FLORIDA DEPARTMENT OF TRANSPORTATION

2014 PERFORMANCE REPORT

SIS

Strategic Intermodal System

HIGHLIGHTS

FDOT

2014 STRATEGIC INTERMODAL SYSTEM HIGHLIGHTS

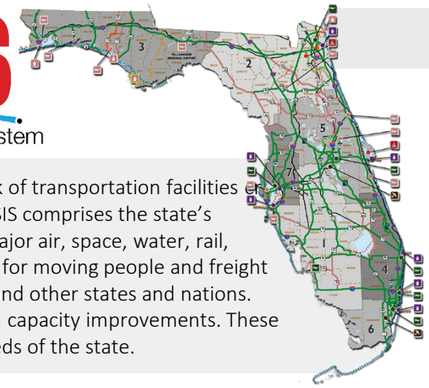
FDOT

MISSION

The department will provide a **safe** transportation system that ensures the **mobility** of people and goods, enhances economic prosperity and **preserves** the quality of our **environment** and communities

SIS

Strategic Intermodal System



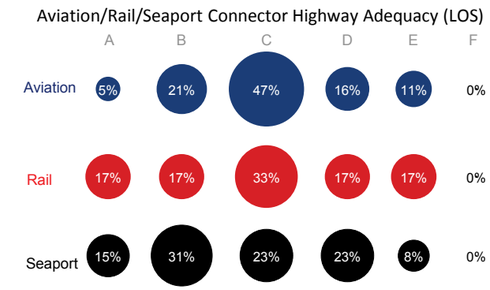
The Strategic Intermodal System (SIS) is a high-priority network of transportation facilities to Florida's economic competitiveness and quality of life. The SIS comprises the state's largest and most strategic transportation facilities, including major air, space, water, rail, and highway facilities. The SIS facilities are the primary means for moving people and freight between Florida's diverse regions, as well as between Florida and other states and nations. The SIS is Florida's highest statewide priority for transportation capacity improvements. These measures indicate how well the SIS is meeting the mobility needs of the state.

ACCESSIBILITY

How easy?

Accessibility deals with the ease in engaging in activities from a transportation standpoint.

Intermodal connectivity is vital for the efficient movement of people and goods. The vast majority of SIS intermodal connector roads are performing at an acceptable level of service.



QUANTITY

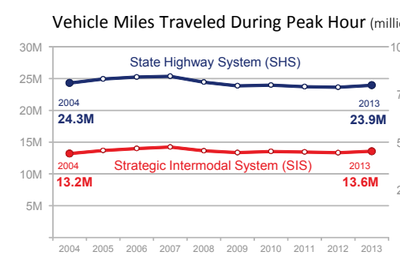
How much?

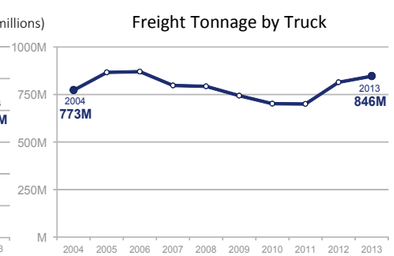
Travel quantity reflects the magnitude of travel on the system; how much freight is moved and how many people are served.

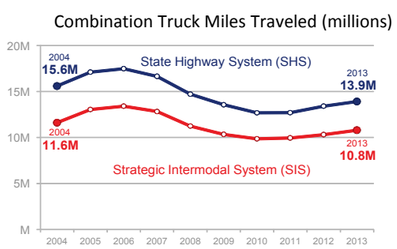
The efficient movement of people and goods is transportation's most essential function. Vehicle miles traveled (VMT) during the peak hour is an indicator of system demand at the time of greatest need/use. VMT began decreasing in 2008 around the same time that the recession was at its deepest. VMT has leveled-off at 2009 levels for both the State Highway System (SHS) and the SIS.

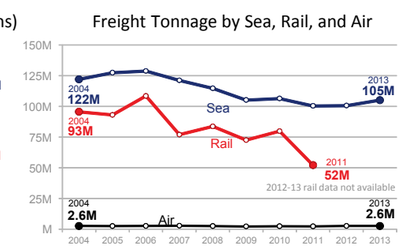
The current five-year upward trend of aviation passengers underscores Florida's special attraction as both a tourist and business origin/destination—bolstering the state's competitive position.

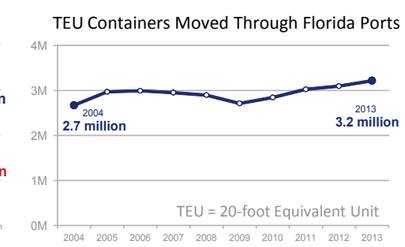
The safe, effective and efficient movement of goods is key to Florida's economic strength and growth. Since 2004 Florida has experienced almost a 19 percent increase in containers moved through deep water ports.











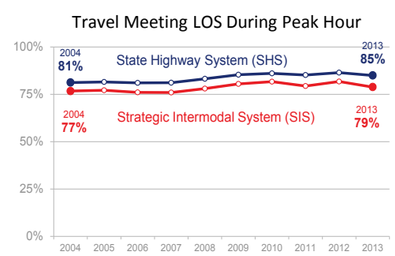
QUALITY

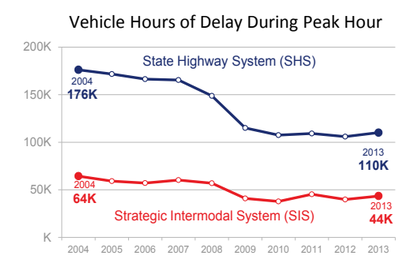
How good or bad?

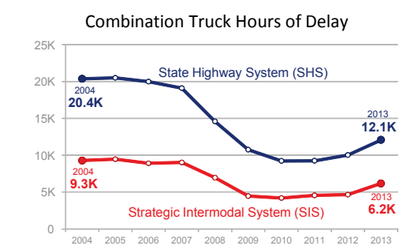
The travel quality measure helps to assess how good or bad the travel experience is.

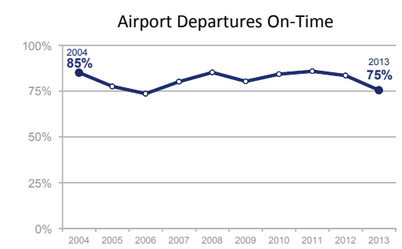
In 2013, approximately 85 percent of the SHS and 79 percent of the SIS during the peak hour met or exceeded acceptable level of service (LOS) criteria. LOS provides a measure for evaluating roadway performance by relating travel demand to roadway capacity. Various LOS grades are established along with thresholds that provide a basic standard of acceptability.

Delay is important because it equates to cost, in time and money, for individuals and businesses.







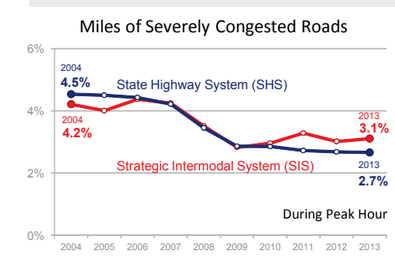


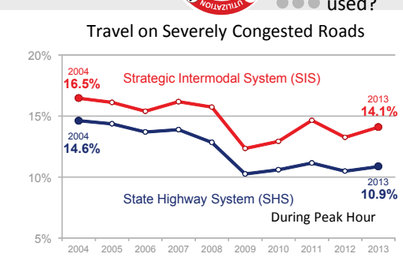
UTILIZATION

How much is used?

Utilization describes how much of the transportation system is used and what capacity or availability remains.

Florida has also experienced a marked reduction in severe peak hour congestion on the SHS and on the SIS, beginning in 2008.





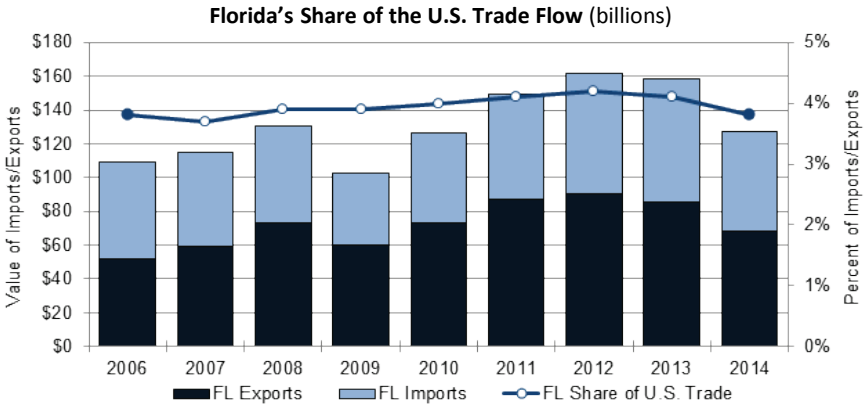
ECONOMIC IMPORTANCE OF STRATEGIC INTERMODAL SYSTEM

The value of Florida's imports and exports has increased significantly since the designation of the SIS in 2003. FDOT is making SIS investments that reflect the evolution of air, water and space transportation to accommodate new technologies for moving people and cargo, and related changes in types of hubs.

The SIS continues to help FDOT focus significant attention and resources on the state's most strategic transportation facilities.

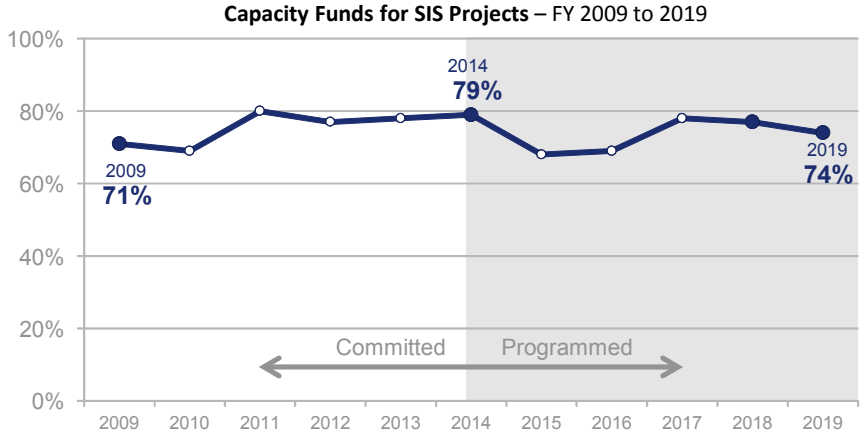
Of the $13.6 billion programmed for SIS capacity funding in the current Work Program covering 2015 to 2019, $12.1 billion has been programmed for highway improvements, $691 million for aviation and spaceports, $312 million for seaports, $129 million for rail, $216 million for Transit New Starts, and $154 million for intermodal capacity improvements.

The Department has developed a return on investment methodology to analyze the full set of benefits and costs associated with projects and better inform transportation investment decisions. A number of strategies to apply this methodology are being tested, including a pilot collaboration with a Preliminary Design and Engineering study.

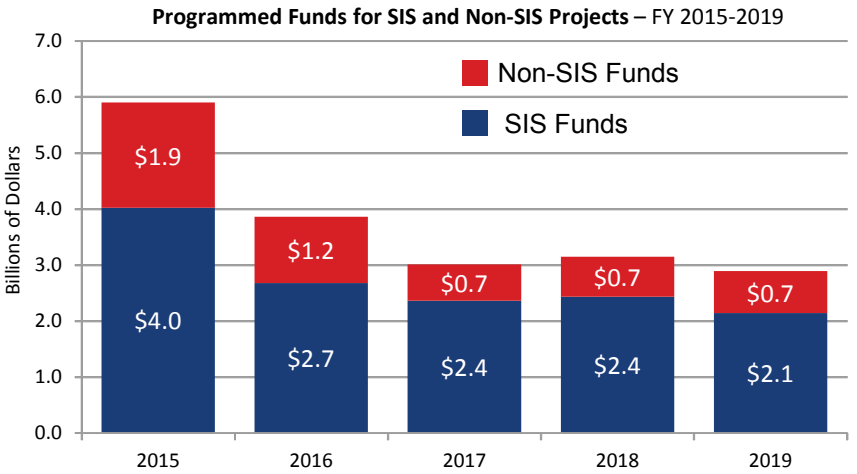


Source: U.S. Department of Commerce; U.S. Census Bureau; Foreign Trade Division - U.S. Merchandise Trade Statistic

Florida currently accounts for 3.8 percent of total U.S. trade. The Department continues to make strategic capacity investments in SIS hubs and corridors that support the state's economic competitiveness.



The Strategic Intermodal System (SIS) is the primary focus for ensuring a strong link between economic competitiveness and transportation.



FDOT committed 68 percent of its programmed funding for SIS projects for 2015.