

Advantages of INLAND WATERWAYS TRANSPORT



US Army Corps of Engineers®
St. Paul District

CARGO CAPACITY OF TYPICAL MODES OF TRANSPORTATION



ONE BARGE
1,750 ton
58,333 bushels
1,555,000 gallons



ONE 15-BARGE TOW
26,250 ton
874,995 bushels
23,325,000 gallons



ONE RAIL CAR
110 ton
4,000 bushels
33,870 gallons



ONE 108-CAR TRAIN
11,880 ton
400,000 bushels
3,387,000 gallons



ONE LARGE SEMI
25 ton
910 bushels
7,865 gallons

BARGE vs EQUIVALENT TRANSPORTATION

ONE 15-BARGE TOW



6 LOCOMOTIVES & 216 RAIL CARS



1,050 LARGE SEMIS/TRACTOR TRAILERS

1 Truck Below = 10 Trucks



ONE 15-BARGE TOW
0.25 mile

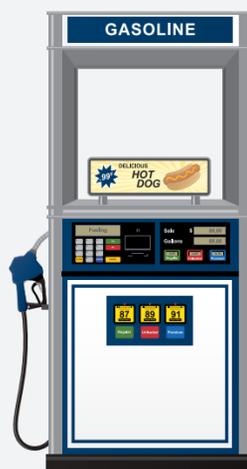


TWO 108-CAR TRAINS
2.6 miles



1,050 LARGE SEMIS
13.9 miles
bumper to bumper

Waterways transportation keeps our nation's commerce on the move in the safest, most fuel-efficient, environmentally sound way.



Barges can move one ton of cargo 647 miles per gallon of fuel. A rail car would move the same ton of cargo 477 miles, and a semi truck only 145 miles.



647 Miles



477 Miles



145 Miles

Ton-miles traveled per gallon of fuel

Barges have the smallest carbon footprint among other transportation modes.



15.6

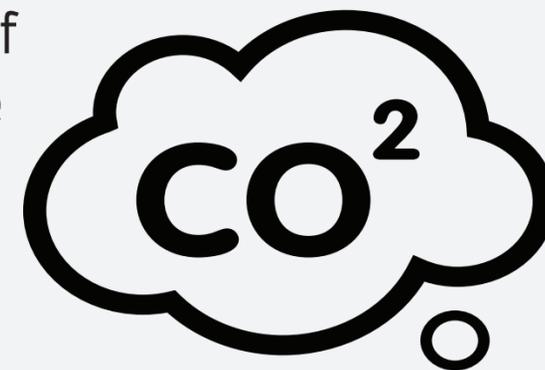
Metric Tons of Green House Gas per Million Ton-Miles



21.2



154.1



1 barge holds 58,333 bushels of grain which is enough to make 2,449,986 1.5 lb. loaves of bread



Information courtesy of the National Waterways Foundation

