metroplan orlando
A REGIONAL TRANSPORTATION PARTNERSHIP

2050 Metropolitan Transportation Plan

Appendix A | Data Source Guide

Adopted: December 10, 2025

HOW TO GET INVOLVED IN THE 2050 PLAN

Online at MetroPlanOrlando.gov
Learn more about how long range transportation planning works and sign up for our e-newsletter to get updates on comment opportunities

In Person
Invite us to attend your event or present to your group by contacting our community outreach staff. You can find out about our public meetings in the calendar section of our website

On Social Media
Connect with us on LinkedIn, Facebook, Twitter and YouTube to learn about transportation news and when we'll be out in the community

Requested Printed Material
If you don't have digital access and prefer information in paper form, you can make the request by calling the number below

Questions?
Contact our community outreach staff at **MTP@MetroPlanOrlando.gov** or **(407) 481-5672**

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A.1 Roadway Facility Characteristics

Roadway facility characteristics include the physical and assigned characteristics of a facility. These are essential in understanding the roadway infrastructure that allows people, goods, and services to move within the system safely and efficiently. Identifying and assessing the characteristics of a roadway helps manage operations, improve conditions, and address future growth.

Number of Lanes

Number of lanes data is created and maintained by xGeographic using satellite imagery. The data set is supplemented by available roadway plans documenting geometric changes. Lane fields include through lanes, turn lanes, ramp lanes, bus-only lanes, and total number of lanes.

www.xgeographic.com/wave

Data Developer:	xGeographic
Data Source:	xGeographic Wave Database
Update Frequency:	Quarterly
Temporal Coverage:	2024 (Imagery)
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Posted Speed Limit

Posted speed limit data was collected from the Florida Department of Transportation (FDOT). Posted speed limit data was supplemented using Google Street View for roadways unavailable through the FDOT Transportation Data and Analytics Office (TDA).

www.fdot.gov/statistics/gis/default.shtm

Data Developer:	FDOT TDA Office
Data Source:	Inventory via FDOT District Offices
Update Frequency:	Weekly
Temporal Coverage:	2025
Geographic Coverage:	Statewide
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Functional Classification

FDOT's functional classification is the process where streets and highways are grouped into classes, or systems, according to the character of service they provide. The designation of functional classification is made at least once every 10 years following the decennial Census. Roadways designated with functional classifications are eligible to receive federal funding (i.e. non-local roads are eligible).

www.fdot.gov/statistics/gis/default.shtm

Data Developer:	FDOT TDA Office
Data Source:	Inventory via FDOT District Offices
Update Frequency:	Weekly
Temporal Coverage:	2025
Geographic Coverage:	Statewide
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Context Classification

MetroPlan Orlando completed a Speed Management Network Analysis in 2022 and developed a preliminary context classification roadway network as part of the project. The FDOT context classification standards were used to identify preliminary context classifications along city and county roads.

http://www.metroplanorlando.gov/safety

Data Developer:	MetroPlan Orlando
Data Source:	Speed Management Network Analysis
Update Frequency:	-
Temporal Coverage:	2022
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Actively Monitered and Managed Corridors

Maintaining agency staff will be regularly contacted to provide updates on which corridors are connected with fiber and how many signals are part of a connected signal system and can be communicated with via fiber or cell phone.

www.metroplanorlando.gov/plans/transportation-systems-management-operations-master-plan

Data Developer:	MetroPlan Orlando, Maint. Agencies
Data Source:	CMP
Update Frequency:	Annually
Temporal Coverage:	2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Fiber Optic Presence

Data on fiber optic presence along roadways is provided through Maintaining Agencies and summarized in the 2050 TSMO Master Plan. The presence of fiber optic allows for the real-time monitoring of roadways to support traffic management and improve efficiency of transportation systems.

https://gis-fdot.opendata.arcgis.com/

Data Developer:	Maintaining Agencies
Data Source:	Maintaining Agencies
Update Frequency:	TBD
Temporal Coverage:	2024
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Evacuation Routes

The Florida Division of Emergency Management provides maps with emergency information for each county, based on the most recent regional evacuation studies. The maps provide a roadway-level view of each county's evacuation routes.

https://www.floridadisaster.org/planprepare/disaster-preparedness-maps/

Data Developer:	Florida Div. of Emergency Management
Data Source:	Disaster Preparedness Maps
Update Frequency:	As Needed
Temporal Coverage:	2021
Geographic Coverage:	Countywide
Geographic Resolution:	Roadways
Data Format:	PDF

A.2 Traffic & Mobility Data

Traffic and mobility data play a key role in helping to report how a roadway operates. Transportation networks function best when social and economic needs are met. In serving these needs, demand is generated and can be associated with overall performance of transportation infrastructure. Joined with facility characteristics, traffic and mobility data can provide a dashboard of system performance measures.

Vehicle Miles Traveled

FDOT's TDA Office offers highway mileage reports that provide data on daily vehicle miles traveled (VMT). The reports include a statewide summary by county of all daily VMT on public roads in Florida.

www.fdot.gov/statistics/mileage-rpts/default.shtm

Data Developer:	FDOT TDA Office
Data Source:	Highway Mileage Reports
Update Frequency:	Annual
Temporal Coverage:	2000-2022
Geographic Coverage:	Statewide, Countywide
Geographic Resolution:	County
Data Format:	PDF, CSV

Vehicle Registrations & Licensed Drivers

The Florida Department of Highway Safety and Motor Vehicles (DHSMV) Office provides annual data on vehicle registrations and licensed drivers in Florida by county.

www.flhsmv.gov/resources/driver-and-vehicle-reports

Data Developer:	Florida Dept. of Highway Safety & Motor Vehicles
Data Source:	Driver and Vehicle Reports & Statistics
Update Frequency:	Annual
Temporal Coverage:	2013-2022
Geographic Coverage:	Statewide, Countywide
Geographic Resolution:	County
Data Format:	PDF

Fuel Consumption

The Florida Department of Revenue (FDOR) makes gasoline/motor fuel and diesel fuel consumption data available for the Florida counties. The data are provided in annual and monthly increments and measured in taxable gallons consumed.

www.floridarevenue.com/dataPortal/Pages/TaxResearch.aspx

Data Developer:	Florida Dept. of Revenue
Data Source:	Driver and Vehicle Reports & Statistics
Update Frequency:	Annual
Temporal Coverage:	2010-2022
Geographic Coverage:	Statewide, Countywide
Geographic Resolution:	County
Data Format:	PDF

Fuel Prices

The Energy Information Administration offers data on historical fuel prices (per gallon) in different geographies. As there is no specific series for gasoline in Orlando, the data for Florida is used, while the Lower Atlantic Region serves as the proxy for diesel fuel as no data for Florida is available for this fuel type.

www.eia.gov/dnav/pet/pet_pri_gnd_dcus_sfl_a.htm

Data Developer:	U.S. Energy Information Administration
Data Source:	Highway Mileage Reports
Update Frequency:	Annual
Temporal Coverage:	2008-2022
Geographic Coverage:	Statewide, Countywide
Geographic Resolution:	County
Data Format:	PDF, CSV

Level of Travel Time Reliability (LOTTR)

StreetLight Data makes empirical data available on-demand to provide transportation planning support across North America. Data includes AADT, inferred trip purpose, origins, destinations, routes of trips, demographics, trip speed, duration, and length of trip. MetroPlan Orlando purchased this data to support transportation planning for the region.

www.streetlightdata.com

Data Developer:	StreetLight
Data Source:	GPS, Connected Vehicle, Cellular LBS
Update Frequency:	As procured by MPO
Temporal Coverage:	2017-2022
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	TAZ and Road Network
Data Format:	GIS Shapefile, CSV

Daily Hours of Delay

StreetLight Data makes empirical data available on-demand to provide transportation planning support across North America. Data includes AADT, inferred trip purpose, origins, destinations, routes of trips, demographics, trip speed, duration, and length of trip. MetroPlan Orlando purchased this data to support transportation planning for the region. Congestion Management analysis provide the daily hours of delay at the network level.

www.streetlightdata.com

Data Developer:	StreetLight
Data Source:	GPS, Connected Vehicle, Cellular LBS
Update Frequency:	As procured by MPO
Temporal Coverage:	2025
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Road Network
Data Format:	GIS Shapefile, CSV

Cost of Delay

The FDOT Source Book provides statewide, MPO-level and county-level data relating to numerous data points. Cost of delay data was downloaded from this resource and summarized for each of the counties in the MetroPlan Orlando region.

www.fdotsourcebook.com/performance-measures/auto/person-hours-of-delay#

Data Developer:	Florida Dept. of Transportation
Data Collection:	FDOT Source Book
Update Frequency:	Annual
Temporal Coverage:	2018-2024
Geographic Coverage:	Statewide, Countywide
Geographic Resolution:	County
Data Format:	CSV

Interstate/Non-interstate Reliability

The FDOT Source Book provides statewide, MPO-level and county-level data relating to numerous data points. Percent of person-miles traveled on the interstate/non-interstate that are reliable was downloaded from this resource and summarized for the MetroPlan Orlando region.

www.fdotsourcebook.com/performance-measures/auto/miles-by-congestion-type#

Data Developer:	Florida Dept. of Transportation
Data Source:	FDOT Source Book
Update Frequency:	Annual
Temporal Coverage:	2018-2024
Geographic Coverage:	Statewide, MPO, Countywide
Geographic Resolution:	County
Data Format:	CSV

Strategic Intermodal System

The FDOT Strategic Intermodal System (SIS) is a critical network of infrastructure that ties the roadway system in with passenger rail, freight, and air travel. Facility data is maintained by the FDOT Central Office Planning Team.

www.fdot.gov/planning/systems/sis/maps

Data Developer:	Florida Dept. of Transportation
Data Source:	FDOT Central Office Planning Team
Update Frequency:	N/A
Temporal Coverage:	2024
Geographic Coverage:	Statewide
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Annual Average Daily Traffic (AADT)

Through the annual traffic data collection program, surveys, raw counts, and current and historic databases for the State Highway System (SHS) are gathered. Often, local jurisdictions also collect this data for their roadways. However, the state data set is the most extensive and provides key information about the region's critical roadways.

www.fdot.gov/statistics/gis/default.shtm

Data Developer:	FDOT TDA Office
Data Source:	TTMS and PTMS Monitoring Sites
Update Frequency:	Annual
Temporal Coverage:	Varies-2024
Geographic Coverage:	Statewide
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Truck Travel Time Reliability (TTTR)

The FDOT Source Book provides statewide, MPO-level and county-level data relating to numerous data points. Truck Travel Time Reliability (TTTR) data was downloaded from this resource and summarized for each of the counties in the MetroPlan Orlando region.

www.fdotsourcebook.com/federal-measures/system-performance

Data Developer:	Florida Dept. of Transportation
Data Source:	FDOT Source Book
Update Frequency:	Annual
Temporal Coverage:	2018-2024
Geographic Coverage:	Statewide, Countywide
Geographic Resolution:	County
Data Format:	CSV

Congestion Levels

The FDOT Source Book provides statewide, MPO-level and county-level data relating to numerous data points. Congestion level data was downloaded from this resource and summarized for each of the counties in the MetroPlan Orlando region.

www.fdotsourcebook.com/performance-measures/auto/miles-by-congestion-type#

Data Developer:	Florida Dept. of Transportation
Data Source:	FDOT Source Book
Update Frequency:	Annual
Temporal Coverage:	2018-2024
Geographic Coverage:	Statewide, Countywide
Geographic Resolution:	County
Data Format:	CSV

Cost of Congestion

The cost of delay measure employs vehicle speeds collected from StreetLight data, which is used to calculate hours of delay, alongside average household income employed at the county-level from the US Census.

www.streetlightdata.com

Data Developer:	Streetlight, US Census
Data Source:	GPS, Connected Vehicle, Cellular LBS
Update Frequency:	As procured by MPO
Temporal Coverage:	2017-2022
Geographic Coverage:	Statewide, Countywide
Geographic Resolution:	Roadways, County
Data Format:	GIS Shapefile, CSV

Volume-to-Capacity (V/C)

As part of the Central Florida Regional Planning Model (CFRPM), all-day V/C ratios are provided within links, which run along the transportation network. This data is provided for the year in which the model is run. The currently approved CFRPM 7 provides a forecast year 2045.

www.cfrpm.org/index.php/Main_Page

Data Developer:	Florida Dept. of Transportation
Data Source:	CFRPM 7
Update Frequency:	N/A
Temporal Coverage:	2015-2045, 5-year intervals
Geographic Coverage:	FDOT District 5
Geographic Resolution:	Roadway Links
Data Format:	GIS Shapefile

Percentage of Truck Traffic

The FDOT Truck Traffic Volumes are measured through daily truck volumes along roadway traffic breaks. The data is collected along with other information in the FDOT Roadway Characteristics Inventory (RCI).

https://www.fdot.gov/statistics/rci/default.shtm

Data Developer:	Florida Dept. of Transportation
Data Source:	FDOT RCI
Update Frequency:	Annual
Temporal Coverage:	2018-2024
Geographic Coverage:	Statewide
Geographic Resolution:	Roadway
Data Format:	GIS Shapefile

Statewide Truck Bottlenecks

Truck travel times and travel time reliability is collected through the National Performance Management Research Data Set (NPMRDS) and the FDOT Freight and Rail Office. Statewide truck bottlenecks were identified through the 2024 FDOT Freight Mobility and Trade Plan.

https://www.fdot.gov/rail/plandevel/freight-mobility-and-trade-plan

Data Developer:	NPMRDS
Data Source:	Florida Dept. of Transportation
Update Frequency:	N/A
Temporal Coverage:	2024
Geographic Coverage:	Statewide
Geographic Resolution:	Roadway
Data Format:	CSV

Central Florida MPO Alliance TSM&O Project Rubric

The TSM&O Project Evaluation Rubric defines regional TSM&O projects and provides a point system for various categories, including transportation efficiency, safety, economic development, and environment. This rubric was referenced to determine if the TSM&O projects identified in the plan are considered regional projects.

Data Developer:	Central Florida MPO Alliance
Data Source:	TSM&O Project Evaluation Rubric
Update Frequency:	N/A
Temporal Coverage:	2022
Geographic Coverage:	Central Florida
Geographic Resolution:	MPO
Data Format:	PDF

Trip Purpose Data

2021 Trip purpose data was downloaded from StreetLight Insight Platform using the StreetLight Location-Based Service source was downloaded and summarized by Census Block Group in the MetroPlan Orlando region. Trip purpose data was not available after 2021 when StreetLight changed the data source to Connected Vehicle Data.

https://www.streetlightdata.com/

Data Developer:	StreetLight Data, Inc.
Data Source:	StreetLight Insight Platform
Update Frequency:	N/A
Temporal Coverage:	2021
Geographic Coverage:	Nationwide
Geographic Resolution:	Census Block Group
Data Format:	GIS Shapefile, CSV

Trip Mode Data

Replica seasonal data is supported by a nationwide activity-based travel model to gain insights for mobility. 2022 Trip data by mode was downloaded from Replica and summarized by Census Block Group in the MetroPlan Orlando region.

https://www.replicahq.com/

Data Developer:	Replica
Data Source:	Replica Platform
Update Frequency:	Seasonal
Temporal Coverage:	Fall 2022
Geographic Coverage:	Nationwide
Geographic Resolution:	Census Block Group
Data Format:	GIS Shapefile, CSV

Commute Pattern Data

Each year, American Community Survey (ACS) publishes statistics related to commuting in the United States such as household vehicle ownership, commute mode share, or mean travel time to work. 2020 ACS 1-year estimates was not provided because of low response rate due to COVID-19 pandemic.

https://www.census.gov/topics/employment/commuting/guidance/acs-1yr.html

Data Developer:	U.S. Census Bureau
Data Source:	Survey
Update Frequency:	Annual
Temporal Coverage:	2018-2024
Geographic Coverage:	Nationwide
Geographic Resolution:	County
Data Format:	CSV

Travel Flow Data

StreetLight Data is an on-demand mobility analytics platform, which takes empiric data from mobile devices to support transportation analyses like trip origin/destination, travel length, travel time. 2022 travel flow data was downloaded from StreetLight Insight Platform using the StreetLight Connected Vehicle Data source and summarized by Census Block Group in the MetroPlan Orlando region.

https://www.streetlightdata.com/

Data Developer:	StreetLight Data, Inc.
Data Source:	StreetLight Insight Platform
Update Frequency:	N/A
Temporal Coverage:	2022
Geographic Coverage:	Nationwide
Geographic Resolution:	Census Block Group
Data Format:	GIS Shapefile, CSV

Historical Commute Flow Data

Commute flow data was obtained from the U.S. Census Bureau's "journey to work" topic. Data prior to 2001 was processed by U.S. Census Bureau directly, data after 2010 was summarized by the American Association of State Highway and Transportation Officials (AASHTO) in their Census Data for Transportation Planning Applications (CTPP) product.

www.census.gov/topics/employment/commuting/guidance/flows.html

Data Developer:	U.S. Census Bureau
Data Source:	Census
Update Frequency:	Every 2-3 Years
Temporal Coverage:	1990-2020
Geographic Coverage:	Nationwide
Geographic Resolution:	County
Data Format:	CSV

Commercial Vehicle Data

2022 Commercial vehicle data was downloaded from StreetLight Insight Platform using the StreetLight Connected Vehicle Data source, which shows the annual average weekday and all-day commercial vehicle index along different roadway segments.

https://www.streetlightdata.com/

Data Developer:	StreetLight Data, Inc.
Data Source:	StreetLight Insight Platform
Update Frequency:	N/A
Temporal Coverage:	2022
Geographic Coverage:	Nationwide
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile, CSV

Electric Vehicle Charging Stations

The U.S. Bureau of Transportation Statistics keeps detailed records and geospatial information relating to electric vehicle charging stations. This information is updated as new charging stations are installed.

www.geodata.bts.gov/datasets/usdot::alternative-fueling-stations/about

Data Developer:	U.S. Bureau of Transportation Statistics
Data Source:	Reported by Builder
Update Frequency:	Daily
Temporal Coverage:	2018-2023
Geographic Coverage:	Nationwide
Geographic Resolution:	Individual Station
Data Format:	CSV

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A.3 Bicycle & Pedestrian Data

The demand for transportation services in Central Florida is outpacing the ability to continue to expand road capacity in traditional ways. Supporting the development of bicycle and pedestrian accommodations provides more ways to serve future travel demands in the region.

Regional Active Transportation Plan: Ride & Stride 2050 (ATP)

The ATP is a roadmap to enhance active transportation options on the MPO Roadway Network throughout the region. This plan was created by staff in conjunction with the ATP Steering Committee in 2024. Many of the active transportation needs in the 2050 originated in the ATP.

www.MetroplanOrlando.gov/ATP

Data Developer:	MetroPlan Orlando
Data Source:	MetroPlan Orlando
Update Frequency:	N/A
Temporal Coverage:	2022-23
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Regionwide
Data Format:	PDF

Sidewalk Coverage

Sidewalk data was compiled by reviewing satellite imagery. A value of 0, 1, or 2 (0 sidewalks, 1 sidewalk, 2 sidewalks) is assigned to each roadway segment in the region with the exception of limited access highways. The data is updated as new development occurs and as reports of new sidewalks are made available. Satellite imagery is reviewed on an annual basis.

www.xgeographic.com/wave

Data Developer:	xGeographic
Data Source:	xGeographic Wave Database
Update Frequency:	Quarterly
Temporal Coverage:	2022-23 (Imagery)
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Trails & Wide Sidewalks

Trail data was collected from FDOT, counties, municipalities, and governmental agencies and compiled into a single GIS shapefile. The file includes existing and proposed segments that were quality assured using satellite imagery and through MetroPlan Orlando Technical Advisory Committee (TAC) involvement in the regional Active Transportation Plan. xGeographic maintains the data.

www.xgeographic.com/wave

Data Developer:	xGeographic
Data Source:	xGeographic Wave Database
Update Frequency:	Quarterly
Temporal Coverage:	2022-23 (Imagery)
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Trail Segments
Data Format:	GIS Shapefile

On-Street Bike Lanes

Proposed bike lane data was collected from FDOT, counties, and municipalities and compiled into a single GIS shapefile. The file includes existing and proposed segments that were quality assured using satellite imagery and through MetroPlan Orlando Technical Advisory Committee (TAC) involvement in the regional Active Transportation Plan. xGeographic maintains the data.

www.xgeographic.com/wave

Data Developer:	xGeographic
Data Source:	xGeographic Wave Database
Update Frequency:	Quarterly
Temporal Coverage:	2022-23 (Imagery)
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Bike Lane Segments
Data Format:	GIS Shapefile

LTS/PLOC Scores

Level of Traffic Stress (LTS) and Pedestrian Level of Comfort (PLOC) are metrics designed to evaluate comfort of bicycle and pedestrian facilities, respectively. The files include scores for all sidewalk facilities, bicycle facilities, and roadways in the region as well as attribute data for how those scores were determined.

www.xgeographic.com/wave

www.MetroplanOrlando.gov/ATP

Data Developer:	Fehr & Peers, xGeographic
Data Source:	xGeographic Wave Database
Update Frequency:	N/A
Temporal Coverage:	2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Bike, Pedestrian, and Road Segments
Data Format:	GIS Shapefile

2050 Active Transportation Network

Proposed bicycle and pedestrian network infrastructure improvements around the region. This network of proposed facilities was created as a result of Ride & Stride, 2050 Regional Active Transportation Plan (ATP) and approved by the ATP Steering Committee.

www.xgeographic.com/wave

www.MetroplanOrlando.gov/ATP

Data Developer:	Fehr & Peers, xGeographic
Data Source:	xGeographic Wave Database
Update Frequency:	MTP Update
Temporal Coverage:	2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Segments and Points
Data Format:	GIS Shapefile

Critical Sidewalk Gap Bundles

Proposed critical gaps in the region's sidewalk network have been identified as potential projects, and these gaps have been bundled to meet federal requirements for funding minimums. This GIS layer includes the project bundles as well as prioritization scoring attributes for the project bundles.

www.xgeographic.com/wave

www.MetroplanOrlando.gov/ATP

Data Developer:	HDR, Inc.
Data Source:	HDR, GIS sources from all municipalities within region
Update Frequency:	MTP Update
Temporal Coverage:	2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Segments and Bundled Segments
Data Format:	GIS Shapefile

A.4 Transit Data

Transit plays an important role in the Central Florida region moving residents and tourists. Transit is provided in multiple ways throughout the region, and each provider maintains data. Transit agency sources may refer to the agency or the agency's managing body. For example, SunRail may be referred to as the Central Florida Commuter Rail Commission (CFCRC) and LYNX may be referred to as the Central Florida Regional Transportation Authority (CFRTA) for accuracy.

LYNX Ridership

Ridership data is collected through the use of Automated Passenger Counters (APC). An APC system provides a transit system with an automated method for collecting information about the number of passenger boardings and alightings at a variety of system levels, including route, segment, or specific bus stops by time of day and by day of week. The most recent annual report is linked below.

www.golynx.com

www.golynx.com/core/fileparse.php/143255/urlt/ACFR-FY23-LYNX-GFOA-Build-3-20-24.pdf

Data Developer:	LYNX
Data Source:	Annual Comprehensive Financial Report
Update Frequency:	Annual
Temporal Coverage:	2013-2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	MetroPlan Orlando Region
Data Format:	PDF

LYNX Transit Frequency

This data accounts for how often a transit vehicle arrives. LYNX compiles GIS data in a centralized location and includes route headway.

https://metroplanorlando.gov/maps-tools/tracking-the-trends-data-library/

Data Developer:	LYNX
Data Source:	LYNX GIS
Update Frequency:	Annual
Temporal Coverage:	2018-2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Systemwide
Data Format:	PDF

LYNX On Time Performance

LYNX compiled the annual ridership year-end review to report the system wide performance, including passenger ridership, on-time performance and bus related accidents.

https://www.golynx.com/core/fileparse.php/143255/urlt/Ridership-year-end-review_2023.pdf

Data Developer:	LYNX
Data Source:	LYNX Ridership Year End Review
Update Frequency:	Annual
Temporal Coverage:	2018-2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Systemwide
Data Format:	PDF

LYNX Routes, Facilities & Service Area

LYNX compiles GIS data in a centralized location and includes bus route, bus stop, facility, station, and service area data.

www.lynx.maps.arcgis.com/home/group.html?id=32d7b3502c9047ae8e44ec3e2b335665&view=grid&showFilters=false&sortField=title&sortOrder=asc%23content#content

Data Developer:	LYNX
Data Source:	LYNX GIS
Update Frequency:	Annual
Temporal Coverage:	2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Facilities, Service Areas
Data Format:	PDF

SunRail Ridership, Stops & Route

SunRail is Central Florida's commuter rail system. The SunRail network currently operates over 49 miles with 16 stations along a former CSX Transportation line connecting Volusia County and Osceola County through Downtown Orlando, passing through Seminole and Orange Counties. SunRail captures ridership statistics monthly and annually by station and monthly by train.

www.sunrail.com

www.sunrail.com/wp-content/uploads/2022/08/SunRail-Annual-Ridership-By-Station-FYTD-2023.pdf

Data Developer:	SunRail
Data Source:	SunRail Ridership by Station Report
Update Frequency:	Annual
Temporal Coverage:	2016-2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Stops, Route Segments
Data Format:	PDF

SunRail Transit Frequency

This data accounts for how often a SunRail train arrives SunRail compiles GIS data in a centralized location and includes route headway.

https://metroplanorlando.gov/maps-tools/tracking-the-trends-data-library/

Data Developer:	SunRail/CFCRC
Data Source:	SunRail GIS
Update Frequency:	Annual
Temporal Coverage:	2019, 2021-2022
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Systemwide
Data Format:	PDF

SunRail On Time Performance

The FDOT Source Book provides statewide, MPO-level and county-level data relating to numerous data points. On-time performance was downloaded from this resource and summarized for each transit agency.

https://fdotsourcebook.com/performance-measures/rail/passengers#

Data Developer:	Florida Dept. of Transportation
Data Source:	FDOT Source Book via FDOT Transit Office
Update Frequency:	Annual
Temporal Coverage:	2018-2023
Geographic Coverage:	Statewide
Geographic Resolution:	Systemwide
Data Format:	CSV

Brightline Route & Station

Brightline is a passenger rail service with a station at Orlando International Airport and several stations located in south Florida. The route and stations were drawn in GIS using satellite imagery as part of the MTP update.

www.gobrightline.com

I-RIDE Trolley Service

The I-RIDE Trolley is a transportation service within the International Drive Resort Area. The I-RIDE Trolley travels on a 24-mile circulator route with two primary lines – Red Line and Green Line. I-Ride Trolley, in partnership with NextBus, provides a web-based, real time, ADA-friendly, GPS-tracked service to reveal trolley arrival times for each stop. Ridership data is collected by stop, on a daily, monthly, and yearly basis. I-RIDE Trolley service also collects data for maintenance for the buses.

www.internationaldriveorlando.com/iride-trolley/

Sanford Trolley Service

The City of Sanford provides a free downtown trolley through its Community Redevelopment Agency (CRA). The Sanford trolley travels from the Sanford SunRail station to downtown Sanford, making frequent stops along the way before returning to the SunRail station. In addition to the trolley, the CRA also offers a free shuttle from the Amtrak Auto Train to the Sanford Welcome Center.

www.sanfordfl.gov/residents/free-trolley-service/

Amtrak

Amtrak is a rail passenger service that travels across the country with stations in Central Florida. Amtrak collects service and ridership data by each station.

www.amtrak.com/state-fact-sheets

University of Central Florida Shuttle Service

The University of Central Florida (UCF) provides shuttle services through the Parking & Transportation Services department. Shuttle services operate every class day, excluding weekends. The on-campus shuttle system called Pegasus is offered to students, faculty, and staff members. The off-campus shuttle service provides 15 regular, fixed shuttle routes between the UCF campus and 22 off-campus apartment complexes and Central Florida Research Park. UCF offers the Grocery Shuttle providing services on Tuesdays from selected stops to Publix Super Market and back. Implemented Fall 2019, shuttle services are also available from the UCF Main Campus' LYNX Transit Center to UCF Downtown Campus.

www.parking.ucf.edu

A.5 Freight Commodity Type & Flow Data

Freight refers to any good moved by truck, railroad, waterborne vessel, airplane, pipeline, or launched into space. Identifying and implementing improvements to accommodate increasing demand for freight and goods movement in the Central Florida region is critical to the region's economic vitality and quality of life. Commodity flows are typically used in freight planning to provide insights about the economic and trade environment of a region. Commodity flow attributes help tie goods movement to economic development by providing information about consumption dependencies such as raw material or service input markets (imports), and markets for finished products (exports).

National Freight Network

Per the FAST Act, the Federal Highway Administration (FHWA) designated the National Highway Freight Network to strategically direct Federal resources and policies toward improved performance of roadway portions of the U.S. freight transportation system.

www.ops.fhwa.dot.gov/freight/infrastructure/nfn/index.htm

Data Developer:	Federal Highway Administration
Data Source:	National Highway Freight Network
Update Frequency:	N/A
Temporal Coverage:	2024
Geographic Coverage:	United States
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Regional Freight Network

The regional freight network was developed by MetroPlan Orlando to complement the national freight network and to integrate freight into the long-range planning process. The network was originated and last updated as part of the 2013 Regional Freight Study.

www.metroplanorlando.gov/programs-resources/regional-freight-plan/

Data Developer:	MetroPlan Orlando
Data Source:	Regional Freight Study 2013
Update Frequency:	N/A
Temporal Coverage:	2013
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Truck Parking

The Florida Department of Transportation developed an inventory of public and privately-owned truck parking within the state as part of the 2020 Statewide Truck Parking Study. Efforts were continued with a 2023 Truck Parking Implementation Study. In addition to this work, FDOT is developing a Truck Parking Availability System (TPAS) to improve the use of information technology to address truck parking needs.

www.fdot.gov/rail/studies/truck-parking

Data Developer:	Florida Department of Transportation
Data Source:	Truck Parking Studies
Update Frequency:	N/A
Temporal Coverage:	2020, 2023
Geographic Coverage:	Statewide
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Railroad Ownership & Mileage

The Florida Department of Transportation maintains a GIS shapefile of the statewide rail network as part of their rail system planning. This data was used to complete the 2023 Rail System Plan. As part of the MTP process, the Brightline rail was added to this database manually.

www.fdot.gov/rail/plans/railplan

Data Developer:	Florida Department of Transportation
Data Source:	FDOT TranStat Rail Network
Update Frequency:	N/A
Temporal Coverage:	2023
Geographic Coverage:	Statewide
Geographic Resolution:	Railroads
Data Format:	GIS Shapefile

Space Launches & Payload to Orbit

The FDOT Source Book provides statewide, MPO-level and county-level data relating to numerous data points. Space launch and payload to orbit data was downloaded from this resource and summarized for the Kennedy Space Center.

www.fdotsourcebook.com/performance-measures/spaceport/space-payloads#

www.fdotsourcebook.com/performance-measures/spaceport/space-launches#

Data Developer:	Florida Dept. of Transportation
Data Source:	FDOT Source Book
Update Frequency:	Annual
Temporal Coverage:	2018-2024
Geographic Coverage:	Statewide
Geographic Resolution:	Kennedy Space Center
Data Format:	CSV

Port Canaveral Cargo Tonnage

The FDOT Source Book provides statewide, MPO-level and county-level data relating to numerous data points. Seaport cargo tonnage data was downloaded from this resource and summarized for Port Canaveral.

www.fdotsourcebook.com/performance-measures/seaport/seaport-tonnage#

Data Developer:	Florida Dept. of Transportation
Data Source:	FDOT Source Book
Update Frequency:	Annual
Temporal Coverage:	2018-2024
Geographic Coverage:	Statewide
Geographic Resolution:	Port Canaveral
Data Format:	CSV

A.6 Safety Data

Safety is a goal of the 2050 MTP. Planning for safety is important to implementing our regional plan. Safety impacts on all users are considered including those who drive, walk, roll, cycle, ride the bus, and more.

Crash Data

Signal Four Analytics is developed and hosted by the University of Florida (UF) GeoPlan Center. Agencies use Signal Four Analytics for work in law enforcement, traffic engineering, transportation planning, school transportation, as well as injury prevention, universities, and any organization related to traffic safety. Crash reports from the Department of Highway Safety and Motor Vehicles (DHSMV) are uploaded daily.

www.signalfouranalytics.com

Data Developer:	Signal Four Analytics
Data Source:	DHSMV
Update Frequency:	Daily
Temporal Coverage:	2018-2022
Geographic Coverage:	Statewide
Geographic Resolution:	Roadways, Crash Points
Data Format:	CSV, GIS Shapefile

Crash Rates by Road Feature

Crash data from Signal Four Analytics is cross-referenced with the xGeographic Wave roadway database. The resulting summary statistics were compiled for each roadway attribute, such as Number of Lanes and Posted Speed Limit (see Roadway Facility Characteristics section for the data source). The process of cross-referencing the databases was developed as part of the Vision Zero Central Florida project in 2023.

www.xgeographic.com/wave

www.signalfouranalytics.com

Data Developer:	Signal Four Analytics; xGeographic
Data Source:	DHSMV; xGeographic Wave Database
Update Frequency:	Daily; Quarterly
Temporal Coverage:	2018-2022; 2022-23 (Imagery)
Geographic Coverage:	Statewide; MetroPlan Orlando Region
Geographic Resolution:	Roadways, Crash Points; Roadways
Data Format:	CSV, GIS Shapefile; GIS Shapefile

Crash Rates by Roadway Functional Classification

Crash data from Signal Four Analytics is cross-referenced with the xGeographic Wave roadway database. The resulting summary statistics are compiled for each roadway attribute. The xGeographic Wave database contains functional classification data (see Roadway Facility Characteristics for the data source). Cross-referencing the databases was conducted as part of the Vision Zero Central Florida project in 2023.

www.xgeographic.com/wave

www.fdot.gov/statistics/gis/default.shtm

Data Developer:	Signal Four Analytics; xGeographic
Data Source:	DHSMV; xGeographic Wave Database
Update Frequency:	Daily; Quarterly
Temporal Coverage:	2018-2022; 2022-23 (Imagery)
Geographic Coverage:	Statewide; MetroPlan Orlando Region
Geographic Resolution:	Roadways, Crash Points; Roadways
Data Format:	CSV, GIS Shapefile; GIS Shapefile

Safe Speeds Management Corridor

MetroPlan Orlando completed a Speed Management Network Analysis in 2022, where it used current traffic speeds measured by Wejo to identify corridors with a higher disparity between the current 85th percentile operating speed and the posted speed.

http://www.metroplanorlando.gov/safety

Data Developer:	MetroPlan Orlando
Data Source:	Wejo
Update Frequency:	-
Temporal Coverage:	2022 Study
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Roadways
Data Format:	GIS Shapefile

Emergency Response Time/Average Crash Clearance Time

Emergency response time and average crash clearance times are reported quarterly in FDOT's SunGuide Reports.

https://metroplanorlando.gov/maps-tools/tracking-the-trends-data-library/

Data Developer:	FDOT
Data Source:	FDOT D5 SunGuide ITS PM Report
Update Frequency:	Annual
Temporal Coverage:	2018, 2019, 2022
Geographic Coverage:	MetroPlan Orlando Planning Region
Geographic Resolution:	Corridor
Data Format:	PDF

Regional Safety Score

Using crash data, MetroPlan Orlando developed a Safety Score methodology as part of the Regional Vision Zero Safety Action Plan. The score was calculated for roadways and intersections. IT was based on the total number of crashes, the highest level of injury sustained in each crash, and the travel mode of victims. Crashes that result in death or severe injury or include a person outside a vehicle received a higher weight.

http://www.metroplanorlando.gov/safety

Data Developer:	MetroPlan Orlando
Data Source:	DHSMV, Sigal Four Analytics
Update Frequency:	As Needed
Temporal Coverage:	2018-2022
Geographic Coverage:	Statewide
Geographic Resolution:	Roadways, Crash Points
Data Format:	CSV, GIS Shapefile

High Injury Network

The High Injury Network (HIN) uses the Regional Safety Score to identify roadways with the highest cluster of fatal or severe injury crashes. Safety scores for each half mile roadway segment to identify concurrent segments with the highest scores. High injury intersections were identified using a similar process, considering all crashes within 250 feet of each intersection.

http://www.metroplanorlando.gov/safety

Data Developer:	MetroPlan Orlando
Data Source:	DHSMV, Signal Four Analytics
Update Frequency:	As Needed
Temporal Coverage:	2018-2022
Geographic Coverage:	Statewide
Geographic Resolution:	Roadways, Crash Points
Data Format:	CSV, GIS Shapefile

Hospitalization Data

Data related to deaths, emergency room visits and hospitalizations for people who were injured while walking, biking, or using mobility devices including electric bikes and scooters, was obtained from the Florida Injury Surveillance System (FISS). This data is used to identify people who are injured or killed while walking or biking without the involvement of a vehicle, like someone tripping over curb and hitting their head, or bike crash with a pedestrian on a trail.

https://www.floridahealth.gov/

Data Developer:	Florida Injury Surveillance System
Data Source:	Florida Department of Health
Update Frequency:	Annual
Temporal Coverage:	2011-2021
Geographic Coverage:	Statewide; MetroPlan Orlando Region
Geographic Resolution:	People by County
Data Format:	CSV

Rail Trespasser Incidents

The FDOT Modal Development Office provided information related to trespassing incidents near train tracks in the region. Incidents between people walking or bicycling and trains do not typically show up in crash reports from Signal Four Analytics due to no motor vehicles being involved. Crashes involving a vehicle and a train are included in the Signal Four Analytics dataset.

https://www.fdot.gov/rail/

Data Developer:	FDOT
Data Source:	FDOT Modal Development Office
Update Frequency:	Quarterly
Temporal Coverage:	October 2018 to March 2023
Geographic Coverage:	MetroPlan Orlando Region Rail Lines
Geographic Resolution:	Rail Corridors
Data Format:	CSV

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A.7 Socioeconomic Data

Socioeconomic (SE) data includes demographics and economic data such as population, employment, unemployment, and neighborhood segmentation. Socioeconomic data is used by planners for a variety of reasons such as environmental justice, public involvement, and understanding specific community issues. These data sources are also used in transportation models for forecasting travel demand.

American Community Survey

The ACS helps local officials, community leaders, and businesses understand the changes taking place in their communities. The data is downloadable in base geography format, typically at the Census Tract, Census Block Group, or Census Block level. Numerous datasets, such as income, are derived from this source by joining Census tables to geographic areas.

www.census.gov/programs-surveys/acs/data.html

Data Developer:	U.S. Census Bureau
Data Source:	Survey
Update Frequency:	Annual
Temporal Coverage:	2018-2022
Geographic Coverage:	Nationwide
Geographic Resolution:	Tracts, Block Groups, Blocks
Data Format:	GIS Shapefile, CSV

Population

Population estimates are compiled by the U.S. Census Bureau, with new estimates released annually. The Census Bureau, through its American Community Survey/Fact Finder and other tools, provides a variety of annual data regarding the nation's demographics and its people. Population data was also supplemented with Replica data.

www.census.gov/programs-surveys/popest.html

https://www.replicahq.com/

Data Developer:	U.S. Census Bureau, Replica
Data Source:	Census, Replica Platform
Update Frequency:	Annual, Seasonal
Temporal Coverage:	1990-2022, Spring 2023
Geographic Coverage:	Nationwide
Geographic Resolution:	County, Census Block Group
Data Format:	GIS Shapefile, CSV

Jobs

U.S. Census Bureau's Longitudinal Employer-Household Dynamics (LEHD) Origin-Destination Employment Statistics (LODES) with new estimates released annually provides the workflow at the census block group level. Data files are state-based and organized into three types: Origin-Destination (OD), Residence Area Characteristics (RAC), and Workplace Area Characteristics (WAC).

www.lehd.ces.census.gov

Data Developer:	U.S. Census Bureau
Data Source:	LEHD
Update Frequency:	Annual
Temporal Coverage:	2002-2022
Geographic Coverage:	Nationwide
Geographic Resolution:	Census Block Group
Data Format:	CSV

Population & Employment Density

Maps depicting population and employment density are modeled as part of the Central Florida Regional Planning Model at the Traffic Analysis Zone (TAZ) resolution. The maps associated with this data are used due to their small geographic resolution, which provides detailed population and employment estimates for small geographical areas.

www.cfrpm.org/index.php/Main_Page

Data Developer:	FDOT
Data Source:	CFRPM 7
Update Frequency:	N/A
Temporal Coverage:	2022
Geographic Coverage:	FDOT District 5
Geographic Resolution:	Traffic Analysis Zones (TAZ)
Data Format:	GIS Shapefile

Employment & Employment by Industry

Area employment estimates were collected from the United States Commerce Department's Bureau of Economic Analysis (BEA). The estimates include data on total and industry employment at the state, and county levels. Employment data was also supplemented with Replica data.

www.bea.gov/data/by-place-county-metro-local

https://www.replicahq.com/

Data Developer:	U.S. Department of Commerce BEA, Replica
Data Source:	Surveys, Agencies, NAICS, Replica
Update Frequency:	Annual, Seasonal
Temporal Coverage:	1990-2022, 2023
Geographic Coverage:	Nationwide, Census Block Group
Geographic Resolution:	County
Data Format:	GIS Shapefile, CSV

Unemployment

The United States Bureau of Labor Statistics' (BLS) Local Area Unemployment Statistics (LAUS) program is a federal-state cooperative effort in which monthly and annual estimates of unemployment rates are prepared for states, counties, and metro areas.

www.bls.gov/lau/

Data Developer:	U.S. Bureau of Labor Statistics
Data Source:	Survey
Update Frequency:	Monthly
Temporal Coverage:	1990-2022
Geographic Coverage:	Nationwide
Geographic Resolution:	County
Data Format:	CSV

Population Diversity

Race information is compiled as part of the U.S. Census. The visualization used in the 2050 MTP is compiled by the U.S. Census Bureau and symbolizes points by size of population and the largest racial population within each area associated with a map point.

www.arcgis.com/home/item.html?id=30d2e10d4d694b3eb4dc4d2e58dbb5a5

Data Developer:	U.S. Census Bureau
Data Source:	Survey
Update Frequency:	Annual
Temporal Coverage:	Points, 2020; Statistics, 2022
Geographic Coverage:	Nationwide
Geographic Resolution:	Blocks, Tracts (Map Points) County (Statistics)
Data Format:	GIS Shapefile, CSV

Areas of Persistent Poverty

This data from the U.S. Department of Transportation measures census tracts that have had a measured poverty rate of at least 20% for an extended period of time, typically at least five to ten years.

https://www.transit.dot.gov/grant-programs/areas-persistent-poverty-program

Data Developer:	U.S. Dept. of Transportation
Data Source:	Numerous Input Datasets
Update Frequency:	N/A
Temporal Coverage:	2020 (Latest)
Geographic Coverage:	Nationwide
Geographic Resolution:	Census Tract
Data Format:	GIS Shapefile

Cost Burdened Households

Cost burdened households are defined as households which pay for than 30 percent of their income for housing. Estimates of cost burdened households are compiled by the U.S. Census Bureau, with new estimates released annually.

www.census.gov/

Data Developer:	U.S. Census Bureau
Data Source:	Census
Update Frequency:	Annual
Temporal Coverage:	1990-2022
Geographic Coverage:	Nationwide
Geographic Resolution:	County
Data Format:	GIS Shapefile, CSV

Transportation Disadvantaged Communities

The Transportation Underserved Communities dataset was created as part of the US Census. The data is tracked at the Census Tract level and includes communities that are at-risk to factors including transportation insecurity, extreme weather and disaster risk burdens, environmental and air quality burdens, health vulnerabilities, and social vulnerabilities

www.census.gov/

Data Developer:	U.S. Census
Data Source:	Census
Update Frequency:	Annual
Temporal Coverage:	2022 (Latest)
Geographic Coverage:	Nationwide
Geographic Resolution:	Tract
Data Format:	GIS Shapefile

Schools and Essential Services

Area employment estimates were collected from the United States Commerce Department's Bureau of Economic Analysis (BEA). The estimates include data on total and industry employment at the state, and county levels.

www.bea.gov/data/by-place-county-metro-local

Data Developer:	U.S. Department of Commerce, Bureau of Economic Analysis
Data Source:	Surveys, Agencies, NAICS
Update Frequency:	Annual
Temporal Coverage:	1990-2022
Geographic Coverage:	Nationwide
Geographic Resolution:	County
Data Format:	CSV

Tapestry LifeModes

Tapestry Segmentation, developed by ESRI as a geodemographic market segmentation system, classifies neighborhoods across the country into 67 unique segments throughout 14 different groups. These segment classifications are based on demographics, as well as socioeconomic characteristics. The 14 different groups, called LifeMode Summary Groups, represent and reflect different lifestyles and stages of life. Tapestry Segmentation is used to describe neighborhoods in easy-to-visualize terms in order to better understand and meet the needs of the population living there.

www.esri.com/en-us/arcgis/products/tapestry-segmentation/overview

Data Developer:	ESRI
Data Source:	Numerous Input Datasets
Update Frequency:	Annual
Temporal Coverage:	2023
Geographic Coverage:	Nationwide
Geographic Resolution:	Neighborhood
Data Format:	GIS Shapefile

Household Estimates

Replica seasonal data is supported by a nationwide activity-based travel model to gain insights for mobility. 2023 Household estimates by Census Block Group are obtained from Replica and are summarized by specific community to understand their unique travel patterns and trends.

https://www.replicahq.com/

Data Developer:	Replica
Data Source:	Replica Platform
Update Frequency:	Seasonal
Temporal Coverage:	Spring 2023 Release
Geographic Coverage:	Nationwide
Geographic Resolution:	Census Block Group
Data Format:	GIS Shapefile, CSV

Median Age

Replica seasonal data is supported by a nationwide activity-based travel model to gain insights for mobility. 2023 Median age estimates by Census Block Group are obtained from Replica and are summarized by specific community to understand their unique travel patterns and trends.

https://www.replicahq.com/

Data Developer:	Replica
Data Source:	Replica Platform
Update Frequency:	Seasonal
Temporal Coverage:	Spring 2023 Release
Geographic Coverage:	Nationwide
Geographic Resolution:	Census Block Group
Data Format:	GIS Shapefile, CSV

Median Household Income

Replica seasonal data is supported by a nationwide activity-based travel model to gain insights for mobility. 2023 Median household income estimates by Census Block Group are obtained from Replica and are summarized by specific community to understand their unique travel patterns and trends.

https://www.replicahq.com/

Data Developer:	Replica
Data Source:	Replica Platform
Update Frequency:	Seasonal
Temporal Coverage:	Spring 2023 Release
Geographic Coverage:	Nationwide
Geographic Resolution:	Census Block Group
Data Format:	GIS Shapefile, CSV

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A.8 Environmental & Health Data

Transportation is part of our built environment and is directly linked to the community it serves. The 2050 MTP explores the linkage between health, transportation, and the environment. Environmental and health involves data such as conservation areas, wetlands, floodplains, and air quality.

Parcels

Parcel data is available from the County Property Appraiser's office associated with each county. This data contains information on parcel build year and land use codes.

www.ocpaweb.ocpafl.org/faqcontent/Products

www.seminolecountyfl.gov/departments-services/information-services/gis-geographic-information-systems/gis-data.stml

www.osceola-data-osceola.hub.arcgis.com/

Data Developer:	County Property Appraisers (3)
Data Source:	Tax Rolls
Update Frequency:	Daily
Temporal Coverage:	2023
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Air Quality Monitoring Sites

The Florida Department of Environmental Protection (DEP) also routinely monitors air quality and pollutant levels throughout the state. Four monitoring locations are located within the region.

www.prodapps.dep.state.fl.us/flaqs/AirQualityMonitoring/Reports

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Field Data Collectors
Update Frequency:	Daily
Temporal Coverage:	2019-2023
Geographic Coverage:	Statewide
Geographic Resolution:	Individual Station
Data Format:	CSV

Air Quality (NOx and VOC Map)

Air quality data was procured by MetroPlan Orlando from the University of Central Florida Department of Civil, Environmental and Construction Engineering.

www.cece.ucf.edu/

Data Developer:	University of Central Florida
Data Source:	Haofei Yu, Ph. D.
Update Frequency:	N/A
Temporal Coverage:	2017 (Latest)
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Raster
Data Format:	GIS Shapefile

Crude Obesity & Asthma Rates

The Centers for Disease Control and Prevention (CDC) PLACES data contains information on crude rates of numerous diseases and disorders. This information can be downloaded at the County, Tract and Zip Code level. Due to the completeness of the data, 2022 data was utilized at the zip code level for the 2050 MTP.

www.cdc.gov/places/index.html

Data Developer:	Centers for Disease Control and Prevention
Data Source:	PLACES Data
Update Frequency:	Annual
Temporal Coverage:	2022
Geographic Coverage:	Nationwide
Geographic Resolution:	Zip Code
Data Format:	GIS Shapefile, CSV

Generalized Existing & Future Land Use

The East Central Florida Regional Planning Council (ECFRPC) compiles Existing Land Use (ELU) and Future Land Use (FLU) GIS files on an annual basis. ELU data is compiled using DOR codes within county parcel files, and FLU data is compiled from individual counties and municipalities.

www.ecfrpc.org

Data Developer:	ECFRPC
Data Source:	DOR Codes (ELU), Municipality (FLU)
Update Frequency:	Annual
Temporal Coverage:	2023
Geographic Coverage:	ECFRPC 9-County Region
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Florida Conservation Lands

The Florida Natural Areas Inventory (FNAI) is the primary source for obtaining data on conservation land in the State of Florida. Information is provided by the appropriate managing agencies within the state.

www.fnai.org/publications/gis-data

Data Developer:	Florida Natural Areas Inventory
Data Source:	Provided by Managing Agencies
Update Frequency:	Quarterly
Temporal Coverage:	2023 (December)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Mitigation Banks

The Florida DEP compiles and maintains a GIS layer of mitigation banks through its Electronic Document Management System (OCULUS). The database includes all mitigation banks, including those issued by FDEP and water management districts.

www.floridadep.gov/water/submerged-lands-environmental-resources-coordination/content/mitigation-and-mitigation-banking

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	State Permit Data
Update Frequency:	Ongoing
Temporal Coverage:	2023
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Critical Land and Waters Identification Project

The Century Commission for a Sustainable Florida called for an identification of those lands and waters in the state that are critical to the conservation of Florida's natural resources. The Florida Natural Areas Inventory, University of Florida GeoPlan Center, and Florida Fish & Wildlife Conservation Commission (FWC) collaborated to produce the Critical Lands and Waters Identification Project (CLIP). CLIP is a GIS database of statewide conservation priorities for a broad range of natural resources, including biodiversity, landscape function, surface water, groundwater, and marine resources.

www.fnai.org/publications/gis-data

Data Developer:	Florida Natural Areas Inventory
Data Source:	Provided by Managing Agencies
Update Frequency:	Infrequent
Temporal Coverage:	2016 (August)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Florida Forever Conservation Lands

The FNAI maintains a database specific to lands acquired through the State's Florida Forever Program and American Recovery Plan Act (ARPA). The Florida Forever Acquisitions plus ARPA data layer contains parcel specific information pertaining to lands purchased with Florida Forever or ARPA funding. It includes parcels acquired by all of the programs that receive Florida Forever monies.

www.fnai.org/publications/gis-data

Data Developer:	Florida Natural Areas Inventory
Data Source:	Provided by Managing Agencies
Update Frequency:	Annually
Temporal Coverage:	2023 (May)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

National Park Service Boundaries in Florida

The geographic and administrative boundaries for the National Park Service's facilities and National Parks within the State of Florida.

www.mapdirect-fdep.opendata.arcgis.com/datasets/national-park-boundaries/about

Data Developer:	National Park Services
Data Source:	Provided by Managing Agencies
Update Frequency:	Infrequent
Temporal Coverage:	2021 (March)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Conservation Easements (NRCS)

The Natural Resource Conservation Services (NRCS) offers easement programs to landowners who want to maintain or enhance their land in a way beneficial to agriculture and/or the environment. All NRCS easement programs are voluntary, and provide technical help and financial assistance, but local landowners and organizations are needed to make NRCS easement programs successful.

www.farmers.gov/data/easements-download

Data Developer:	Natural Resource Conservation Service
Data Source:	Provided by the Managing Agency
Update Frequency:	Infrequent
Temporal Coverage:	2024 (April)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Conservation Easements (SJRWMD)

The St. Johns River Water Management District (SJRWMD) conservation easements that are on-site mitigation, off-site mitigation, and mitigation banks that have been granted through recorded deed to SJRWMD for regulatory purposes.

www.arcgis.com/home/item.html?id=66d4b93879b14b81b0af5c47fec20e68

Data Developer:	St. John River Water Management District
Data Source:	Provided by the Managing Agency
Update Frequency:	Annually
Temporal Coverage:	2024 (January)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

U.S. Geological Survey (USGS) Protected Areas

The USGS Protected Areas Database of the United States (PAD-US) contains the nations inventory of protected areas, including public land and voluntarily provided private protected areas.

www.usgs.gov/programs/gap-analysis-project/science/protected-areas

Data Developer:	U.S. Geological Survey
Data Source:	Provided by the Managing Agency
Update Frequency:	Annually
Temporal Coverage:	2023 (July)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Brownfield Areas

The Florida DEP defines Brownfields as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. A 'Brownfield Area' is a contiguous area of one or more brownfield sites, some of which may not be contaminated, that has been designated as such by a local government resolution. This dataset represents the boundaries of these designated Brownfield Areas in Florida.

www.geodata.dep.state.fl.us/datasets/FDEP::brownfield-areas/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Ongoing
Temporal Coverage:	2024 (April)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Florida DEP Cleanup Sites

The Florida DEP compiles and maintains a GIS layer of locations and document links for sites currently in the cleanup process and sites awaiting cleanup funding.

www.geodata.dep.state.fl.us/datasets/FDEP::dep-cleanup-sites/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Daily
Temporal Coverage:	2024 (April)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

National Priorities List (NPL) Superfund Site Boundaries

The U.S. EPA compiles and maintains a GIS dataset of polygons depicting U.S. EPA Superfund Site Boundaries. Superfund is the federal government's program to clean up the nation's uncontrolled hazardous waste sites.

www.catalog.data.gov/dataset/npl-superfund-site-boundaries-epa10

Data Developer:	U.S. Environmental Protection Agency
Data Source:	Provided by the Managing Agency
Update Frequency:	Annually
Temporal Coverage:	2024 (March)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Resource Conservation and Recovery Act (RCRA) Facility Information

The EPA compiles and maintains a GIS dataset of locations and facility information from EPA's Facility Registry Service (FRS) for the subset of hazardous waste facilities that link to the RCRA Information System (RCRAInfo)

www.catalog.data.gov/dataset/rcra-facility-information13

Data Developer:	U.S. Environmental Protection Agency
Data Source:	Provided by the Managing Agency
Update Frequency:	Annually
Temporal Coverage:	2024 (February)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Toxic Release Inventory (TRI)

The EPA compiles and maintains a GIS dataset containing information on the release and waste management for over 800 toxic chemicals and toxic chemical categories as reported by facilities in certain industries and federal facilities.

www.catalog.data.gov/dataset/toxics-release-inventory-tri

Data Developer:	U.S. Environmental Protection Agency
Data Source:	Provided by the Managing Agency
Update Frequency:	Annually
Temporal Coverage:	2023 (October)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Environmental Restoration Integrated Cleanup (ERIC) Waste Cleanup

ERIC is a single database for tracking all of the contaminated site cleanup activities in the Division of Waste Management (DWM). This dataset is compiled and maintained by FDEP.

www.geodata.dep.state.fl.us/datasets/FDEP::eric-waste-cleanup/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Daily
Temporal Coverage:	2024 (April)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Compliance and Enforcement Tracking for HAZardous (CHAZ) Facilities

The Florida DEP compiles and maintains a dataset containing statewide data of Compliance and Enforcement Tracking for Hazardous waste Facilities.

www.geodata.dep.state.fl.us/datasets/FDEP::compliance-and-enforcement-tracking-for-hazardous-chaz-facilities/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Infrequently
Temporal Coverage:	2024 (February)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Drycleaning Solvent Cleanup Program

The Florida DEP compiles and maintains a dataset of drycleaning sites which are eligible for a state funded program (Drycleaning Solvent Cleanup Program) to cleanup properties that are contaminated as a result of a drycleaning facility or a wholesale supply company.

www.geodata.dep.state.fl.us/datasets/FDEP::drycleaning-solvent-program-cleanup-sites/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Daily
Temporal Coverage:	2024 (April)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Hazardous Waste Treaters, Storers, and Disposers (TSDs)

The Florida DEP compiles and maintains a dataset of facilities regulated under the federal RCRA and applicable state regulations for Treating, Storing, and/or Disposing of Hazardous Waste. These facilities are known as TSDs.

www.geodata.dep.state.fl.us/datasets/FDEP::hazardous-waste-treaters-storers-and-disposers-tsds-/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Daily
Temporal Coverage:	2024 (April)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Florida Institutional Controls Registry (ICR)

An Institutional control site is a site that has certain restrictions on the property to minimize potential human exposure to contamination. FDEP compiles and maintains the Florida Institutional Controls Registry dataset to help preserve adequate protection of these contaminated soil regions and helps to minimize any chance of exposure.

www.geodata.dep.state.fl.us/datasets/FDEP::florida-institutional-controls-registry/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Daily
Temporal Coverage:	2024 (April)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Soild Waste Facilities

The Florida DEP compiles and maintains a dataset of facility specific information on Solid Waste Management facilities statewide and monitors their potential to impact groundwater.

www.geodata.dep.state.fl.us/datasets/FDEP::solid-waste-facilities/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Daily
Temporal Coverage:	2024 (February)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Florida Superfund Waste Cleanup Sites

Superfund sites are hazardous waste cleanup sites that have been designated under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. The Florida DEP compiles and maintains a dataset which tracks hazardous waste cleanup sites that are designated as Superfund Sites and National Priorities List sites in Florida.

www.geodata.dep.state.fl.us/datasets/FDEP::florida-superfund-waste-cleanup-sites/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Daily
Temporal Coverage:	2024 (February)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Storage Tank Contamination Monitoring (STCM)

FDEP compiles and maintains a dataset which tracks petroleum storage tank registration, compliance and cleanup data. The dataset includes facilities with registered above-ground or underground storage tanks and contains both currently and previously regulated facilities.

www.geodata.dep.state.fl.us/datasets/72919ffad1634afb8bedfdde68dad99f_5/explore

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Daily
Temporal Coverage:	2024 (February)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Native American Lands

The University of Florida location, selected demographics, and other associated data for American Indian Reservations, off-reservation trust lands, public domain allotments (PDAs), State Designated American Indian Statistical Areas, Recognized State Reservations, and other American Indian owned and/or leased lands located in Florida

https://mapdirect-fdep.opendata.arcgis.com/datasets/FDEP::indian-lands/about

Data Developer:	University of Florida
Data Source:	State of Florida
Update Frequency:	Infrequent
Temporal Coverage:	2017 (November)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

SFWMD Land Use

The SFWMD land use dataset serves as documentation of land cover and land use within the SFWMD jurisdiction as it existed in 2017-2019. This data was collected by the SFWMD by photo-interpretation from 2017-2019 aerial photography and classified using the SFWMD modified FLUCCS classification system.

www.fgdl.org/zips/metadata/xml/lu_sfwmd_2019.xml

Data Developer:	South Florida Water Management District
Data Source:	Provided by the Managing Agency
Update Frequency:	Infrequently
Temporal Coverage:	2017-2019
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Mitigation Banks

The Florida DEP compiles and maintains a GIS layer of mitigation banks through its Electronic Document Management System (OCULUS). The database includes all mitigation banks, including those issued by FDEP and water management districts.

www.floridadep.gov/water/submerged-lands-environmental-resources-coordination/content/mitigation-and-mitigation-banking

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	State Permit Data
Update Frequency:	Ongoing
Temporal Coverage:	2023
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

EagleWatch Nests

The Florida Fish and Wildlife Conservation Commission (FWC) compiles and maintains a GIS dataset which includes all bald eagle nests documented by FWC and the EagleWatch Program. This dataset represents information about Bald Eagles, active nest locations, and possible disturbances or threats to nesting activities.

www.fgdl.org/zips/metadata/xml/eaglewatch_nests_jan25.xml

Data Developer:	Florida Fish and Wildlife Conservation Commission
Data Source:	Provided by the Managing Agencies
Update Frequency:	Annually
Temporal Coverage:	2024 (February)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Black Bear Road Mortality

The FWC compiles and maintains a GIS dataset which contains the locations of black bear roadkill in the state of Florida. The data were limited to those records obtained from the Wildlife Incident Management System (WIMS) database maintained by FWC, and that were associated with geographic coordinates.

www.fgdl.org/zips/metadata/xml/black_bear_road_mortality_aug24.xml

Data Developer:	Florida Fish and Wildlife Conservation Commission
Data Source:	Provided by the Managing Agency
Update Frequency:	Annually
Temporal Coverage:	1976-2023
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Black Bear Related Calls

The FWC compiles and maintains a GIS dataset which contains the locations of calls from the public regarding human-black bear interactions in the state of Florida.

www.fgdl.org/zips/metadata/xml/black_bear_related_calls_dec23.xml

Data Developer:	Florida Fish and Wildlife Conservation Commission
Data Source:	Provided by the Managing Agency
Update Frequency:	Annually
Temporal Coverage:	1980-2023
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Skink Suitability

The University of Florida compiles and maintains a dataset containing suitable habitat for the Florida Sand Skink and Blue-Tailed Mole Skink that falls within the skink consultation areas.

www.fgdl.org/zips/metadata/xml/skink_suitability_oct23.xml

Data Developer:	University of Florida
Data Source:	Provided by Managing Agencies
Update Frequency:	Annually
Temporal Coverage:	2023
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

U.S. Fish and Wildlife Service Consultation Areas

The U.S. Fish and Wildlife Service (USFWS) has created individual datasets for federally protected species which have been assigned designated Consultation Areas. These areas require consultation with the USFWS if potential impacts are proposed to a federally protected species.

www.gis-fws.opendata.arcgis.com/

Data Developer:	U.S. Fish and Wildlife Service
Data Source:	Provided by Managing Agencies
Update Frequency:	Infrequently
Temporal Coverage:	2003-2020
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

USFWS Critical Habitat

Critical habitat are areas considered essential for the conservation of a listed species. Federal agencies are required to consult with the USFWS on actions they carry out, fund, or authorize to ensure that actions will not destroy or adversely modify critical habitat. The USFWS has created a dataset containing polygon features which depict designated critical habitat for species.

www.fgdl.org/zips/metadata/xml/ch_usfws_poly_dec24.xml

Data Developer:	U.S. Fish and Wildlife Service
Data Source:	Provided by Managing Agencies
Update Frequency:	Periodically
Temporal Coverage:	2024
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Wood Stork Nests

The USFWS has compiled a dataset which contains wood stork nesting colonies active in the Southeastern US from 2010 to 2019. This dataset includes activity and counts from various survey sources.

www.fgdl.org/zips/metadata/xml/woodstork_nests_se_2019.xml

Data Developer:	U.S. Fish and Wildlife Service
Data Source:	Provided by Managing Agencies
Update Frequency:	Infrequently
Temporal Coverage:	2010-2019
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Wood Stork Core Foraging Areas

The USFWS has compiled a dataset which contains wood stork core foraging areas for active nesting colonies in the Southeastern United States.

www.fgdl.org/zips/metadata/xml/woodstork_areas_se_2019.xml

Data Developer:	U.S. Fish and Wildlife Service
Data Source:	Provided by the Managing Agencies
Update Frequency:	Infrequently
Temporal Coverage:	2010-2019
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

National Resource Conservation Service (NRCS) Soil Survey Geopgrahic Database (SSURGO) Soils

The NRCS compiles and maintains a dataset containing a digital soil survey and generally is the most detailed level of soil geographic data developed by the National Cooperative Soil Survey.

www.websoilsurvey.nrcs.usda.gov/app/

Data Developer:	Natural Resource Conservation Service
Data Source:	Provided by the Managing Agency
Update Frequency:	Annually
Temporal Coverage:	2023
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

NRCS SSURGO Hydric Soils

This dataset is a subset of the NRCS SSURGO Soils dataset which identifies hydric soils based on the hydric soil rating provided in the SSURGO database.

www.websoilsurvey.nrcs.usda.gov/app/

Data Developer:	Natural Resource Conservation Service
Data Source:	Provided by the Managing Agency
Update Frequency:	Never
Temporal Coverage:	2023
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

NRCS SSURGO Farmlands

This dataset is a subset of the NRCS SSURGO Soils dataset which identifies designated farmland soils from the SSURGO database.

www.websoilsurvey.nrcs.usda.gov/app/

Data Developer:	VHB/Natural Resource Conservation Service
Data Source:	Provided by the Managing Agency
Update Frequency:	Never
Temporal Coverage:	2023
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Econlockhatchee River Hydrologic Basin

The SJRWMD created a dataset which represents the Econlockhatchee River Basin Hydrologic basin boundary. The dataset was created to establish regulatory permitting criteria for the basin.

www.data-floridaswater.opendata.arcgis.com/datasets/

Data Developer:	St. John's River Water Management District
Data Source:	Provided by the Managing Agency
Update Frequency:	Infrequently
Temporal Coverage:	2005 (October)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Outstanding Florida Waters

The Florida DEP compiles and maintains a GIS layer of Outstanding Florida Waters (OFWs) or waters designated worthy of special protection by the state because of its natural attributes.

www.maps-fdep.opendata.arcgis.com/datasets/FDEP::outstanding-florida-waters/about

Data Developer:	Florida Dept. of Environmental Protection
Data Source:	Provided by the Managing Agency
Update Frequency:	Infrequently
Temporal Coverage:	2024 (October)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Strategic Habitat Conservation Areas

The FWC compiles and maintains a GIS layer which represents all Strategic Habitat Conservation Areas (SHCA) in Florida for selected focal species in binary format. SHCAs are areas of potential habitat that are not currently managed for conservation of the species.

www.geodata.myfwc.com/datasets/myfwc::strategic-habitat-conservation-areas-2009/about

Data Developer:	Florida Fish and Wildlife Conservation Commission
Data Source:	Provided by the Managing Agency
Update Frequency:	Infrequently
Temporal Coverage:	2009
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Wekiva River Protection Area (WRPA)

The SJRWMD has compiled a GIS dataset which contains the Wekiva River Protection Area, which was delineated per 369.301(9), FS.

www.data-floridaswater.opendata.arcgis.com/datasets/aa8a1b37b43b4c05a6d8ff7c47c6c3f1_0/about

Data Developer:	St. John's River Water Management District
Data Source:	Provided by the Managing Agency
Update Frequency:	Infrequently
Temporal Coverage:	2014 (July)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Wild and Scenic Rivers

The Wild and Scenic Rivers Act of 1968 requires federal agencies to periodically study rivers to determine their eligibility for inclusion in the National Rivers System. The USFWS has compiled a dataset containing the Wild and Scenic Rivers Active Study Rivers in Florida.

www.fgdl.org/zips/metadata/xml/wildstudyriver_aug22.xml

Data Developer:	U.S. Fish and Wildlife Service
Data Source:	Provided by Managing Agencies
Update Frequency:	Infrequently
Temporal Coverage:	2018 (May)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Florida Wildlife Corridor

The University of Florida has created a GIS layer that depicts the Florida Wildlife Corridor, which includes all areas of the Florida Ecological Greenways network with a priority level 1-3.The Florida Wildlife Corridor is now part of a new state law intended to protect the corridor through enhanced land protection planning and funding.

www.fgdl.org/zips/metadata/xml/wildlife_corridor_2021.xml

Data Developer:	University of Florida
Data Source:	Provided by Managing Agencies
Update Frequency:	Infrequently
Temporal Coverage:	2021 (January)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

National Wetlands Inventory (NWI) Wetlands

The USFWS compiles and maintains a dataset which contains polygon data with the extent, approximate locations, and type of wetlands and deepwater habitats in the state of Florida. This data delineates the areal extent of wetlands and surface waters.

www.fgdl.org/zips/metadata/xml/nwip_may24.xml

Data Developer:	U.S. Fish and Wildlife Service
Data Source:	Provided by Managing Agencies
Update Frequency:	Annually
Temporal Coverage:	2023 (October)
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

EPA Sole Source Aquifers (SSA)

A Sole Source Aquifer is an aquifer that has been designated by the EPA as the sole or principle source of drinking water for an area. It must supply at least 50% of the drinking water consumed in the area overlying the aquifer. The EPA has compiled a GIS layer including the polygons for Sole Source Aquifers.

www.catalog.data.gov/dataset/epa-sole-source-aquifers11

Data Developer:	U.S. Environmental Protection Agency
Data Source:	Provided by Managing Agencies
Update Frequency:	Infrequently
Temporal Coverage:	2020
Geographic Coverage:	Statewide
Geographic Resolution:	Parcel
Data Format:	GIS Shapefile

Federal Emergency Management Agency (FEMA) Flood Zones

FEMA designates flood zones. Flood zones are geographical areas defined according to varying levels of flood risk. These zones are depicted on a community's Flood Insurance Rate Map (FIRM) or Flood Hazard Boundary Map. The data portrayed in the 2050 MTP include all 100-year flood zones.

www.fema.gov/flood-maps/national-flood-hazard-layer

Data Developer:	Federal Emergency Management Agency (FEMA)
Data Source:	FIRM Mapping Process
Update Frequency:	5 Year Maximum
Temporal Coverage:	2023
Geographic Coverage:	Nationwide
Geographic Resolution:	Individual Flood Zone
Data Format:	GIS Shapefile

Points of Interest

xGeographic maintains a point of interest file that updates 25% of the records on a quarterly basis. DOR land use codes are used to determine where new construction has occurred and Google is used to quality assure business openings and closings. This data is used to create proximity maps and to develop percentage access metrics in the 2050 MTP.

www.xgeographic.com/wave

Data Developer:	xGeographic
Data Source:	DOR Codes, Google
Update Frequency:	Annual, Rolling Quarterly
Temporal Coverage:	2023-24
Geographic Coverage:	MetroPlan Orlando Region
Geographic Resolution:	Point of Interest (Point)
Data Format:	GIS Shapefile

FLHealthCHARTS

FLHealthCHARTS aggregates 71 different primary and secondary data sets. Primary data collection is conducted, contracted, funded, or overseen by the Florida Department of Health. Hospitalizations by chronic disease data is collected by Florida Agency for Health Care Administration (AHCA) and is secondary, quantitative data.

www.flhealthcharts.gov/charts/

www.flhealthcharts.gov/Charts/documents/training/DataSources.pdf

Data Developer:	Florida Agency for Health Care Administration
Data Source:	Varies
Update Frequency:	Annual
Temporal Coverage:	2023
Geographic Coverage:	Statewide
Geographic Resolution:	County
Data Format:	GIS Shapefile

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A.9 Visitation Data

Tourism and travel have great significance in the region. Transportation has provided the backbone of our economy, connecting visitors to attractions. With the growing visitor trends, it is critical that there is continuous investment in the transportation infrastructure necessary to meet the mobility needs of tourists and local residents.

Visitors

Annual visitor data is compiled by Visit Orlando. The organization releases new data on a quarterly basis and provides an annual press release of visitation numbers for the year.

www.visitorlando.com

www.visitorlando.com/about-us/reports/

Data Developer:	Visit Orlando
Data Source:	N/A
Update Frequency:	Annual
Temporal Coverage:	2008-2022
Geographic Coverage:	Greater Orlando Area
Geographic Resolution:	Greater Orlando Area
Data Format:	PDF (Press Release)

Visitor Population Density

Visitor population density data is generated by the Central Florida Regional Planning Model and provides visitor estimates within traffic analysis zones.

www.cfrpm.org/index.php/Main_Page

Data Developer:	FDOT
Data Source:	CFRPM 7
Update Frequency:	N/A
Temporal Coverage:	2020
Geographic Coverage:	FDOT District 5
Geographic Resolution:	Traffic Analysis Zone (TAZ)
Data Format:	GIS Shapefile

Airport Passenger Traffic

Passenger traffic data is compiled annually by the Greater Orlando Aviation Authority (GOAA) for Orlando International Airport (MCO) and by the Sanford Airport Authority for Sanford-Orlando International Airport (SFB).

www.orlandoairports.net/site/uploads/CAFR_2022.pdf

www.flysfb.com/saa/statistics/

Data Developer:	Greater Orlando Aviation Authority, Sanford Airport Authority
Data Source:	Commercial Service Passenger Counts
Update Frequency:	Annual
Temporal Coverage:	2018-2022
Geographic Coverage:	MCO & SFB
Geographic Resolution:	MCO & SFB
Data Format:	PDF

Port Canaveral Passenger Traffic

Passenger traffic at Port Canaveral is compiled by the Port Authority's Comprehensive Annual Financial Report (CAFR) and documented in the FDOT Source Book.

www.fdotsourcebook.com/performance-measures/seaport/passenger-movements#

Data Developer:	Florida Dept. of Transportation
Data Source:	Port Authority CAFR
Update Frequency:	Annual
Temporal Coverage:	2018-2022
Geographic Coverage:	Statewide
Geographic Resolution:	Port Canaveral
Data Format:	CSV

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