



THE STATE OF INTERMODAL

MIDWEST ASSOCIATION OF RAIL SHIPPERS WINTER MEETING 2017

DAVID YEAGER
CHAIRMAN OF THE BOARD
AND CHIEF EXECUTIVE OFFICER

JANUARY 11, 2017



Hinsdale
Flowers

CLEANERS

Pick-up &
Delivery

Organic
Dry Cleaning

© 2010 by [illegible]



Laundromat

19



1. The first step is to identify the problem.
 2. The second step is to define the problem.
 3. The third step is to analyze the problem.
 4. The fourth step is to develop a solution.
 5. The fifth step is to implement the solution.
 6. The sixth step is to evaluate the solution.
 7. The seventh step is to monitor the solution.
 8. The eighth step is to maintain the solution.
 9. The ninth step is to improve the solution.
 10. The tenth step is to document the solution.

THE UNIVERSITY OF CHICAGO

CLARK COUNTY CLERK, 100 E. 10th Street, Clark County, Nevada
 89501-1000
 (702) 785-1000
 FAX (702) 785-1001

FAX TRANSMISSION FORM

NAME: ALBERT FORTNEY Page: 1
 ADDRESS: 1000 1/2 1st St. S. W. Atlanta, Ga.
 Telephone: 4-24-21
 Date: 4-24-51
 Subject: ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
 Date of Review: 4-24-51



HUB GROUP

MULTI-MODAL SOLUTIONS PROVIDER

\$3.6 BILLION IN REVENUE

FINANCIALLY STABLE
PUBLICLY TRADED



INTERMODAL

\$2.2 billion

One of the Largest Intermodal
Providers in North America

US, Canada, and Mexico Operations

Large Private Container Fleet –
36,000 boxes

Nationwide Intermodal
Trucking Operation with 2,700+ Drivers

HIGHWAY

\$695 million

Carrier Managed
Solutions

Transactional Capacity
Solutions

Project
Management

LOGISTICS

\$680 million

Supply Chain
Management

Full Outsource
Multi-Modal Solutions

TMS/Web Technology

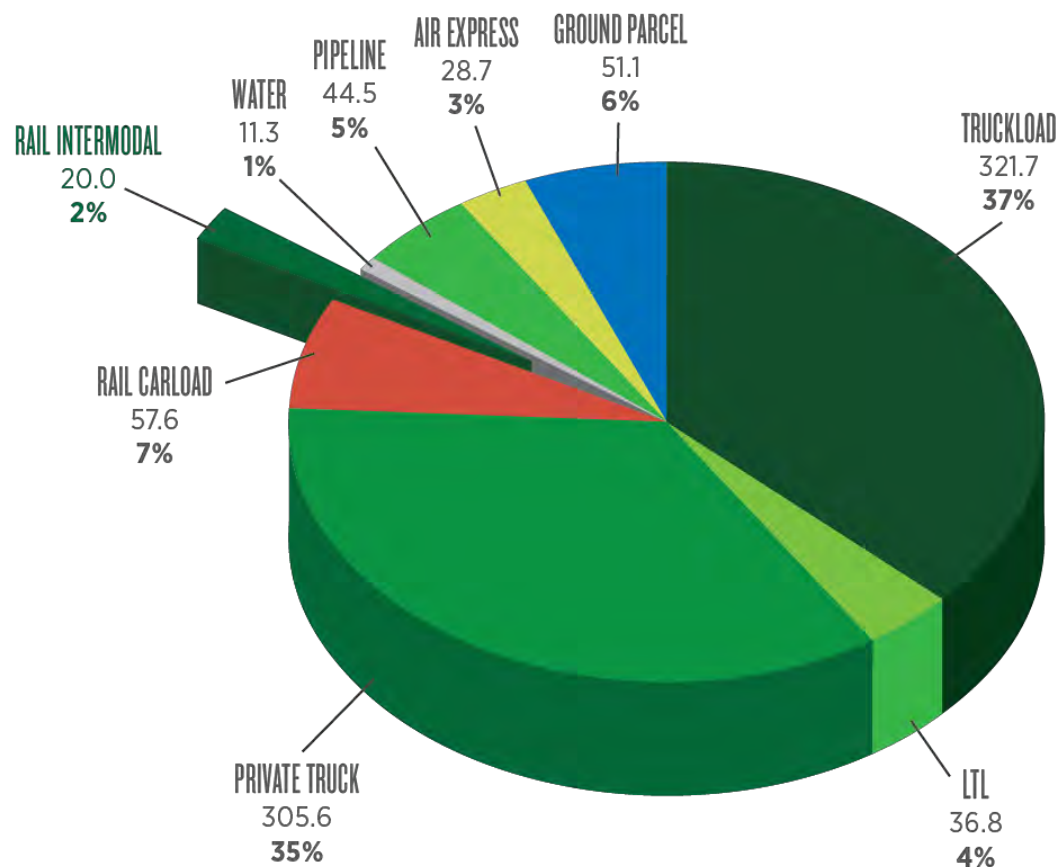
LTL Capabilities



TRANSPORTATION OVERVIEW

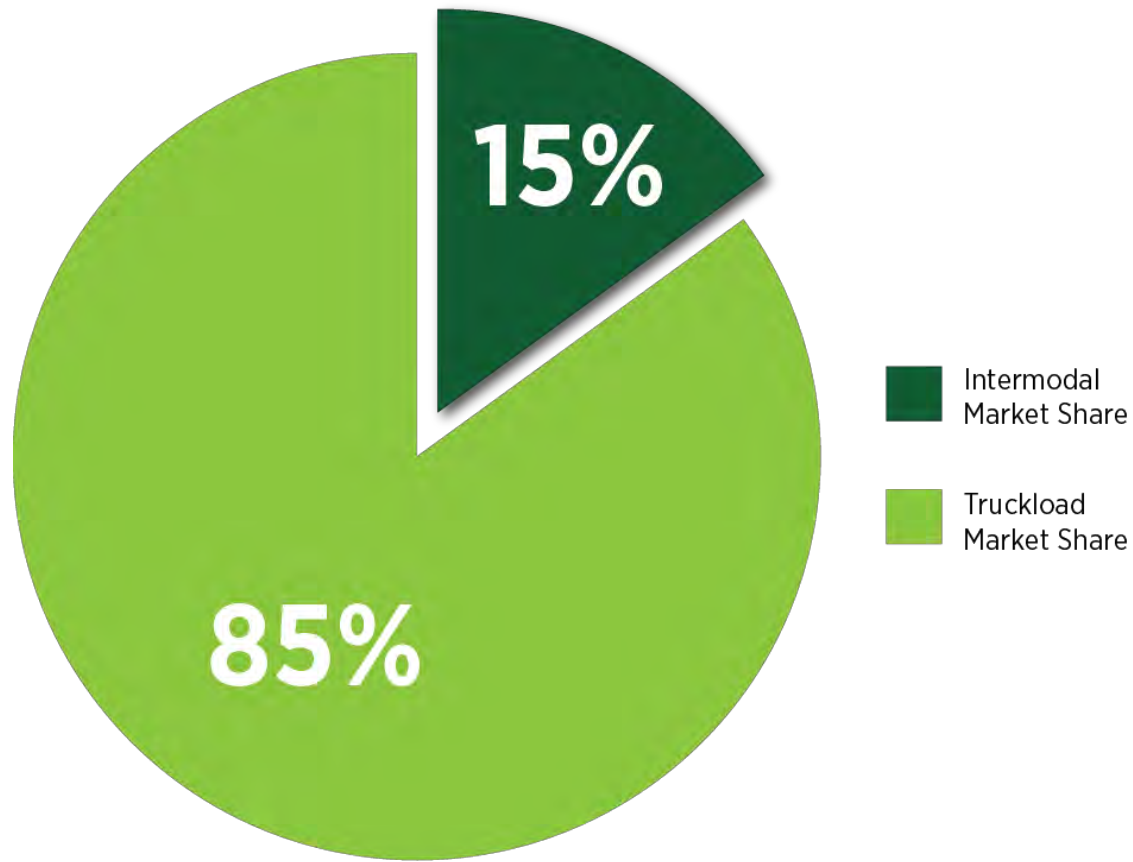
DOMESTIC FREIGHT MARKET

U.S. FREIGHT TRANSPORTATION MARKET (\$889 Billion)



INTERMODAL SHARE

MARKET SHARE FOR 550+ MILE LENGTH OF HAUL MOVES



INTERMODAL GROWTH

INTERMODAL VOLUME VS. NON-INTERMODAL RAIL VOLUME

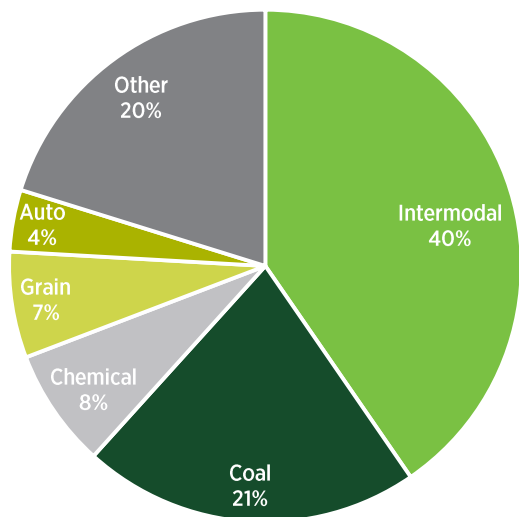
RAIL VOLUMES	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
INTERMODAL GROWTH	4%	7%	10%	6%	5%	(2%)	(4%)	(14%)	14%	5%	3%	4%	5%	2%	(2%)
NON-INTERMODAL GROWTH	0%	4%	(2%)	3%	4%	(3%)	(8%)	(11%)	7%	0%	(1%)	(1%)	3%	(4%)	(8%)
INTERMODAL'S OUTPERFORMANCE/ UNDERPERFORMANCE	4%	3%	12%	4%	1%	1%	4%	(4%)	7%	5%	5%	5%	2%	5%	6%



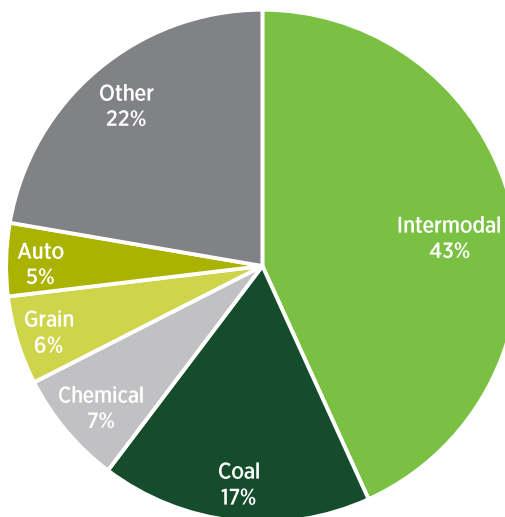
RAIL CARLOAD MARKET SHARE

INTERMODAL INCREASED ITS SHARE OF TOTAL RAIL CARLOADS SINCE 2010

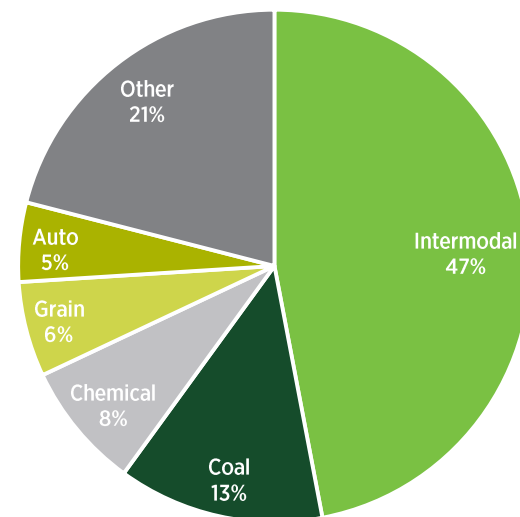
2010



2013



2016



A CHALLENGING COURSE, BUT WELL POSITIONED FOR GROWTH

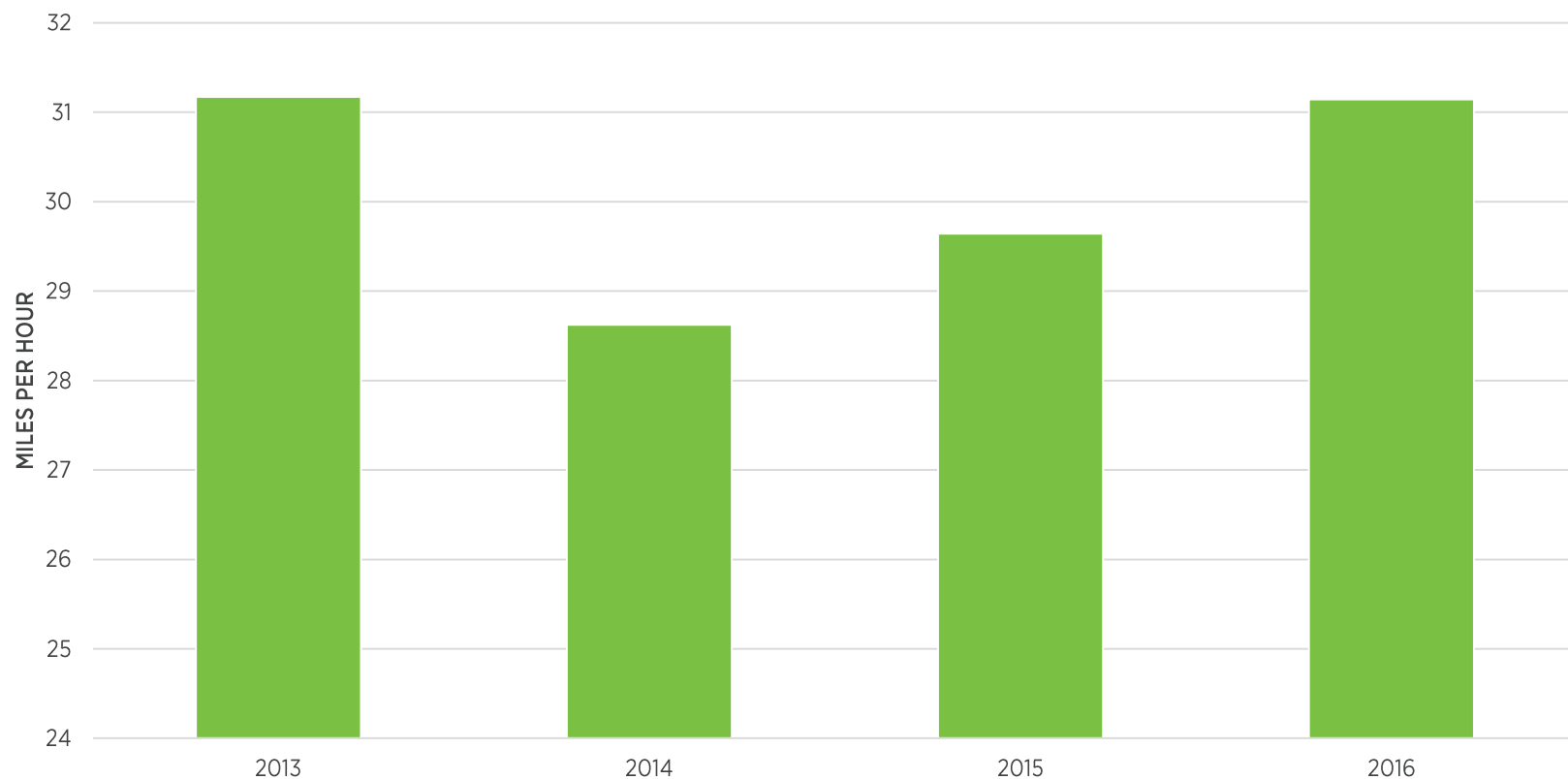
- **COST**
- **SERVICE**
- **SUBSTANTIAL RAIL CAPACITY**
- **TRUCK HEADWINDS**
 - Regulations
 - Driver Demographics
 - Driver Shortage & Retention
 - The Trump Economy
- **INTERMODAL RISKS**
 - Omni-Channel Growth & Opportunities
 - Technology



RAILROAD SERVICE PERFORMANCE

IMPROVING INTERMODAL TRAIN SPEEDS SINCE 2014

AVERAGE INTERMODAL RAIL SPEEDS

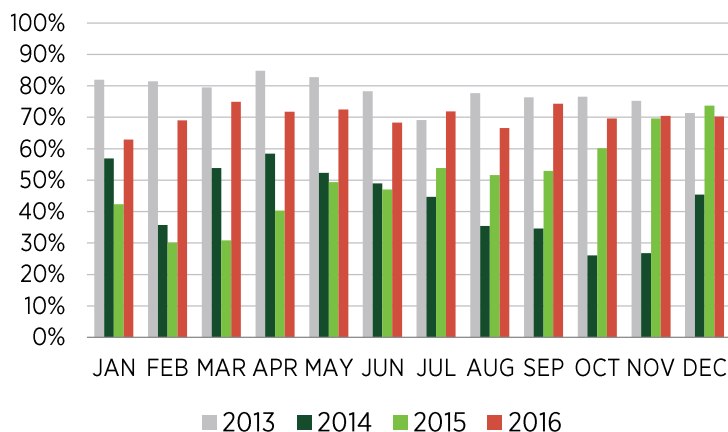


Source: AAR via Railroad Performance Metrics (data current through Week 51, 2016)

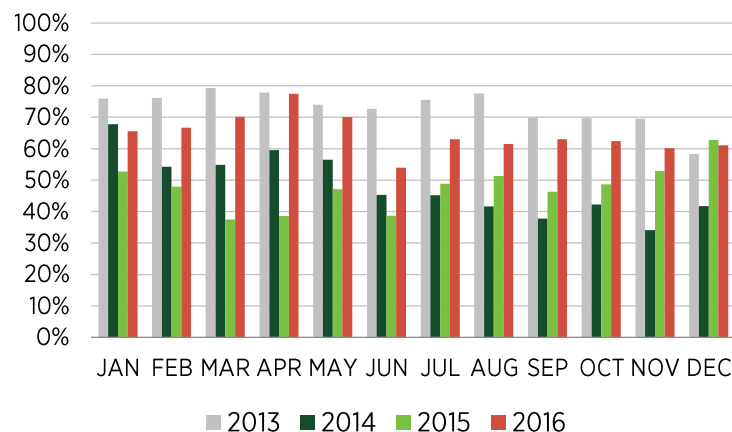


INTERMODAL ON TIME PERFORMANCE

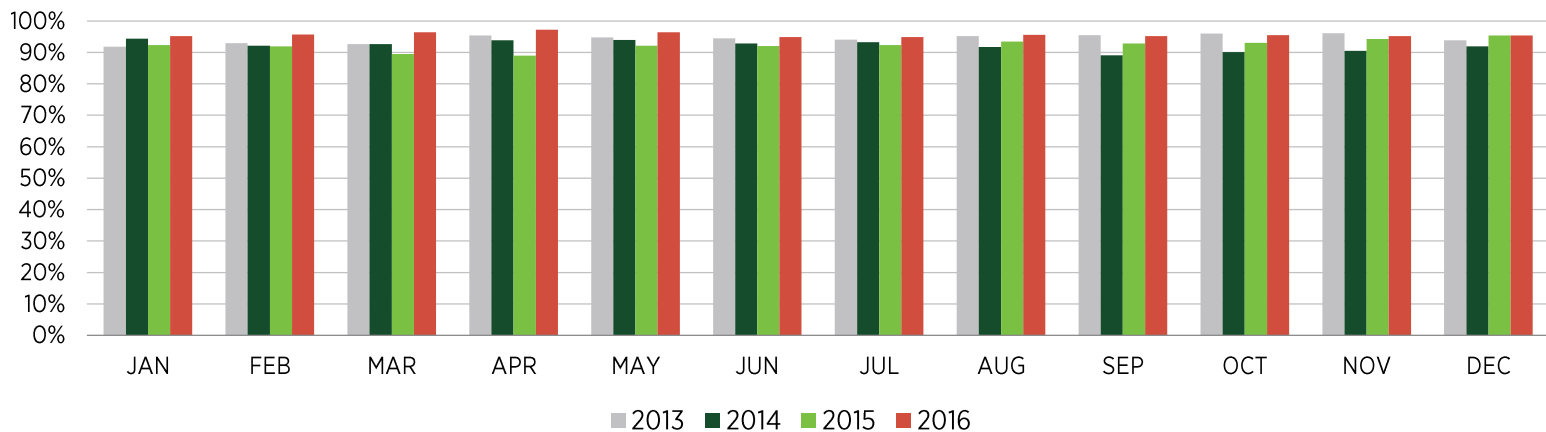
NS ON TIME PERFORMANCE



UP ON TIME PERFORMANCE

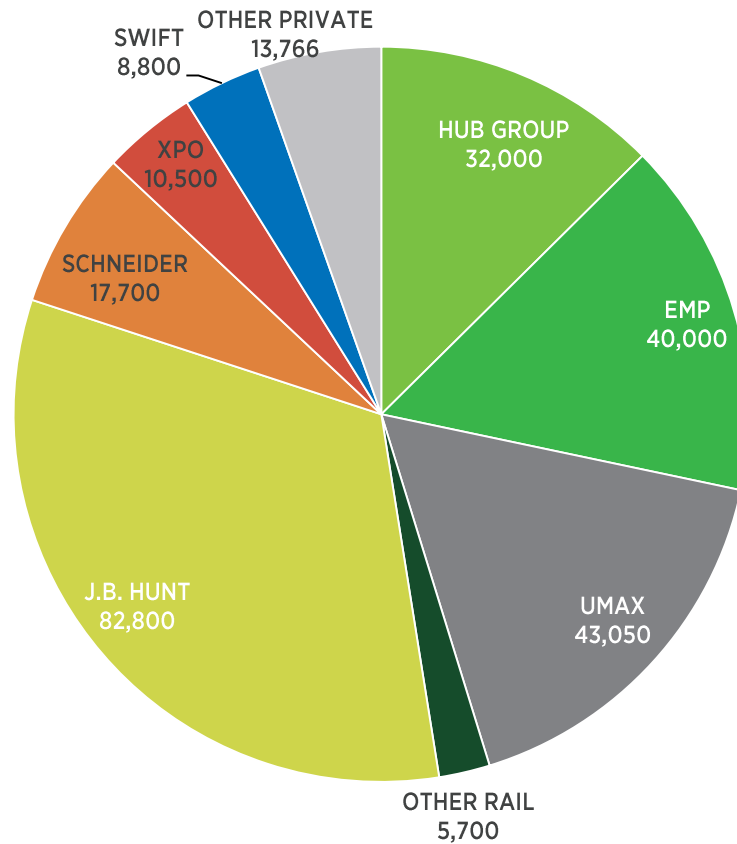


HUB GROUP CUSTOMER OTP



SUBSTANTIAL INTERMODodal CAPACITY

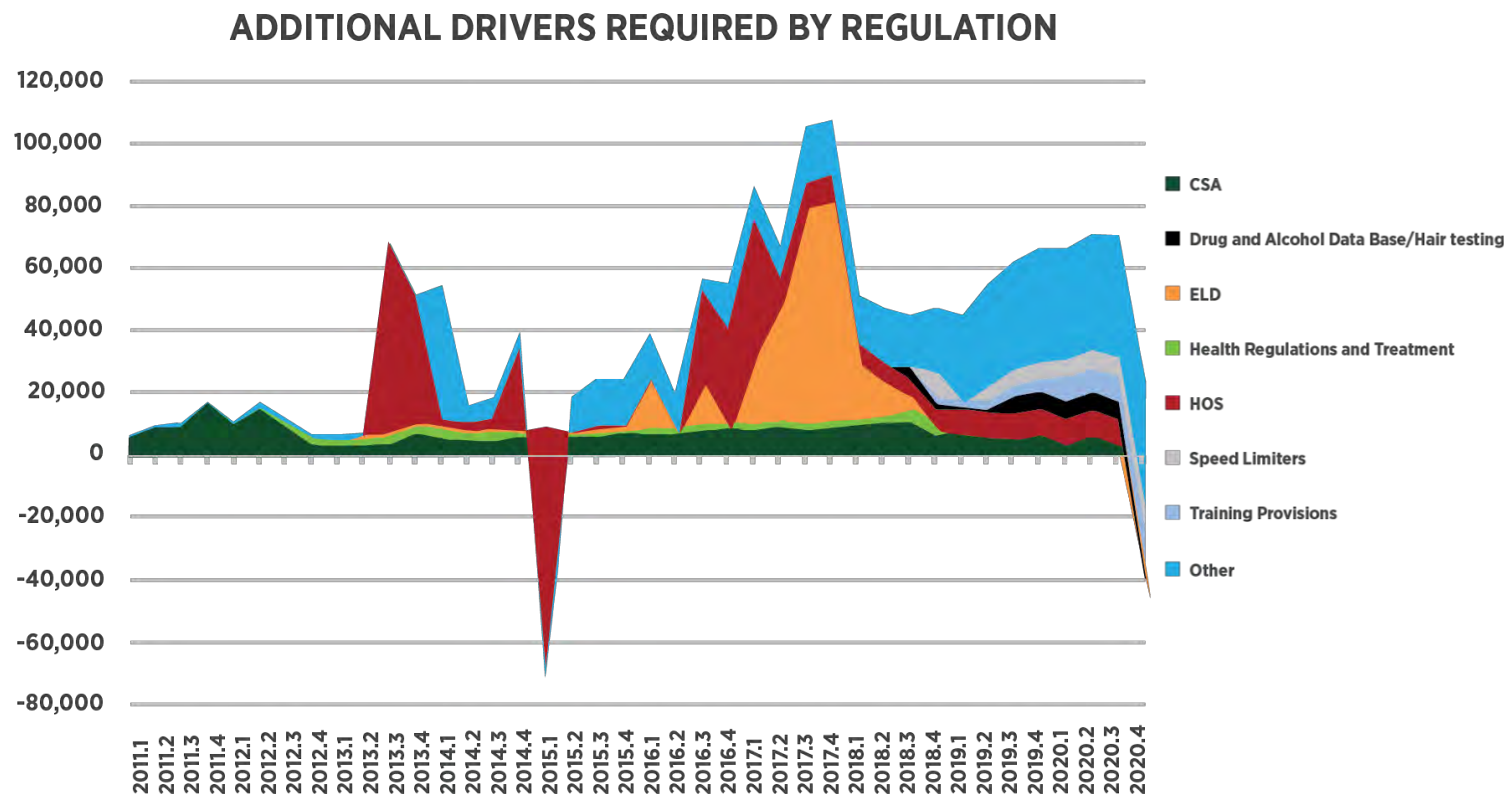
U.S. TOTAL CONTAINER FLEET



TRUCK HEADWINDS

THE IMPACT OF REGULATIONS ON TRUCKING

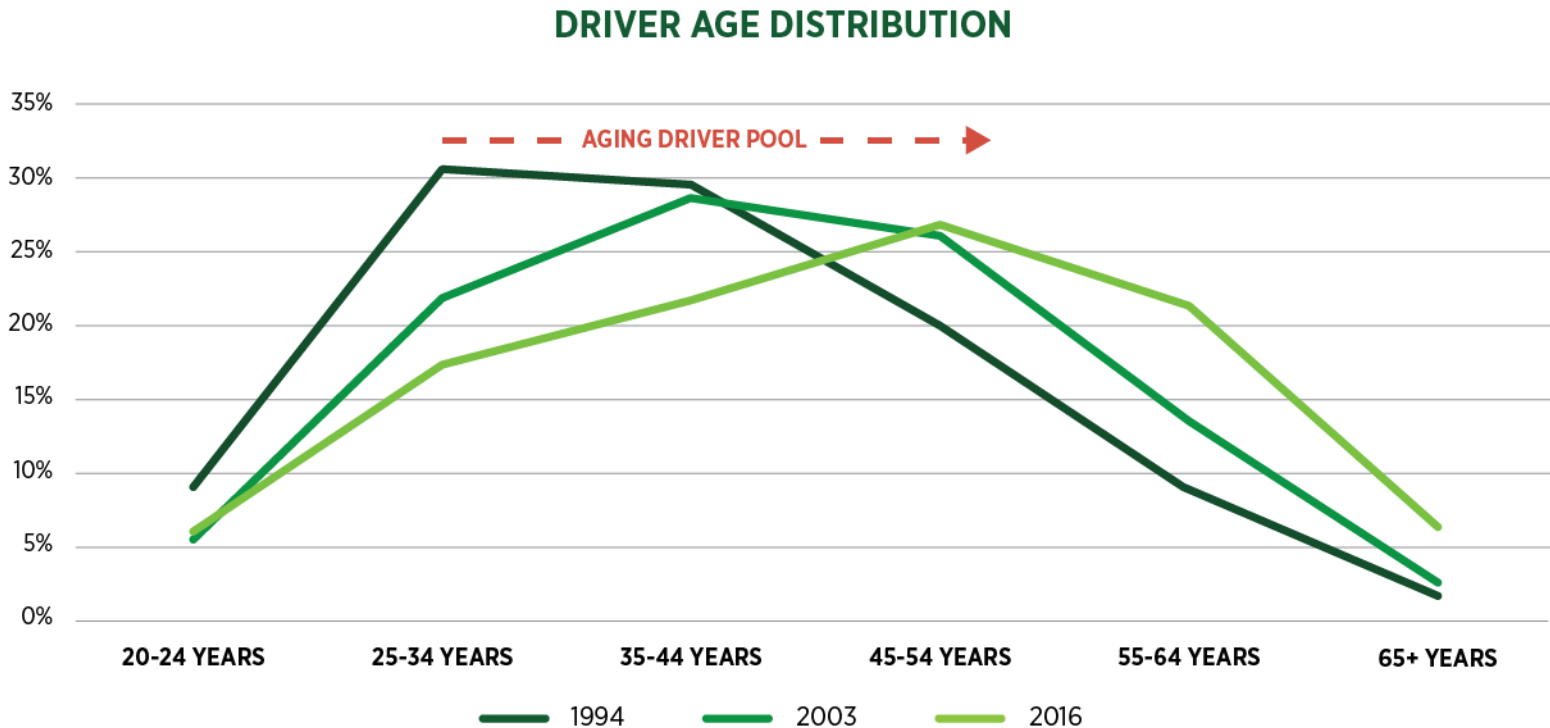
The growing amount of trucking regulations will continue to cause significant tightening in the driver market, therefore reducing capacity and increasing rates.



TRUCK HEADWINDS

SHIFT IN DRIVER DEMOGRAPHICS

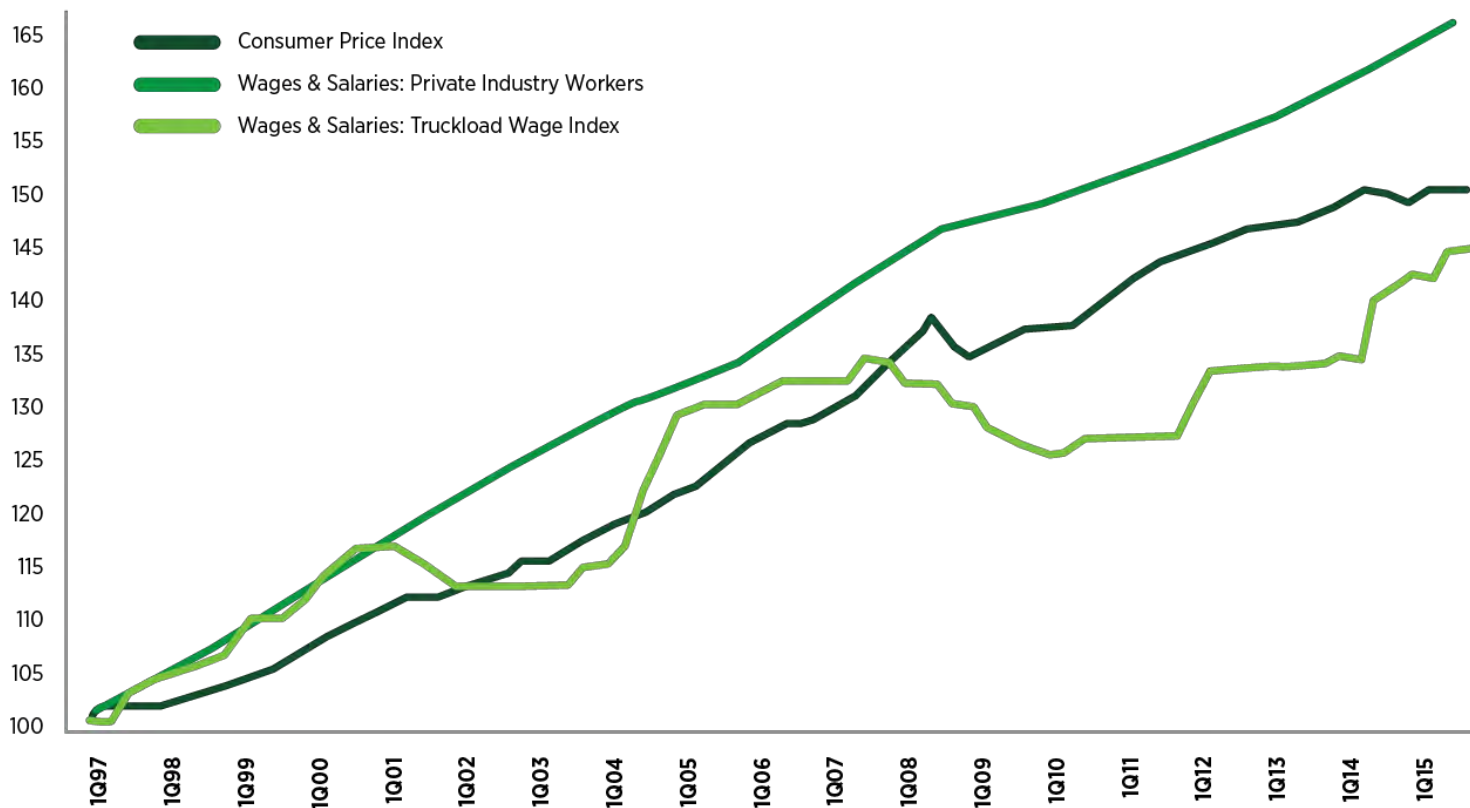
In 1994, 30.9% of drivers were over 45 years old. In 2016, 55.5% were over 45. The median driver age is now 49, and as this aging workforce enters retirement, an even larger driver shortage may begin to emerge.



TRUCK HEADWINDS

DRIVER SHORTAGE & RETENTION

**DRIVER PAY VS. PRIVATE INDUSTRY PAY
VS. INFLATION LONG-TERM TRENDS**



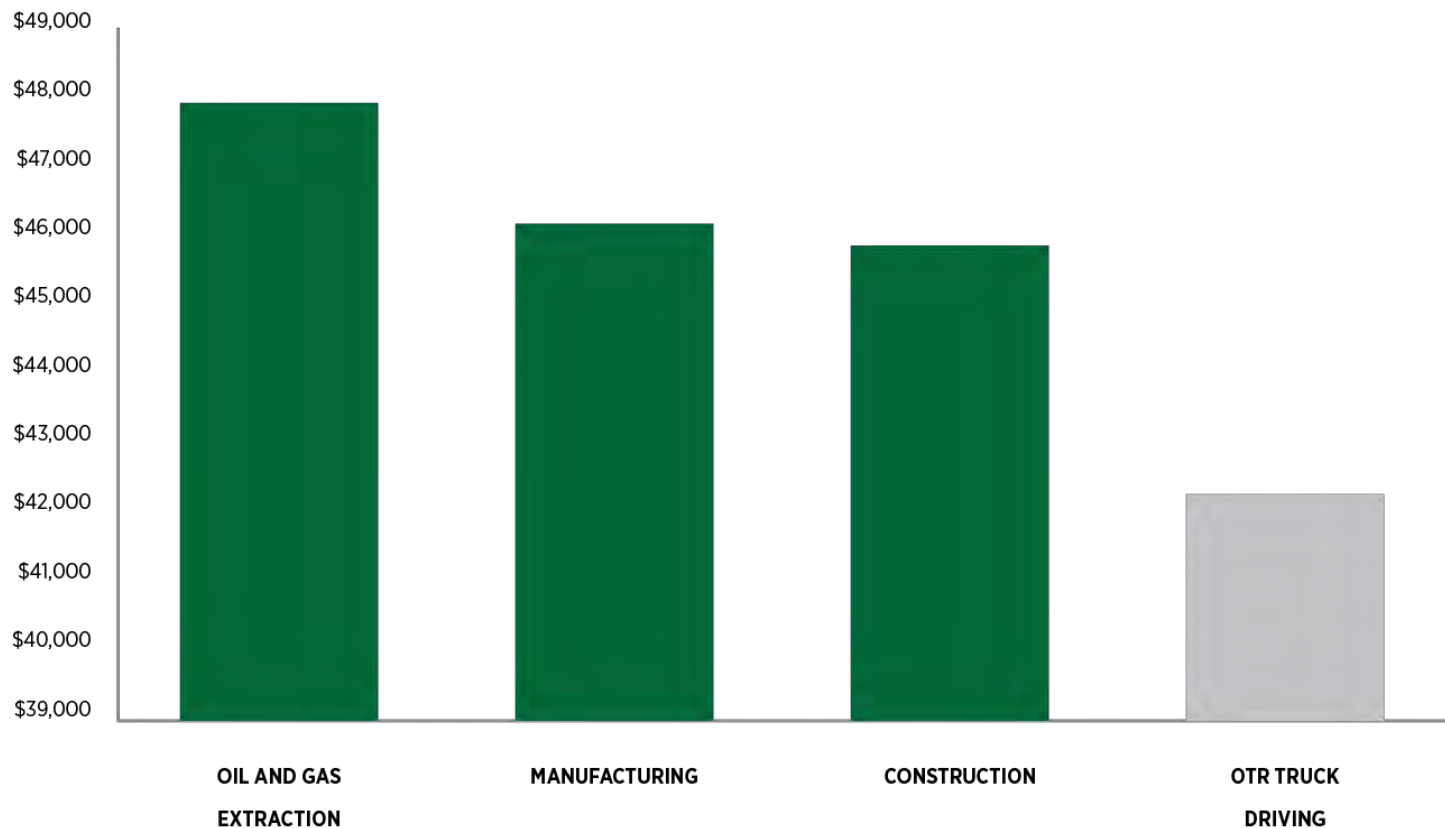
Source: National Survey of Driver Wages; Morgan Stanley



TRUCK HEADWINDS

DRIVER SHORTAGE & RETENTION

**ALTERNATIVE EMPLOYMENT
OPPORTUNITIES AND AVERAGE WAGE**



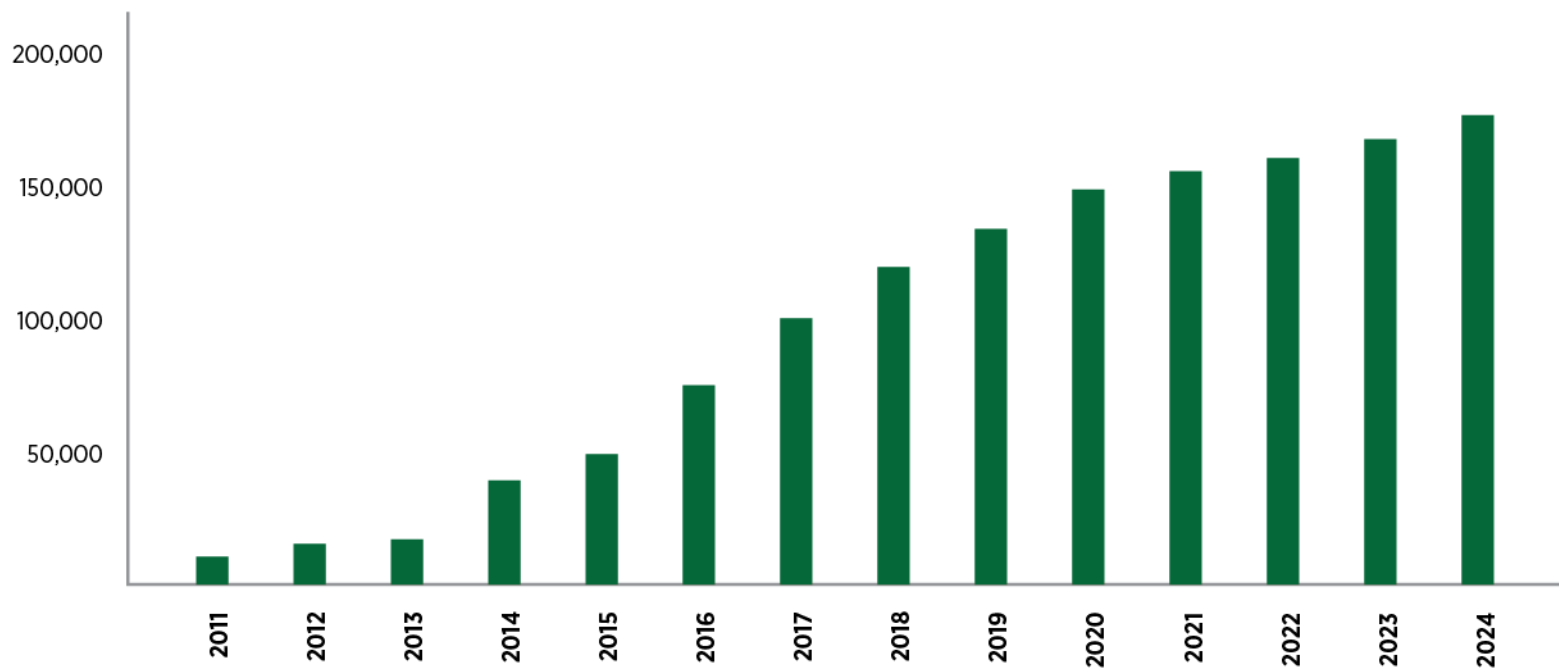
Source: BLS; Morgan Stanley



TRUCK HEADWINDS

DRIVER SHORTAGE & RETENTION

ATA PROJECTED DRIVER SHORTFALL



Source: ATA; Morgan Stanley



TRUCK HEADWINDS

THE TRUMP ECONOMY



\$3 TRILLION INFRASTRUCTURE INVESTMENT



REBIRTH OF FRACKING



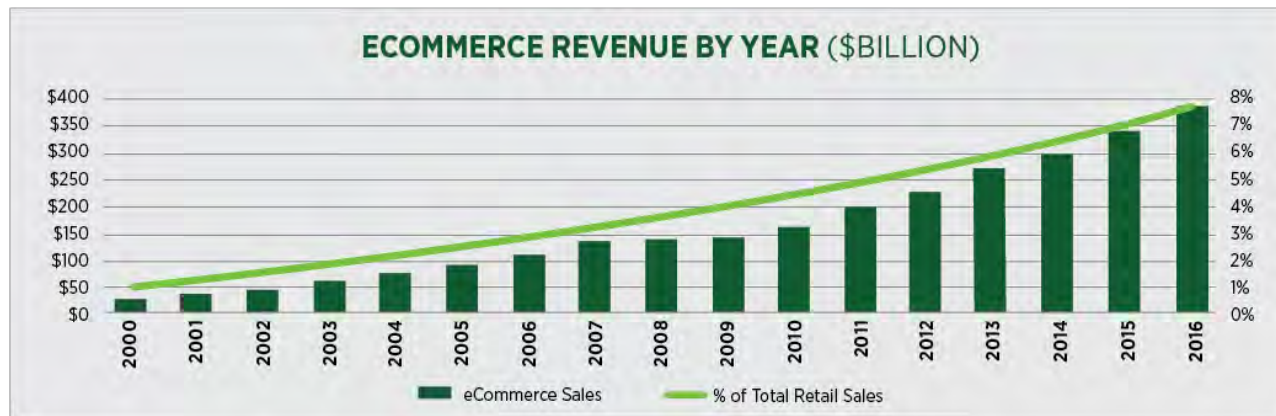
US INDUSTRIALIZATION



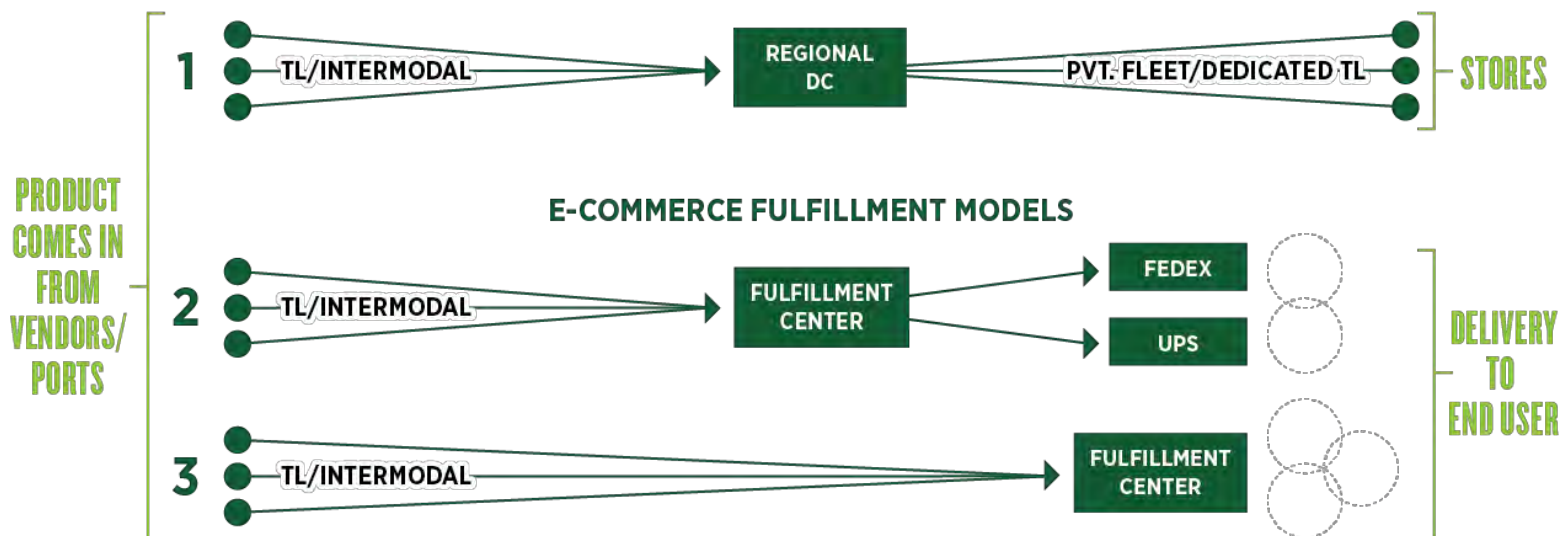


RISKS TO INTERMODAL GROWTH

OMNI-CHANNEL GROWTH & OPPORTUNITIES



BIG BOX RETAIL MODEL



TECHNOLOGY

	ADVANCED DRIVER ASSISTANCE SYSTEMS	PLATOONING	FULLY AUTONOMOUS
TIMING OF IMPLEMENTATION	Immediate	1-3 Years	6-10 Years
BENEFITS	<ul style="list-style-type: none">• In 20% Insurance Savings• 5% Fuel efficiency improvement	<ul style="list-style-type: none">• 5-10% Fuel efficiency improvement• 0-50% labor cost reduction	<ul style="list-style-type: none">• 20-50% insurance savings• 10% fuel efficiency improvement• 50-90% labor cost reduction



IN CONCLUSION...



• INTERMODAL POISED FOR GROWTH

- Lower Cost
- Consistent Service
- Headwinds for Competition



• RISKS OF TECHNOLOGY



HUBGROUP.COM