

Corporate Sustainability

Analyst Day 2018



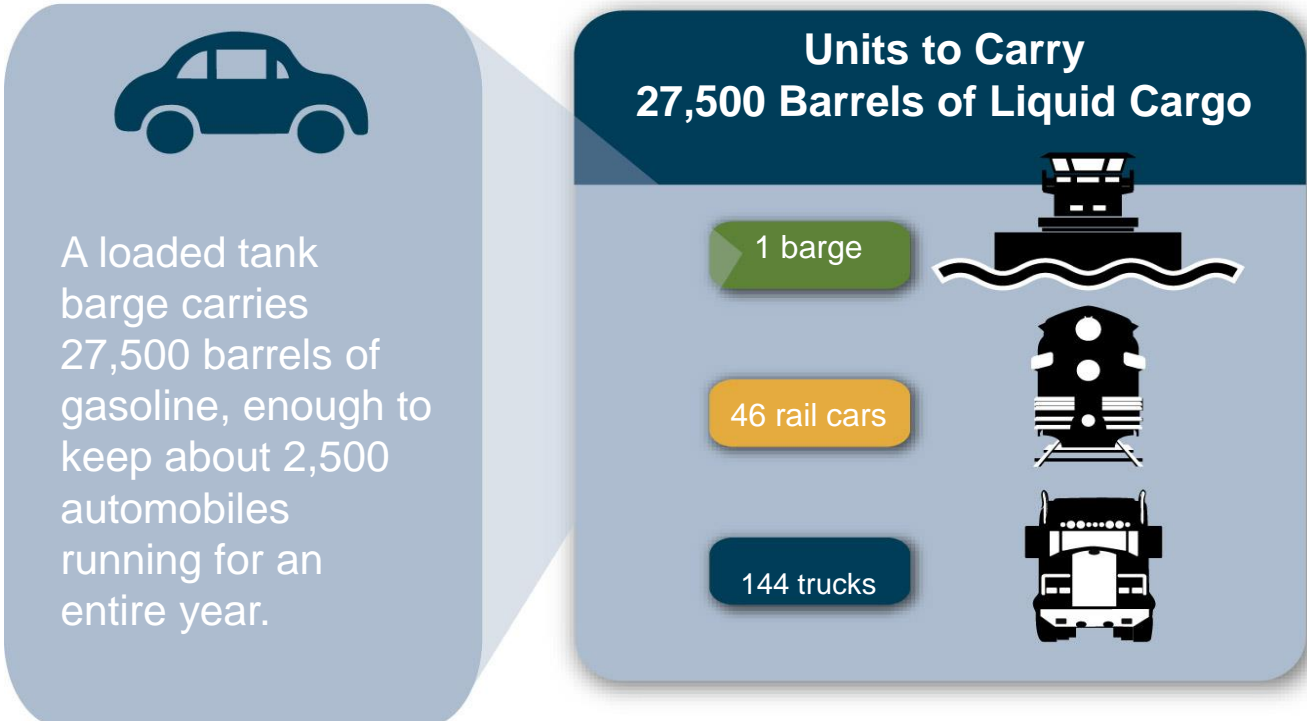
Sustainability is integral to our Corporate Culture:

“Do the Right Thing” is a key Kirby value

- At Kirby, sustainability is not a program, it is an attitude
 - From an environmental and human impact perspective, safety is the foundation
 - Zero Harm:
 - No harm to people
 - No harm to the environment
 - No harm to equipment
 - Our philosophy is that we are managing for success in perpetuity
 - We invest in training and developing our workforce
 - We promote sound public policy for our industry segments

Marine Transportation is a Good News Story

Marine transportation is the cleanest, safest and most efficient mode of surface transportation in the U.S., with far fewer impacts on the population than truck or rail.

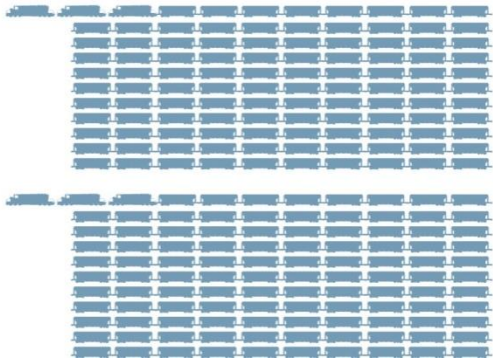


Barge Tows Move More Cargo...

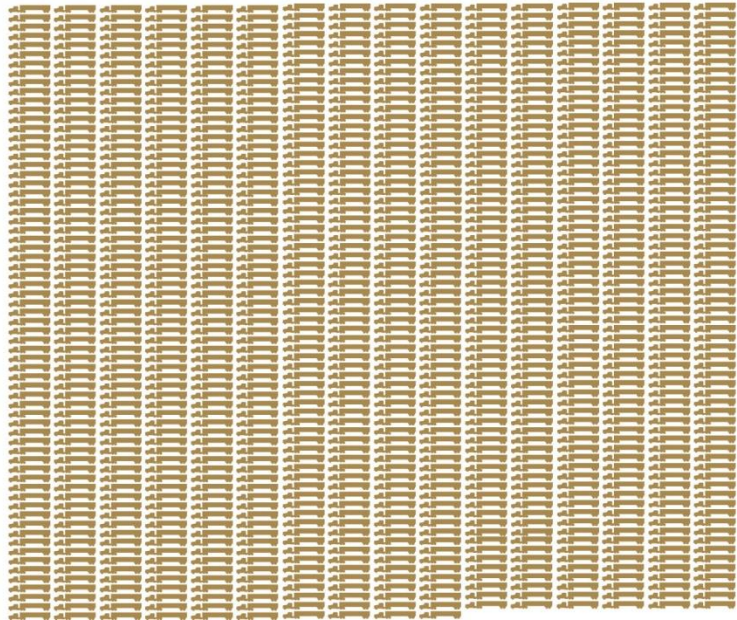
One 15-Barge Tow



216 Rail Cars + 6 Locomotives

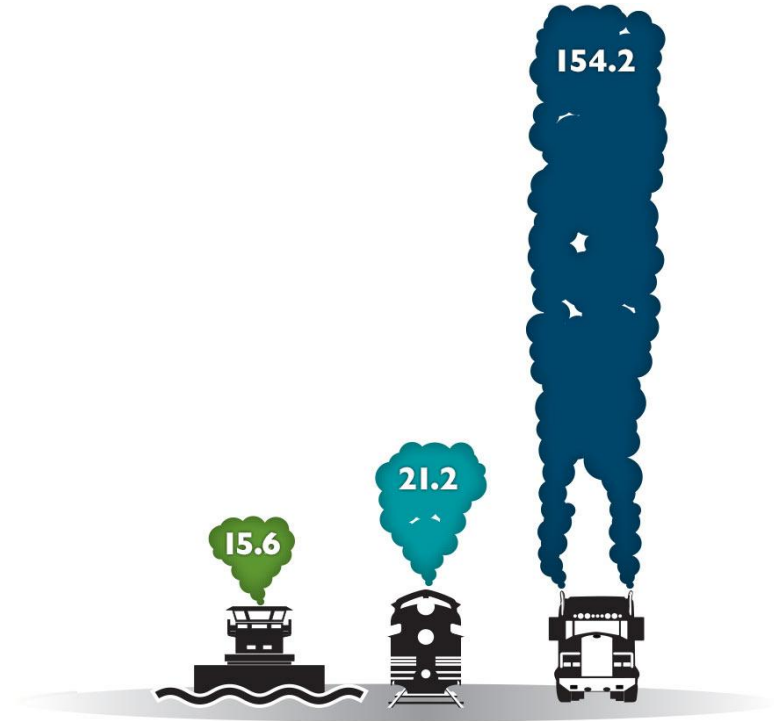
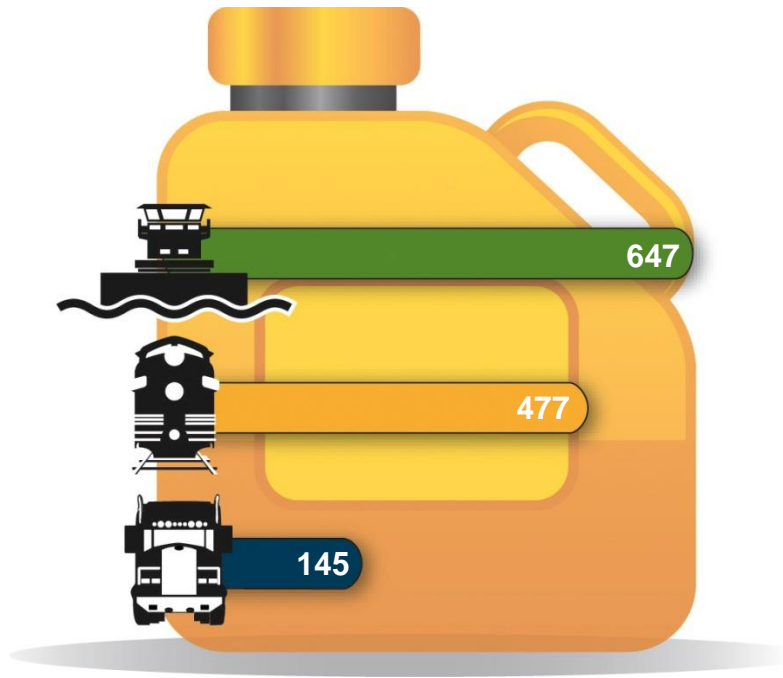


1,050 Large Semi Tractor-Trailers



... Using Less Fuel and with Fewer Emissions

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



Tons of CO2 per Million Ton-miles

Kirby Goes Above and Beyond

- **Marine Transportation**

- 6 psi vs. 3 psi barges virtually eliminate fugitive emissions
- Engine and boat replacement program improves economy and reduces emissions
- Barge cleaning facility goes well beyond the regulatory standard
- Reducing, reusing and recycling are integral to our practices

- **Distribution and Services**

- Developing technology to lessen environmental impact of hydraulic fracturing
 - Noise reductions
 - Less use of petroleum products such as electric powered fracturing units
- Paint and solvent re-use and recycling
- LED lighting in facilities
- Enabling higher EPA standards for diesel engines