

EPA Locomotive Emissions Regulation and Goods Movement

Michael J. Rush

Association of American Railroads

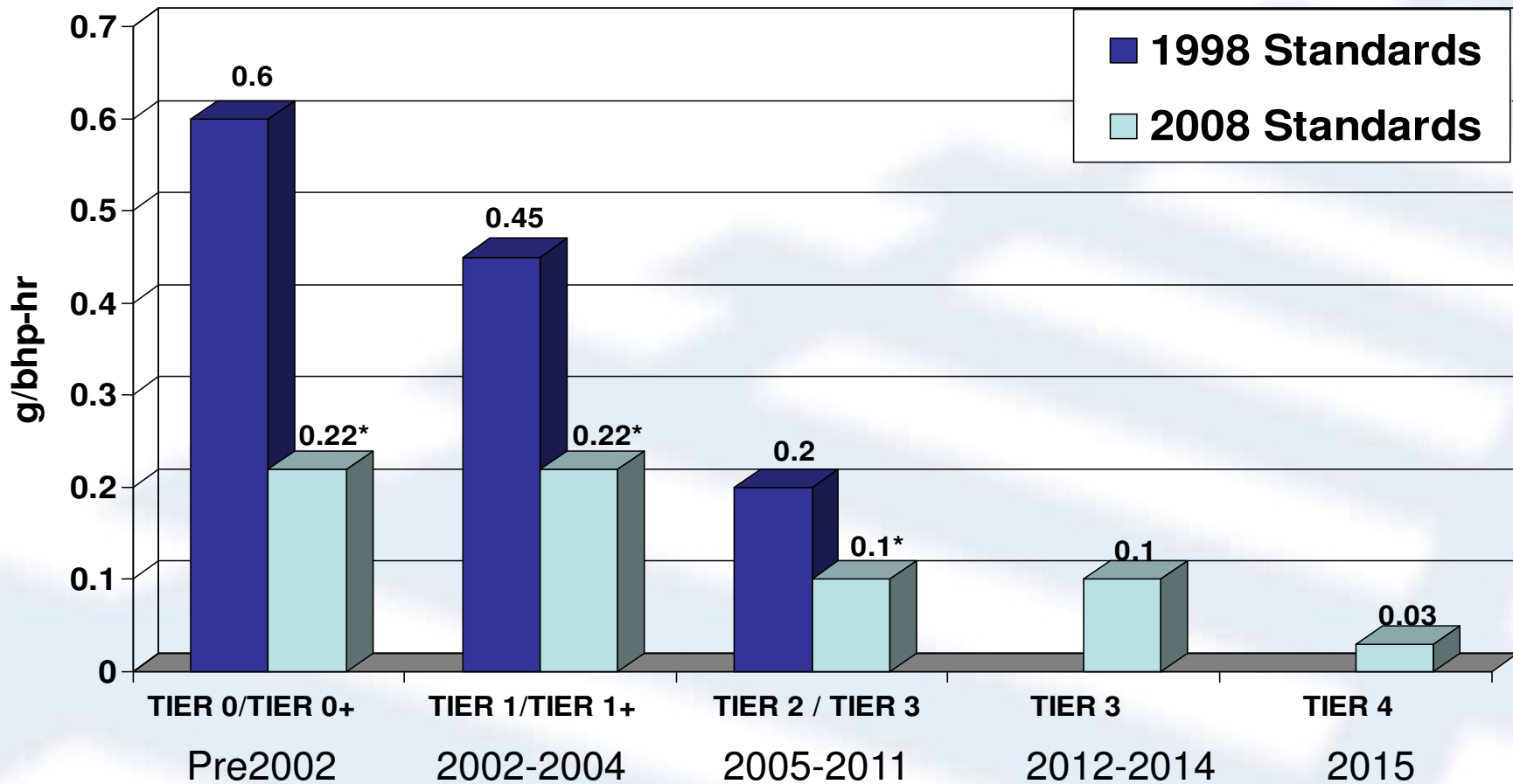
FFCA

July 8, 2008

Freight Rail Works.



EPA Line-Haul PM Standards



% Reduction from uncontrolled levels

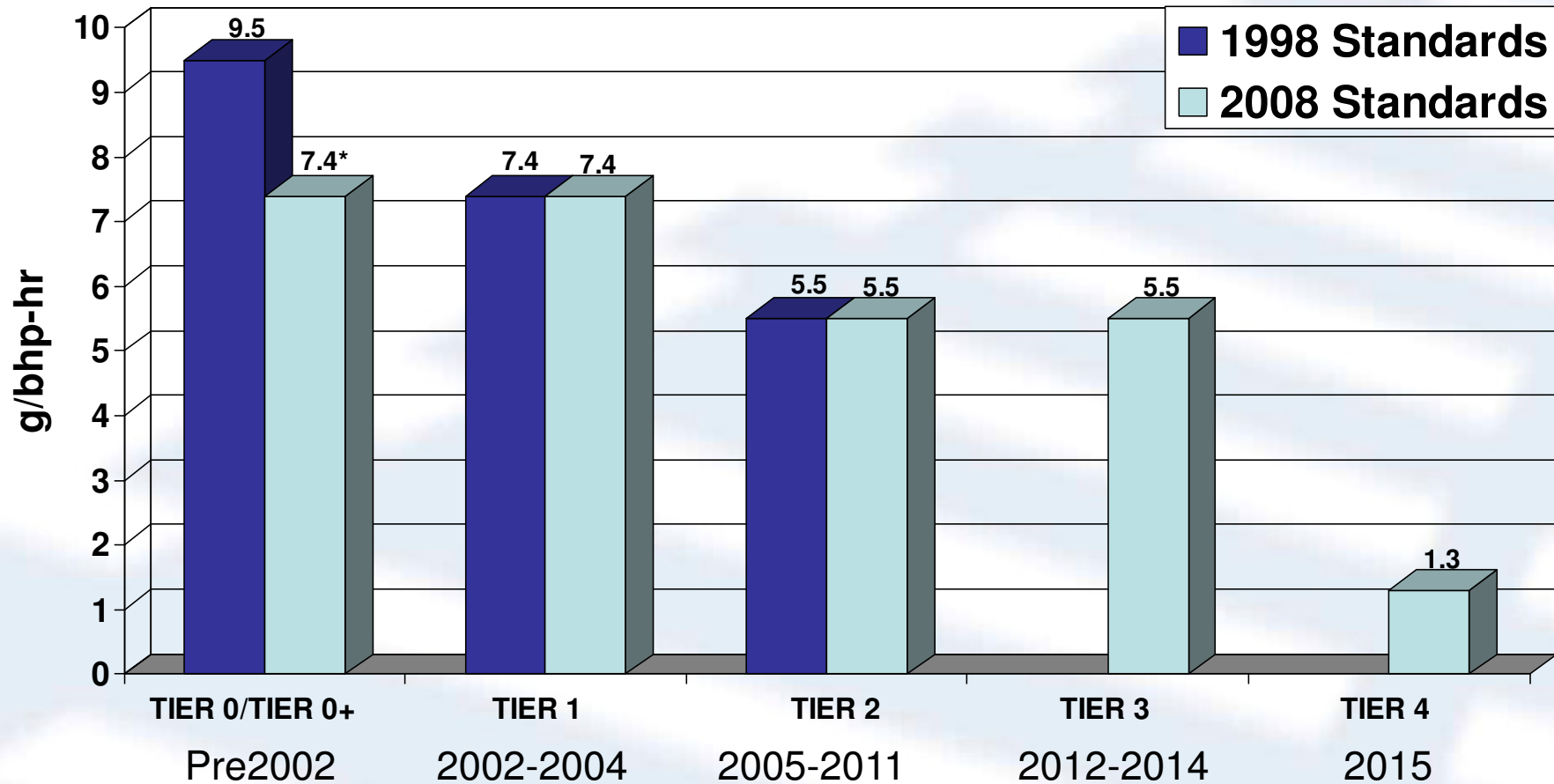
↓ 69%

↓ 91%

Freight Rail Works.



EPA Line-Haul NOx Standards



% Reduction from uncontrolled levels

↓ 58%

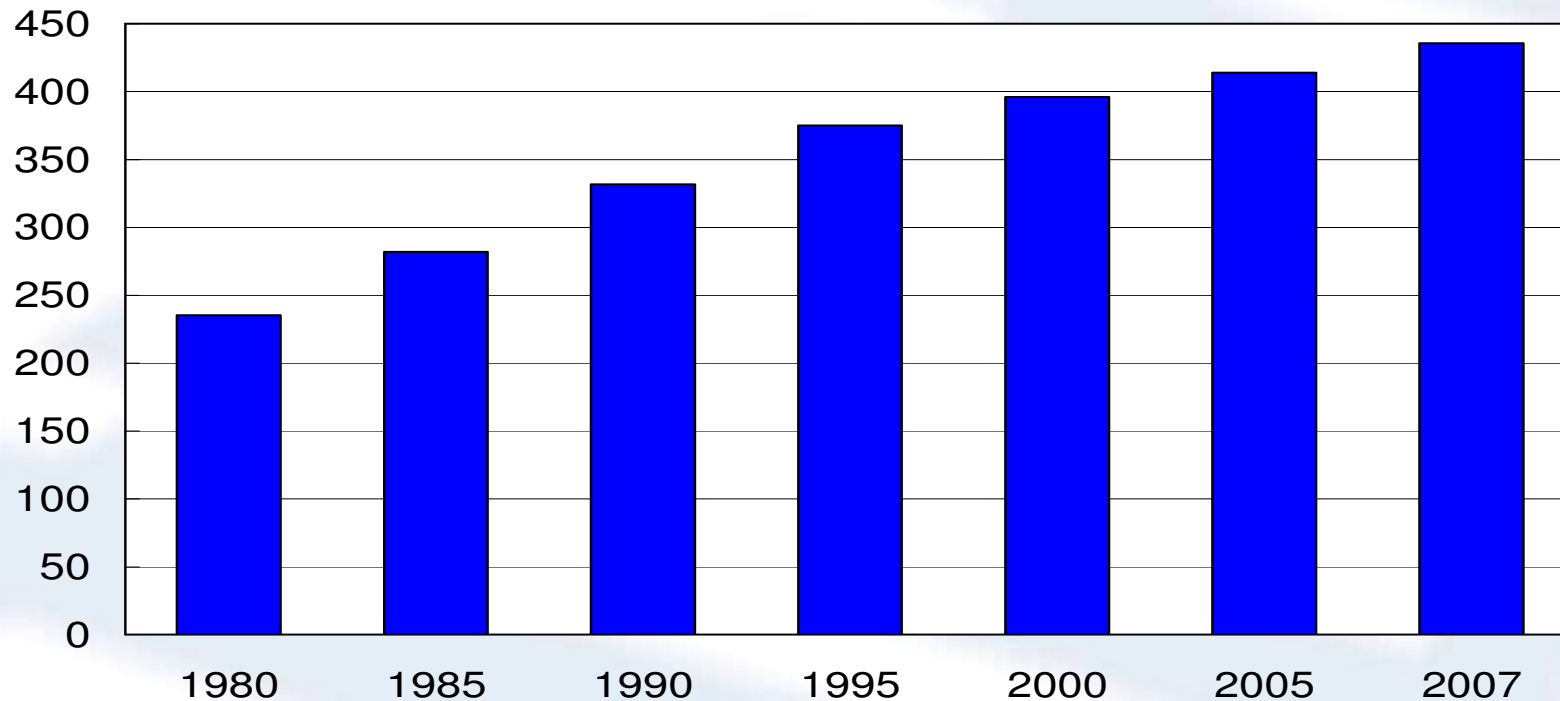
↓ 90%

Freight Rail Works.



RRs Are Efficient

On Average, U.S. Freight Railroads Move a Ton of Freight 436 Miles Per Gallon of Fuel

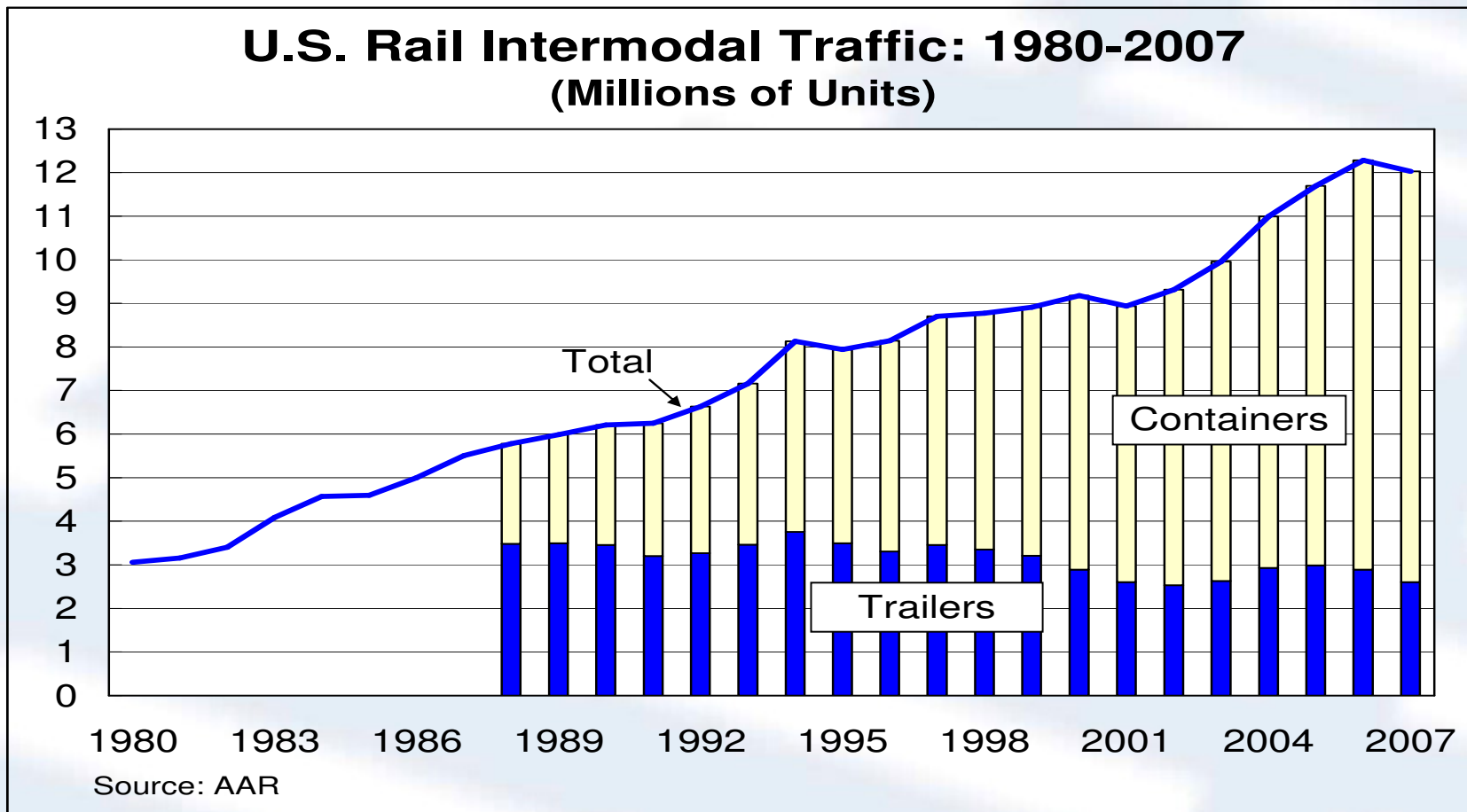


Source: AAR

Freight Rail Works.



Intermodal Is Increasing

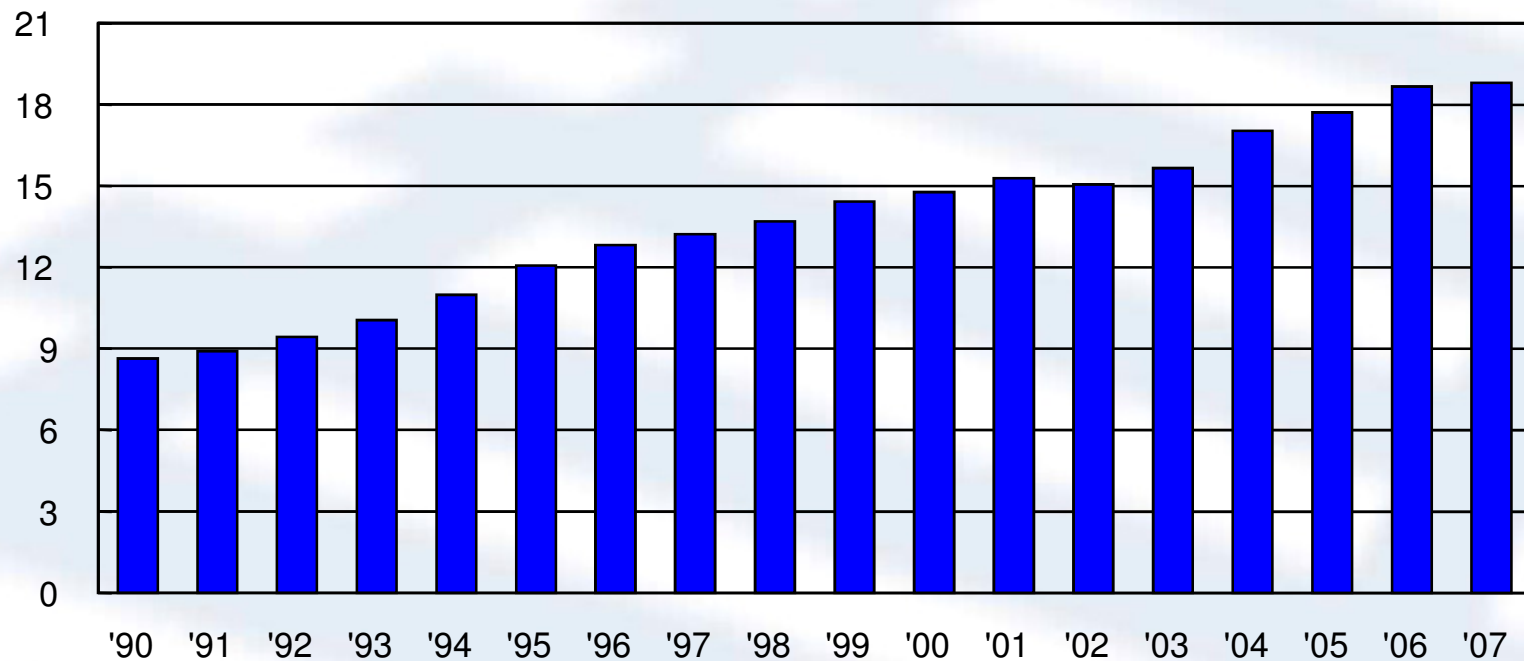


Freight Rail Works.



Tight Capacity

Millions of Class I Railroad Ton-Miles Per Route-Mile Owned

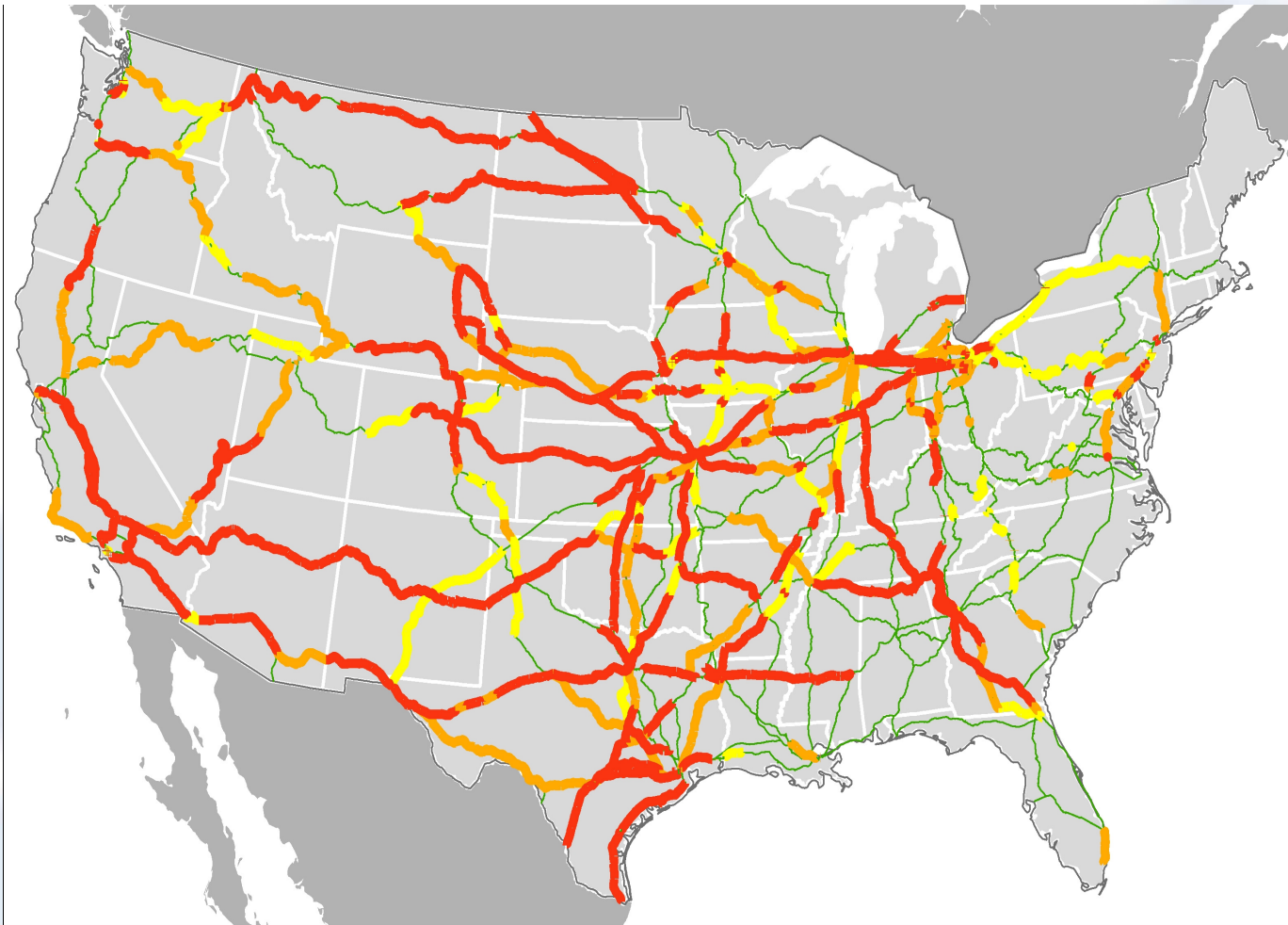


Source: AAR

Freight Rail Works.



Corridor Capacity Projection 2035 without improvements



-  Below capacity
-  Near capacity
-  At capacity
-  Above capacity

Freight Rail Works.

