Data Management Plan (DMP) for DOT Regions - Great Lakes St. Lawrence Seaway Development Corporation (GLS) Regions 2023-Present Dataset

U.S. Department of Transportation (DOT)

Great Lakes St. Lawrence Seaway Development Corporation Policy Headquarters (GLS),

U.S. Department of Transportation (USDOT)

Bureau of Transportation Statistics (BTS)

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Change log:
2025-06-09: Initial DMP written.
2025-12-02: DOI added.

CONTENTS
0. Dataset and Contact Information
1. Data Description
2. Standards Employed
3. Access Policies
4. Re-Use, Redistribution, and Derivative Products Policies
5. Archiving and Preservation Plans
6. Policies Affecting this Data Management Plan

0. Dataset and Contact Information
Title of Dataset: DOT Regions - Great Lakes St. Lawrence Seaway Development Corporation (GLS) Regions 2023-Present Dataset
URL: https://doi.org/10.21949/1403475
This is an ☒ initial DMP or a ☐ revised DMP.

Organizational Contact Information
    Institution: U.S. Department of Transportation (DOT), Great Lakes St. Lawrence Seaway Development Corporation Policy Headquarters (GLS)
    Address: 1200 New Jersey Ave SE, Washington D.C. 20590
    Contact: GLS@dot.gov

Data Distributor Contact Information

Name: National Transportation Atlas Database (NTAD)

Institution: U.S. Department of Transportation, Bureau of Transportation Statistics (BTS)

Address: 1200 New Jersey Ave. SE, Washington D.C. 20590

Email: ntad@dot.gov

1. Data Description:

The DOT Regions - Great Lakes St. Lawrence Seaway Development Corporation (GLS) Regions 2023- Present dataset is from the Great Lakes St. Lawrence Seaway Development Corporation Policy Headquarters (GLS), and is part of the U.S. Department of Transportation (USDOT)/Bureau of Transportation Statistics' (BTS's) National Transportation Atlas Database (NTAD). The GLS Region layer containing polygon features the coastal frontage of the eight Great Lakes states along the five Great Lakes including along the St Mary's River, the St Clair River, the Detroit River, and the St Lawrence River. This region is charged with ensuring the safe, secure, and reliable transit movement of vessel traffic daily into and out of the Seaway system as well as supporting trade development at ports and terminals throughout the system. The jurisdiction of GLS operational staff is limited to the two U.S. locks in Massena, New York as well as navigation on the St Lawrence River immediately to the East and West of those locks. The GLS Trade Development's direct jurisdiction extends from Massena, New York in the Eastern end of the system to the Minnesota ports of Duluth, Two Harbors, and Silver Bay on Lake Superior to the West and includes all Great Lakes ports/terminals in between.

2. Standards Employed:

The data files collected here are saved in the ubiquitous and common geospatial file geodatabase (.gdb) formats.

As the files created for this ingest were migrations from the original format in a SQL geodatabase, each data file name includes a date stamp indicating when the data in the shapefile was from.

Documentation will include this data management plan, and the metadata and readme files created in 2025. Documentation will also include the shapefiles, data dictionary, and relevant supporting files created alongside the data from 1995. A DCAT-US vs. 1.1 .json metadata file will be created to describe the archival location of this data, and that .json file will be uploaded to data.gov and transportation.data.gov

Necessary software tools: The file formats found in the zip files include: .txt, file geodatabases (.gdb), and .pdf files.

• File geodatabases (.gdb) can be opened with any Esri GIS software program https://www.esri.com/en- us/home/.

• The txt is a common text file, which can be opened with a basic text editor. The most common software used to open .txt files are Microsoft Windows Notepad, Sublime Text, Atom, and TextEdit (for more information on .txt files and software, please visit https://www.file- extensions.org/txt- file-extension)

• The pdf file format was developed by Adobe Systems and represents two-dimensional documents in a device-independent and resolution-independent format. There are PDF readers available on many platforms, such as Xpdf, Foxit, and Adobe's own Adobe Acrobat Reader. PDF readers/viewers or online services for basic functions are generally free (for more information on .pdf files and software, please visit https://www.file-extensions.org/pdf-file-extension).

3. Access Policies:
These data files are in the public domain, and can be shared without restriction. The data files contain no sensitive information.

4. Re-Use, Redistribution, and Derivative Products Policies:
These data are managed by the Bureau of Transportation Statistics. The data are in the public domain, and may be re-used without restriction.
Citation of the data is appreciated. Please use the following recommended citation: U.S. Department of Transportation (DOT), Great Lakes St. Lawrence Seaway Development Corporation Policy Headquarters (GLS); U.S. Department of Transportation, Bureau of Transportation Statistics (BTS) [distributor]. DOT Regions - Great Lakes St. Lawrence Seaway Development Corporation (GLS) Regions 2023-Present [datasets]. https://doi.org/10.21949/1403475

5. Archiving and Preservation Plans:
The dataset will be archived in the National Transportation Library Repository and Open Science Access Portal (ROSA P). Prior to archiving, the data are stored on the secured BTS networks and drives, which are backed up nightly. The US DOT systems are secured from outside users and backed up daily.

Files in ROSA P are backed up in NTL drives at US DOT, daily; at the Centers for Disease Control, the repository managing facility, daily; and in Amazon Web Service Cloud servers in Virginia and Oregon daily.

The dataset will be retained in perpetuity.

NTL staff will mint persistent Digital Object Identifiers (DOIs) for each dataset stored in ROSA P. These DOIs will be associated with dataset documentation as soon as they become available for use.

The DOIs associated with this dataset include: https://doi.org/10.21949/1403475

The assigned DOI resolves to the repository landing page for the "DOT Regions - Great Lakes St. Lawrence Seaway Development Corporation (GLS) Regions 2023-Present" dataset, so that users may locate associated metadata and supporting files.

ROSA P meets all the criteria outlined on the "Guidelines for Evaluating Repositories

for Conformance with the DOT Public Access Plan" page:
https://ntl.bts.gov/publicaccess/evaluatingrepositories.html

6. Policies Affecting this Data Management Plan
This document was created to meet the requirements enumerated in the U.S.
Department of Transportation's Plan to Increase Public Access to the Results of
Federally-Funded Scientific Research' Version 1.1 << https://doi.org/10.21949/1520559
>> and guidelines suggested by the DOT Public Access website <<
https://doi.org/10.21949/1503647 >>, in effect and current as of December 03, 2020.