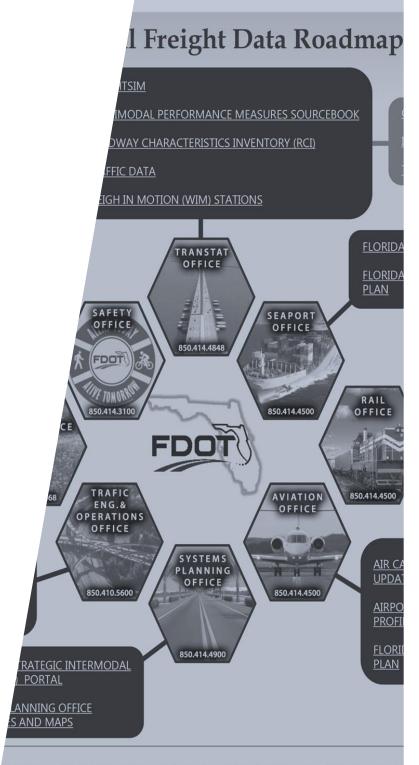


## SECTION 3 MULTIMODAL FREIGHT DATA ROADMAP



reight and Modal Data Roadmap is to provide a visual of how data sources an FDOT offices.

overview of data sources utilizing a tiered approach to highlight data source want data help differentiate proprietary data versus data from other Federal offices or data

## 3.0 MULTIMODAL FREIGHT DATA ROADMAP

The Data Roadmap presented as an attachment within this section provides a visual representation of how data sources and active data collection systems relate to users across the FDOT offices. The roadmap provides an overview of data sources utilizing a tiered approach to highlight data source workflows. The tiers are broken down into three categories related to sources of data:

- » Tier 1 FDOT Offices
  - » Aviation
  - » Office of Maintenance
  - » Rail and Motor Carrier
  - » Safety
  - » Seaport and Waterways
- » Tier 1 Other State Offices/Sources (examples below)
  - » Florida Department of Environmental Protection (FDEP)
  - » Florida Department of Health (DOH)
  - » Florida Department of Revenue (DOR)
  - » Florida Geographic Data Library (FGDL)
- » Tier 2 Federal Offices (examples below)
  - » Bureau of Economic Analysis (BEA)
  - » Bureau of Labor Statistics (BLS)
  - » Bureau of Transportation Statistics (BTS)
  - » US Census
  - » US Department of Agriculture (USDA)
- » Tier 3 Private Sector (examples below)
  - » Airport Council International (ACI)
  - » American Association of Railroads (AAR)
  - » Chain Store Guide (CSG)
  - » Infogroup
  - » Port Import/Export Reporting Service (PIERS)
  - » Transearch (TS)

The data sources represented within the Data Roadmap were selected from the Data Inventory Matrix. The tiered approach helps differentiate proprietary data versus data from public sector and data internal to FDOT. The purpose of the roadmap is to help the users of multimodal freight data identify data flow and determine the particular office or offices to coordinate with in regards to obtaining data from the different data sources outlined in the Data Roadmap.

The Data Roadmap graphic is provided on the following page and an ARCH E (36in x 48in) sized PDF plot of the Data Roadmap is provided within Appendix D.

- » Systems Planning
- » Traffic Engineering & Operations
- TRANSTAT

## Multimodal Freight Data Roadmap



FEDERAL



DEPARTMENT OF HEALTH (DOH)
GIS DATA

<u>DEPARTMENT OF REVENUE (DOR)</u> TAX PARCEL DATA

FDEP GIS DATA AND TOOLS

<u>FLORIDA GEOGRAPHIC DATA</u> <u>LIBRARY (FGDL)</u> FREIGHTSIM

MULTIMODAL PERFORMANCE MEASURES SOURCEBOOK

ROADWAY CHARACTERISTICS INVENTORY (RCI)

TRANSTAT OFFICE

850.414.4848

FDO

SYSTEMS

PLANNING

OFFICE

850.414.4900

SEAPORT

OFFICE

850.414.4500

AVIATION

850.414.4500

OFFICE

TRAFFIC DATA

SAFETY

OFFICE

FDOT

FTOMORRI

850.414.3100

TRAFIC

ENG.&

OPERATIONS OFFICE

850.410.5600

OFFICE

OF

MAINTENANCE

866.374.3368

FLORIDA'S STRATEGIC INTERMODAL

SYSTEM (SIS) PORTAL

**SYSTEMS PLANNING OFFICE** 

**BROCHURES AND MAPS** 

WEIGH IN MOTION (WIM) STATIONS

CHAIN STORE GUIDE (CSG)

INFOGROUP

TRANSEARCH (TS)

AUTOMATED IDENTIFICATION SYSTEM (AIS)

NAVIGATION DATA CENTER (NDC)

DATE PRODUCED: May 20, 2016

**PRODUCED BY:** TRANSTAT Office

BUREAU OF ECONOMIC
ANALYSIS (BEA) INDUSTRY
ECONOMIC ACCOUNTS

BUREAU OF ECONOMIC AND BUSINESS RESEARCH (BEBR)

BUREAU OF LABOR STATISTICS (BLS)

BTS NATIONAL
TRANSPORTATION ATLAS
DATABASE

BTS NORTH AMERICAN
TRANSBORDER FREIGHT DATA

**CMTS DATA INVENTORY** 

FREIGHT ANALYSIS
FRAMEWORK (FAF)

NATIONAL PERFORMANCE MANAGEMENT RESEARCH DATASET

NATIONAL PIPELINE MAPPING SYSTEM

**PORT OF ENTRY LIST** 

<u>US CENSUS COMMODITY</u> FLOW SURVEY (CFS)

US CENSUS COMMUTING DATA

US CENSUS COUNTY BUSINESS PATTERNS

**US CENSUS DATA** 

<u>US DEPARMENT OF</u> AGRICULTURE DATABASE CRASH ANALYSIS REPORTING SYSTEM (CARS)

REST AREAS AND SERVICE AREA LOCATIONS

MOTOR CARRIER SIZE AND WEIGHT (MCSAW)

PERMIT APPLICATION
SYSTEM FOR OVERWEIGHT
AND OVER-DIMENSIONAL
VEHICLES

CONTAINER NUMBER DATABASE (CND)

ELECTRONIC FREIGHT THEFT
MANAGEMENT SYSTEM (EFTMS)

TRUCK LANE RESTRICTIONS MAP

FLORIDA SEAPORT SYSTEM PLAN

RAIL

OFFICE

850.414.4500

FLORIDA WATERWAY SYSTEM PLAN

FLORIDA PORTS COUNCIL (FPC)

PORT IMPORT/EXPORT REPORTING SERVICE (PIERS)

RAIL SYSTEM PLAN

RAILROAD HIGHWAY
CROSSING INVENTORY
(RHCI)

ADMINISTRATION (FRA)

FEDERAL RAILROAD

PUBLIC/CONFIDENTIAL USE WAYBILL DATA

AMERICAN ASSOCIATION OF RAILROADS (AAR)

RAILROAD PERFORMANCE MEASURES

AIR CARGO SYSTEM PLAN UPDATES

AIRPORT AIR SERVICE PROFILES

FLORIDA AVIATION SYSTEM PLAN

BUREAU OF TRANSPORTATION STATISTICS (BTS) – AIR CARRIER STATISTICS (FORM 41 TRAFFIC)

FEDERAL AVIATION
ADMINISTRATION DATABASE

AIRPORT COUNCIL INTERNATIONAL (ACI)

OFFICIAL AIRLINE GUIDE'S DATABASE (OAG)

**PURPOSE:** The purpose of the Freight and Modal Data Roadmap is to provide a visual of how data sources and active data collection systems relate to users across the FDOT offices.

The roadmap also provides an overview of data sources utilizing a tiered approach to highlight data source workflows. The tiers are identified within the legend and help differentiate proprietary data versus data from other Federal offices or data internal to FDOT.

**LEGEND** 

TIE

TIER I - FDOT & STATE OFFICES DATA



TIER II – FEDERAL OFFICES DATA



TIER III – PRIVATE SECTOR DATA