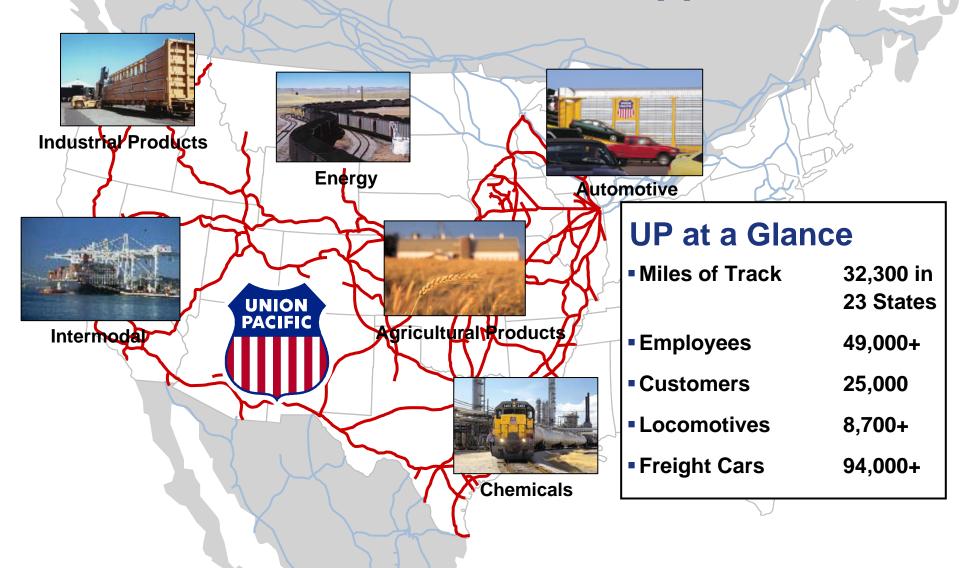


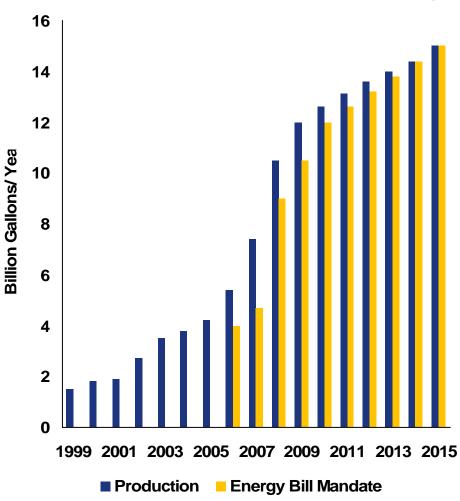
UP Franchise – Tremendous Opportunities



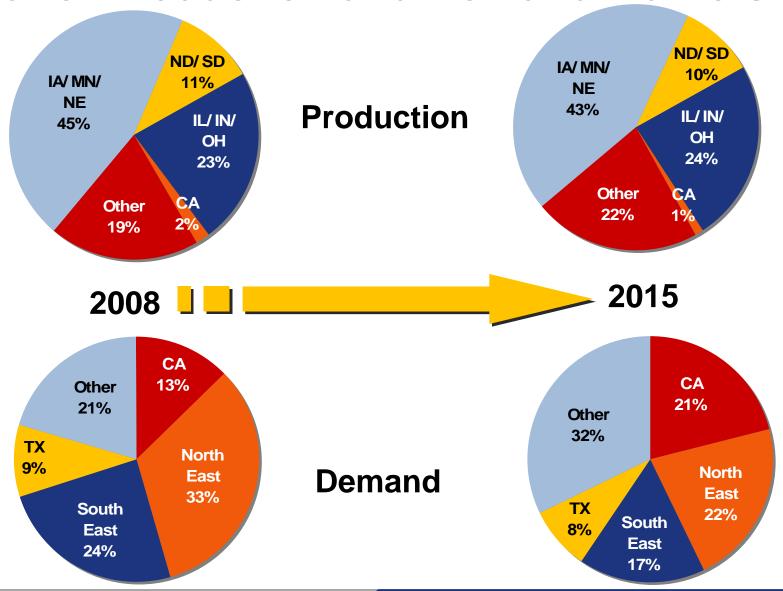
Ethanol Demand Drivers

- RFS Mandate
 - Political
- MTBE
 - Ban
 - Liability
- Extend Gasoline Stocks
 - Economics
 - Limited Refining Capacity
- Octane Efficiency

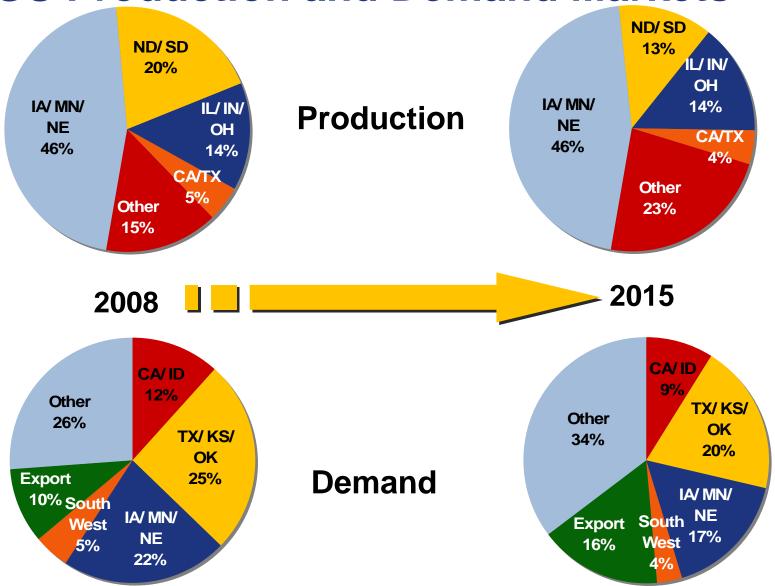




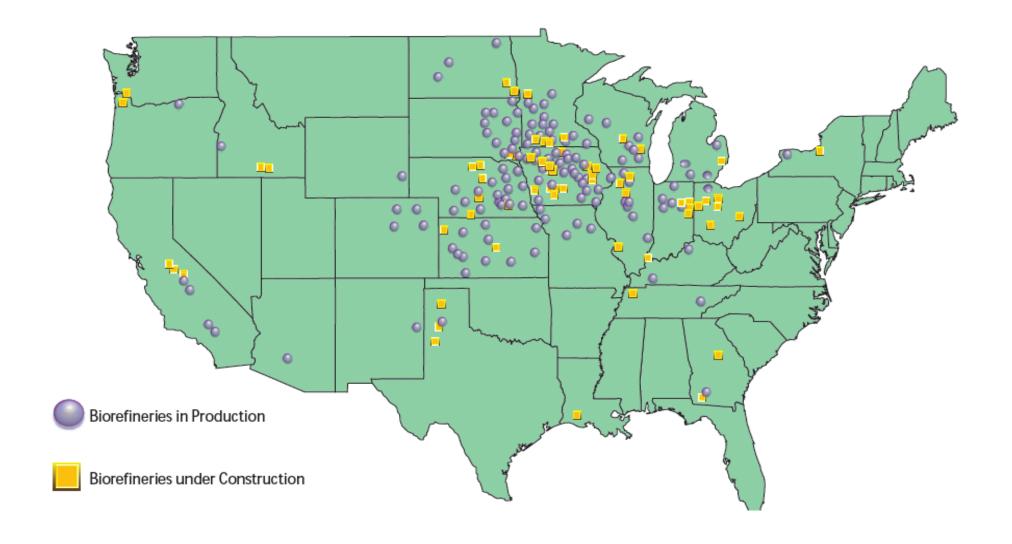
Ethanol Production and Demand Markets

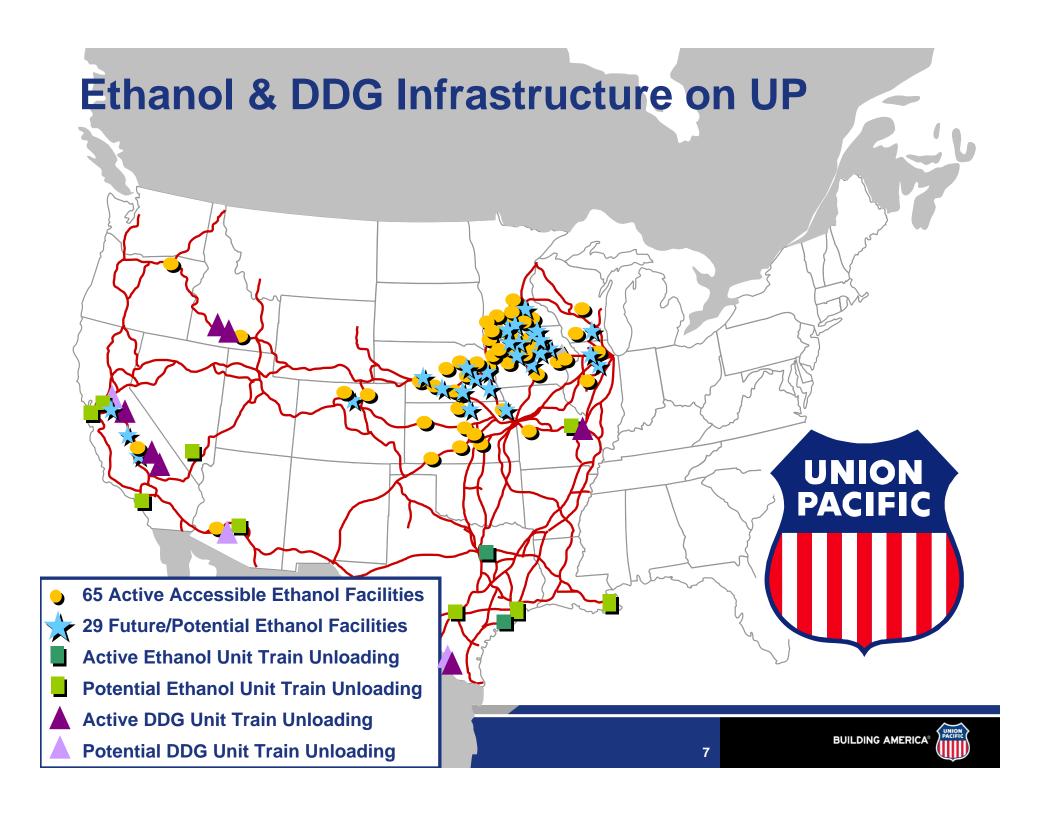


DDGS Production and Demand Markets



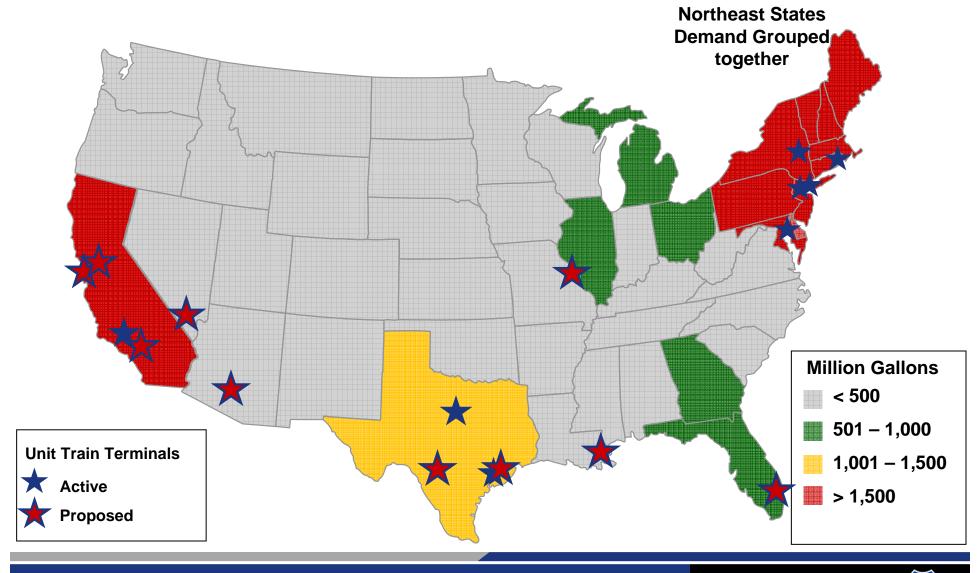
US Ethanol Biorefinery Locations





Key Ethanol Consumptive Markets

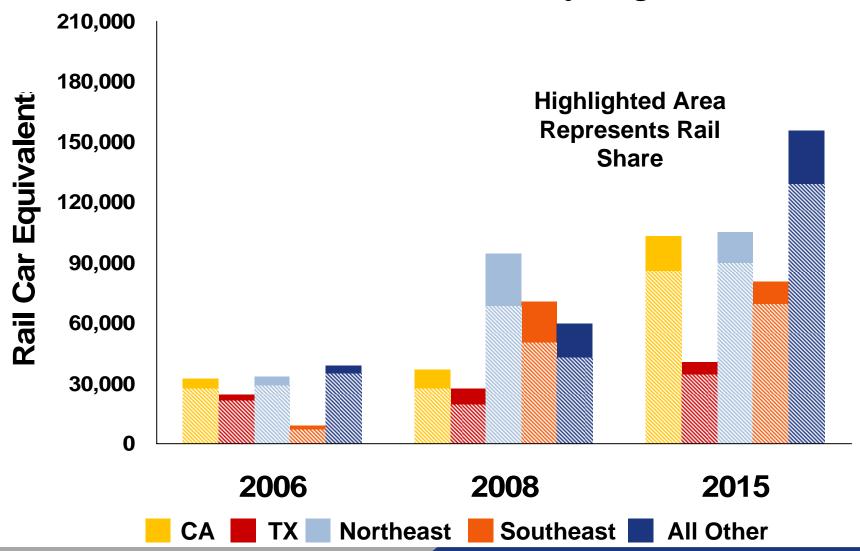
Million Gallons Per Year - E10 Demand



BUILDING AMERICA®

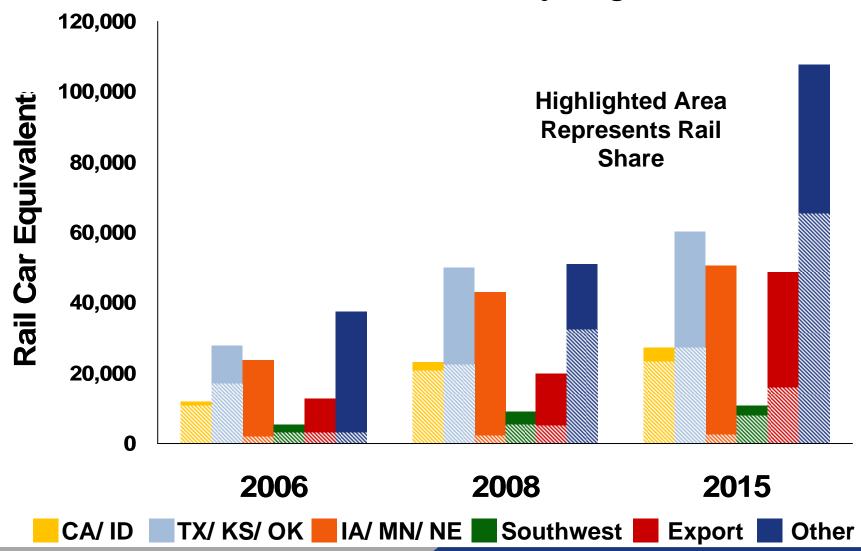
Ethanol Supplied by Rail

Rail Share of Total Ethanol Demand by Region



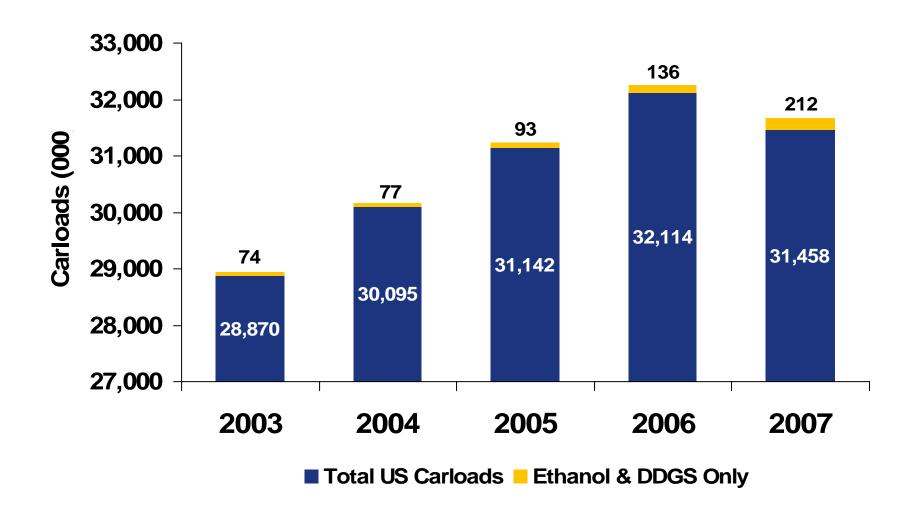
DDGS Supplied by Rail

Rail Share of Total DDGS Demand by Region



Ethanol & DDGS Impact on US Rail Volume

2003 - 2007



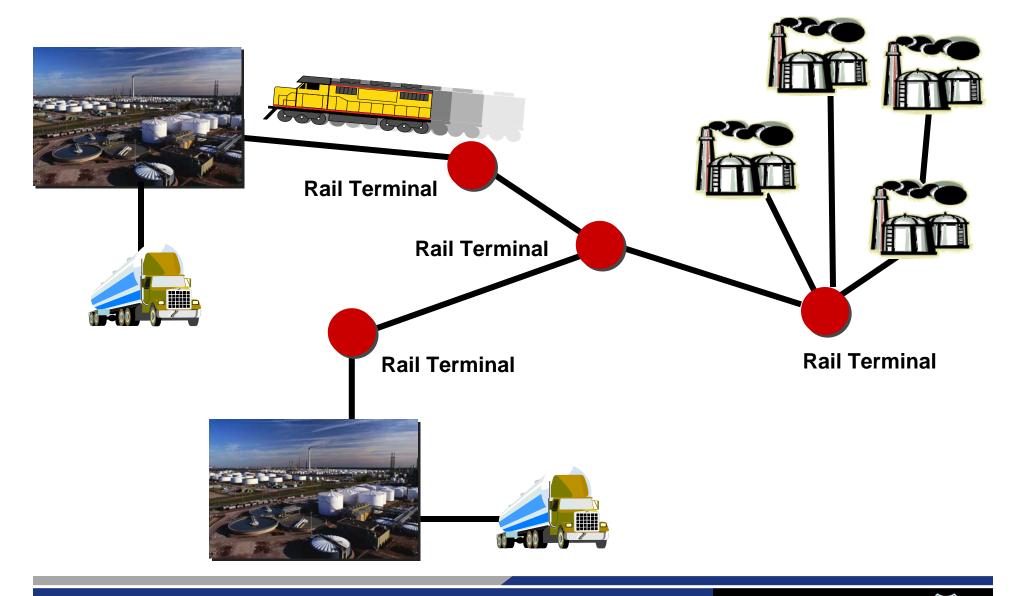
Ethanol Supply Chain Components

- Production Plant
 - 55 MGY generates 5 cars each of ethanol and DDGS per day
 - Track infrastructure
- Tank Cars
- Rail Network
 - Manifest/Gathered-Combo/Unit
 - Terminal Yards/Line haul
- Unload Terminal
 - Unload System and Tank Storage
- Truck Rack

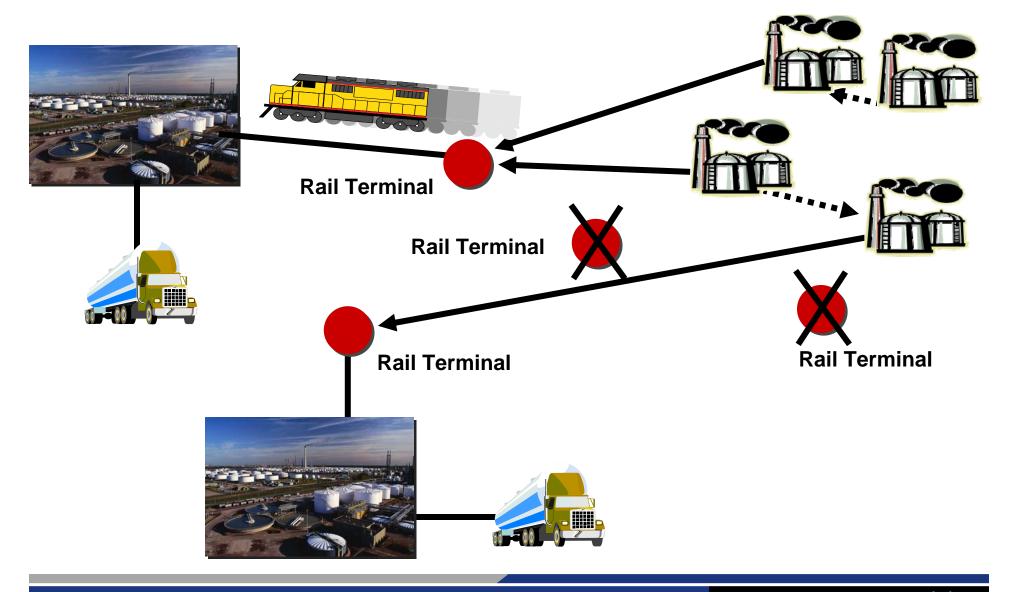
Ethanol Origin Terminal



Ethanol Manifest Pipeline



Ethanol Unit Train Pipeline



DFW Rail Terminal



Truck Rack



DDGS Destination Terminal

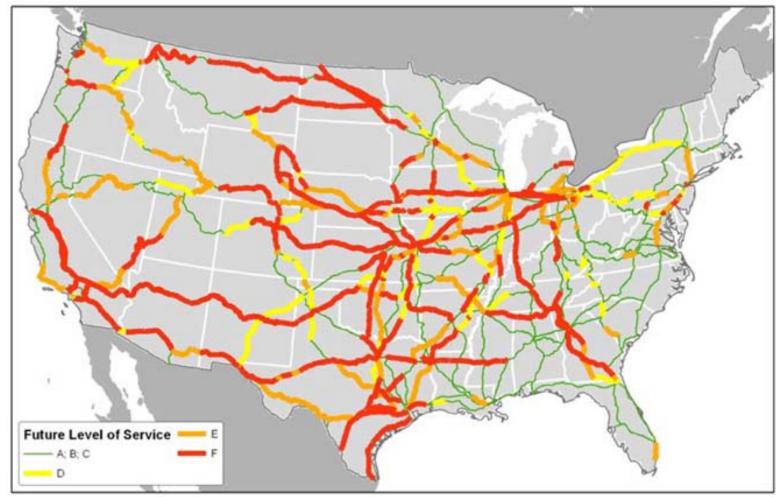


Potential Ethanol Supply Chain Constraints

- Rail Line Capacity
- Rail Terminal/ Yard Capacity
- Unit vs Manifest Shipments
- Terminal Unload Capacity
- Pipeline Management
- Tank Cars
- Storage Capacity

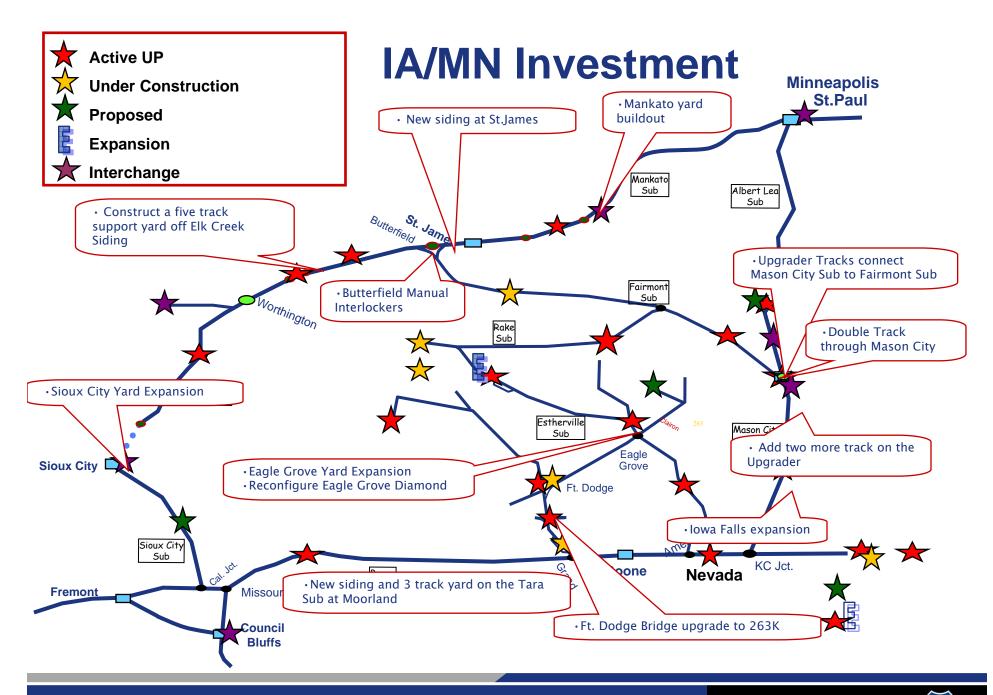
Future Corridor Volumes Compared to Current Corridor Capacity

2035 Without Improvements



Note: Volumes are for the 85th percentile day

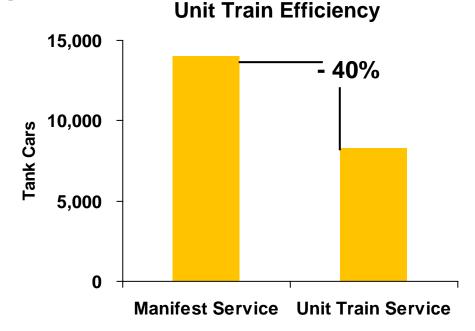


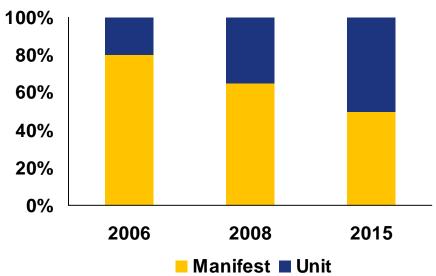


Unit Train Efficiencies

Efficiency Example Assumptions

- Using 2007 AAR Ethanol data
- 40% Reduction in Tank Cars if Volume Moved Via Unit Trains

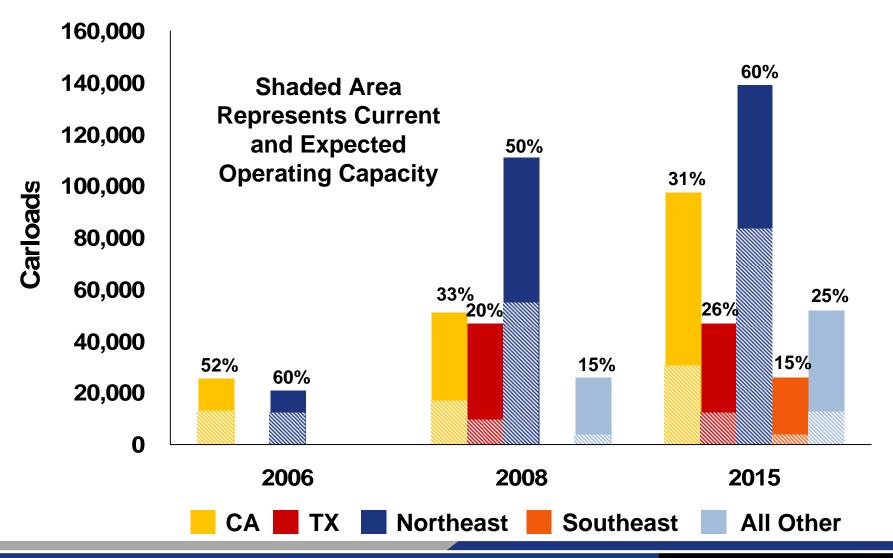




Unit vs Manifest Breakdown for US Ethanol Industry

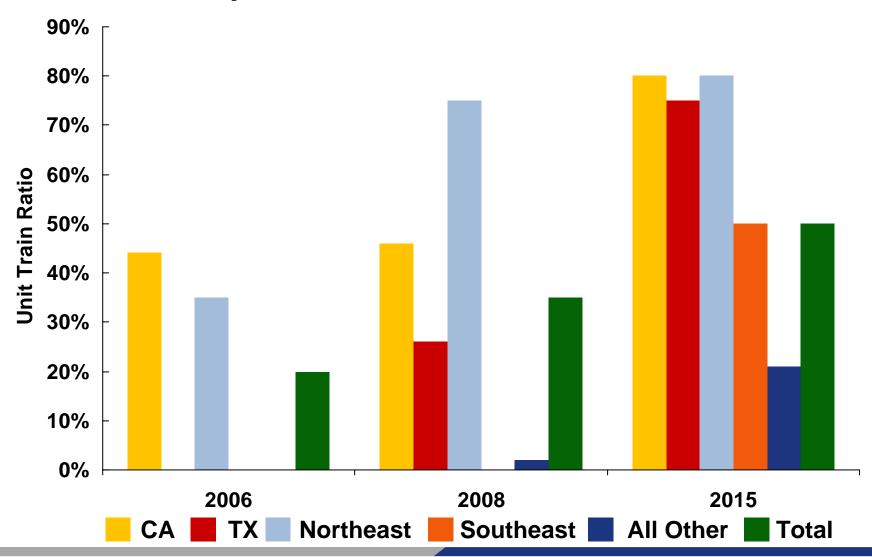
Estimated Unit Train Terminal Capacity

Maximum vs Current or Forecasted

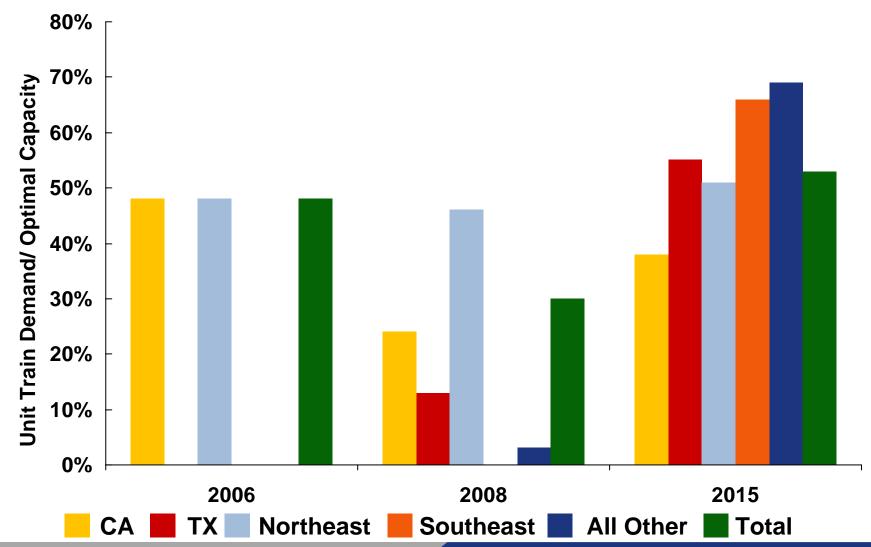


Estimated Ethanol Unit Shipments

Unit Train as a percent of total



Estimated Unloading Capacity Utilized by Unit Train Demand



Constraints

Constraint	2006	2008	2015
Tank Cars			
Terminal Load out			
Unit vs Manifest Shipments			
Rail Terminal/ Yard Capacity			
Rail Line Capacity			
Terminal Unload Capacity			
Storage Capacity			



