



# ELD Impacts

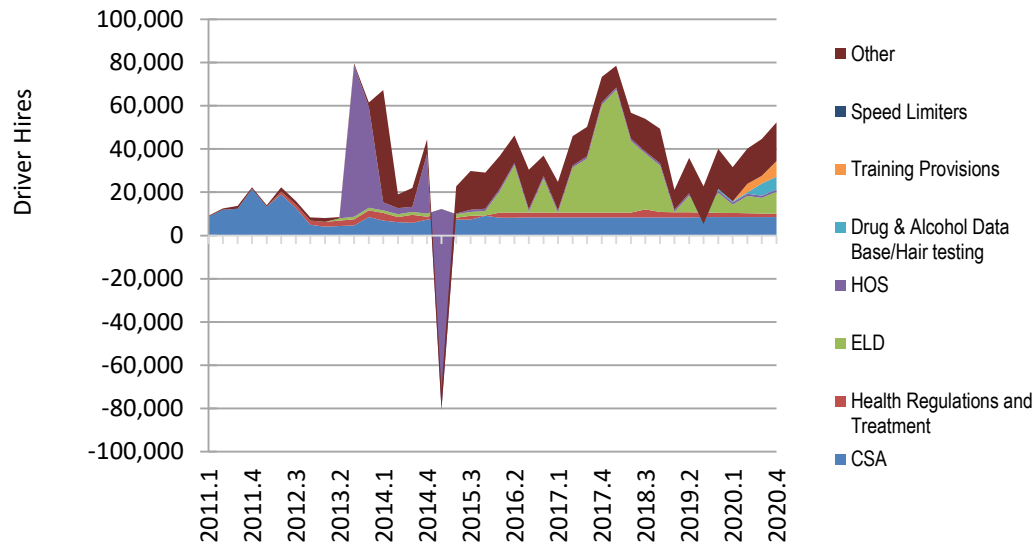
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Transport Futures – [Truckstop.com](http://Truckstop.com)

# It's all about hiring.

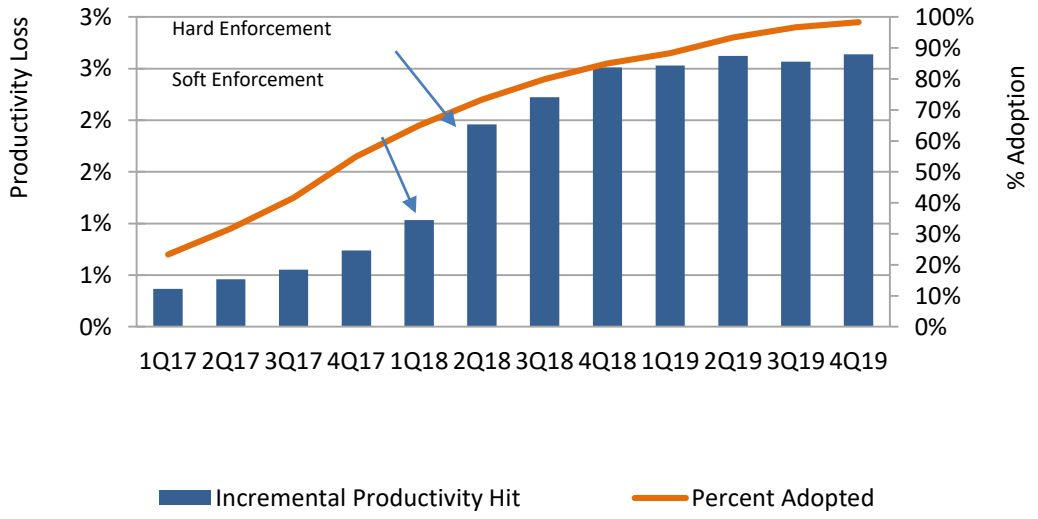
- **Additional Driver Hires Required By Regulation**



- Source: Transport Futures

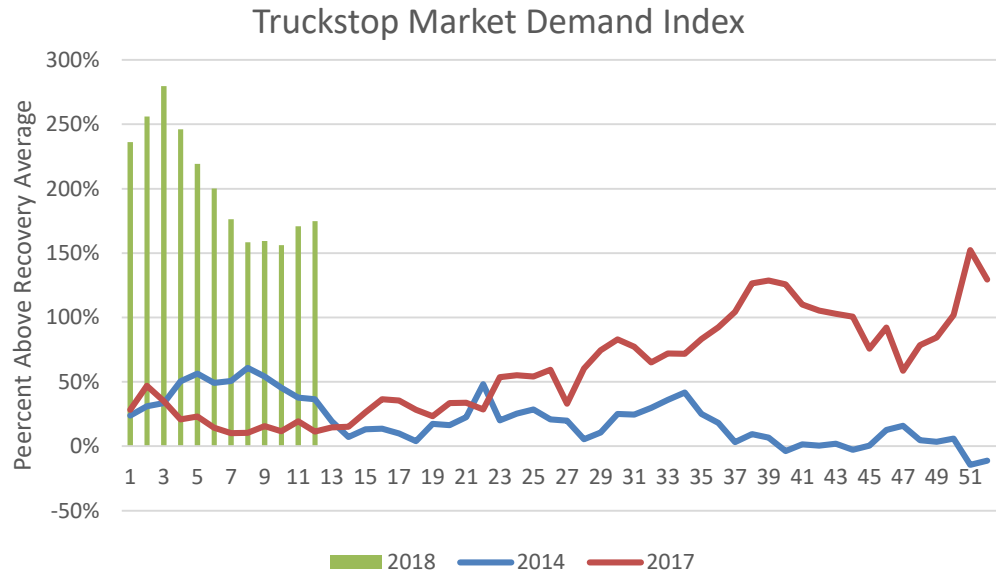
# Gradual Rollout

- ELD Adoption and Incremental Productivity Loss



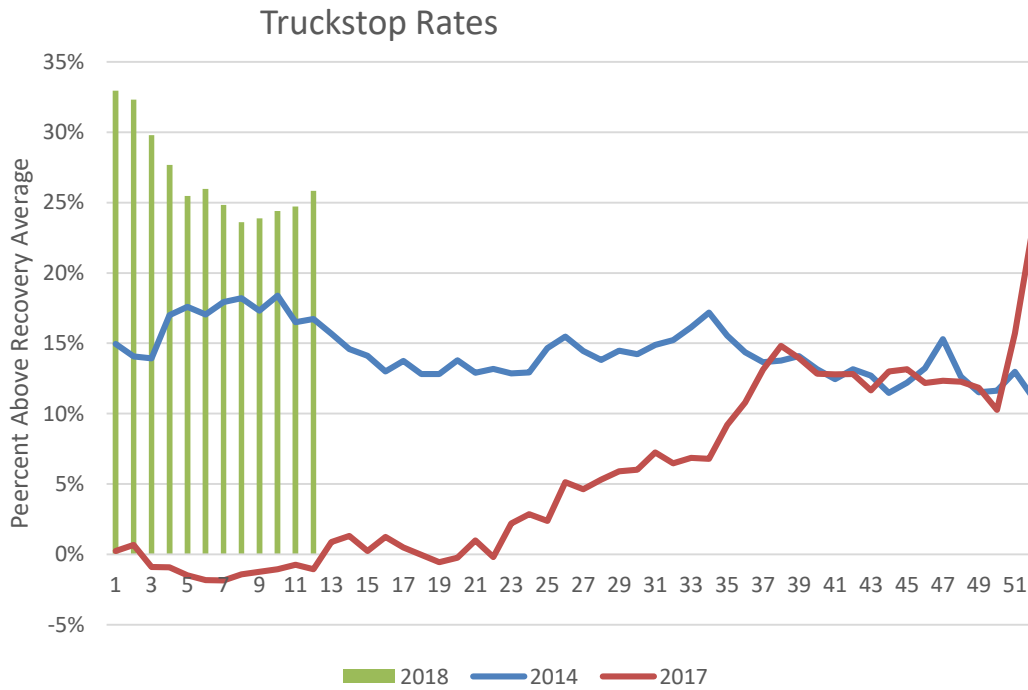
• Source: Truckstop.com, Transport Futures

# The market has responded.



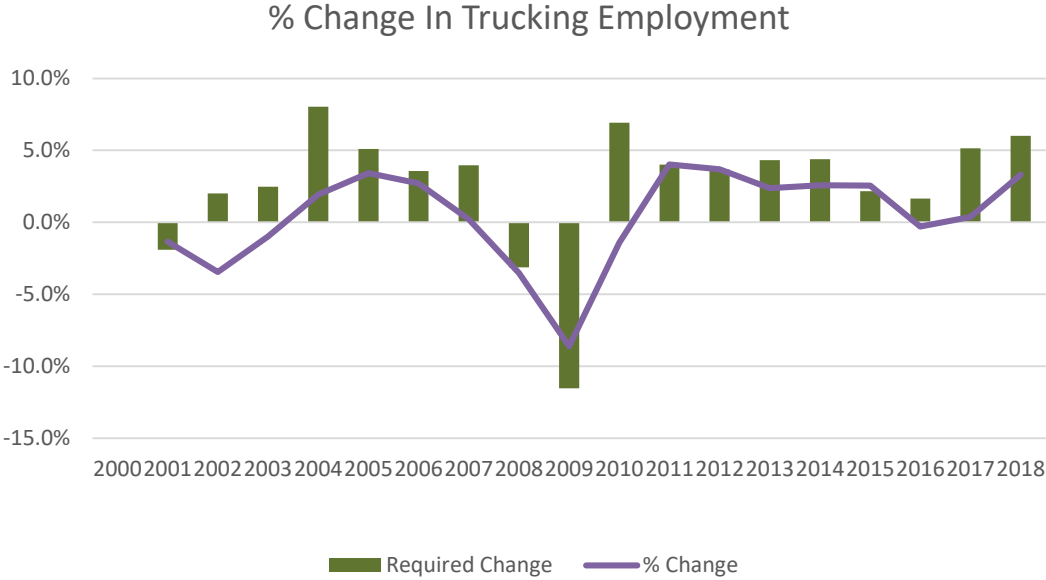
• Source: Truckstop.com, Transport Futures, FTR

# Rates are up.



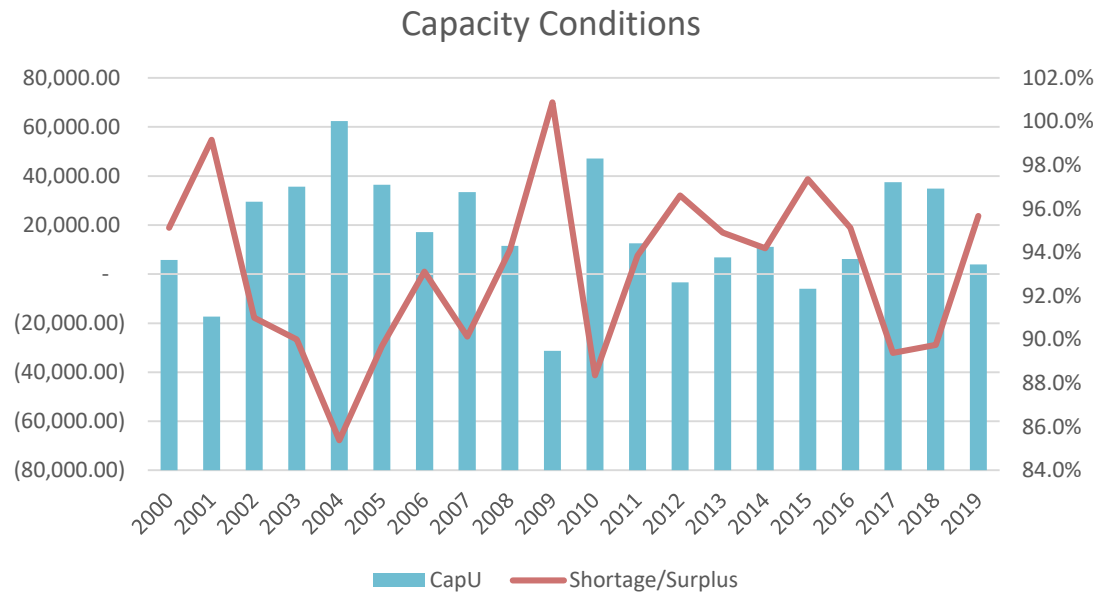
• Source: Truckstop.com, Transport Futures, FTR

# Hiring is occurring



• Source: Transport Futures, BLS

# Watch out for next year!



• Source: Transport Futures, BLS



# Economic Outlook

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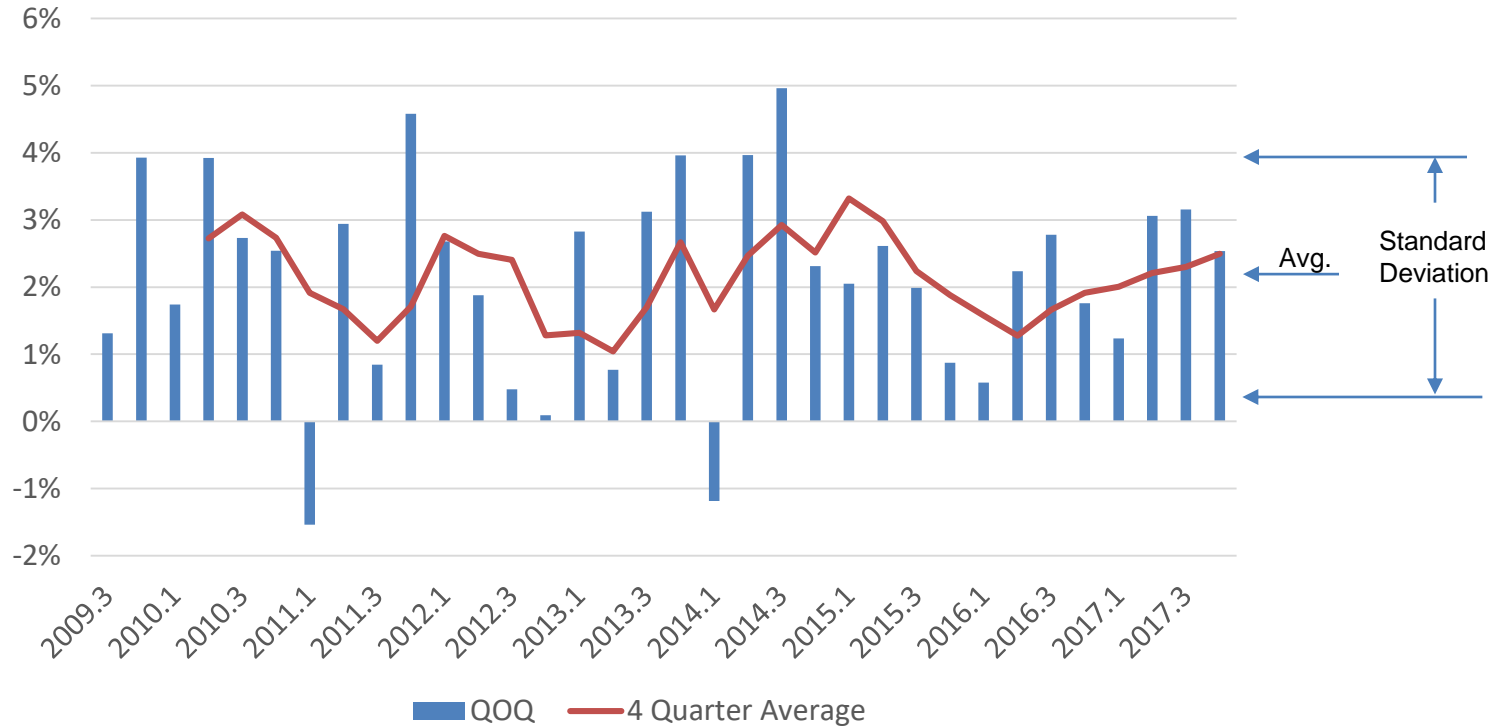
# GDP & Freight

GDP	# of Quarters	Freight Growth	Feeling
<1.5%	17	<4%	Really Bad
-1.4% to 1.5%	42	Flat	Bad
1.5% to 3.5%	107	1.5% to 2.0%	Okay
>3.5%	42	3% to 5%	Good

- Source: Transport Futures

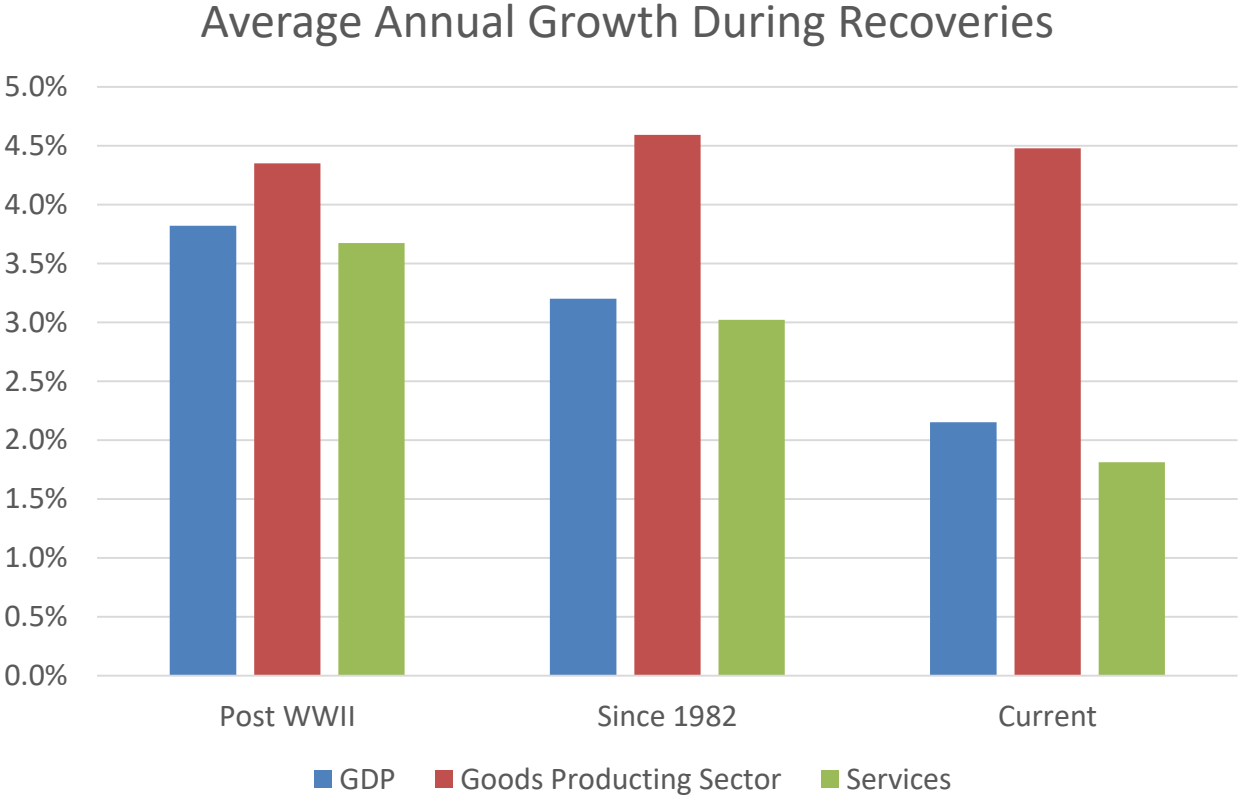
# A slow growth recovery. Picking Up Steam?

QOQ U.S. GDP - Annualized



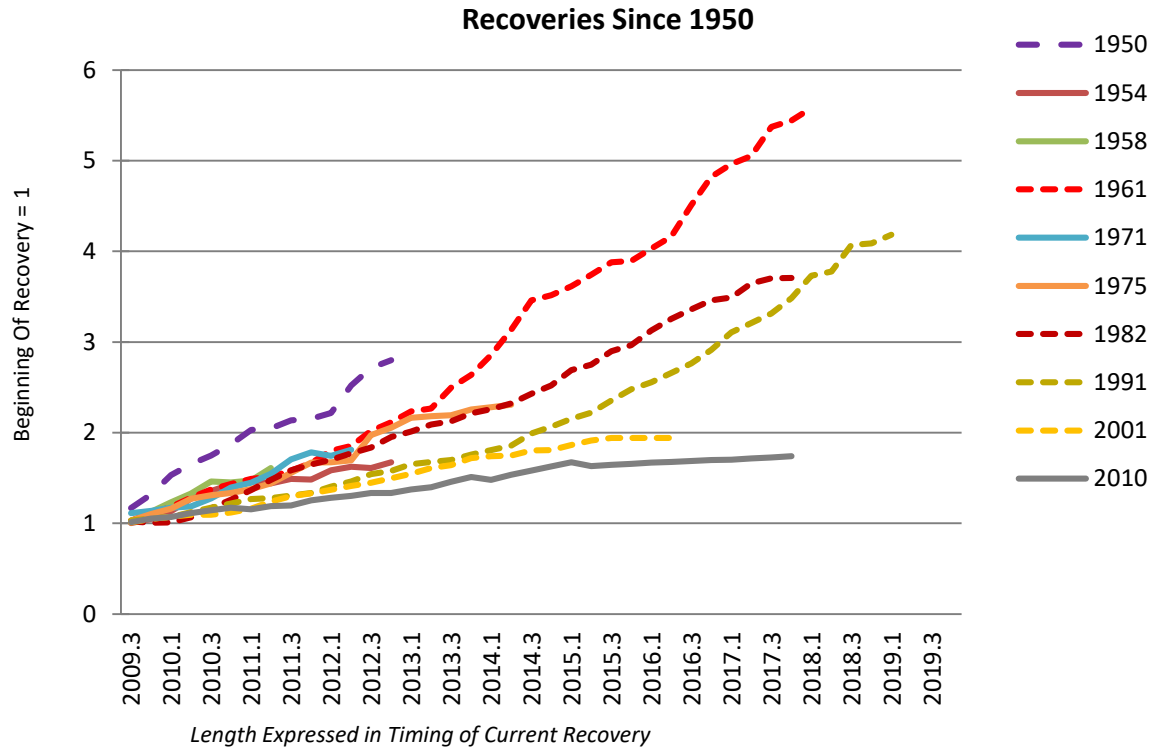
• Source Transport Futures

# Upside - This has been a good recovery for freight



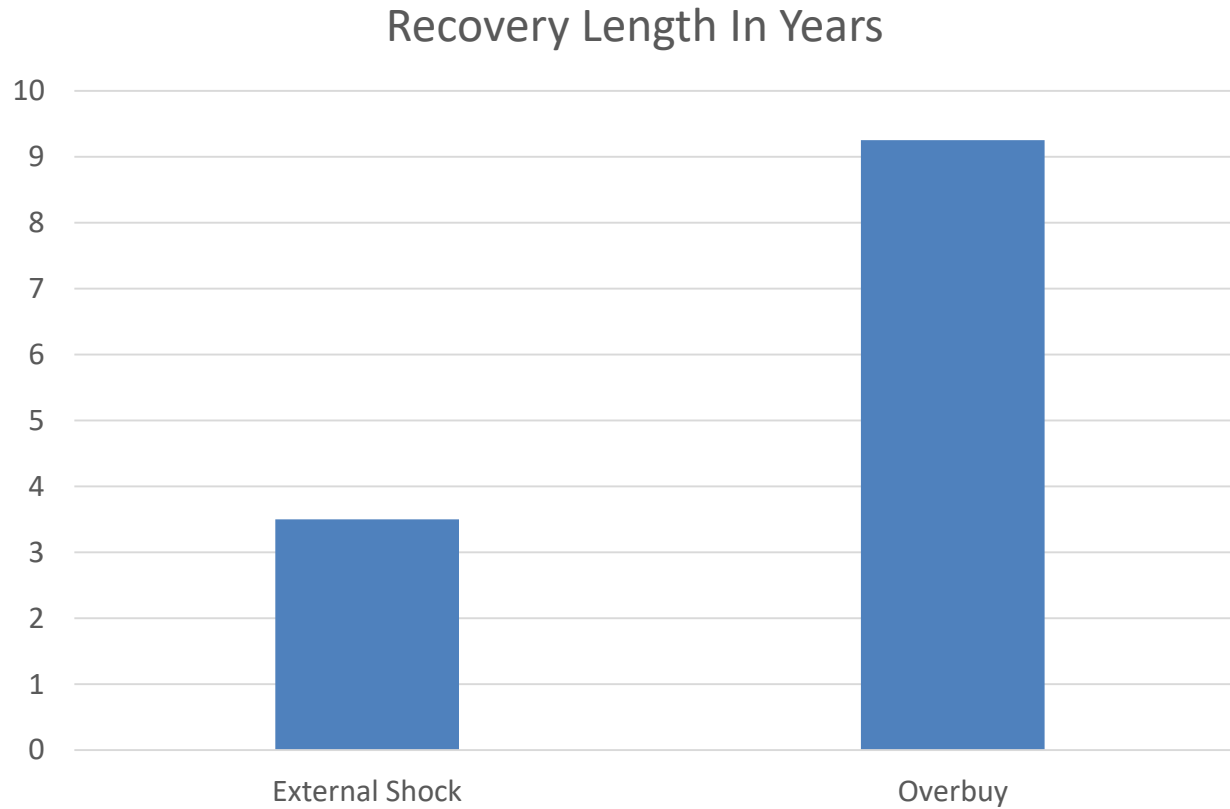
• Source: Transport Futures

# Downside - This recovery is getting very stale.



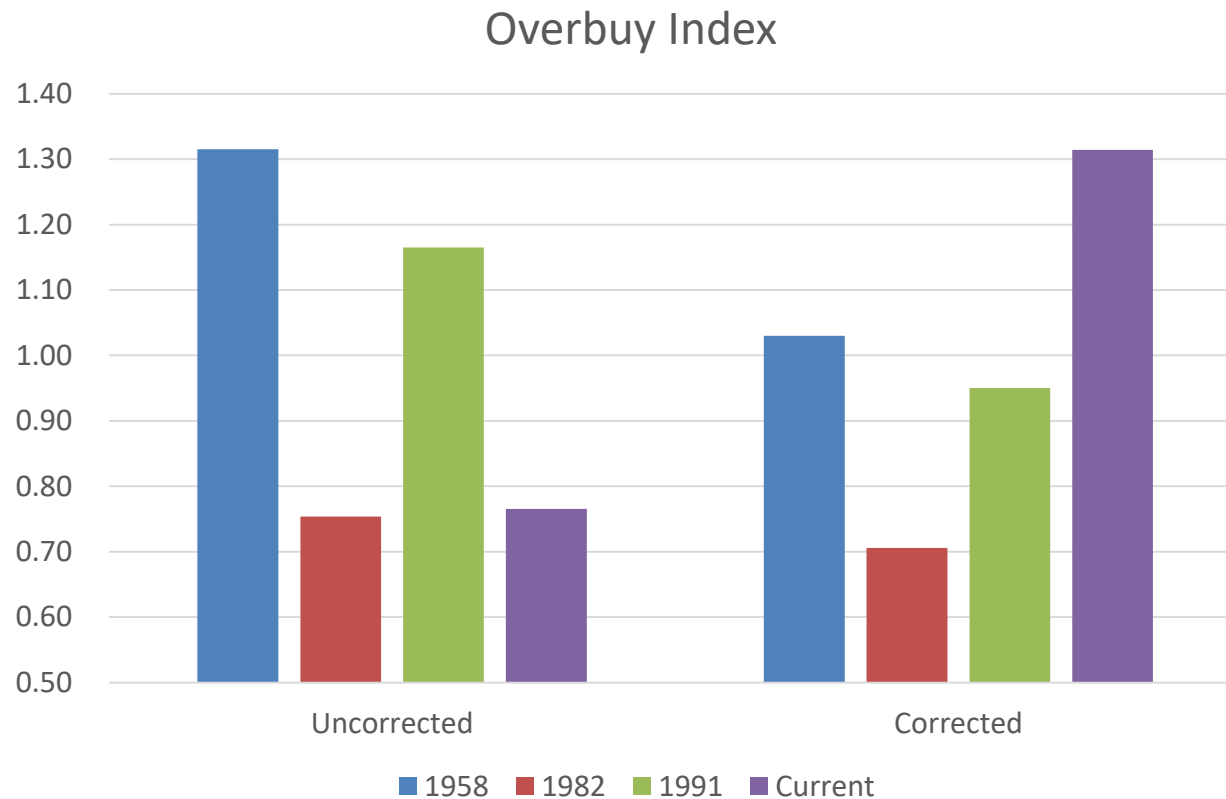
• Source: Transport Futures

# Recoveries end for two reasons.



• Source: Transport Futures

There are two interpretations of the historical data regarding the chance of this recovery lasting longer.



• Source: Transport Futures

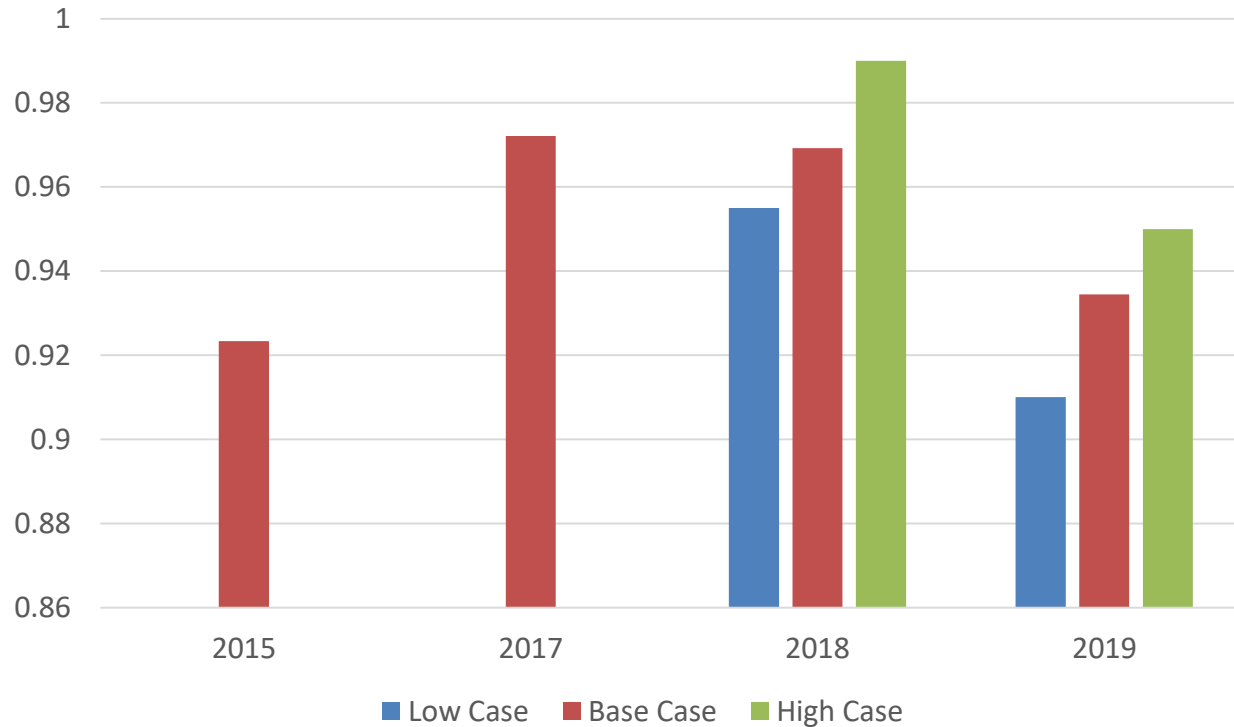
# GDP & Freight

GDP	# of Quarters	Freight Growth	Feeling	Probability 2018	Probability 2019
<1.5%	17	<4%	Really Bad	2%	10%
-1.4% to 1.5%	42	Flat	Bad	8%	35%
1.5% to 3.5%	107	1.5% to 2.0%	Okay	80%	50%
>3.5%	42	3% to 5%	Good	10%	5%

- Source: Transport Futures

# Market Tightness Outlook

## Capacity Utilization Scenarios



• Source: Transport Futures





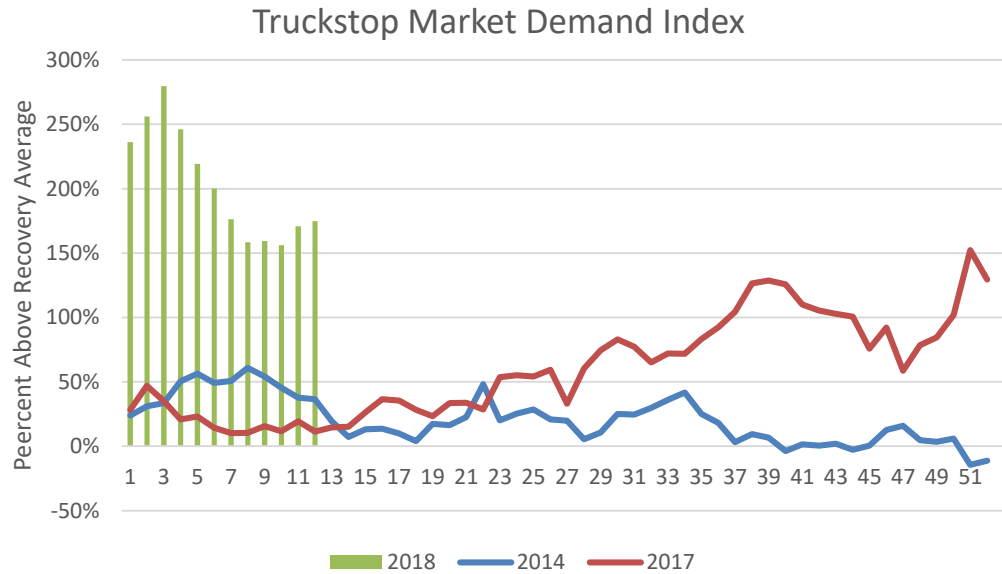
Big Data

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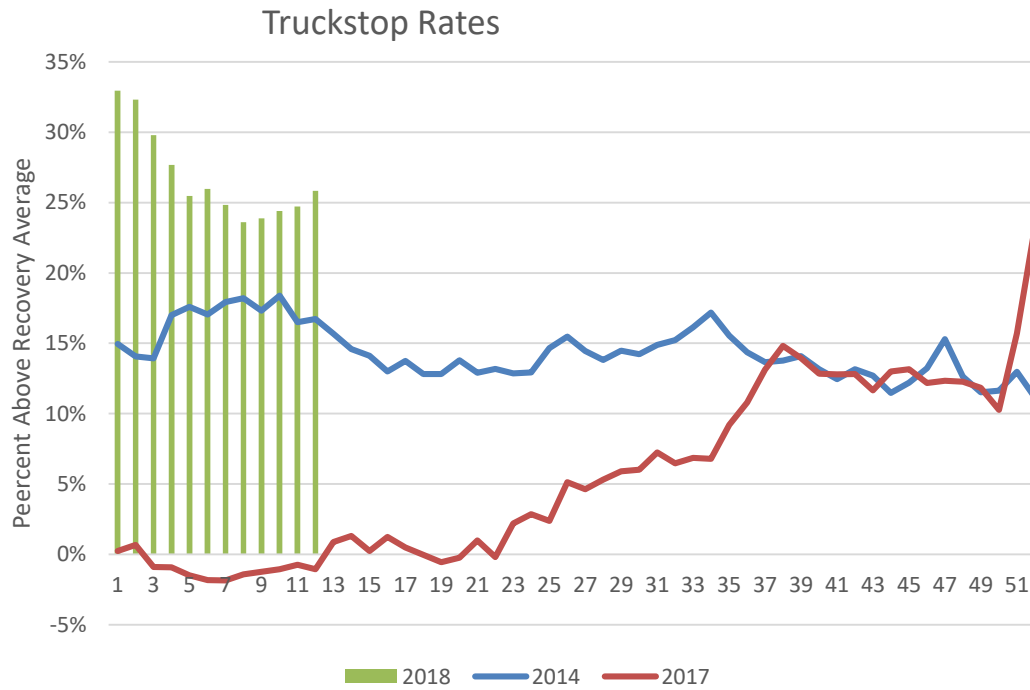
Transport Futures – [Truckstop.com](http://Truckstop.com)

# ELD Tightness



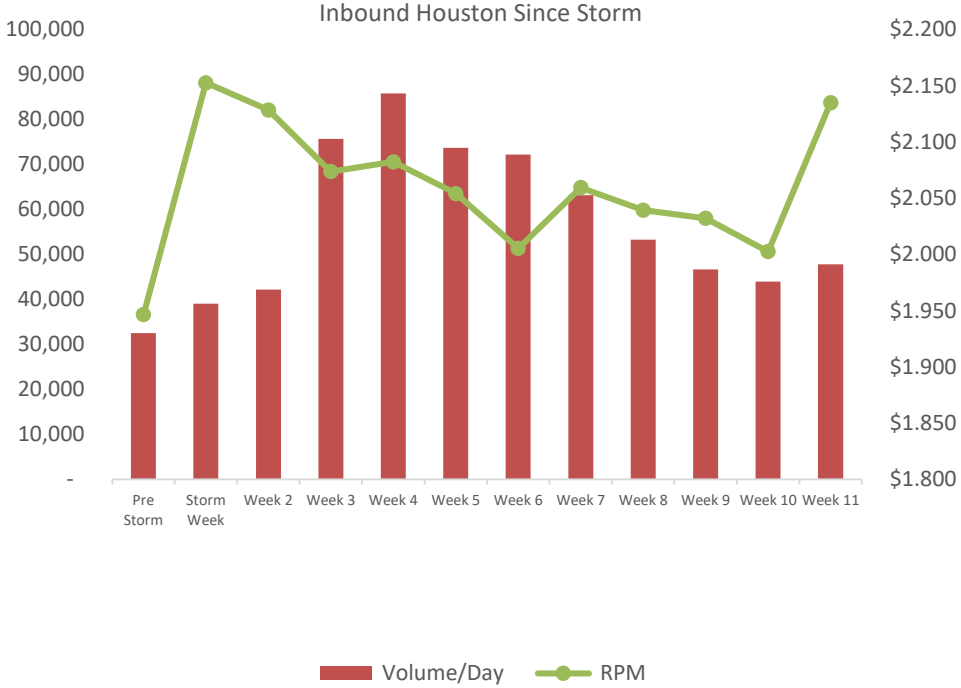
• Source: Truckstop.com, Transport Futures, FTR

# ELD Rates



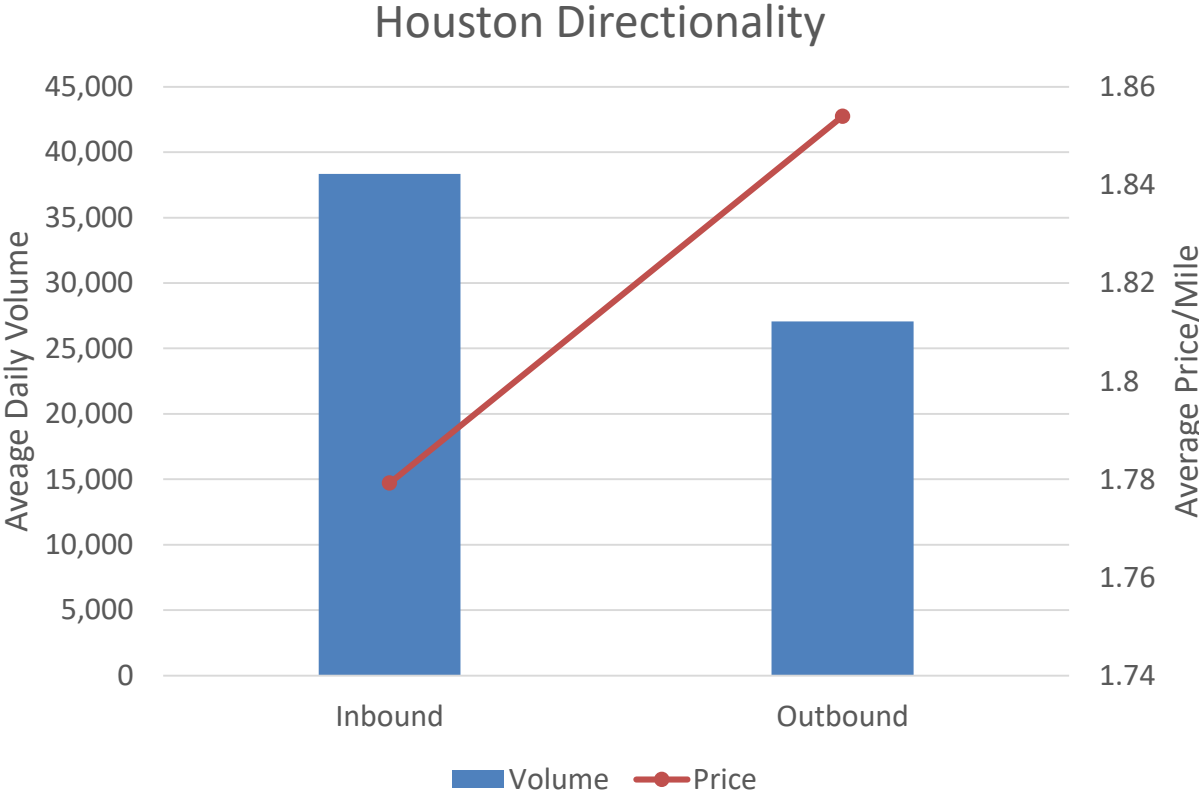
• Source: Truckstop.com, Transport Futures, FTR

# Geographic Events



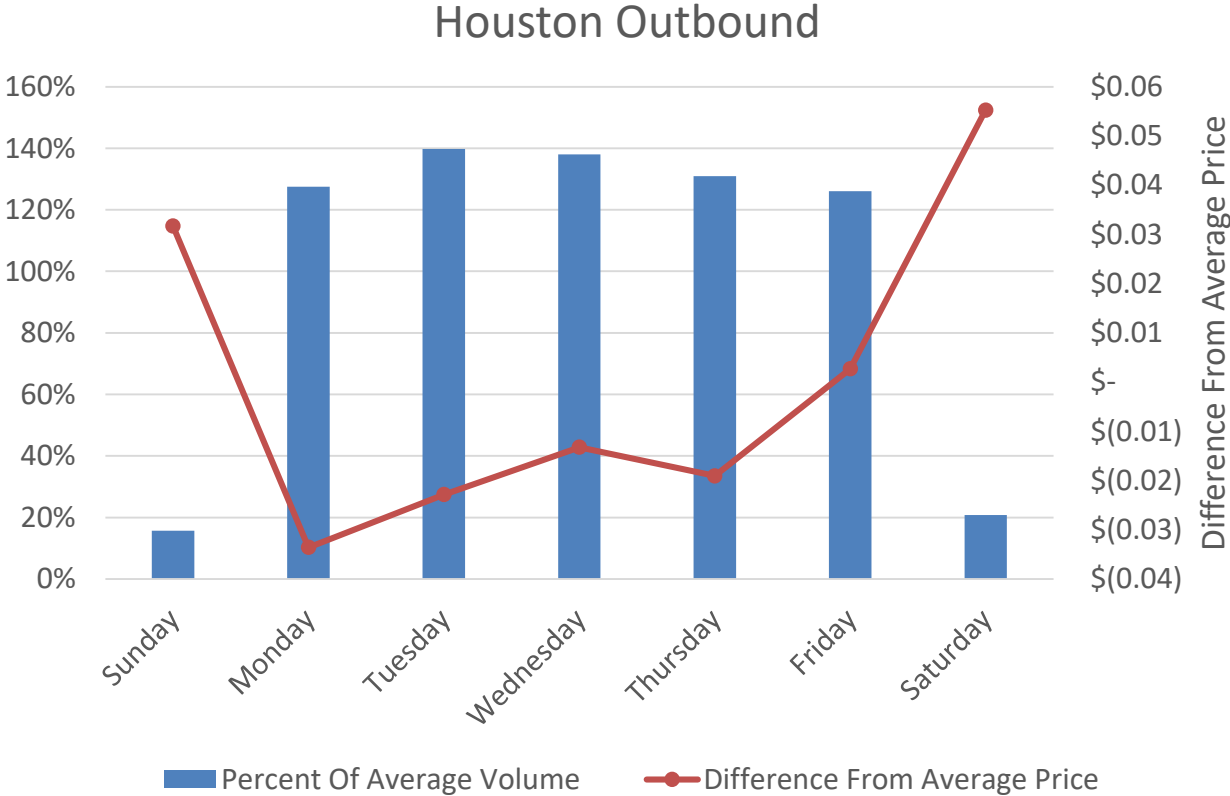
• Source: Truckstop.com, Transport Futures, FTR

# Directionality



• Source: Truckstop.com, Transport Futures, FTR

# Day Of The Week



• Source: Truckstop.com, Transport Futures, FTR



## About Noël Perry and Transport Futures

Noël Perry is the rare economist to specialize in freight transportation. He has followed that passion for over fifty years, beginning on a loading dock, then truck driving, airborne navigation in Viet Nam, study at Harvard University, market research at Cummins Engine, CSX and Schneider National, and now as a leading consultant.

You will see and hear his work frequently in the national logistical and business media and at conferences throughout the nation. In addition Noël is Chief Economist at Truckstop.com, the major load board.

You can contact Noël at the numbers to the left.

Noël is newly aligned with Susan Collins of 63<sup>rd</sup> and Eliot. Susan is working hard to make his work more accessible. You may contact her at [scollins@transportfutures.net](mailto:scollins@transportfutures.net) or at 770-654-7054



Transportation Analysis  
For The 21<sup>st</sup> Century

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