

## Performance Measures with Baseline Data

Measure	Description	Data needed	Data Source	How to Measure	Facility/Place Type
<b>Volumes on I-95</b>	Vehicles per day on I-95 (at one or a few points e.g. just north and just south of Broward Blvd)	traffic volume data	FDOT	Report as a simple number (at one or a few points e.g. just north and just south of Broward Blvd) - compare to previous years	SIS
<b>Person Throughput</b>	Number of persons traveling on I-95 in AM and PM peak, shown by mode (e.g. Express Bus & Vanpool carried 22% of people in peak period)	Person throughput by mode and vehicle occupancy rates	FDOT - I-95 Managed Lanes Monitoring Report	Report person throughput as reported by FDOT - report only for I-95 for one-page dashboard	SIS
<b>Travel time reliability</b>	The percentage of travel that is greater than 45 mph on freeways.	source GIS data from FDOT	FHWA Travel Time Reliability Data	Data only available for freeways. Aggregate for all freeways in study area, and show map.	System (SIS) Freeways (State Roads)
<b>Auto Level of Service</b>	The percentage of miles and travel meeting LOS criteria	source GIS data from FDOT	FDOT Mobility Performance Measures - Quality Measures	Show map of percentage of miles meeting LOS criteria for auto LOS. Report percentage of travel meeting LOS criteria. No computation necessary.	Primary Commerce Facilities SIS
<b>Average travel speed</b>	For peak period or peak hour	source GIS data from FDOT	FDOT Mobility Performance Measures - Quality Measures	Report only for I-95	SIS
<b>Commute Mode Share</b>	Comparison of modes: SOV, transit, carpool, biking, walking, telecommuting	American Community Survey	Census and/or parcel data	Use GIS analysis to break Census tracks with place type boundaries and infer average. Compare mode percentages between the different place types	System Multimodal Districts Multimodal Nodes Lower Intensity Residential Lower Intensity Commercial Lower Intensity Mixed Use
<b>VMT per capita</b>	Compute system-wide VMT for study area and divide by study area population	VMT & Population	FDOT & Census	Compute system-wide VMT for study area and divide by study area population	System
<b>Average travel time to work</b>	Percent commute travel time less than 30 minutes and greater than or equal to 30 minutes	Average commute times by location (American Community Survey)	Census data	Use GIS analysis to break Census tracks with place type boundaries and infer average.	System Multimodal Districts Multimodal Nodes Lower Intensity Residential Lower Intensity Commercial Lower Intensity Mixed Use
<b>Property Values</b>	Total assessed property value per acre	Parcel data	County Property Appraiser	Use GIS analysis to analyze parcel data within place type boundaries and infer average.	System Multimodal Districts Multimodal Nodes
<b>Capital Investments in Transportation</b>	Value and percentage of funding spent on capital improvements for transit, roadways, and bicycle and pedestrian facilities	Capital improvement costs and transit agency funding	FDOT 5-Year Work Program, transit agency operating budgets, MPO TIPs and County/City annual budgets and Comprehensive Plan CIEs	Aggregate investment amounts by mode	System
<b>Employment Density</b>	Job per acre	Employment density	U.S. Census and LED (State population estimates for non-census years)	GIS analysis - show an overall map by census block group, plus compute average for entire corridor study area and for each Multimodal District and Node	System Multimodal Districts Multimodal Nodes Lower Intensity Residential Lower Intensity Commercial Lower Intensity Mixed Use
<b>Population Density</b>	Population per acre or dwelling units per acre.	Population per census block or dwelling units per parcel	U.S. Census or parcel data with dwelling unit count	GIS analysis to compute average densities for each area.	System Multimodal Districts Multimodal Nodes Lower Intensity Residential Lower Intensity Commercial Lower Intensity Mixed Use
<b>Transit Ridership</b>	Annual number of passenger boardings	source data from FDOT Transit Office and Transit Agencies	FDOT Mobility Performance Measures - Quantity	Aggregate individual route and facility data	System SIS (I-95 Express and Tri-Rail) Multimodal Facilities
<b>Freight Travel Time Reliability</b>	Percentage of combination-truck travel that is greater than 45 mph on freeways	source GIS data from FDOT	FDOT Mobility Performance Measures - Quality Measures	Data only available for freeways. Aggregate for all freeways in study area, and show map.	System (SIS)
<b>Daily Truck Volume on I-95</b>	Average number of trucks traveling on I-95 in Broward County per day	Truck Volumes	FDOT	Report as a simple number (as sum for County) - compare to previous years	SIS
<b>Tonnage of Cargo Passing Through Port and Airport</b>	Yearly total tonnage passing through Port Everglades and Fort Lauderdale International Airport	Cargo volumes from Port Everglades and Fort Lauderdale International Airport	Port Everglades and Fort Lauderdale International Airport	Report as a simple number (as sum for both facilities) - compare to previous years	Freight/Goods Center
<b>Percent Sidewalk Coverage</b>	Percentage of centerline miles that have sidewalks and/or shared pathways	source GIS data from FDOT for state roads and from localities where available	FDOT Mobility Performance Measures - Accessibility for state roads. Cities/Counties for local roads	Report total number for each type of facility. Show map of sidewalk coverage.	System Multimodal Facilities Multimodal Districts Multimodal Nodes
<b>Percent Bike Lane/Shoulder Coverage</b>	Percentage of centerline miles that have bike lanes and/or shared pathways	source GIS data from FDOT for state roads and from localities where available	FDOT Mobility Performance Measures - Accessibility for state roads. Cities/Counties for local roads	Report total number for each type of facility. Show map of bike lane coverage.	System Multimodal Facilities Multimodal Districts Multimodal Nodes