

PORT OF HOUSTON

Texas

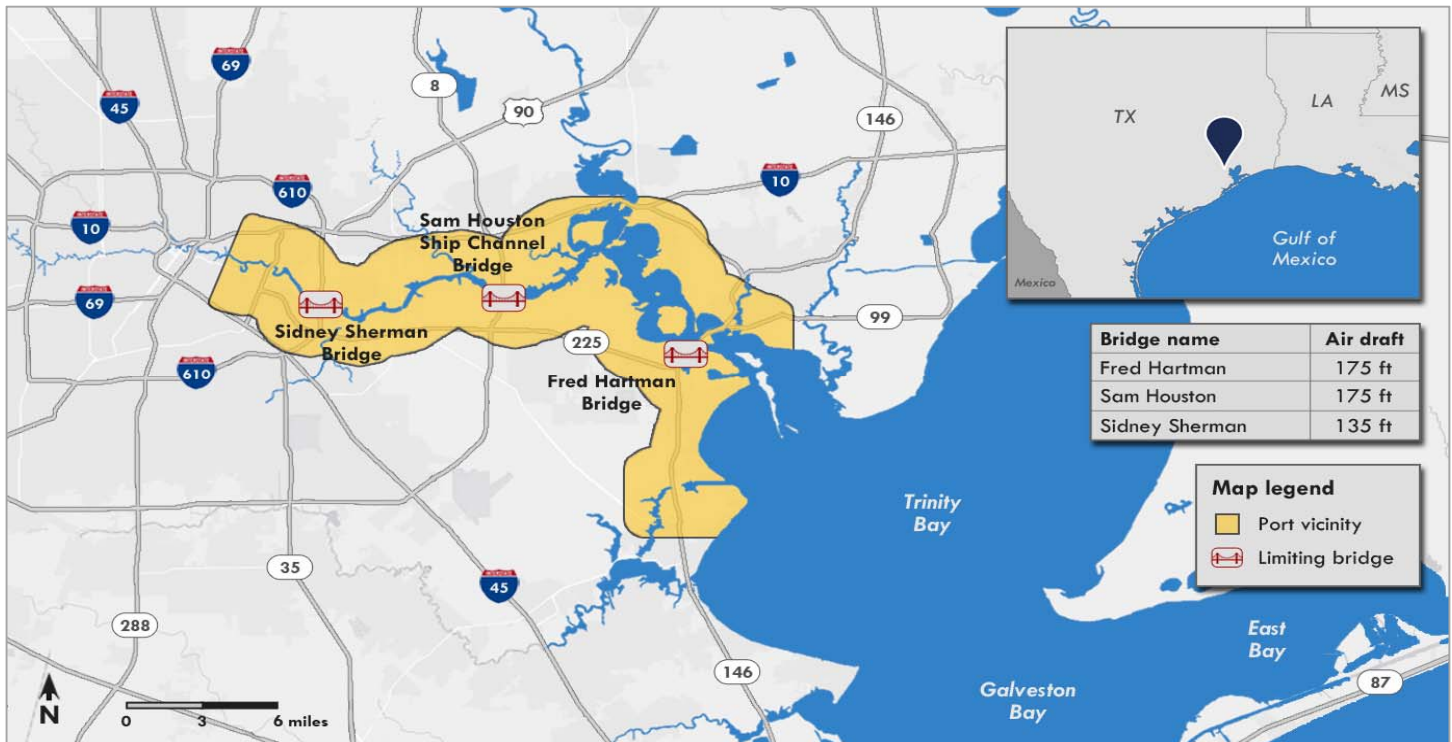
Gulf Coast & Mississippi River

Port list:

Container

Tonnage

Dry bulk



Port vicinity map illustrates area facilities. Bridge air drafts may limit vessel traffic.

Port overview

The Port of Houston (PHA) is a complex of over 150 public and private terminals located along the 52-mile-long Houston Ship Channel, alongside the Gulf of Mexico. The port is governed by a seven-member PHA commission.

The port includes eight public terminals that handle multiple cargo types in addition to the private terminals. The public Barbour's Cut and Bayport container terminals together account for most of the Gulf Coast container trade. The other public terminals handle bulk, break-bulk, project, and Ro/Ro cargoes. Many of the port's private terminals handle materials and goods, such as petroleum and petrochemical products, that are related to the region's energy industry. Major commodities handled by the port include crude petroleum, distillate fuel, gasoline, hydrocarbons, and residual fuel oil.

The Port of Houston Port Terminal Railroad Association provides rail switching service to many of the port's public and private terminals, with connections to three Class I railroads.

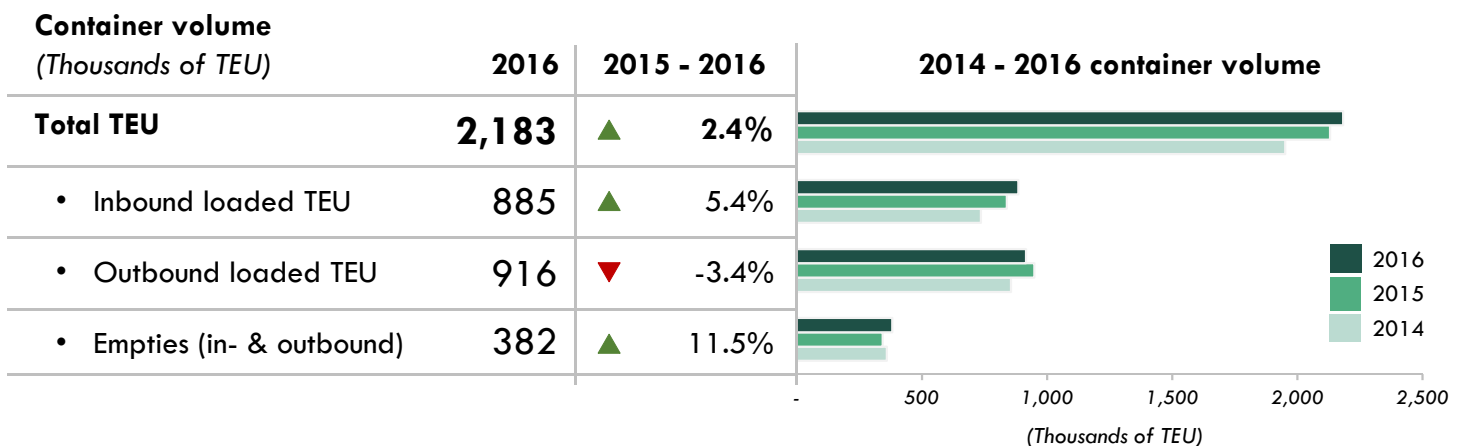
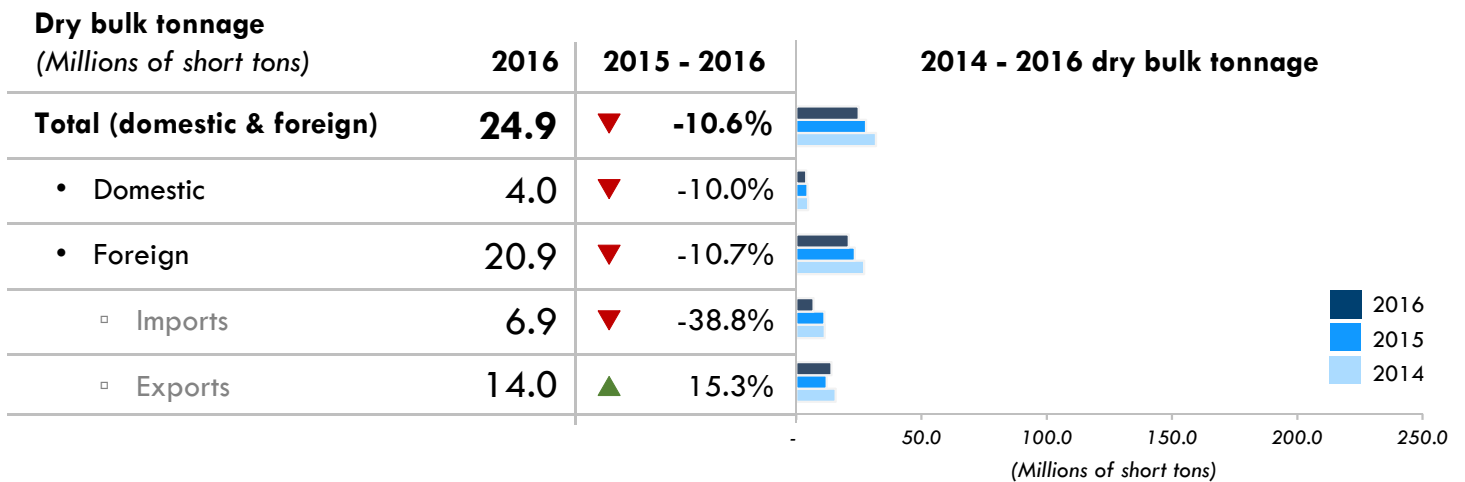
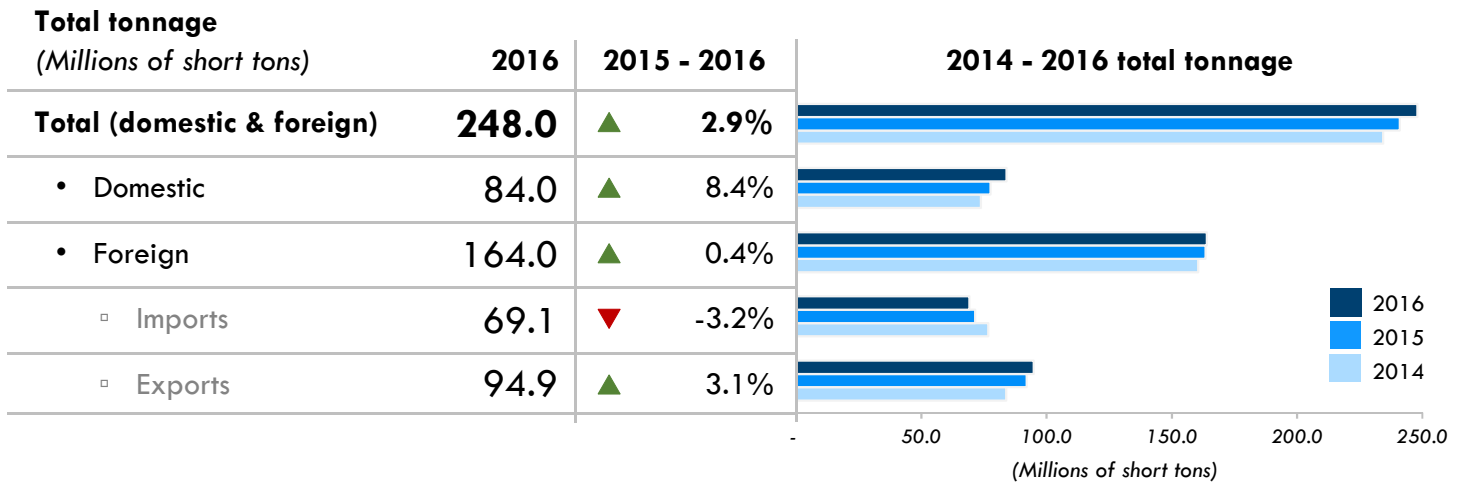
Port Updates:

PHA recently expanded the Bayport container terminal. Additionally, in coordination with USACE, the port completed a project in December 2016 to increase the depth of the Bayport entrance channel to 45 feet and its width to 400 feet. A project to increase channel depth in front of Barbour's Cut was completed in 2015. A project is now underway at the Barbour's Cut terminal to upgrade 1,000 linear feet of wharf to allow for the installation of Post-Panamax ship-to-shore cranes.

PORT OF HOUSTON (CONTINUED)

THROUGHPUT

Cargo

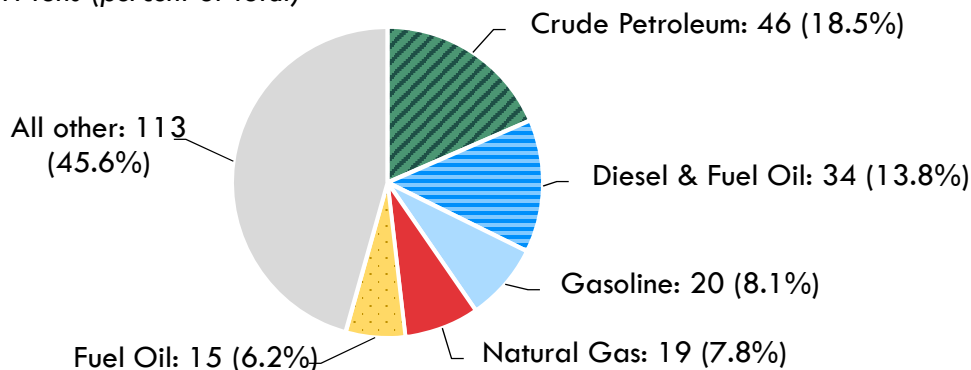


PORT OF HOUSTON (CONTINUED)

THROUGHPUT

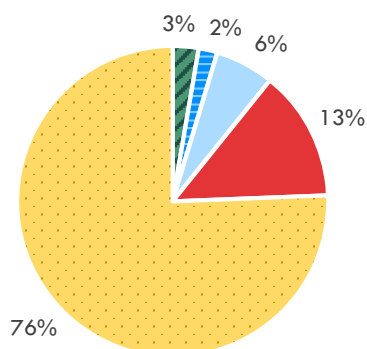
Commodities

Tonnage Millions of short tons (percent of total)



Vessel calls

% of total vessel calls

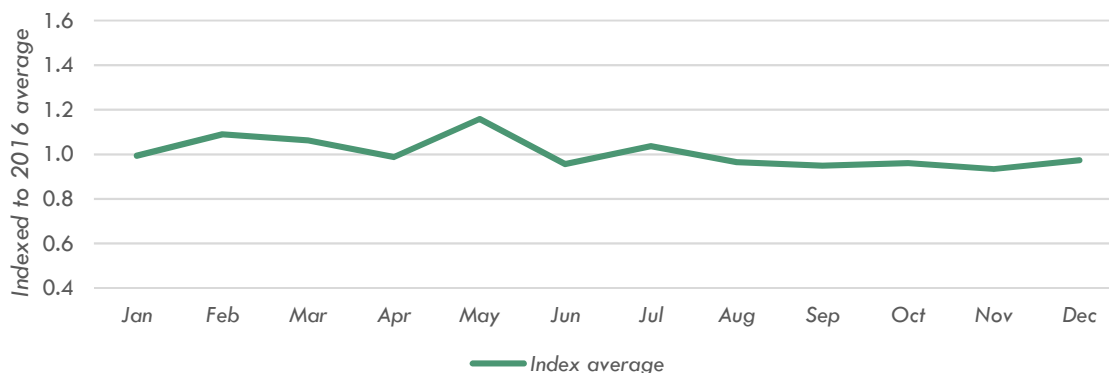


By vessel type

	2016	2015 - 2016
Total vessel calls	33,068	▲ 2.6%
Container vessel	890	▼ -4.7%
Average TEU per container vessel	2,452	▲ 7.5%
Dry bulk vessel	651	▼ -9.6%
Average dry bulk tonnage (short tons) per dry bulk vessel	32,131	
Dry bulk barge	2,019	▼ -11.0%
Average dry bulk tonnage (short tons) per non-dry bulk vessel	1,986	
Other freight vessel	4,503	▲ 0.3%
Other freight barge	25,006	▲ 5.1%

Vessel dwell time

2016 container vessel dwell time index



PORT OF HOUSTON (CONTINUED)

CAPACITY

Container terminals

Terminal Name	Acres	Berth length (ft)	Air draft (ft)	Limiting bridge name	Min. project depth	Cranes		Super PPX	On-dock rail
						Panamax	PPX		
Barbours Cut Container Terminal	435	6,000	N/A	N/A	45	5	5	4	N
Bayport Container Terminal	376	3,500	N/A	N/A	45	-	6	3	N

Non-container terminals

In addition to the container terminals listed above, the Port of Houston complex includes the following terminals: Jacintoport Terminal, Bayport Auto Terminal, Bulk Materials Handling Plant, CARE Terminal, Public Elevator No. 2, Turning Basin Terminal - Northside (wharves 8-32), Southside Terminal/Southside Turning Basin (wharves 1-4, 41-48), Sims Bayou Terminal, and over 100 private terminals.

Channel depth

Authorized channel depth (ft)	45.0	Maximum depth of approach channel (ft)	45.0
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NOTES: Capacity information verified by port per AAPA communication. “N/A” designates a metric that does not apply for this port. Vessel call numbers might not add to 100% due to rounding.

SOURCES: Port Overview/Terminals—Port of Houston website, available at <http://porthouston.com>, including terminal websites accessed through the main port website, as of November 2017.