE LABEL YEAR_ATT
ATTRIBUTE DEFINITION
Year the attribute data was collected
ATTRIBUTE DEFINITION SOURCE FHWA & State DOTs
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Numeric value

ATTRIBUTE
ATTRIBUTE LABEL STFIPS
ATTRIBUTE DEFINITION
State FIPS Code
ATTRIBUTE DEFINITION SOURCE FHWA Station Description Files
ATTRIBUTE DOMAIN VALUES
CODESET DOMAIN
CODESET NAME Federal Information Processing Standard- FIPS Pub 6-4
CODESET SOURCE National Institute for Standards and Technology (NIST)

ATTRIBUTE
ATTRIBUTE LABEL FID_1

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.

ATTRIBUTE

ATTRIBUTE LABEL LATITUDE

ATTRIBUTE DEFINITION

The latitude of the point expressed as a signed real number. This value is in decimal degrees with negative values indicating South latitude and positive values indicating North latitude.

ATTRIBUTE DEFINITION SOURCE RITA/BTS

ATTRIBUTE DOMAIN VALUES

RANGE DOMAIN

RANGE DOMAIN MINIMUM 0

RANGE DOMAIN MAXIMUM 0

ATTRIBUTE

ATTRIBUTE LABEL FCLASS

ATTRIBUTE DEFINITION

The functional system upon which the section is located.

ATTRIBUTE DEFINITION SOURCE HPMS Field Manual

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 9

ENUMERATED DOMAIN VALUE DEFINITION

Rural Local

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

HPMS Field Manual

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 12

ENUMERATED DOMAIN VALUE DEFINITION

Urban Principal Arterial - Other Freeways and Expressways

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

HPMS Field Manual

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 16

ENUMERATED DOMAIN VALUE DEFINITION

Urban Minor Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

HPMS Field Manual

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Rural Minor Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

HPMS Field Manual

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Rural Principal Arterial - Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

HPMS Field Manual

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 19

ENUMERATED DOMAIN VALUE DEFINITION

Urban Local

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

HPMS Field Manual

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 11

ENUMERATED DOMAIN VALUE DEFINITION
Urban Principal Arterial - Interstate
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 17
ENUMERATED DOMAIN VALUE DEFINITION
Urban Collector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 14
ENUMERATED DOMAIN VALUE DEFINITION
Urban Principal Arterial - Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 8
ENUMERATED DOMAIN VALUE DEFINITION
Rural Minor Collector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
Rural Principal Arterial - Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 7
ENUMERATED DOMAIN VALUE DEFINITION
Rural Major Collector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual

ATTRIBUTE
ATTRIBUTE LABEL Shape
ATTRIBUTE DEFINITION
Feature geometry.
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Coordinates defining the features.

ATTRIBUTE
ATTRIBUTE LABEL STTNKEY
ATTRIBUTE DEFINITION
Unique Station Identifier: Concatenated State FIPS code and Unique Station ID
ATTRIBUTE DEFINITION SOURCE State DOTs
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
IDs Assigned by State DOTs .

ATTRIBUTE
ATTRIBUTE LABEL LONGITUDE
ATTRIBUTE DEFINITION

The longitude of the point expressed as a signed real number. This value is in decimal degrees with negative values indicating West longitude and positive values indicating East longitude.

ATTRIBUTE DEFINITION SOURCE RITA/BTS
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN
RANGE DOMAIN MINIMUM 0
RANGE DOMAIN MAXIMUM 0

ATTRIBUTE

ATTRIBUTE LABEL SUMAVGVW
ATTRIBUTE DEFINITION

Summation of the average gross vehicle weight for trucks including all connected components (in Metric Tons)

ATTRIBUTE DEFINITION SOURCE FHWA
ATTRIBUTE DOMAIN VALUES
CODESET DOMAIN
CODESET NAME Summation of Gross Vehicle Weight (in Metric Tons)
CODESET SOURCE FHWA

ATTRIBUTE

ATTRIBUTE LABEL LOCATION
ATTRIBUTE DEFINITION

Station Location Description

ATTRIBUTE DEFINITION SOURCE FHWA
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Character value

ATTRIBUTE

ATTRIBUTE LABEL COMMENT
ATTRIBUTE DEFINITION

Notes on point creation and relationship to location

ATTRIBUTE DEFINITION SOURCE UTN, State DOT & RITA/BTS
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Character value

ATTRIBUTE

ATTRIBUTE LABEL PERTRUCK
ATTRIBUTE DEFINITION

Percentage of AADT that were Trucks.

ATTRIBUTE DEFINITION SOURCE FHWA
ATTRIBUTE DOMAIN VALUES
CODESET DOMAIN
CODESET NAME Summation of Gross Vehicle Weight (in Metric Tons)
CODESET SOURCE FHWA

ATTRIBUTE

ATTRIBUTE LABEL PASSVEHVOL
ATTRIBUTE DEFINITION

The estimate (for Passenger Vehicles Only) of typical traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year and calculated from permanent counter data as the sum of Monthly Average Daily Traffic (MADTs) divided by the number of MADTs, and for short term counts by using adjustment factors.

ATTRIBUTE DEFINITION SOURCE FHWA
ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN
CODESET NAME Passenger Vehicle AADT
CODESET SOURCE FHWA

ATTRIBUTE

ATTRIBUTE LABEL YEAR_GEO
ATTRIBUTE DEFINITION
Year the location was spatial located
ATTRIBUTE DEFINITION SOURCE UTN, State DOT & RITA/BTS
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Numeric value

ATTRIBUTE

ATTRIBUTE LABEL TOTVEHVOL
ATTRIBUTE DEFINITION
The estimate of typical traffic (for all Vehicles) on a road segment for all days of the week, Sunday through Saturday, over the period of one year and calculated from permanent counter data as the sum of Monthly Average Daily Traffic (MADTs) divided by the number of MADTs, and for short term counts by using adjustment factors.
ATTRIBUTE DEFINITION SOURCE FHWA
ATTRIBUTE DOMAIN VALUES
CODESET DOMAIN
CODESET NAME Total Vehicle AADT
CODESET SOURCE FHWA

ATTRIBUTE

ATTRIBUTE LABEL VERSION
ATTRIBUTE DEFINITION
Version of the database
ATTRIBUTE DEFINITION SOURCE RITA/BTS
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN
RANGE DOMAIN MINIMUM 0
RANGE DOMAIN MAXIMUM 99

ATTRIBUTE

ATTRIBUTE LABEL CTFIPS
ATTRIBUTE DEFINITION
3 digit code for where the point resides
ATTRIBUTE DEFINITION SOURCE Federal Information Processing Standards
ATTRIBUTE DOMAIN VALUES
CODESET DOMAIN
CODESET NAME Federal Information Processing Standard- FIPS Pub 6-4
CODESET SOURCE National Institute for Standards and Technology (NIST)

ATTRIBUTE

ATTRIBUTE LABEL NHS
ATTRIBUTE DEFINITION
Indicates whether the section is on the National Highway System (NHS) or is an NHS connector to an intermodal facility.
ATTRIBUTE DEFINITION SOURCE HPMS Field Manual
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 8
ENUMERATED DOMAIN VALUE DEFINITION
NHS Intermodal Connector - Major Pipeline Terminal
ENUMERATED DOMAIN VALUE DEFINITION SOURCE

HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
NHS Intermodal Connector - Major Port Facility
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
NHS Intermodal Connector - Major Amtrak Station
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 7
ENUMERATED DOMAIN VALUE DEFINITION
NHS Intermodal Connector - Major Public Transit or Multi-Modal Passenger Terminal
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 5
ENUMERATED DOMAIN VALUE DEFINITION
NHS Intermodal Connector - Major Rail/Truck Terminal
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 9
ENUMERATED DOMAIN VALUE DEFINITION
NHS Intermodal Connector - Major Ferry Terminal
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
NHS Intermodal Connector - Major Airport
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 6
ENUMERATED DOMAIN VALUE DEFINITION
NHS Intermodal Connector - Major Intercity Bus Terminal
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Section is not on the NHS
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
Section is on the NHS, but is not a NHS intermodal connector
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
HPMS Field Manual

ATTRIBUTE

ATTRIBUTE LABEL CONFIDENCE
ATTRIBUTE DEFINITION

Confidence that point was created correctly using the data provided

ATTRIBUTE DEFINITION SOURCE FHWA

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

confident

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

low confidence

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

highly confident

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

FHWA

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