

# Supply Chain Trends in Intermodal







Ken Miller  
VP Operations



# SERVICE REVIEW: MARKET SHARE

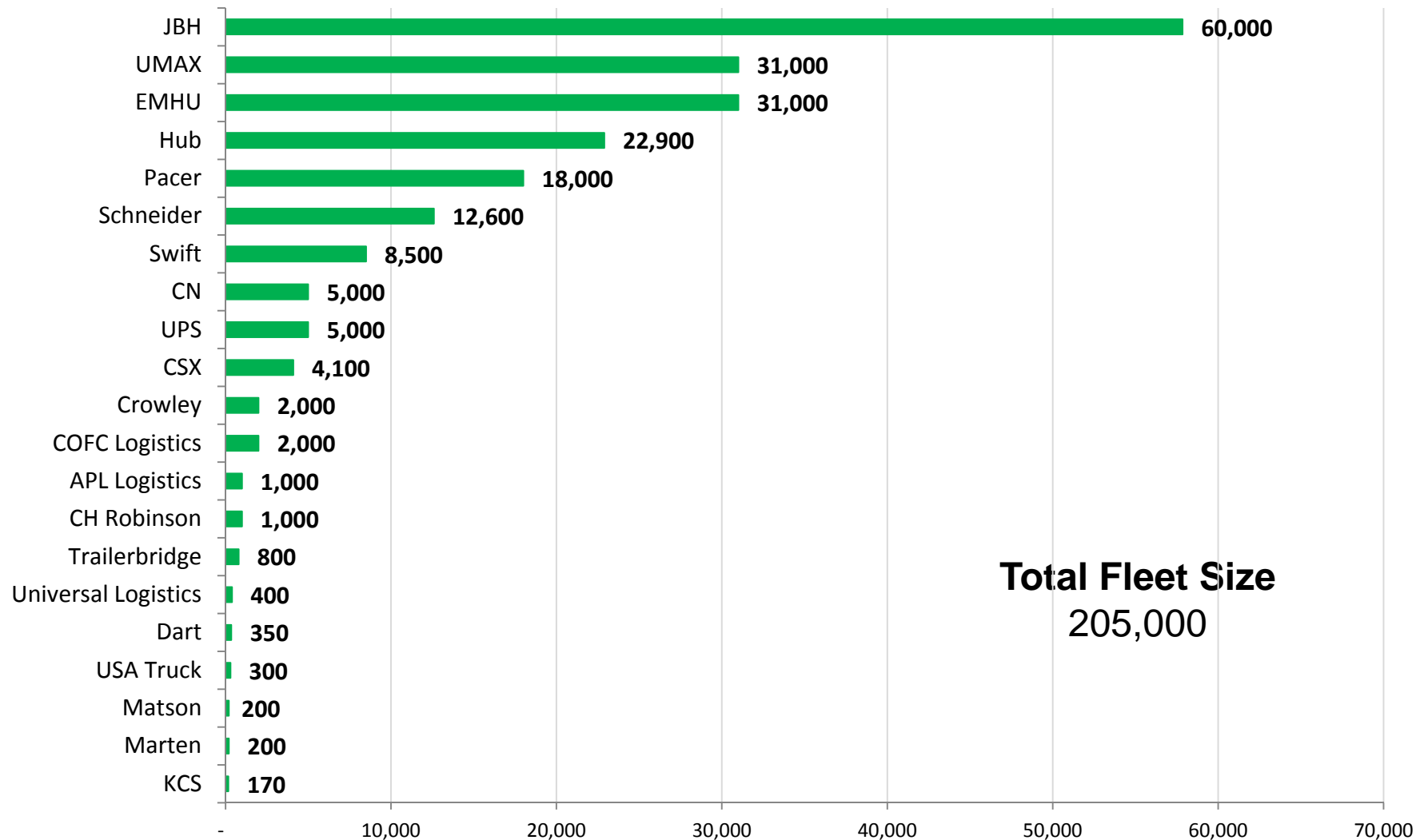
- ▶ Market overview (segment specific)
  - Market size: \$12 Billion
  - Capacity: 205,000 53-foot Containers
  - Industry outlook: Growing at > 7%
- ▶ Our position
  - 25 - 28% of overall market (revenue and/or capacity)
- ▶ Opportunities
  - *Highway Conversion*
  - Customer Deliveries
  - New Services – Canada/Mexico/Eastern Network Expansion
- ▶ Roadblocks
  - Market Share
  - Competitor Actions

# Intermodal Rail Carrier Industry Comparison

|   | INTERMODAL<br>VOLUME<br>2011 | SALES<br>APPROACH           | EQUIPMENT<br>OWNER<br>Type                    | CAPACITY                 | LARGEST<br>SEGMENT<br>by volume |
|---|------------------------------|-----------------------------|---|--------------------------|---------------------------------|
|    | 4.5 M                        | BNSF<br>& Motor<br>Carriers | Motor<br>Carriers<br>Trailers &<br>Containers | Unlimited                | Intermodal                      |
|    | 3.3 M                        | IMC                         | Rail<br>Owned<br>Containers                   | Limited by<br>fleet size | Industrial<br>Products          |
|  | 2.3 M                        | IMC & Motor<br>Carriers     | Rail<br>Owned<br>Containers                   | Limited by<br>fleet size | Industrial<br>Products          |
|  | 3.2 M                        | IMC & Motor<br>Carriers     | Rail<br>Owned<br>Containers                   | Limited by<br>fleet size | Coal                            |

# Estimated 53' Domestic Container Fleet by Owner

North American 53' Domestic Container Fleet Size by Owner



# Who are the players?

## ▶ Union Pacific Based Providers

- Hub Group (Red, White, or Green Containers)
- EMP Rail Owned Equipment (White or Green Containers)
- UMAX (Blue Containers / Yellow and White Lettering)
- PACER (Blue Containers)
- 100's of IMC Competitors (Intermodal Marketing Company)
- Largest Mexico Presence

## ▶ BNSF Based Providers

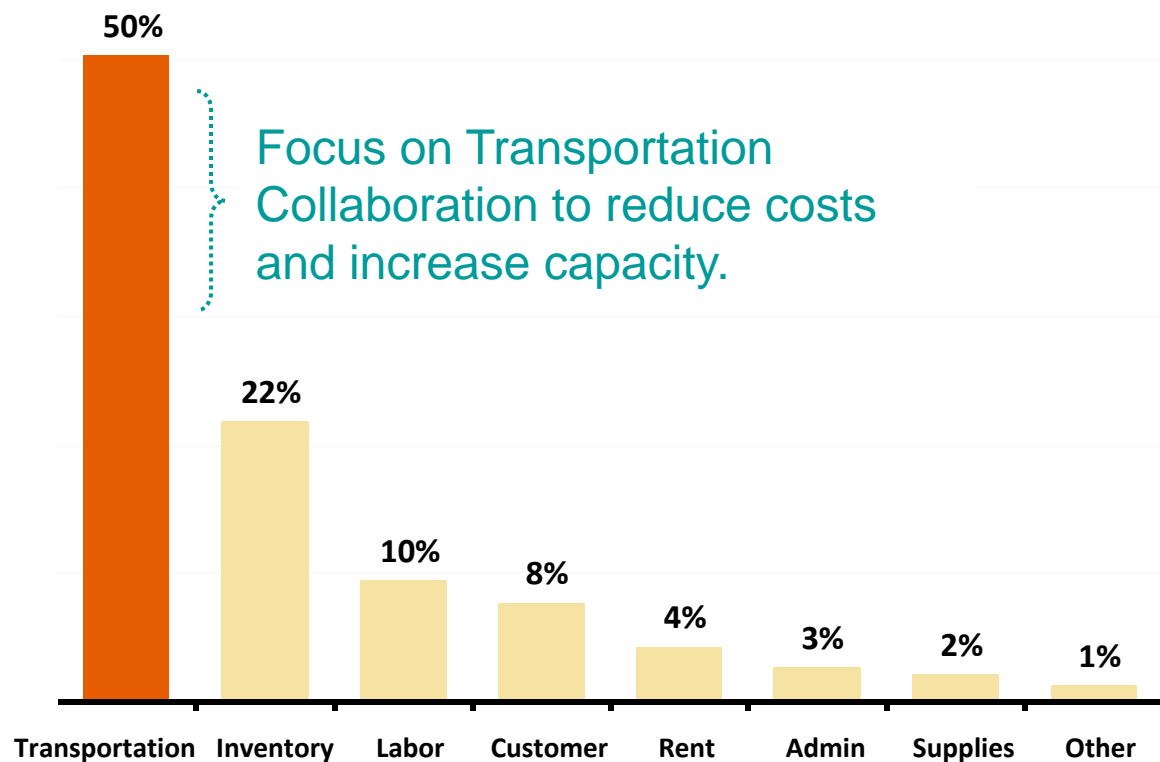
- Schneider
- Swift

## ▶ *First Priority is Highway Conversion*

# Supply Chain Opportunities

Transportation is generally the greatest cost in the supply chain.

## LOGISTICS COST BREAKDOWN



Source: Establish, Inc/Herbert W. Davis and Company 2006 Database

# Today's Supply Chain Landscape

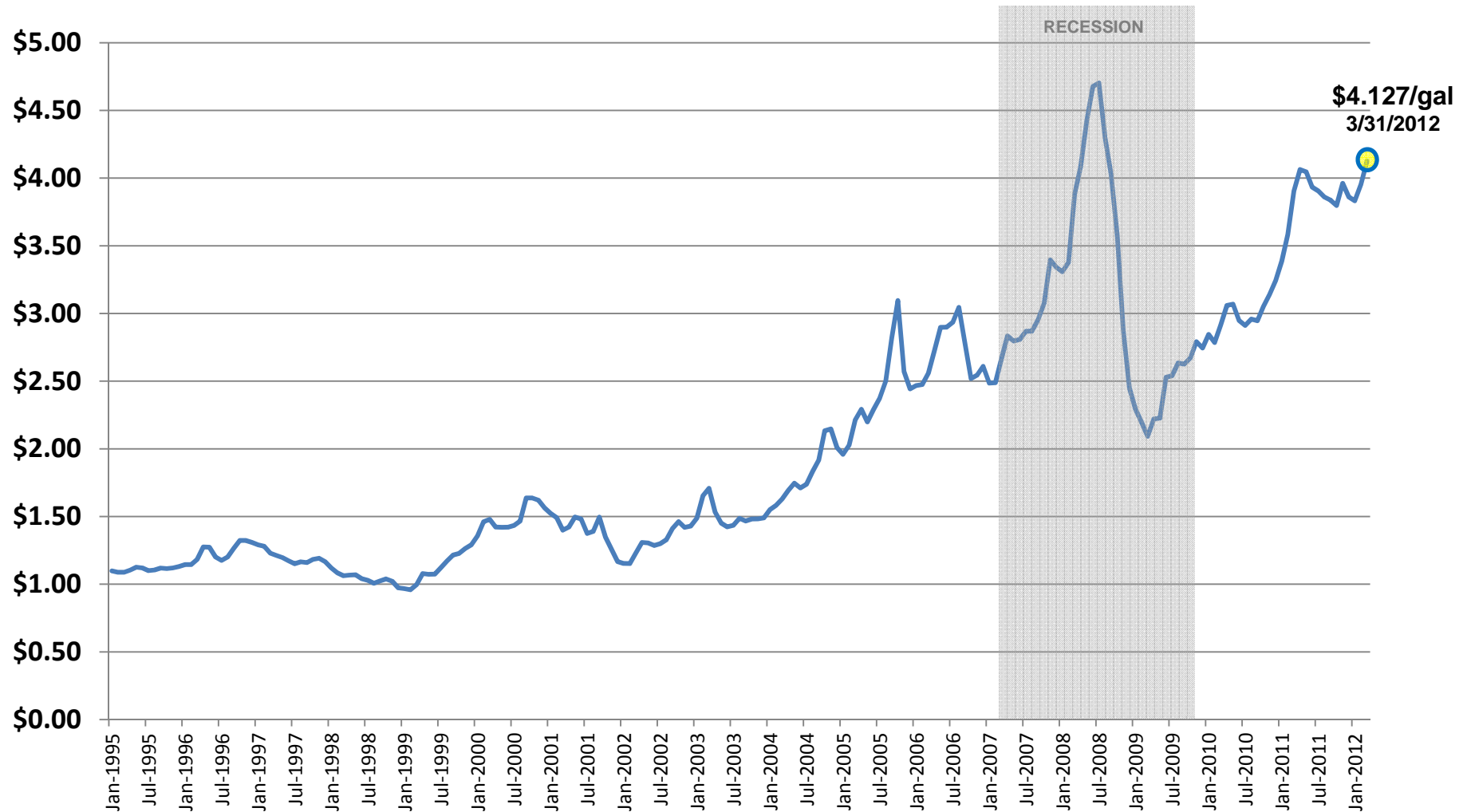
- ▶ Shippers are looking for partners with flexible, comprehensive, value added solutions
- ▶ Steadily increasing freight demand
- ▶ Truckload capacity continues to tighten
- ▶ Supply/demand balance becoming an issue
- ▶ Intermodal volumes continue to rise and take highway share
- ▶ Diesel prices remain elevated

# Top Supply Chain Challenges *(Next 2-5 Years)*

- ▶ Tightening driver market
- ▶ Government regulations
  - CSA      EOBR mandates      Hours of Service      CARB
- ▶ Aging equipment leads to replacement at higher cost basis
- ▶ Highway infrastructure – congestion and deterioration
- ▶ Access to capital
- ▶ Fuel
- ▶ Managing Budgets



# Fuel is Gaining Executive Visibility in Freight Costs

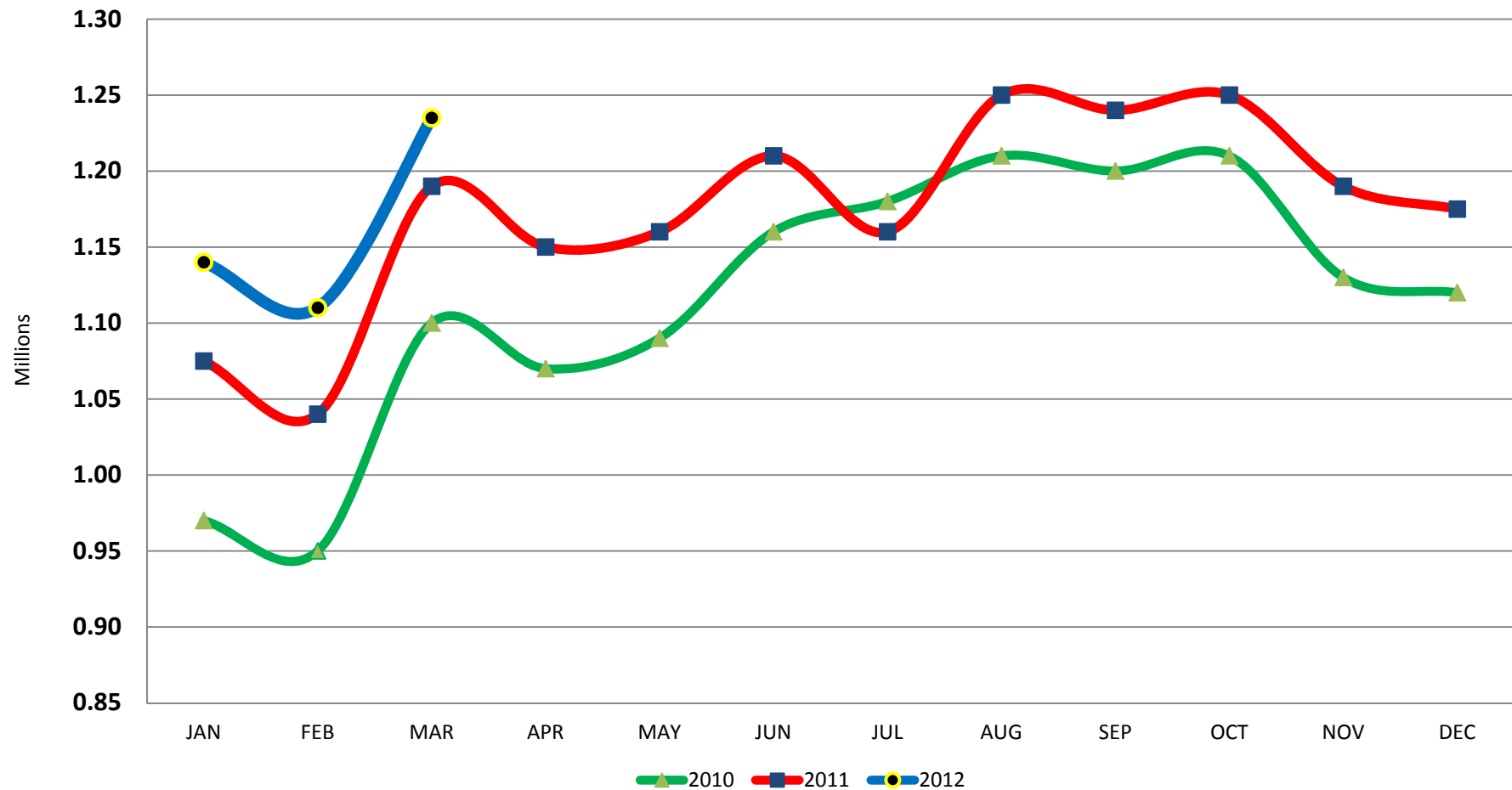


Source: U.S. Dept. of Energy (EIA)



# Intermodal Remains Attractive

Yearly Intermodal Traffic Totals



Source: IANA Intermodal Market Trends and Statistics



# Intermodal Benefits Are Driving Change

## Shippers, Carriers, Environment

- Economical
- Expanding capacity
- Greener shipping
- Less congestion
- Better jobs



# What Freight Moves Intermodal Today?

## Types of Intermodal Shipments

- Import shipments
- Inbound to DC and Outbound to Store
- Consolidation
- Temp-Controlled
- Flatbed





# So Why Hasn't More Freight Been Converted?

## Some Shippers Say...

- “I had a bad experience with Intermodal 15 years ago.”
- “Shipping requirements won't allow Intermodal.”
- “Intermodal transit is slow and variable.”
- “Won't work for my customers.”