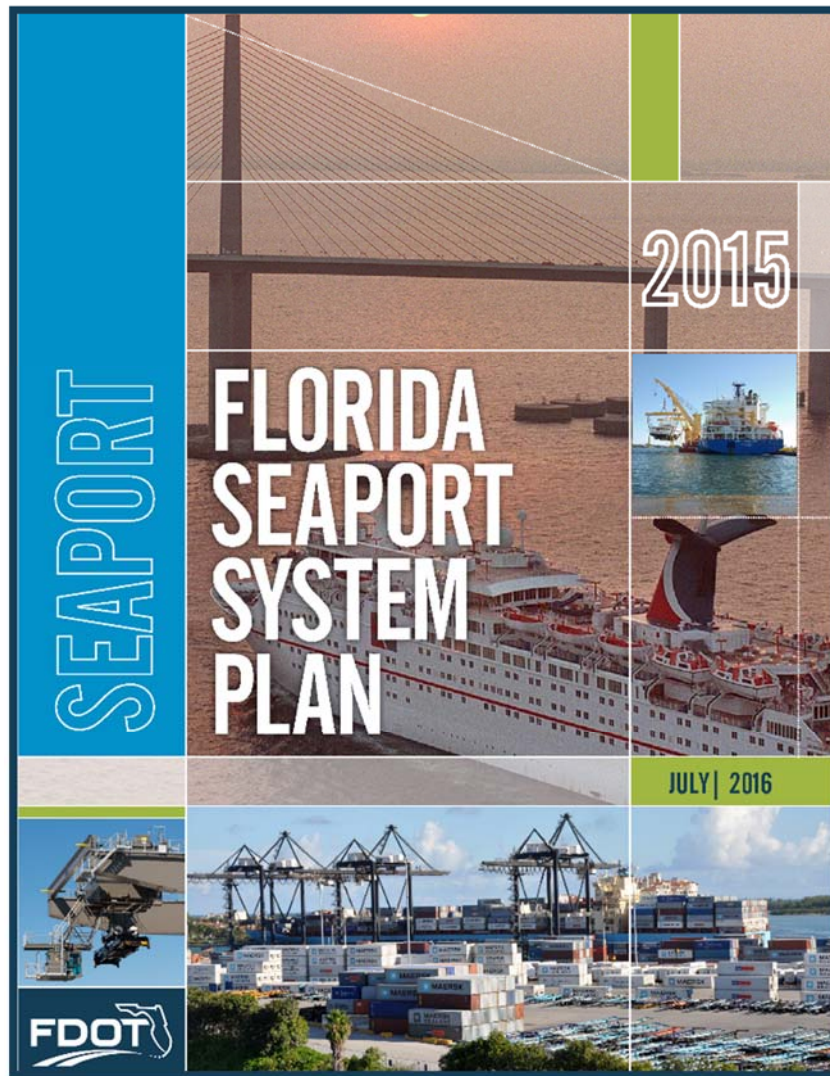


Florida Seaport System Plan 2016 Update of Tables and Figures





FLORIDA SEAPORT SYSTEM PLAN 2016 UPDATE OF TABLES AND FIGURES

INTRODUCTION

This document provides an update to the majority of data tables and figures provided in the Florida Department of Transportation's (FDOT) *2015 Florida Seaport System Plan*. The annual updating of seaport system plan data allows FDOT to: implement the plan using the latest industry metrics; provide analysis of long-term trends; and, provide a foundation for future five-year plan updates. The information collected for this update are the 2016 seaport metrics including the number of containers in twenty-foot equivalent units (TEUs), cargo tonnages, total number of revenue cruise passengers, and several other items. The primary source of the data is the individual Florida Seaports and the Florida Seaport Five-Year Mission Plans. In addition, some of the data comes from official government sources. Maintaining this data on an annual basis will lay the foundation of information necessary for the 2020 Florida Seaport Plan to build upon.

The purpose statement and vision of the 2015 plan are restated below. The updated Figures and Tables follow. It should be noted, not all tables and figures in the 2015 plan were updated as: some data sources are not updated annually; some source data has not been updated; or, the 2015 data is still up to date.

STATEMENT OF PURPOSE

This *2015 Florida Seaport System Plan* was prepared in accordance with the statutory requirements of Section 311.14(1), Florida Statutes (F.S.). The development of this plan, along with other modal plans developed under the Freight, Logistics, and Passenger Operations (FLP) Office at the Florida Department of Transportation (FDOT), provides the Department with a cohesive planning process for all the modal offices. Highlights of this plan and the Florida Waterways System Plan are presented in an Executive Summary, illustrating the seaport and waterways conditions, challenges, trends, visions, goals, and areas of focus for the FDOT Seaport and Waterways Office. This plan also provides a look back at the history of the Florida Seaport System and insight into the economic contribution and partnerships which have spurred the dynamic growth of seaport development, waterborne commerce, international trade and the cruise industry in Florida.

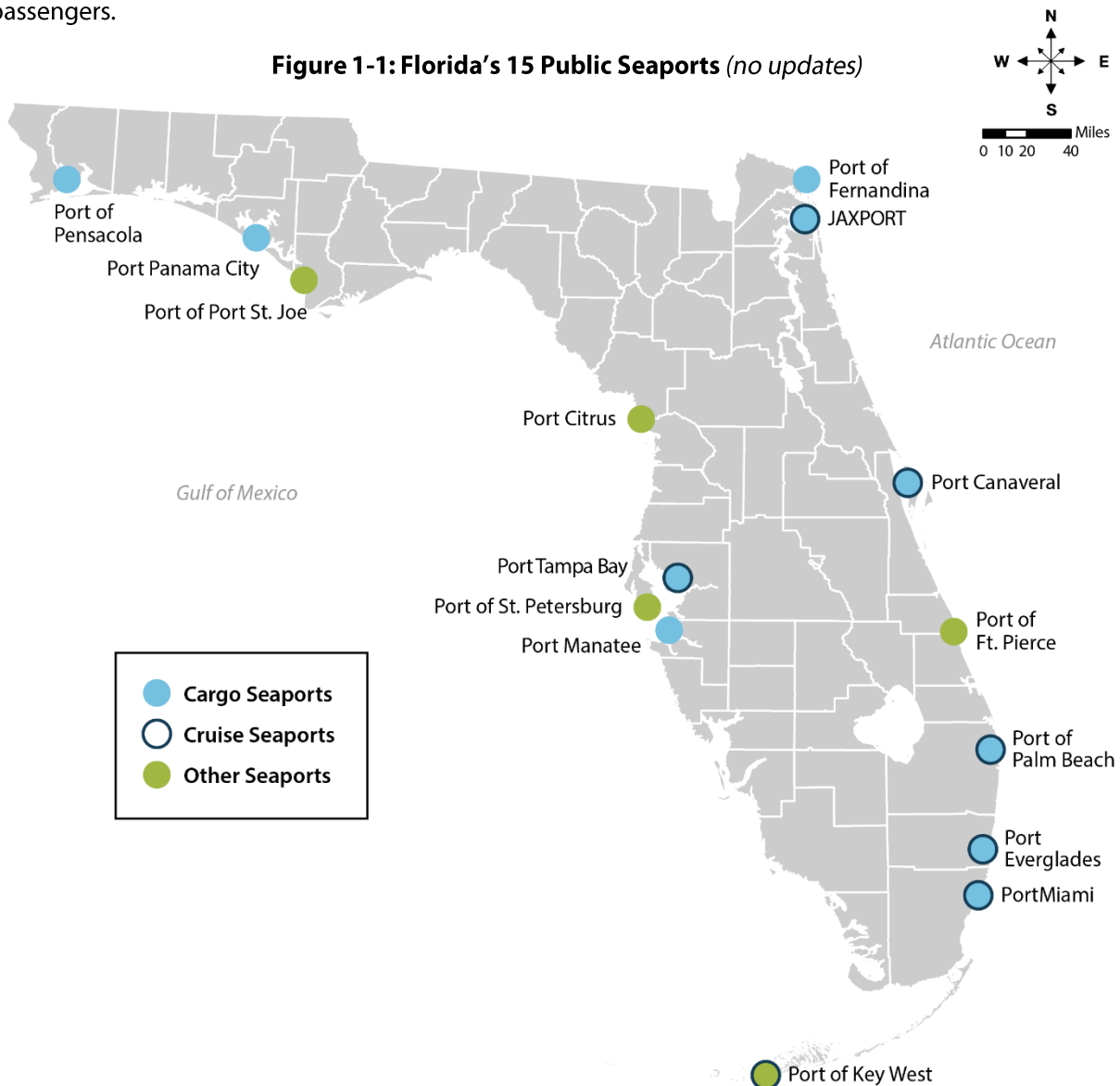
VISION OF THE FLORIDA SEAPORT AND WATERWAY SYSTEM

Florida is a Global Gateway. Florida provides world-class facilities and services to enhance domestic and international trade and tourism through partnered investments in waterways, seaport facilities, and intermodal transportation networks. These infrastructure improvements lead to public and private sector investments, new and continued partnerships, job growth and increased efficiency, productivity, and prosperity.

Florida’s cruise ports continually strengthen and expand their leadership role as the largest passenger cruise market in the world. Florida’s container ports consistently increase their share of Florida goods moving through competing trade routes. Florida’s seaports grow as efficient and attractive global gateways for passengers and freight. Furthermore, Florida’s waterways, seaport system, and intermodal network continue to attract large-scale manufacturing and logistics services, as well as marine commercial and recreational activities to further strengthen and diversify Florida’s economy.

THE FLORIDA SEAPORT SYSTEM TODAY

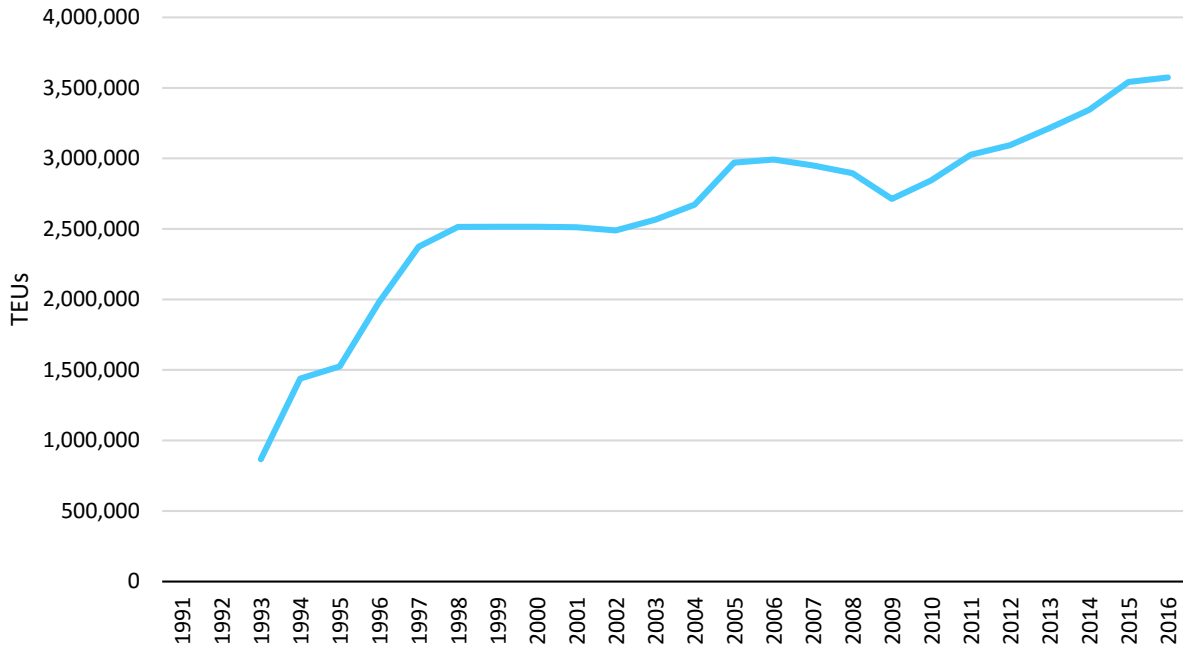
Florida is home to over 20 million residents and they share the state’s resources with over 112 million visitors in 2016.¹ Continuing to provide the goods, services, and jobs required to sustain this growth and plan for the future presents a tremendous challenge for state leaders, businesses, and communities. Florida’s 15 public seaports, shown below in Figure 1-1, are recognized as significant contributors to the dynamic growth of the state’s economy and as facilitators of the movement of goods and cruise passengers.



¹ Visit Florida, Estimated Visitors 2016, <http://www.visitfloridamediablog.com/home/florida-facts/research/>.

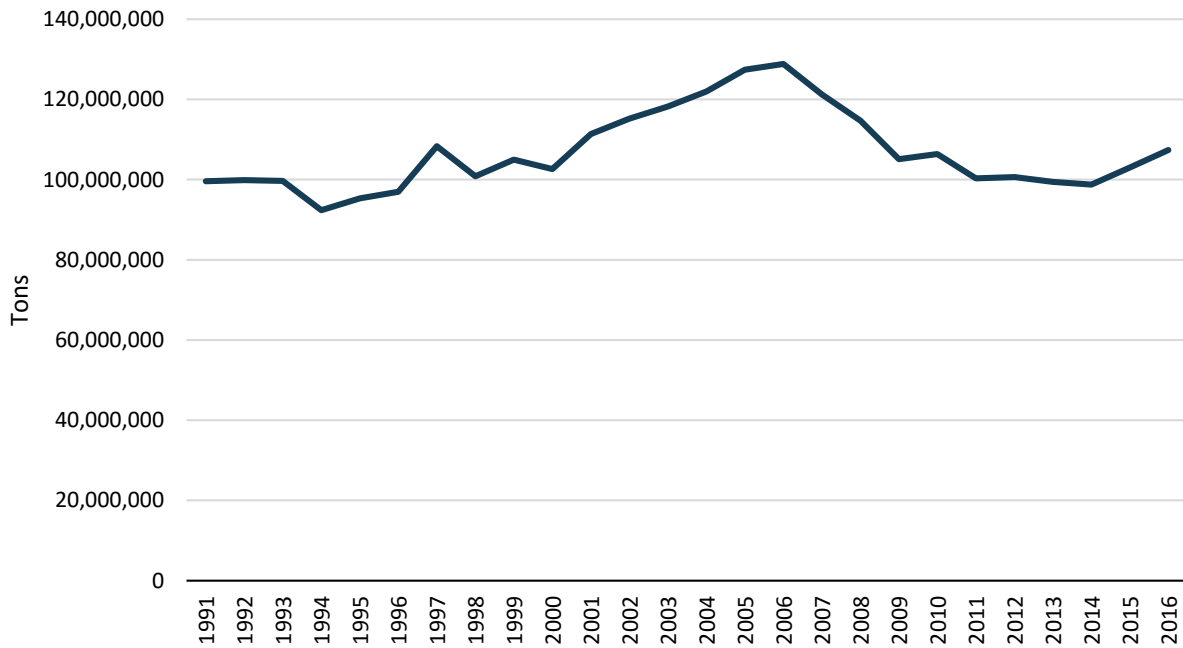
Figure 1-2 (no updates)

Figure 1-3: Total TEUs for All Florida Seaports, FY1992/1993 - FY2015/2016



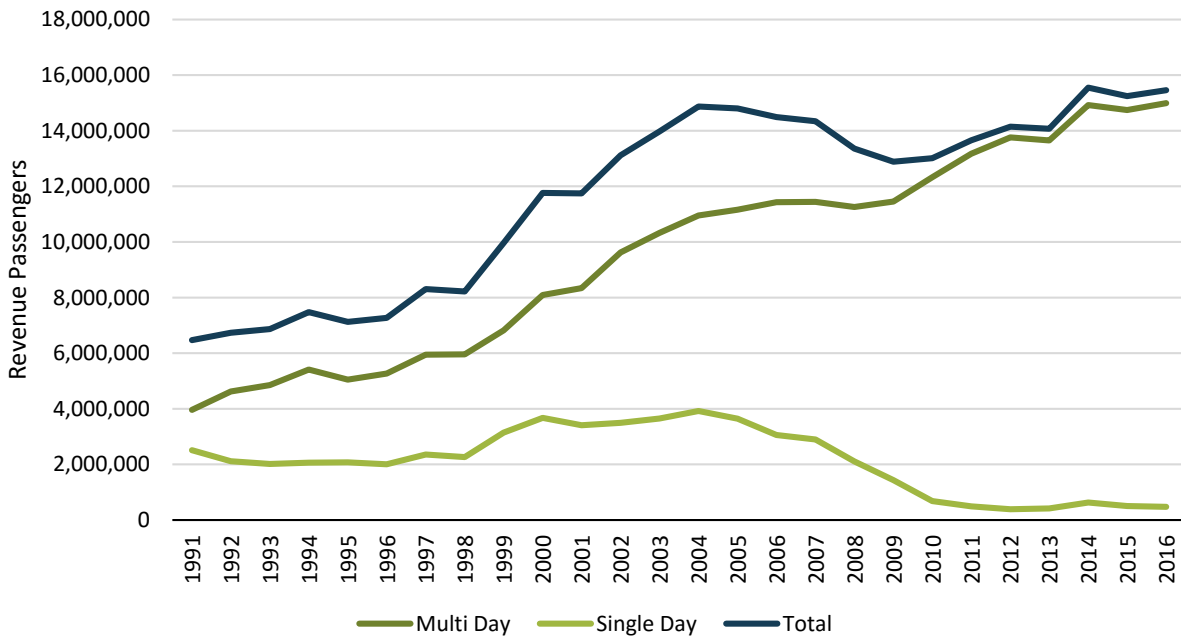
Source: Data compiled from Florida Seaport Mission Plans, 1991-2016.

Figure 1-4: Total Tonnage for All Florida Seaports, FY1990/1991 - FY2015/2016



Source: Data compiled from Florida Seaport Mission Plans, 1990-2016.

Figure 1-5: Total Revenue Cruise Passengers for All Florida Seaports, FY1990/1991 - FY2015/2016, shown by Multi-Day, Single-Day, and Total Revenue Passengers



Source: Data compiled from Florida Seaport Mission Plans, 1990-2016.

Table 2-1 / 3-1: Summary of Florida Seaport Containers, Tonnage, Trade Direction, and Passengers

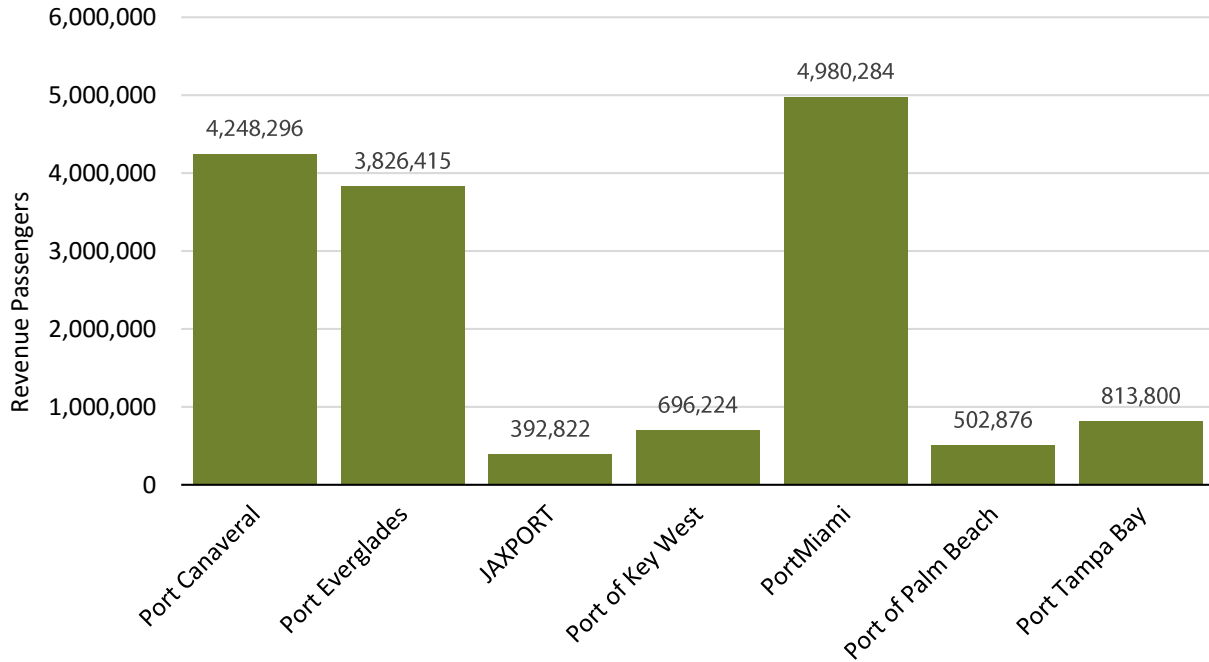
TEUs	2010	2011	2012	2013	2014	2015	2016
Total TEU's	2,844,224	3,025,356	3,094,445	3,215,701	3,343,194	3,541,526	3,574,162
TONNAGE	2010	2011	2012	2013	2014	2015	2016
Total Tons	106,361,422	100,300,718	100,637,049	99,414,541	98,741,503	103,012,061	107,369,926
IMPORTS, EXPORTS, AND DOMESTIC TONNAGE	2010	2011	2012	2013	2014	2015	2016
Imports	39,604,650	35,932,270	37,336,914	36,376,367	36,590,914	40,458,288	40,503,439
Exports	18,581,630	19,796,557	20,143,671	19,539,122	18,656,294	18,989,078	16,287,415
Domestic	47,817,210	44,224,029	43,156,464	43,499,053	43,498,295	43,564,694	50,579,072
Total	106,003,490	99,952,856	100,637,049	99,414,542	98,745,503	103,012,060	107,369,926
PASSENGERS	2010	2011	2012	2013	2014	2015	2016
Multi Day	12,328,196	13,171,199	13,763,532	13,654,048	14,922,455	14,745,913	14,989,578
Single Day	682,281	488,030	384,706	416,348	628,884	500,406	471,139
Total	13,010,477	13,659,229	14,148,238	14,070,396	15,551,339	15,246,319	15,460,717

Note: Cruise counts are revenue passengers including embarkations and disembarkations.

Source: Individual Florida Seaports, FSTED Council Five-Year Seaport Mission Plans, and U.S. Census Bureau, Foreign Trade Division, 2010-2016.

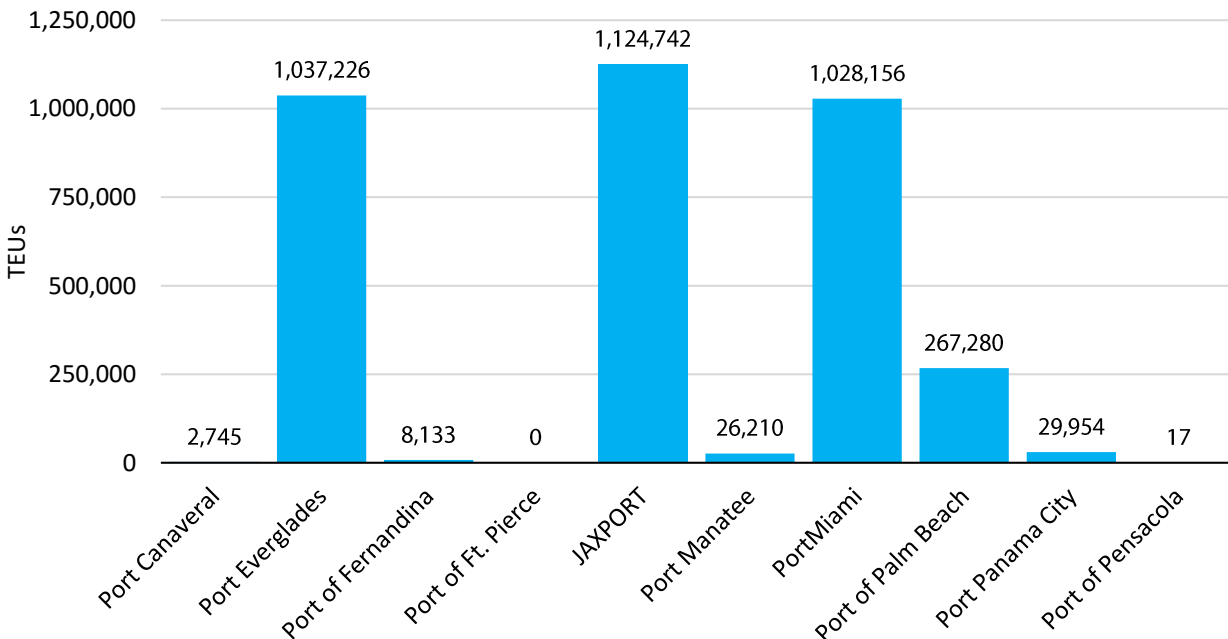
Figures 2-1 through 2-6 (no updates)

Figure 2-7: Revenue Cruise Passengers at Florida’s Cruise Seaports FY2015/2016



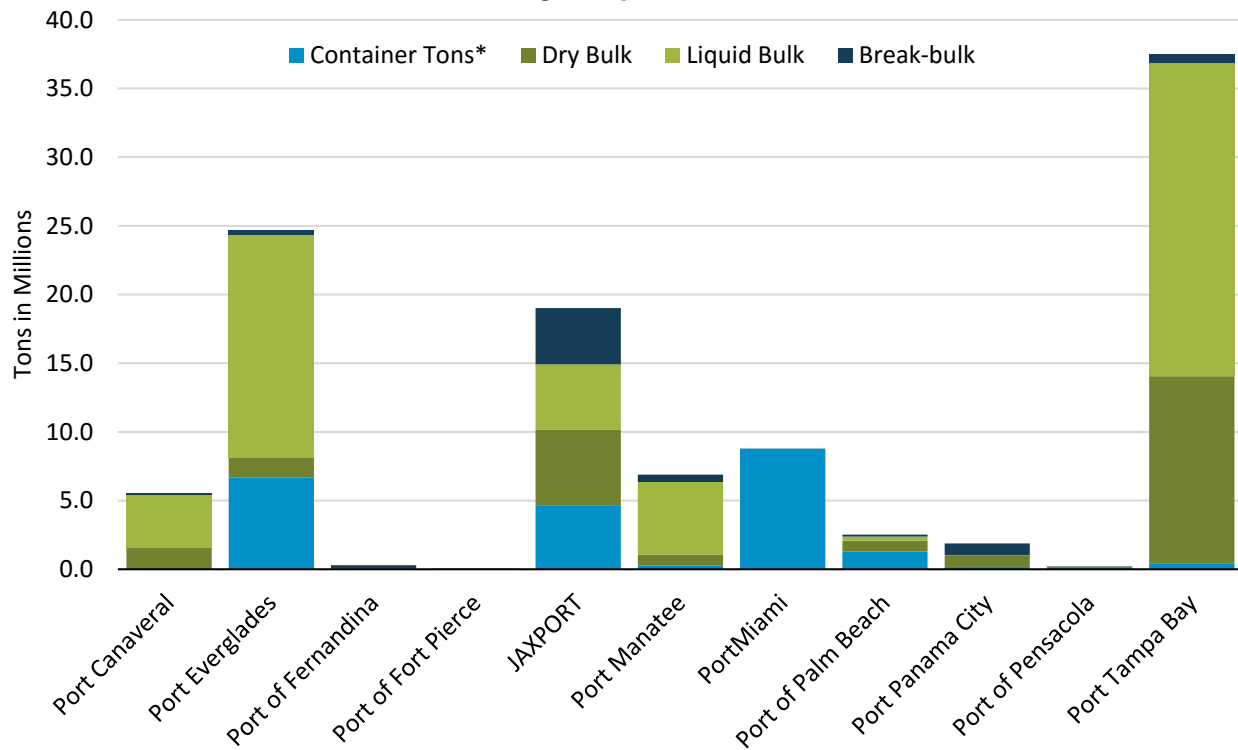
Note: Revenue Cruise Passengers include embarkations and disembarkations and the data summarizes single day and multi-day cruises.
 Source: Individual Florida Seaports and The Five-Year Florida Seaport Mission Plans.

Figure 2-8: TEU Counts at Florida’s Container Seaports FY2015/2016



Source: Individual Florida Seaports and The Five-Year Florida Seaport Mission Plans.

Figure 2-9: Break-bulk, Liquid Bulk, Dry Bulk, and Container Tons Comparisons at Florida's Cargo Seaports for FY2015/2016



Note: No cargo reported for Port of Citrus, Port of Key West, Port of Port St. Joe or Port of St. Petersburg.
 Source: Individual Florida Seaports and The Five-Year Florida Seaport Mission Plans.

Table 3-1: Imports, Exports, and Domestic Waterborne Tonnage at Florida Seaports, and Statewide Tonnage Totals (2010 to 2016)

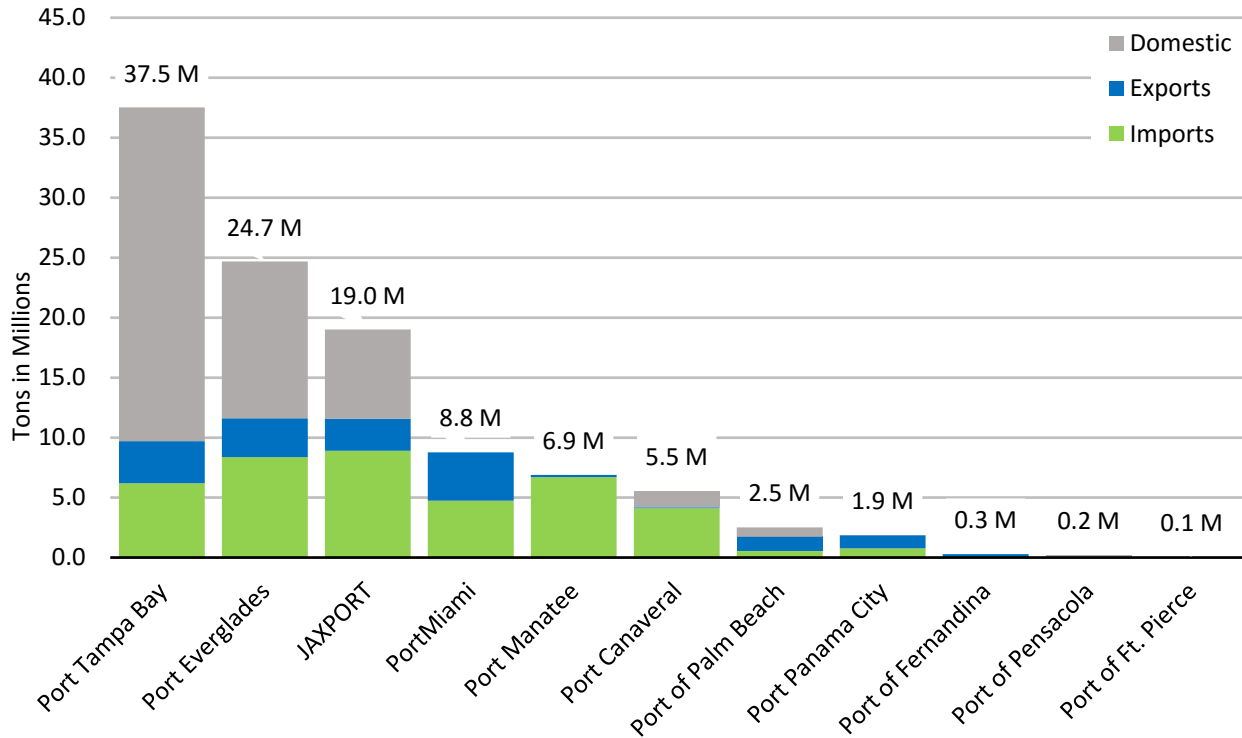
Port	Imports	Exports	Domestic	Total
Port Tampa Bay	6,204,006	3,498,072	27,823,375	37,525,453
Port Everglades	8,375,823	3,233,757	13,071,751	24,681,331
JAXPORT	8,905,154	2,666,914	7,445,726	19,017,794
PortMiami	4,749,255	4,028,719	0	8,777,974
Port Manatee	6,707,711	181,046	0	6,888,757
Port Canaveral	4,117,640	64,737	1,342,101	5,524,478
Port of Palm Beach	540,162	1,195,403	783,690	2,519,255
Port Panama City	774,760	1,087,865	17,776	1,880,401
Port of Fernandina	27,278	269,596	0	296,874
Port of Pensacola	75,850	30,506	94,653	201,009
Port of Ft. Pierce	25,800	30,800	0	56,600
Current 2016 Total	40,503,439	16,287,415	50,579,072	107,369,926
2015 Total	40,458,288	18,989,078	43,564,694	103,012,060
2014 Total	36,590,914	18,656,294	43,498,295	98,745,503
2013 Total	36,376,367	19,539,122	43,499,053	99,414,542
2012 Total	37,336,914	20,143,671	43,156,464	100,637,049
2011 Total*	35,932,270	19,796,557	44,224,029	100,300,718
2010 Total*	39,604,650	18,581,630	47,817,210	106,361,422
7 Year Total	266,802,842	131,993,767	316,338,817	715,841,220

Notes: Years represent the last year of the Seaport Mission Plan's Fiscal Year. No cargo reported for Port of Citrus, Port of Key West, Port of Port St. Joe, or Port of St. Petersburg.

*Totals includes other commodities like water sales.

Source: Individual Florida Seaports and the FSTED Council's Five-Year Mission Plans.

Figure 3-1: Import, Export, and Domestic Waterborne Tonnage at Florida Seaports (2016)



Note: No cargo reported for Port of Citrus, Port of Key West, Port of Port St. Joe or Port of St. Petersburg.

Source: Individual Florida Seaports and the FSTED Council's Five-Year Mission Plan Data.

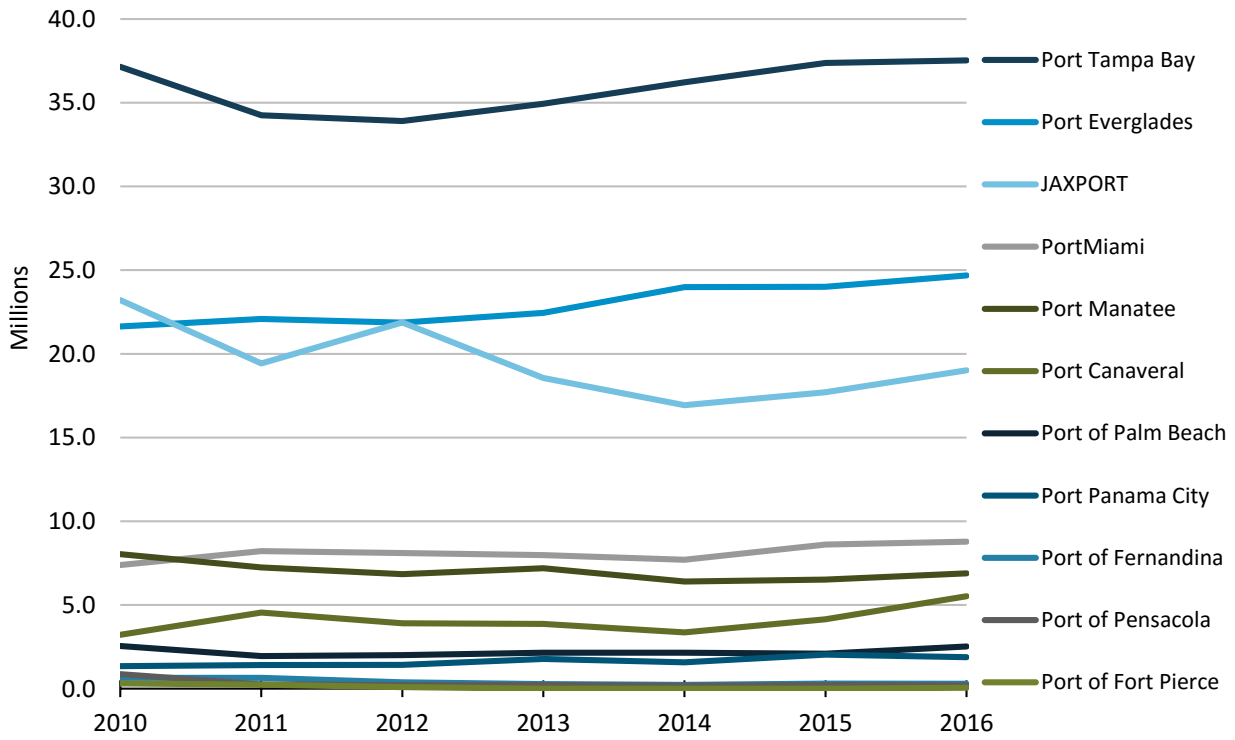
Table 3-3: Waterborne Tonnage at Florida Seaports (2010 to 2016)

Port	2010	2011	2012	2013	2014	2015	2016
Port Tampa Bay	37,148,407	34,252,712	33,907,564	34,940,655	36,217,443	37,374,291	37,525,453
Port Everglades	21,640,144	22,087,515	21,868,900	22,452,473	23,985,882	24,001,663	24,681,331
JAXPORT	23,209,832	19,424,444	21,879,311	18,556,178	16,932,989	17,704,738	19,017,794
PortMiami	7,389,165	8,221,756	8,108,070	7,980,527	7,699,886	8,613,739	8,777,974
Port Manatee	8,032,392	7,247,449	6,837,811	7,197,430	6,403,414	6,517,733	6,888,757
Port Canaveral	3,218,144	4,547,724	3,904,986	3,874,266	3,362,282	4,151,726	5,524,478
Port of Palm Beach	2,548,346	1,953,893	2,005,461	2,145,864	2,150,804	2,094,069	2,519,255
Port Panama City	1,345,000	1,412,000	1,420,665	1,776,509	1,575,223	2,032,426	1,880,401
Port of Fernandina	645,640	647,074	384,499	275,198	228,262	303,981	296,874
Port of Pensacola	869,352	262,591	224,159	215,441	185,318	217,695	201,009
Port of Fort Pierce	315,000	243,560	95,623	0	0	0	56,600
Annual All Port Totals	106,361,422	100,300,718	100,637,049	99,414,541	98,741,503	103,012,061	107,369,926

Note: No waterborne cargo reported for Port Citrus, Port of Key West, Port of Port St. Joe, or Port of St. Petersburg.

Source: Individual Florida Seaports and the FSTED Council's Five-Year Mission Plan Data.

Figure 3-2: Waterborne Tonnage at Florida Seaports (2010 to 2016)



Note: No waterborne cargo reported for Port Citrus, Port of Key West, Port of Port St. Joe, or Port of St. Petersburg.
 Source: Individual Florida Seaports and the FSTED Council's Five-Year Mission Plan Data.

Table 3-4: Tonnage by Cargo Type at Florida Seaports and Statewide Tonnage Totals (2010 to 2016)

Port	Dry Bulk	Liquid Bulk	Break-bulk	Container Tons*	Total Tonnage
Port Canaveral	1,531,262	3,845,853	119,913	27,450	5,524,478
Port Everglades	1,428,763	16,223,101	336,777	6,692,690	24,681,331
Port of Fernandina	21,851	0	238,004	37,019	296,874
Port of Fort Pierce	0	30,000	26,600	0	56,600
JAXPORT	5,507,502	4,745,131	4,103,357	4,661,804	19,017,794
Port Manatee	807,352	5,290,549	529,762	261,094	6,888,757
PortMiami	0	0	6,348	8,771,626	8,777,974
Port of Palm Beach	783,690	304,152	135,923	1,295,490	2,519,255
Port Panama City	856,038	22,144	832,086	170,133	1,880,401
Port of Pensacola	132,032	0	68,898	79	201,009
Port Tampa Bay	13,618,585	22,821,560	645,508	439,800	37,525,453
Current 2016 Totals	24,687,075	53,282,490	7,043,176	22,357,185	107,369,926
2015 Total	24,254,635	50,376,613	6,889,987	21,490,826	103,012,061
2014 Total	22,148,166	49,085,268	7,354,111	20,153,958	98,741,503
2013 Total	22,764,065	51,038,215	5,553,417	20,058,844	99,414,541
2012 Total	22,381,524	51,661,587	5,994,114	20,599,824	100,637,049
2011 Total*	22,318,083	53,181,770	5,466,384	19,334,481	100,300,718
2010 Total*	27,301,837	55,057,465	5,755,767	18,246,353	106,361,422

Note: No cargo reported or projected for ports of Citrus, Key West, Port St. Joe or St. Petersburg at this time.

Source: Individual Florida Seaports and the FSTED Council's Five-Year Mission Plan Data.

Table 3-5: Containers in TEUs at Florida Seaports (2010 to 2016)

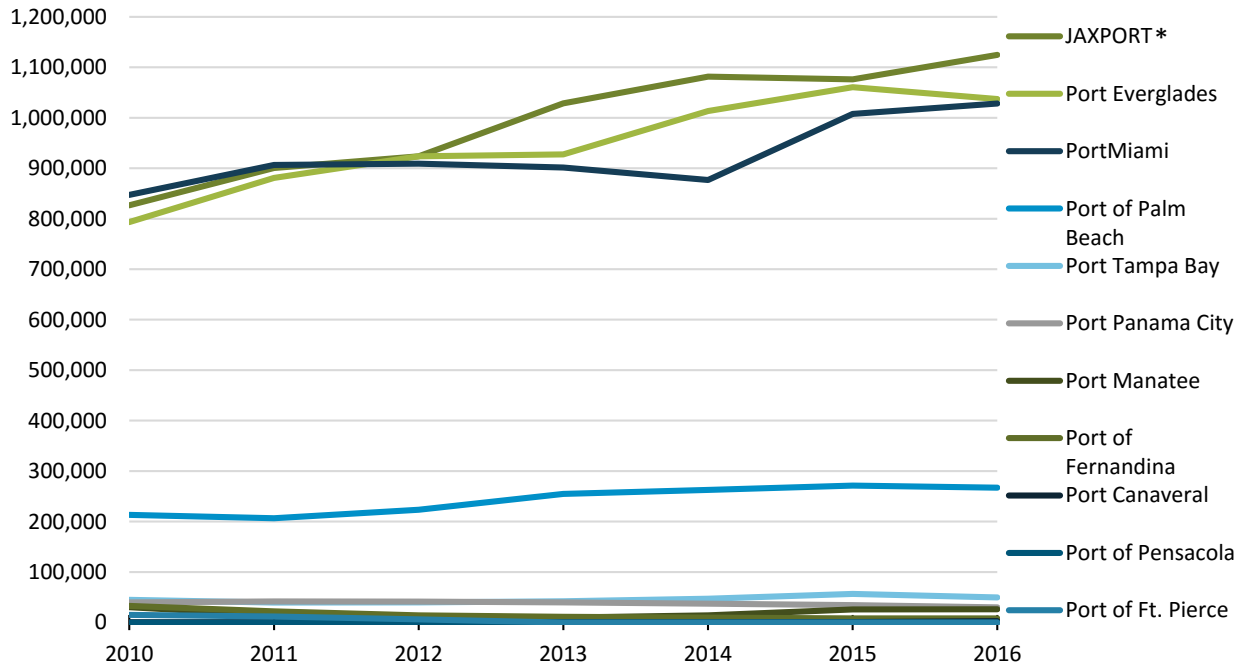
Port	2010	2011	2012	2013	2014	2015	2016
JAXPORT	826,580	900,433	923,660	1,028,541	1,081,528	1,076,252	1,124,742
Port Everglades	793,227	880,999	923,600	927,572	1,013,344	1,060,507	1,037,226
PortMiami	847,249	906,607	909,197	901,454	876,708	1,007,782	1,028,156
Port of Palm Beach	213,286	206,537	223,463	254,664	262,805	271,277	267,280
Port Tampa Bay	44,827	39,632	39,882	42,198	47,265	56,742	49,716
Port Panama City	40,000	41,900	41,456	39,716	37,310	34,304	29,954
Port Manatee	30,431	14,576	12,610	9,621	14,078	25,778	26,210
Port of Fernandina	32,885	22,005	14,092	11,239	9,652	8,059	8,133
Port Canaveral	659	646	253	580	388	751	2,745
Port of Pensacola	0	168	76	116	116	74	17
Port of Ft. Pierce	15,080	11,853	6,156	0	0	0	0
Total	2,844,224	3,025,356	3,094,445	3,215,701	3,343,194	3,541,526	3,574,179

Notes: *2013 - 2016 Jaxport annual totals include private container terminal TEUs. No container cargo reported for Port Citrus, Port of Key West, Port of Port St. Joe, or Port of St. Petersburg.

Source: Individual Florida Seaports and the FSTED Council's Five-Year Mission Plan Data.

Figure 3-3 (no update)

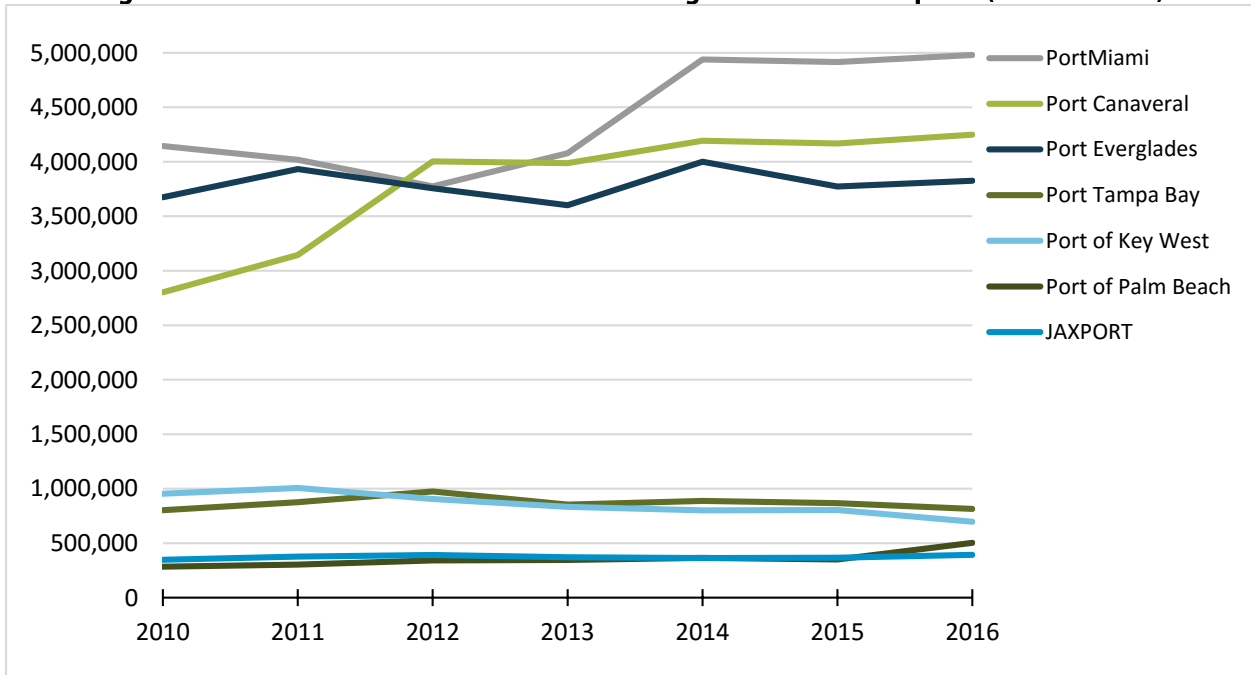
Figure 3-4: Florida Ports Containers in TEUs (2010 to 2016)



Notes: *2013 - 2016 Jaxport annual totals include private container terminal TEUs. No container cargo reported for Port Citrus, Port of Key West, Port of Port St. Joe, or Port of St. Petersburg.

Source: Individual Florida Seaports and the FSTED Council's Five-Year Mission Plan Data.

Figure 3-5: Annual Total Revenue Cruise Passengers at Florida Seaports (2010 to 2016)



Note: Florida currently has seven seaports that provide cruise line services with either homeported vessels or port-of-call vessel service.

Source: Individual Florida Seaports and the FSTED Council's Five-Year Seaport Mission Plan Data.

Table 3-6 (no update)

Table 3-7: Annual Multi-Day, One-Day, and Total Revenue Cruise Passengers at Florida Seaports (2010 to 2016)

		PortMiami	Port Canaveral	Port Everglades	Port Tampa Bay	Port of Key West	JAXPORT	Port of Palm Beach	Total all Cruise Ports
2010	MULTI-DAY	4,145,043	2,722,751	3,314,208	802,775	808,845	347,136	187,438	12,328,196
	ONE-DAY	0	80,200	360,018	0	144,617	0	97,446	682,281
	TOTAL	4,145,043	2,802,951	3,674,226	802,775	953,462	347,136	284,884	13,010,477
2011	MULTI-DAY	4,018,161	3,100,199	3,644,103	875,611	852,673	377,452	303,000	13,171,199
	ONE-DAY	0	44,469	288,740	0	154,821	0	0	488,030
	TOTAL	4,018,161	3,144,668	3,932,843	875,611	1,007,494	377,452	303,000	13,659,229
2012	MULTI-DAY	3,774,452	3,761,056	3,689,022	974,259	832,887	390,852	341,004	13,763,532
	ONE-DAY	0	243,227	68,298	0	73,181	0	0	384,706
	TOTAL	3,774,452	4,004,283	3,757,320	974,259	906,068	390,852	341,004	14,148,238
2013	MULTI-DAY	4,030,356	3,717,586	3,509,727	854,260	832,887	371,263	337,969	13,654,048
	ONE-DAY	48,173	269,408	90,909	0	0	0	7,858	416,348
	TOTAL	4,078,529	3,986,994	3,600,636	854,260	832,887	371,263	345,827	14,070,396
2014	MULTI-DAY	4,771,983	3,863,606	3,880,033	888,343	800,752	363,994	353,744	14,922,455
	ONE-DAY	167,079	329,399	121,321	0	0	0	11,085	628,884
	TOTAL	4,939,062	4,193,005	4,001,354	888,343	800,752	363,994	364,829	15,551,339
2015	MULTI-DAY	4,875,313	3,860,225	3,622,229	867,114	804,624	366,021	350,387	14,745,913
	ONE-DAY	40,263	308,441	151,157	0	0	0	545	500,406
	TOTAL	4,915,576	4,168,666	3,773,386	867,114	804,624	366,021	350,932	15,246,319
2016	MULTI-DAY	4,952,180	3,951,127	3,680,549	813,800	696,224	392,822	502,876	14,989,578
	ONE-DAY	28,104	297,169	145,866	0	0	0	0	471,139
	TOTAL	4,980,284	4,248,296	3,826,415	813,800	696,224	392,822	502,876	15,460,717

Note: Florida current has seven seaports that provide cruise line services with either homeported vessels or port-of-call vessel service.

Source: Individual Florida Seaports and the FSTED Council's Five-Year Seaport Mission Plan Data.

Tables 3-8 through 3-11 (no update)

Table: 3-12 U.S. Waterborne Foreign Trade Tonnage, in thousands (2010 to 2016)

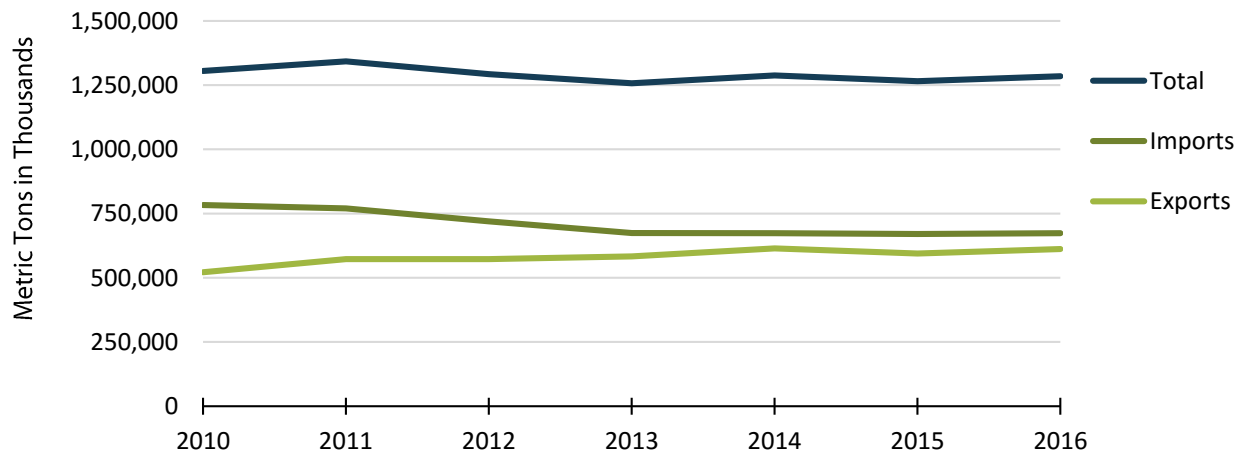
	2010	2011	2012	2013	2014	2015	2016
Imports	783,255	769,958	719,769	674,142	673,352	670,572	673,202
Exports	521,679	572,630	572,771	582,894	614,302	594,560	611,536
Total	1,304,934	1,342,588	1,292,540	1,257,036	1,287,655	1,265,132	1,284,739

Source: U.S. Census Bureau, U.S. Merchandise Trade, Selected Highlights (Report FT 920)

http://www.census.gov/foreign-trade/Press-Release/ft920_index.html

Figures 3-6 through 3-10 (no update)

Figure 3-11: U.S. Waterborne Foreign Trade Tonnage (2010 to 2016)



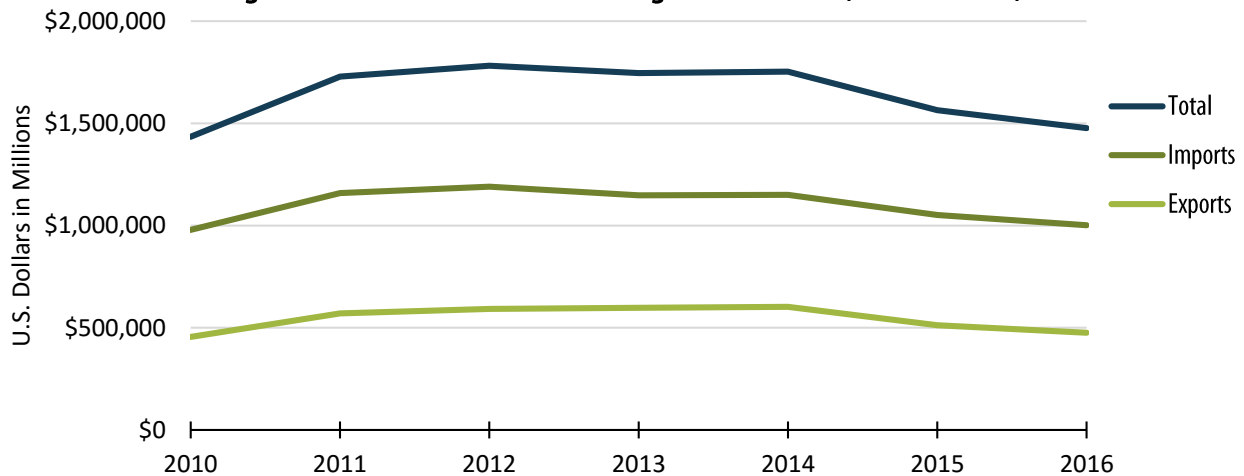
Source: U.S. Census Bureau, U.S. Merchandise Trade, Selected Highlights (Report FT 920)
http://www.census.gov/foreign-trade/Press-Release/ft920_index.html

Table 3-13: U.S. Waterborne Foreign Trade Value (2010 to 2016)

	VALUE (Millions of Current U.S. Dollars)							Change
	2010	2011	2012	2013	2014	2015	2016	
Imports	\$978,799	\$1,159,096	\$1,190,125	\$1,148,319	\$1,150,500	\$1,051,960	\$1,001,531	-4.8%
Exports	\$455,460	\$570,286	\$592,122	\$597,749	\$602,771	\$512,598	\$475,496	-7.2%
Total	\$1,434,259	\$1,729,382	\$1,782,247	\$1,746,068	\$1,753,271	\$1,564,558	\$1,477,027	-5.6%

Source: U.S. Census Bureau, U.S. Merchandise Trade, Selected Highlights (Report FT 920)
http://www.census.gov/foreign-trade/Press-Release/ft920_index.html

Figure 3-12: U.S. Waterborne Foreign Trade Value (2010 to 2016)



Source: U.S. Census Bureau, U.S. Merchandise Trade, Selected Highlights (Report FT 920)
http://www.census.gov/foreign-trade/Press-Release/ft920_index.html

Table 3-14 (no update)

Table 3-15: Florida's Top 10 Waterborne International Trade Partners in U.S. Dollars (2014 to 2016)

Country	2014	2015	2016	Percent Change
China	\$6,570,579,602	\$6,717,827,654	\$6,635,066,531	-1.2%
Japan	\$5,916,172,747	\$6,392,213,542	\$6,410,297,638	0.3%
Dominican Republic	\$4,785,828,140	\$5,056,882,604	\$5,238,455,824	3.6%
Honduras	\$4,225,504,041	\$4,470,319,269	\$4,124,692,396	-7.7%
Brazil	\$5,711,540,645	\$4,482,649,988	\$4,012,253,093	-10.5%
Mexico	\$2,660,484,377	\$2,309,693,373	\$3,221,105,353	39.5%
Chile	\$3,642,811,313	\$3,510,392,942	\$2,959,186,370	-15.7%
Germany	\$836,500,058	\$2,215,047,235	\$2,743,643,554	23.9%
Costa Rica	\$2,582,619,368	\$2,619,557,890	\$2,616,704,350	-0.1%
Colombia	\$2,833,457,415	\$2,715,164,823	\$2,228,665,162	-17.9%
Top Ten Total			\$40,190,070,271	
Total All Countries	\$86,800,474,305	\$86,219,605,560	\$79,288,854,622	-8.0%

Note: Values represented in current year U.S. Dollars. Florida's top 10 waterborne international trade partners may change annually.
 Source: U.S. Census Bureau, Foreign Trade Division, USA Trade, 2016.

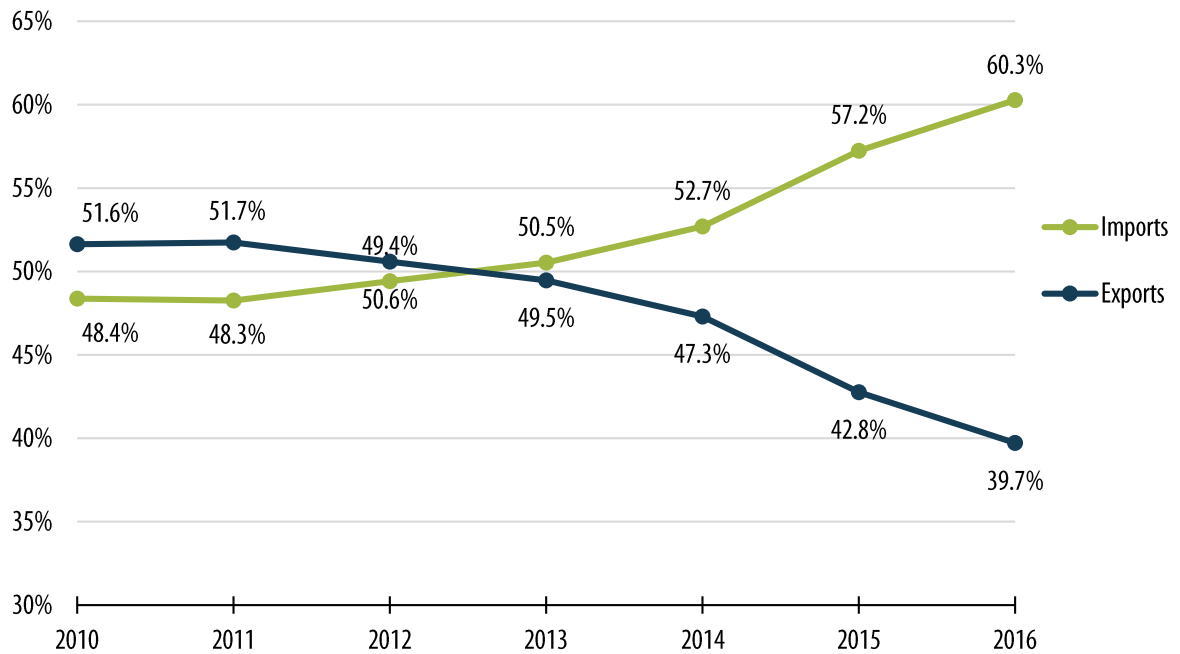
Table 3-16: Florida's Top 10 Waterborne International Commodities in U.S. Dollars (2014 to 2016)

Commodity	2014	2015	2016	Percent Change
Vehicles, except Railway or Tramway, and Parts	\$15,152,669,060	\$16,907,295,896	\$16,959,392,765	0.3%
Nuclear Reactors, Boilers, Machinery, and Parts Thereof	\$9,512,968,176	\$8,939,595,480	\$7,902,745,078	-11.6%
Electric Machinery, including Sound and TV Equipment	\$5,575,173,880	\$5,333,625,796	\$5,209,479,546	-2.3%
Apparel Articles and Accessories, Knit or Crochet	\$4,756,671,831	\$4,927,782,876	\$4,587,503,477	-6.9%
Mineral Fuel, Oil, Bituminous Substances, Mineral Wax	\$6,640,678,567	\$5,126,889,310	\$2,602,193,888	-49.2%
Optical, Photo, Medical or Surgical Instruments	\$2,268,353,856	\$2,304,791,071	\$2,235,884,673	-3.0%
Beverages, Spirits and Vinegar	\$1,865,451,766	\$1,858,307,695	\$1,910,253,901	2.8%
Furniture, Bedding, Lamps Not Elsewhere Specified, Prefab Buildings	\$1,796,789,629	\$1,966,523,293	\$1,880,091,749	-4.4%
Plastics and Articles Thereof	\$2,221,743,561	\$2,013,132,187	\$1,866,884,766	-7.3%
Essential Oils, Perfumery, Cosmetic Preparations, Etc.	\$1,799,983,484	\$1,796,514,041	\$1,797,241,575	0.0%
Top Ten Total			\$46,951,671,418	
Total All Commodities	\$86,800,474,305	\$86,219,605,560	\$79,288,854,622	-8.04%

Note: Table includes Imports and Exports combined for total international waterborne commodity trade. Florida's top 10 waterborne international commodities may change annually.

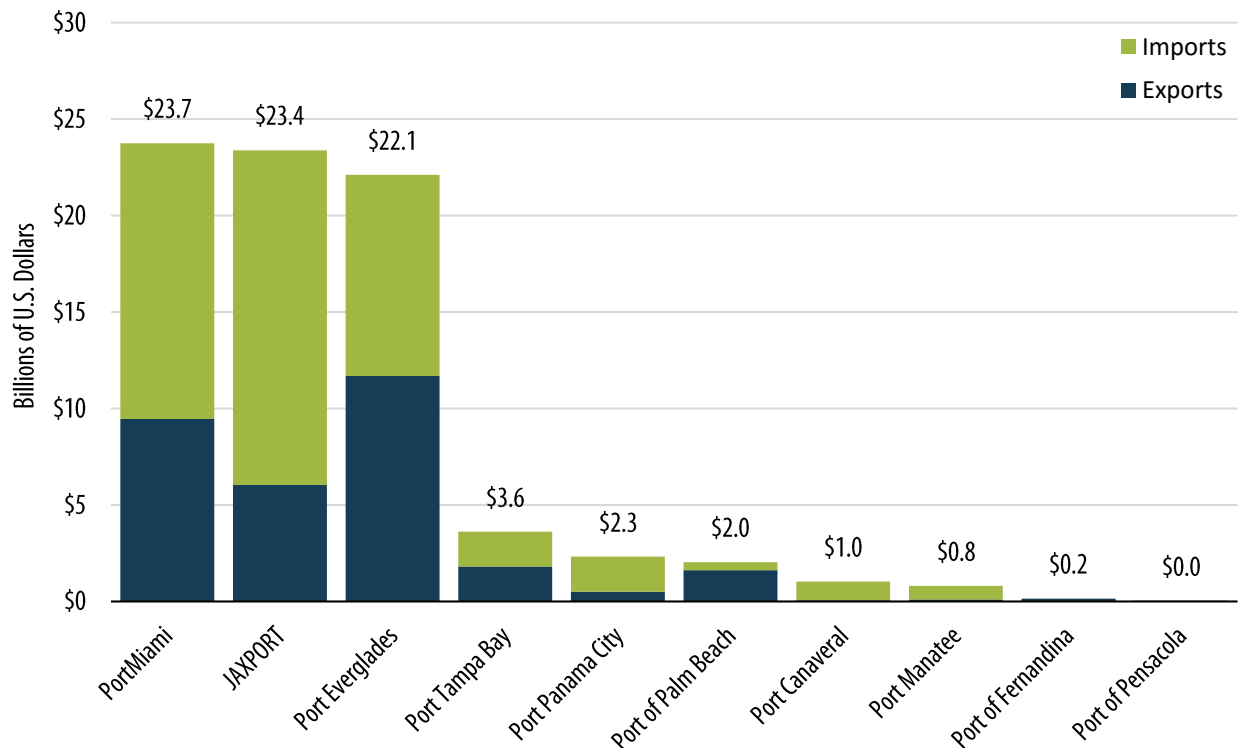
Source: U.S. Census Bureau, Foreign Trade Division, USA Trade, 2016.

Figure 3-13: Florida Waterborne International Trade Imports and Exports by Value (2010 to 2016)



Note: Imports and Exports through Florida Ports with a 2015 value basis of \$149.9 billion U.S. dollars. Port Citrus, Port of Key West, Port of Port St. Joe, and Port of St. Petersburg do not have over dock cargo. Includes a miscellaneous category of \$286M (2010 to 2015).
 Source: U.S. Census Bureau, Foreign Trade Division, USA Trade, 2015.

Figure 3-14: Florida Seaport Waterborne International Trade Imports and Exports by Value (2016)



Source: Individual Florida Seaports, Florida Ports Council.

Figures 5-1 through 5-4 *(no update)*

Tables 3-17 and 3-18 *(no update)*

Table 3-19

(American Association of Port Authorities 2016 Update to TEUs by state and port)

Tables 4-1 through 6-1 *(no update)*

Please see the Florida Department of Transportation's *2015 Florida Seaport System Plan* for tables and figures identified as having *(no updates)*. You can access the plan on the web at the following address:

<http://www.fdot.gov/seaport/publications.shtm>

Please reach out to the FDOT Seaport office for additional information.

FDOT Phone: (850) 414-4500

