

PORTS & MARITIME TRANSPORTATION



SMART SECTORS
A PROGRAM OF U.S. EPA



ECONOMICS



ENVIRONMENTAL
IMPACT



EFFICIENCY



U.S. Ship and Boat Building Overview



134,051 Employees



1,514 Establishments



\$35.0 Billion in Gross Output

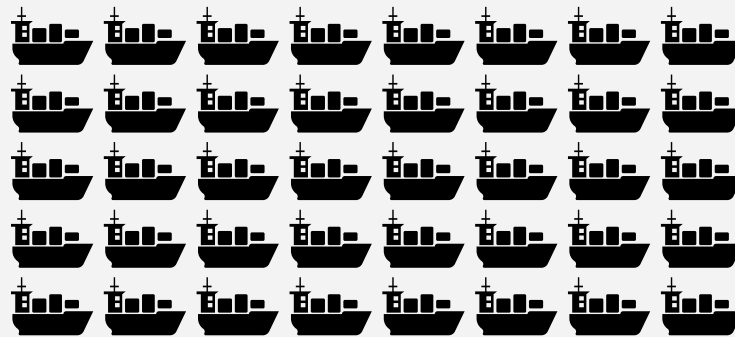
Economic Census: Manufacturing Summary Statistics, 2017



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There are over 40,000 Jones Act American vessels in operation.



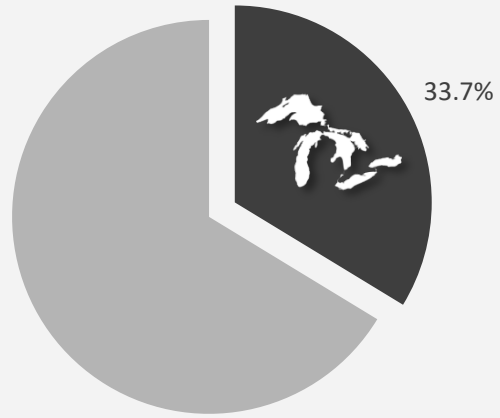
The Jones Act requires that vessels carrying goods between U.S. ports be built in the U.S., registered in the U.S., operated by at least 75% U.S. citizens, and owned by U.S. companies with at least 75% U.S.-citizen ownership.

Shipbuilders Council of America, 2020





Boats in the U.S.



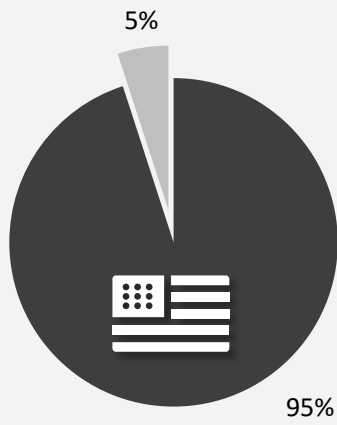
In 2019, 11.9 million boats were registered in the U.S., 33.7% of which were in the Great Lakes region.

National Marine Manufacturers Association, 2019

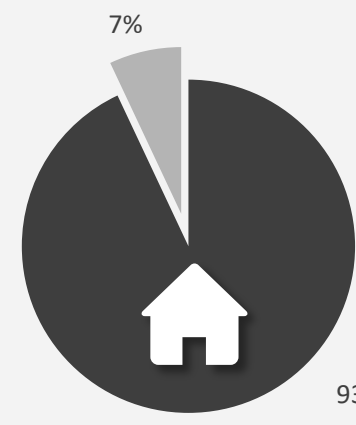




Boat Manufacturer Data



95% of boats sold in the U.S. are manufactured in the U.S.



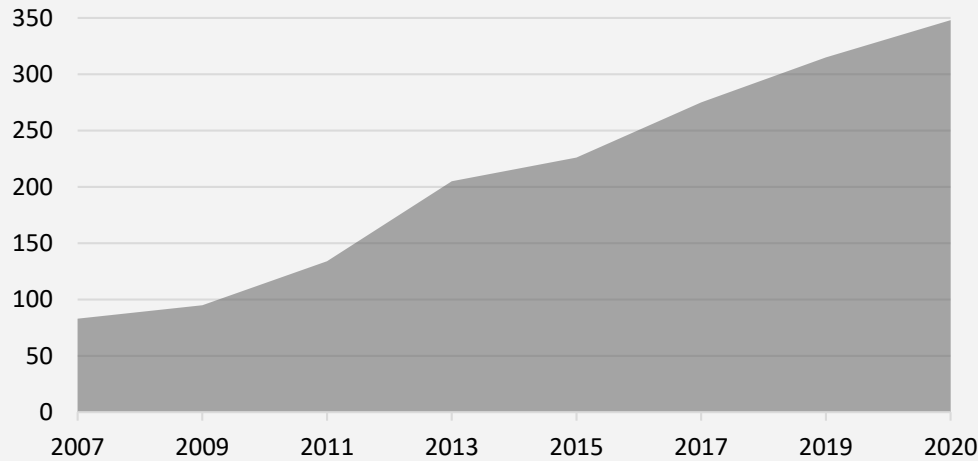
93% of U.S. boat manufacturers are small businesses.

National Marine Manufacturers Association, 2019



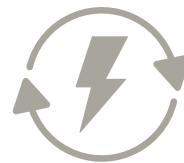
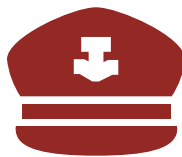


Voluntary Participation in Green Marine Program



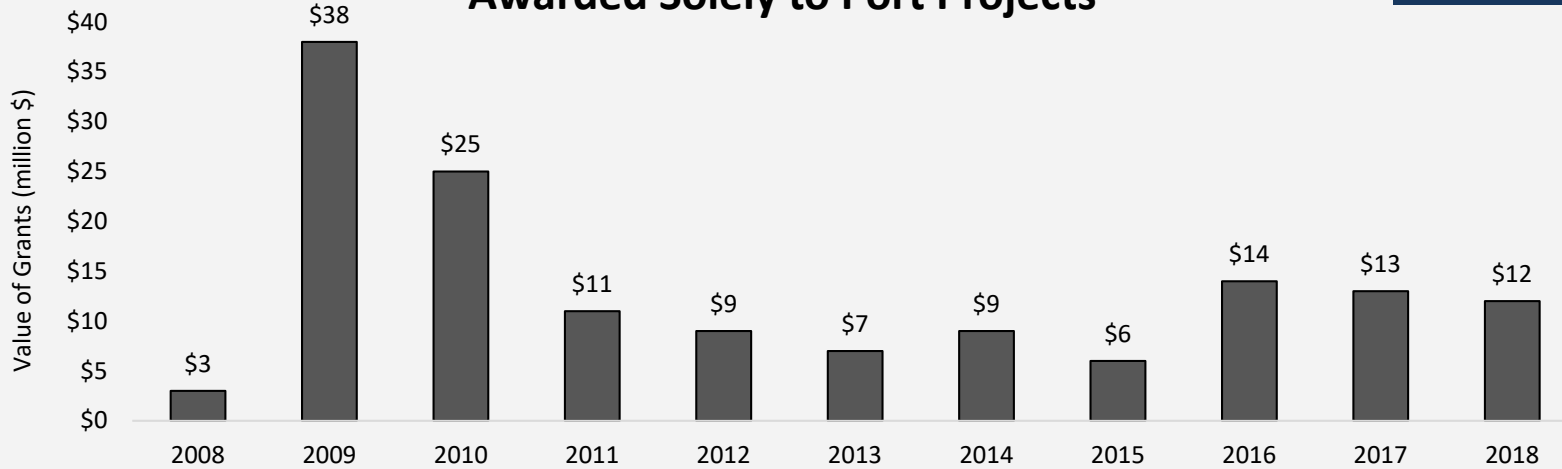
The Green Marine Program is an environmental certification program for North American ship owners, port authorities, and others addressing air, land, and water pollution issues. Between 2007 and 2020, membership grew from 83 to 348 participants.

Green Marine 2019 Performance Report



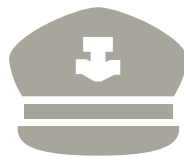


Diesel Emissions Reduction Act (DERA) Grant Funds Awarded Solely to Port Projects



Since 2008, a total of 152 clean diesel grants have been awarded to port specific projects, totaling \$148 million.

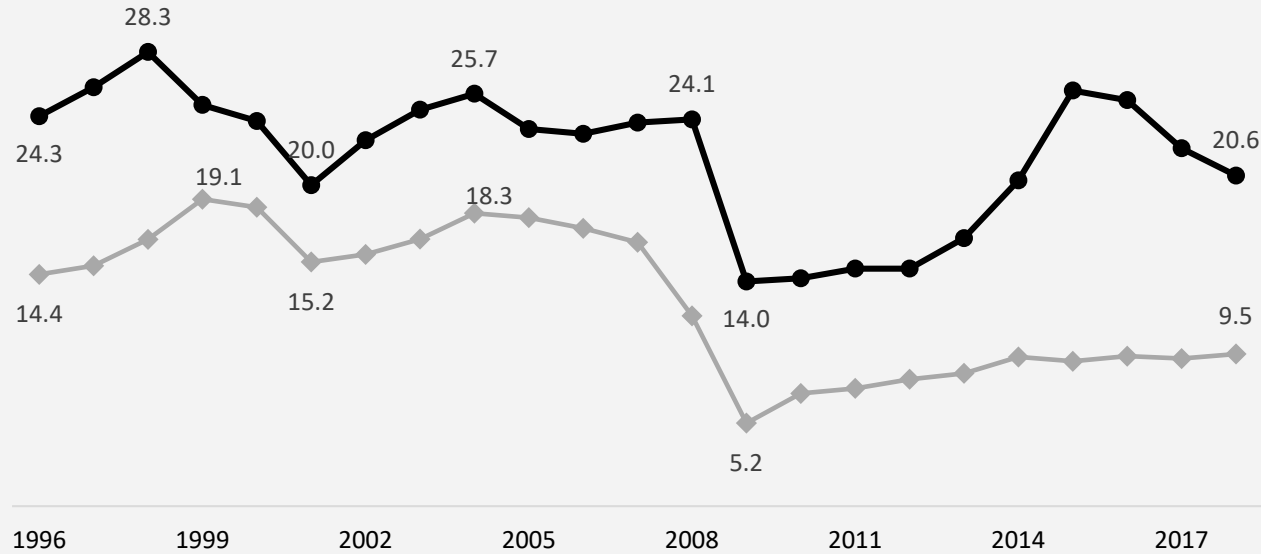
U.S. EPA, 2019



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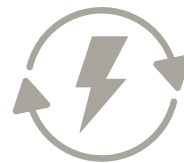
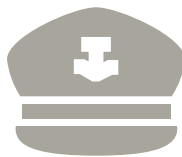


TRI Reporting from Ship and Boat Building Activities



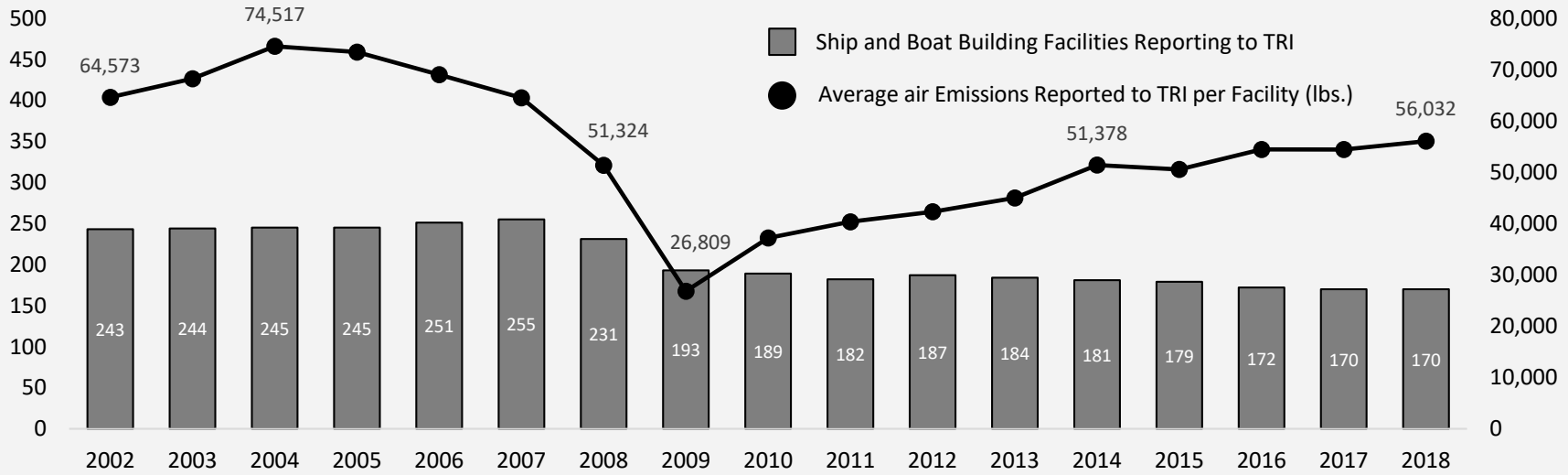
Between 1996 and 2018, air emissions reported to TRI decreased from 14.4 to 9.5 million pounds, and production-related waste reported to TRI decreased from 24.3 to 20.6 million pounds.

U.S. EPA Toxics Release Inventory, 2019



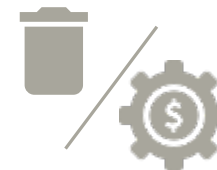


Ship and Boat Building Sector Air Emissions Reported to TRI vs. Number of Facilities Reporting to TRI



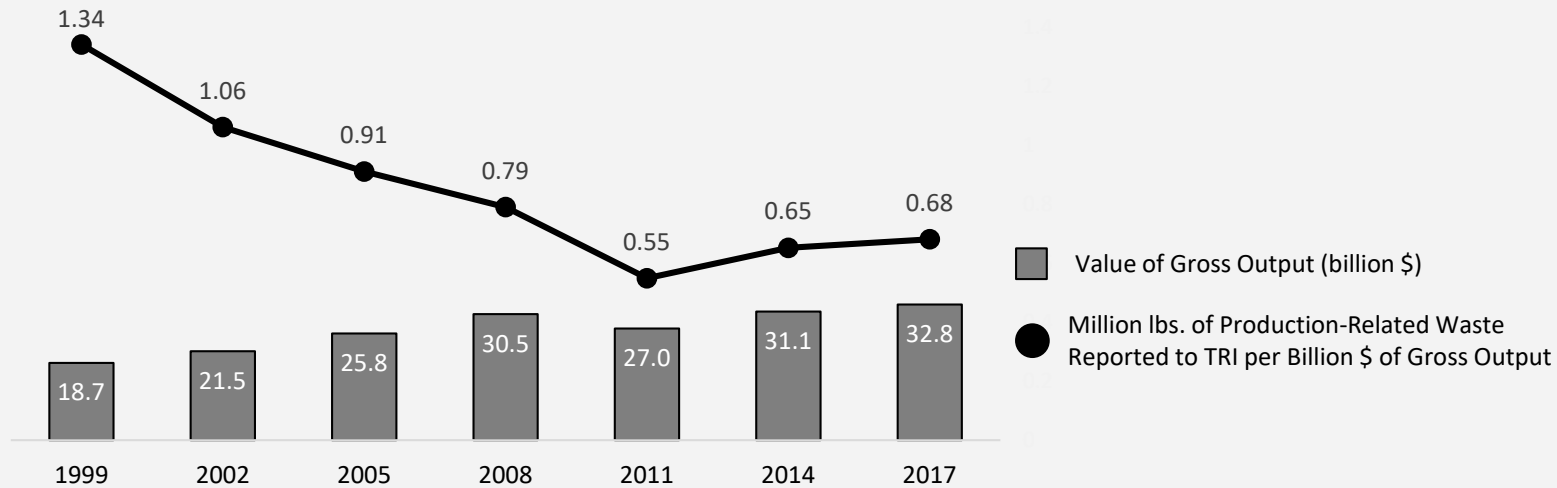
Between 2002 and 2018, the average air emissions reported to TRI per facility decreased from 65,573 pounds to 56,032 pounds.

U.S. EPA Toxics Release Inventory, 2019





Ship and Boat Building Sector Production-Related Waste Reported to TRI vs. Value of Gross Output



Between 1999 and 2017, the ratio of production-related waste reported to TRI to the value of gross output for the ship and boat building sector decreased from 1.34 to 0.68.

U.S. EPA Toxics Release Inventory, 2019; Bureau of Economic Analysis, 2018





The ports and maritime transportation sector includes ship and boat building (NAICS 33661), ports and harbor operations (NAICS 48831), and marine cargo handling (48832).

Ship and boat building establishments construct watercraft ranging from small boats to large seafaring vessels. Businesses in ports and harbor operations are involved in the operation and maintenance of facilities at ports, docks, piers, and canals, while marine cargo handling businesses are involved in the transfer of cargo between ships and barges, trucks, trains, pipelines, or wharfs.

For more information about the EPA Smart Sectors program, visit: epa.gov/smartsectors.

For more information about the ports and maritime transportation sector, visit:

- [EPA's Ports Initiative](#)
- [U.S. Census Bureau, NAICS 33661](#)
- [U.S. Census Bureau, NAICS 48831](#)
- [U.S. Census Bureau, NAICS 48832](#)
- [U.S. Maritime Administration](#)