



## A CLEAR CHOICE FOR THE ENVIRONMENT

*Our waterways provide great capacity to ease congestion by carrying cargo that would otherwise travel by truck or rail. In fact, the annual traffic on America's inland navigation system carries the equivalent of 58 million truck trips per year.*

A typical cargo barge can carry significantly more cargo than a single truck or rail car, making it a mode of transportation that can keep commerce on the move, saving energy and safeguarding our environment.

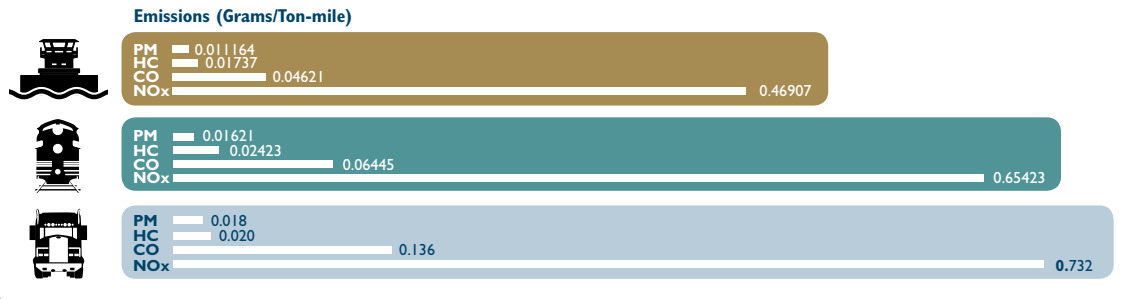
Barge transport is the most energy-efficient way to move commodities such as coal, grain, iron, steel, aggregates, petroleum and chemical products. And by moving these products on America's inland navigation system, emission comparisons show that fewer air pollutants are generated.

### Capacity Comparison

| Modal Freight Use       | Standard Capacity |
|-------------------------|-------------------|
| Barge Dry Bulk          | 1,750 Tons        |
| Rail Bulk Car           | 110 Tons          |
| Highway Tractor-Trailer | 25 Tons           |

*Moving cargo on our inland waterways keeps our air cleaner.*

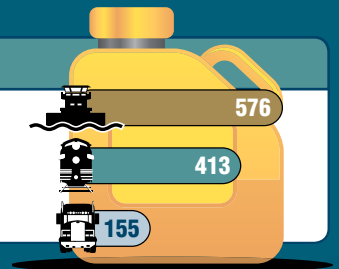
### Ensuring Cleaner Air



PM = Particulate matter HC = Hydrocarbons CO = Carbon monoxide NOx = Nitrogen oxides

### Saving Energy

Barges can move one ton of cargo 576 miles per gallon of fuel. A rail car would move the same ton of cargo 413 miles, and a truck only 155 miles.



**Ton-miles Traveled per Gallon of Fuel**



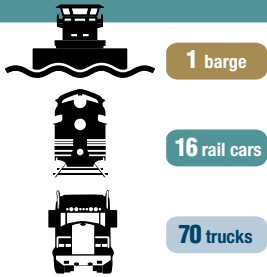
**WATERWAYS**  
COUNCIL, INC.

*Waterways Council, Inc. is the national public policy organization advocating a modern and well-maintained national system of ports and inland waterways.*

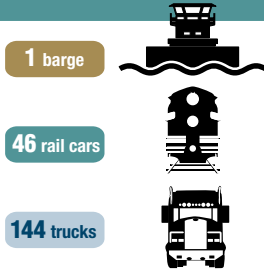
## BARGES PULL THEIR WEIGHT

One common barge tow carries the load of hundreds of rail cars or trucks. As a mode of transportation, inland waterways have the capacity to transport today's bulk commodities and intermodal cargo, and are prepared to accommodate cargo diverted from overcrowded highways and railways in the future.

### Units to Carry 1,750 Short Tons of Dry Cargo



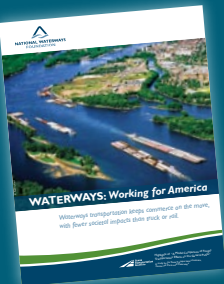
### Units to Carry 27,500 Barrels of Liquid Cargo



One loaded covered hopper barge carries 58,333 bushels of wheat, enough to make almost 2.5 million loaves of bread.



A loaded tank barge carries 27,500 barrels of gasoline, enough to keep about 2,500 automobiles running for an entire year.

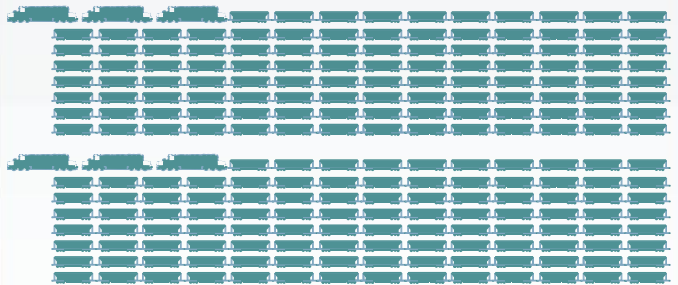


Statistics provided by the National Waterways Foundation from a study conducted by the Texas Transportation Institute. A copy of this report, titled *Waterways: Working for America* can be found on the Foundation's website: [www.nationalwaterwaysfoundation.org](http://www.nationalwaterwaysfoundation.org)

### One 15-Barge Tow



### 216 Rail Cars + 6 Locomotives



### 1,050 Large Semi Tractor-Trailers

