

THE TUGBOAT, TOWBOAT AND BARGE INDUSTRY

## Committed to Environmental Sustainability

**The tugboat, towboat and barge industry is the greenest mode of freight transport.** The efficiency of barges compared to other transport modes is clear: 1 dry cargo barge can carry the same amount of cargo as 16 rail cars or 70 trucks.

**The lowest carbon footprint of all freight transport modes.**

Barge transportation produces more than 40% less greenhouse gas emissions than rail and more than 800% less than trucks.

**And, we're not stopping there...**

**We take sustainability and stewardship seriously.** Committed to building on the natural advantages of marine transportation, companies from across our industry are investing in technological innovation to further reduce our environmental footprint.

**We're taking active steps to go beyond regulatory requirements to preserve and protect the environment,** including through the development of industry best practices to inform, support and guide companies in the areas of water quality, energy efficiency, air quality, waste management, and corporate responsibility.

Our industry is always focused on continuous improvement, and that includes our efforts to safeguard the natural environment we all depend on. **Sustainability is our commitment.**



### MORE EFFICIENT

Dry Cargo Transportation: 1,750 tons



**1 INLAND BARGE**

**VS.**



**16 BULK RAIL CARS**

**OR**

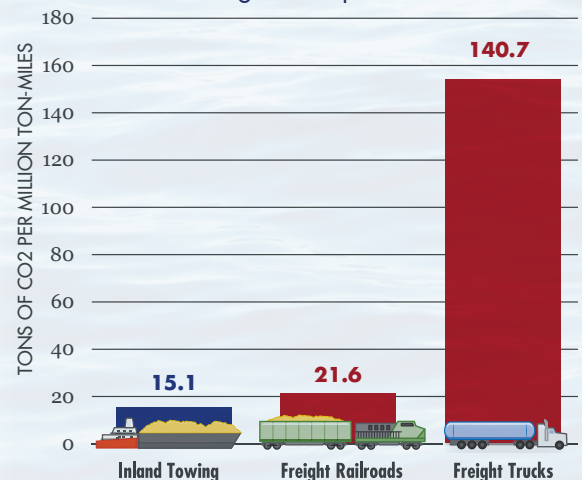


**70 TRACTOR TRAILERS**

**Key** = 5 bulk rail cars = 5 tractor trailers

### CLEANER FOR THE ENVIRONMENT

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.



**The American Waterways Operators**

The Tugboat, Towboat & Barge Industry Association

[www.americanwaterways.com](http://www.americanwaterways.com)