

THE TUGBOAT, TOWBOAT AND BARGE INDUSTRY

Committed to the Environment

The tugboat, towboat and barge industry is the most efficient mode of freight transport. The advantages of barge transportation compared to other modes are clear: 1 dry cargo barge can carry as much cargo as 16 rail cars or 70 trucks.

Tugboats and towboats produce lower engine emissions than all other freight transport modes. When compared to towing vessels, rail cars emit 43% more greenhouse gases and trucks emit over 800% more.

And, we're not stopping there...

Building on natural advantages of marine transportation, companies from across our industry are investing in innovative technologies to improve their efficiency and environmental performance to maintain America's competitive edge.

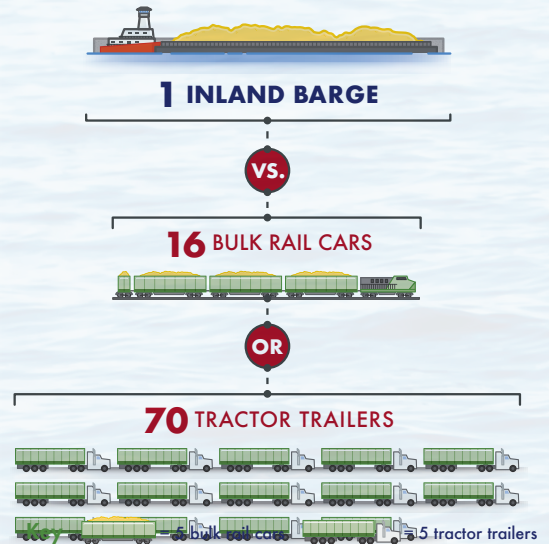
We're taking active steps to go beyond regulatory requirements with sustainability initiatives among our members and outside experts to unleash innovation, exchange knowledge, and drive continuous improvement.

We are committed to doing our part to protect the environment. The tugboat, towboat, and barge industry is a steadfast partner in safeguarding America's air and water while keeping the nation's critical waterborne commerce moving.

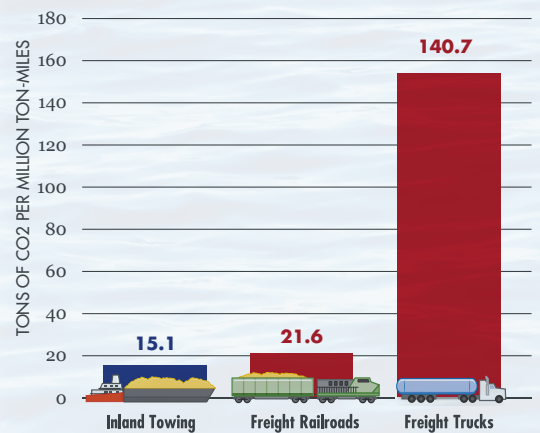


CLEANER and MORE EFFICIENT

Dry Cargo Transportation: 1,750 tons

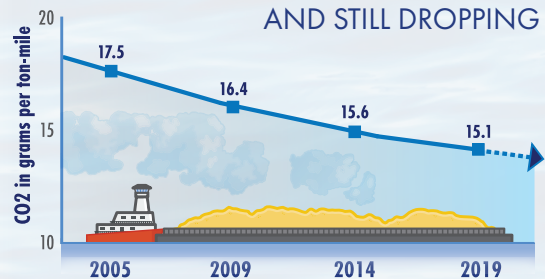


Greenhouse Gas Emissions from Freight Transportation



Figures from Texas A&M Transportation Institute's Center for Ports and Waterways, "A Modal Comparison of Domestic Freight Transportation Effects on the General Public: 2001-2019", January 2022.

15% DROP IN CO₂ EMISSIONS AND STILL DROPPING



Source: Texas A&M Transportation Institute Center for Ports and Waterways



The American Waterways Operators

The Tugboat, Towboat & Barge Industry Association