

ATRI

ATRI is the trucking industry's not-for-profit research organization, whose mission is to provide the data and analysis to improve the industry's safety and productivity

All of ATRI's research is available at no cost on our website:

www.TruckingResearch.org



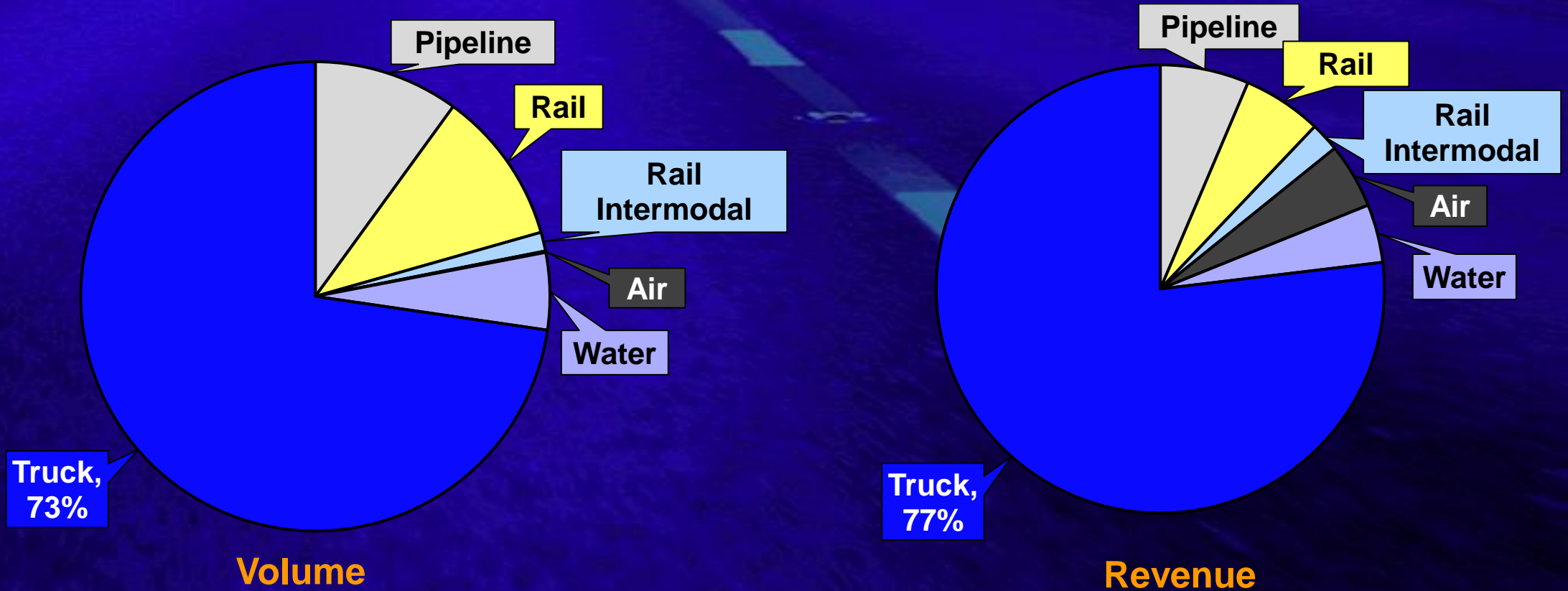
Board of Directors



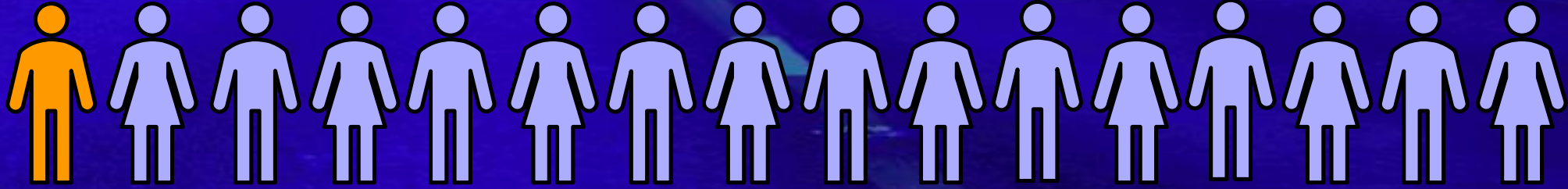
Research Advisory Committee



Freight Volume and Revenue by Mode



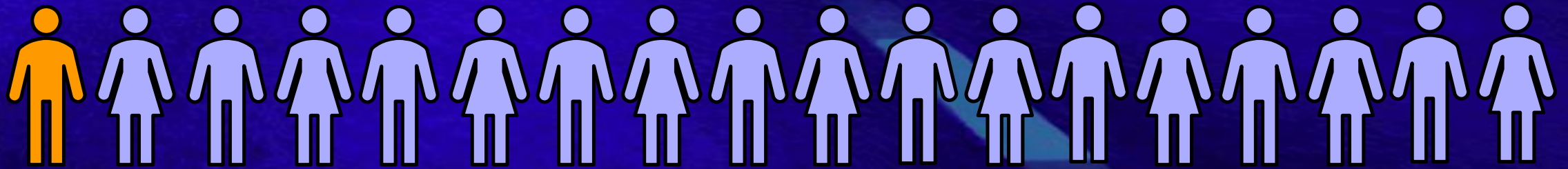
Source: Freight Transportation Forecast, 2024 to 2035



***1 in 16 jobs in the U.S. are in the
Trucking Industry***

Source: Bureau of Labor Statistics, 2023

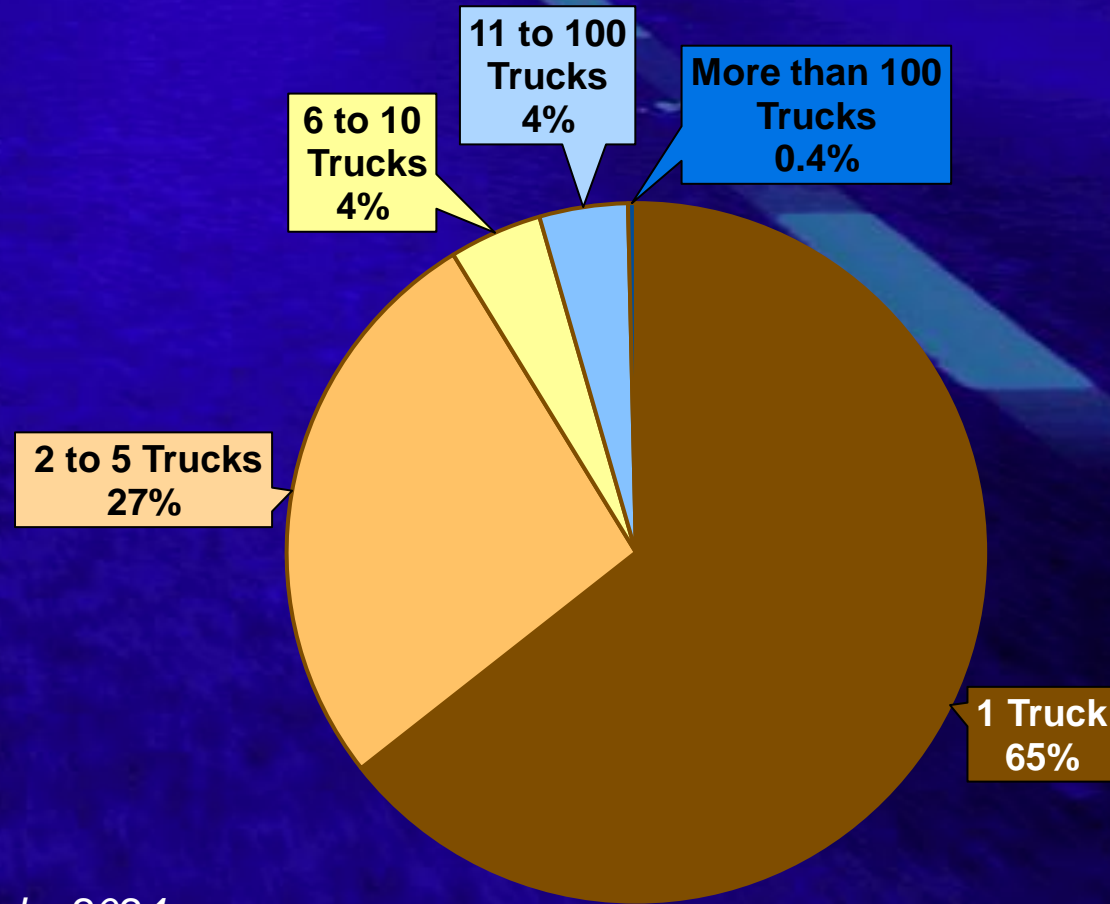
***Minnesota has 143,180 trucking jobs and
65,500 trucking companies.***



***1 in 18 jobs in Minnesota are
in the Trucking Industry***

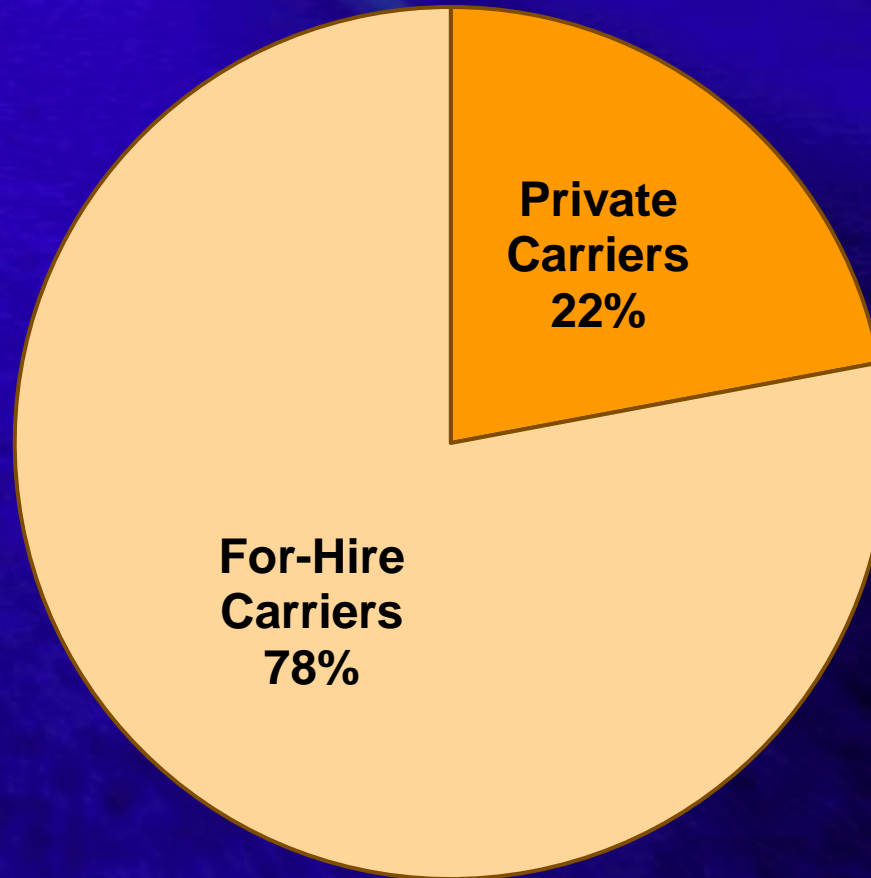
Source: Bureau of Labor Statistics, 2023

Distribution of Registered U.S. Motor Carriers Operating a Given Number of Trucks



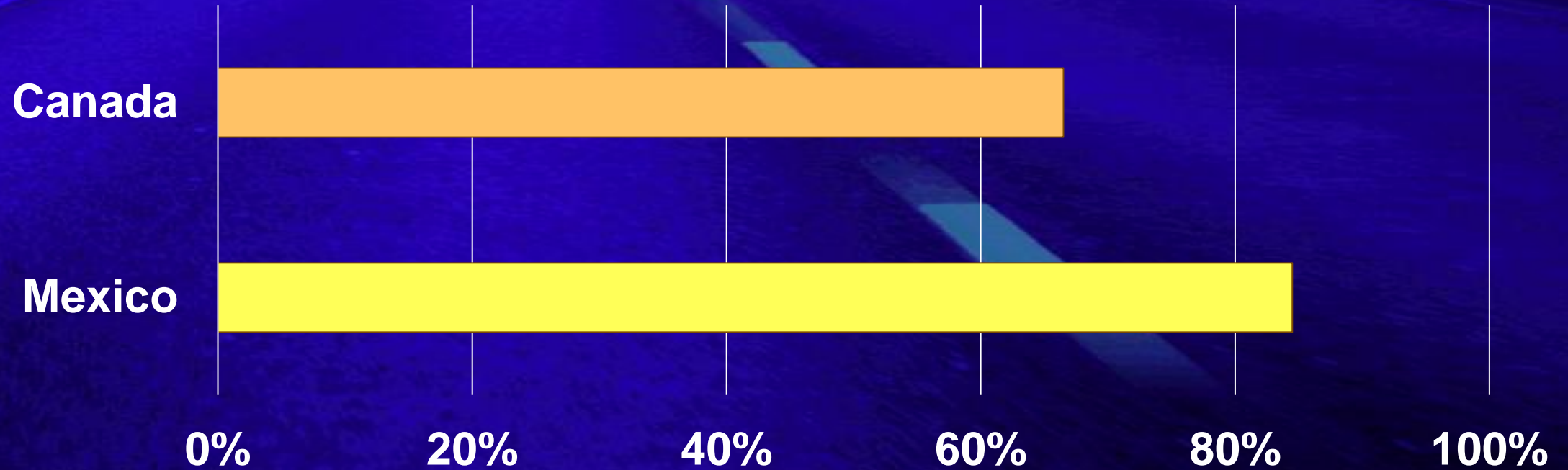
Source: American Trucking Trends, 2024

Trucking Segments



Source: American Trucking Trends, 2024

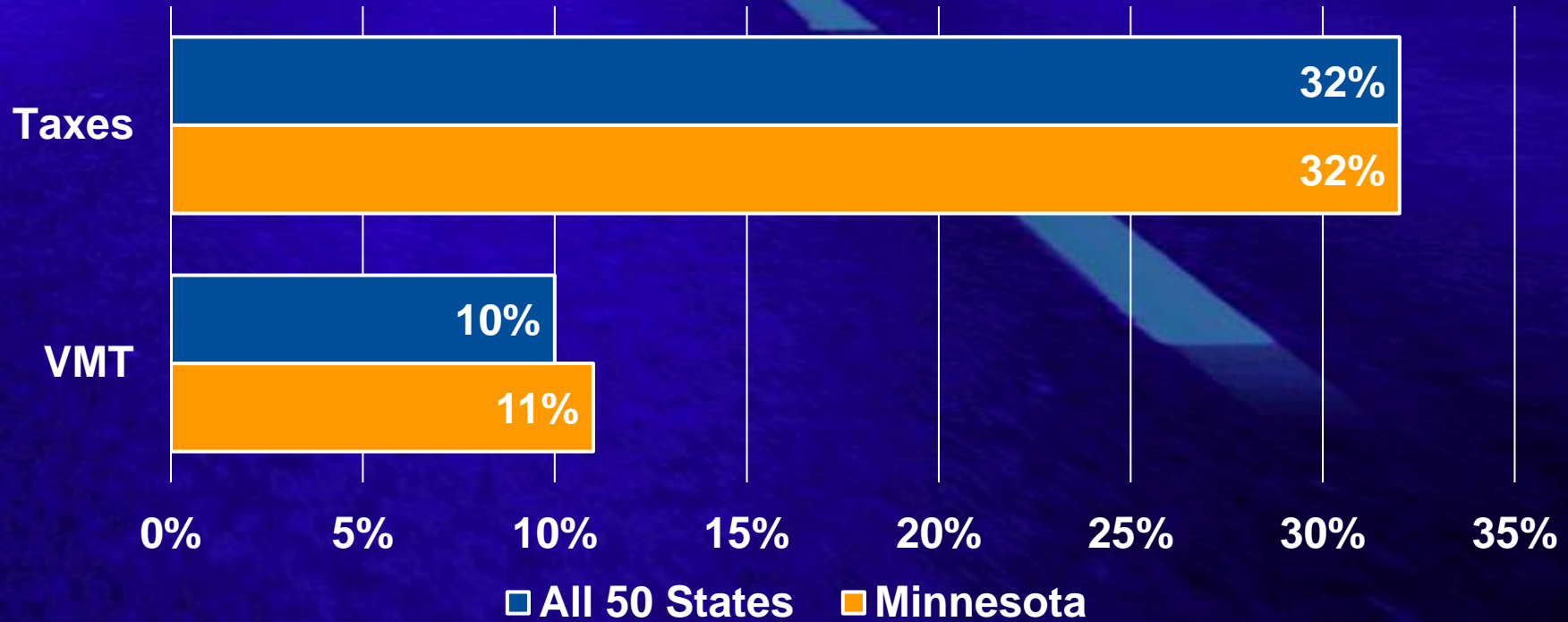
In 2023, trucks transported:



**Of the value of surface trade between
Canada/Mexico and the U.S.**

Source: American Trucking Trends, 2024

Trucking's Share of Taxes and VMT



Source: FHWA Highway Statistics Series, 2022

2024 Top Industry Issues

1. Economy (1)
2. Truck Parking (2)
3. Lawsuit Abuse Reform (6)
4. Insurance Cost/Availability (#9 in 2021)
5. Driver Compensation (5)
6. Battery Electric Vehicles (10)
7. CSA (#8 in 2022)
8. Detention/Delay at Customer Facilities (9)
9. Driver Shortage (4)
10. Driver Distraction (7)

CRITICAL ISSUES IN THE TRUCKING INDUSTRY – 2024



Prepared by
The American Transportation Research Institute
October 2024



Atlanta, GA • Minneapolis, MN • Washington, DC • Sacramento, CA

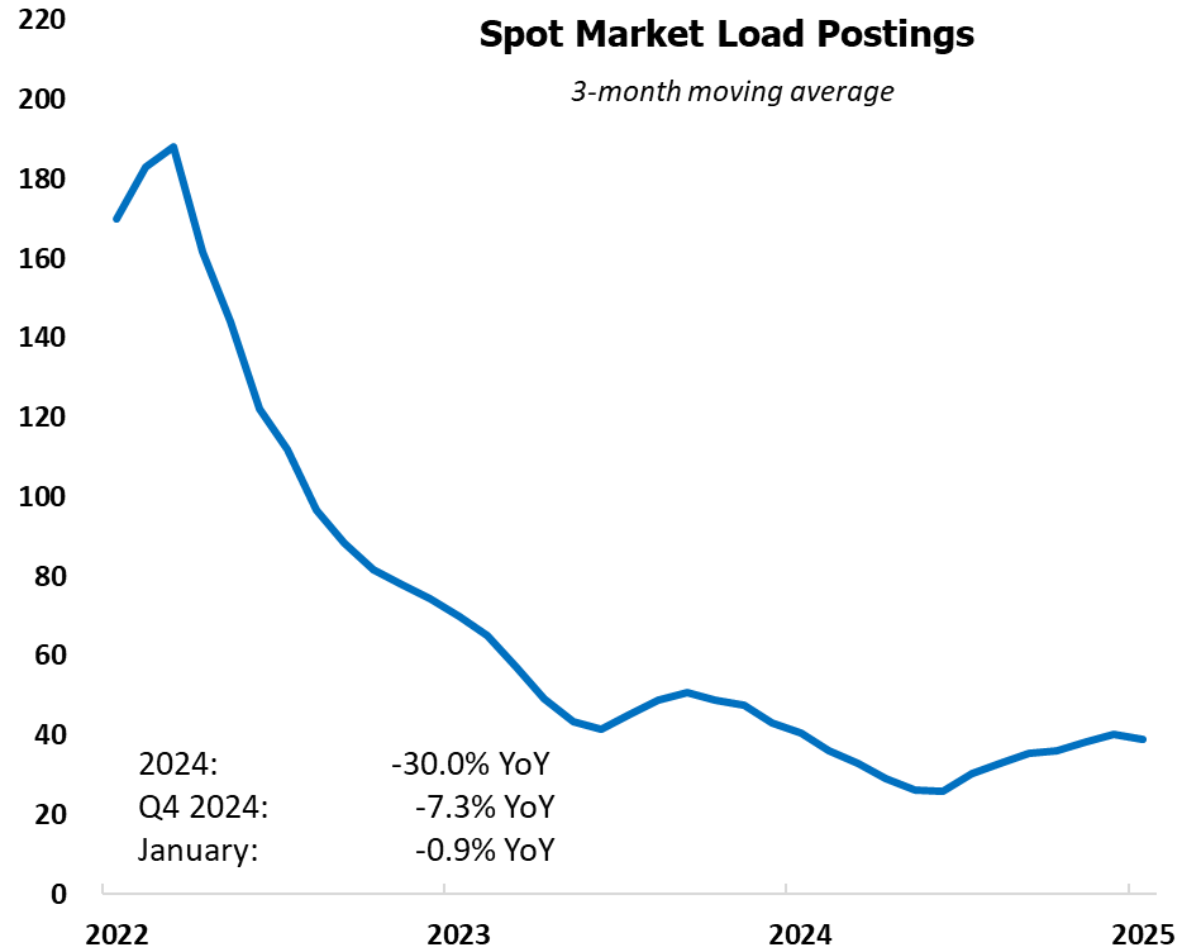
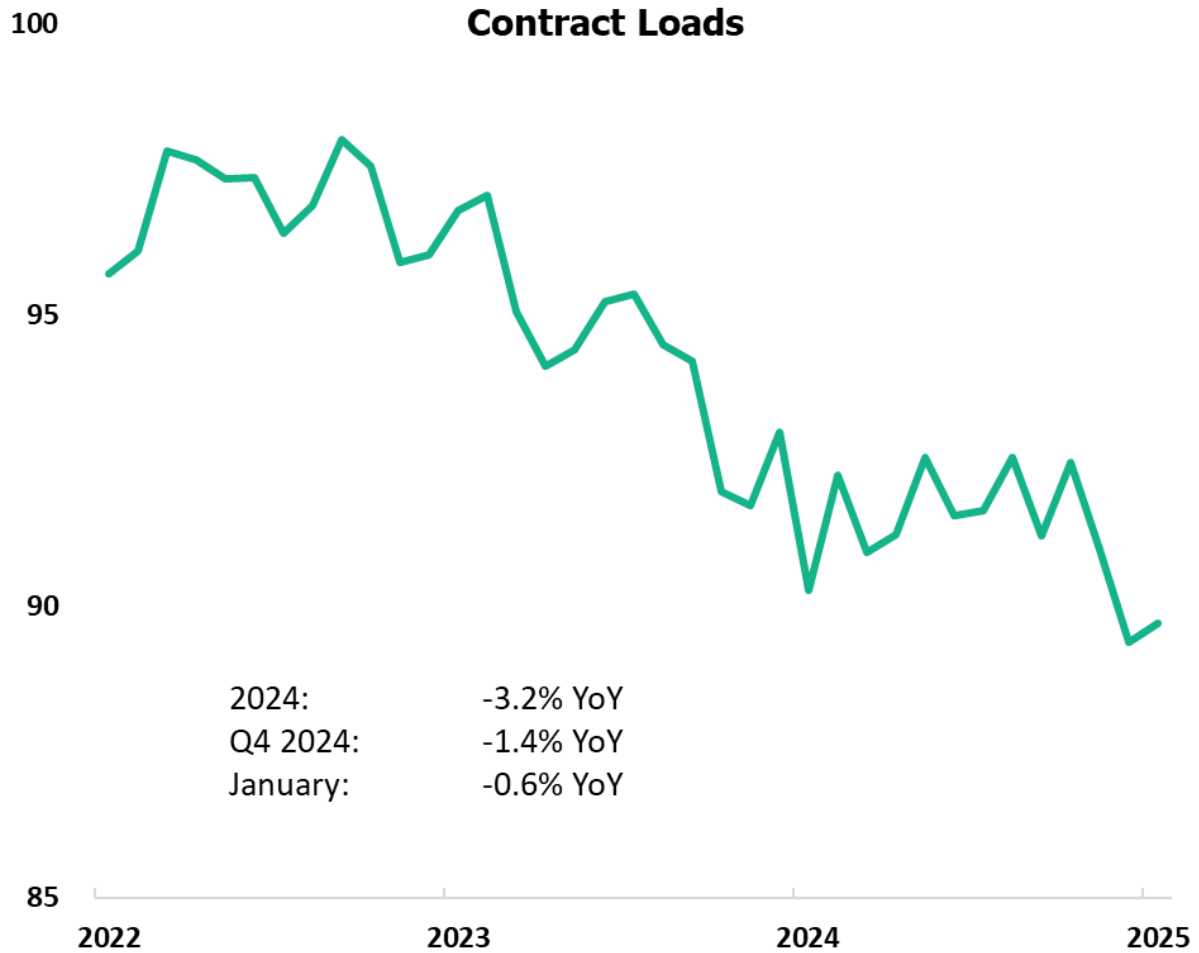
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2024 Top Industry Issues

Rank	Truck Drivers	Motor Carriers
1	Truck Parking	Economy
2	Driver Compensation	Lawsuit Abuse Reform
3	Economy	Driver Shortage
4	Detention/Delay at Customer Facilities	Insurance Cost/Availability
5	Speed Limiters	Driver Retention
6	Broker Issues	CSA
7	ELD Mandate	Truck Parking
8	Fuel Prices	Battery Electric Vehicles
9	Autonomous Trucks	Driver Distraction
10	Driver Training Standards	Diesel Technician Shortage

Truckload Loads

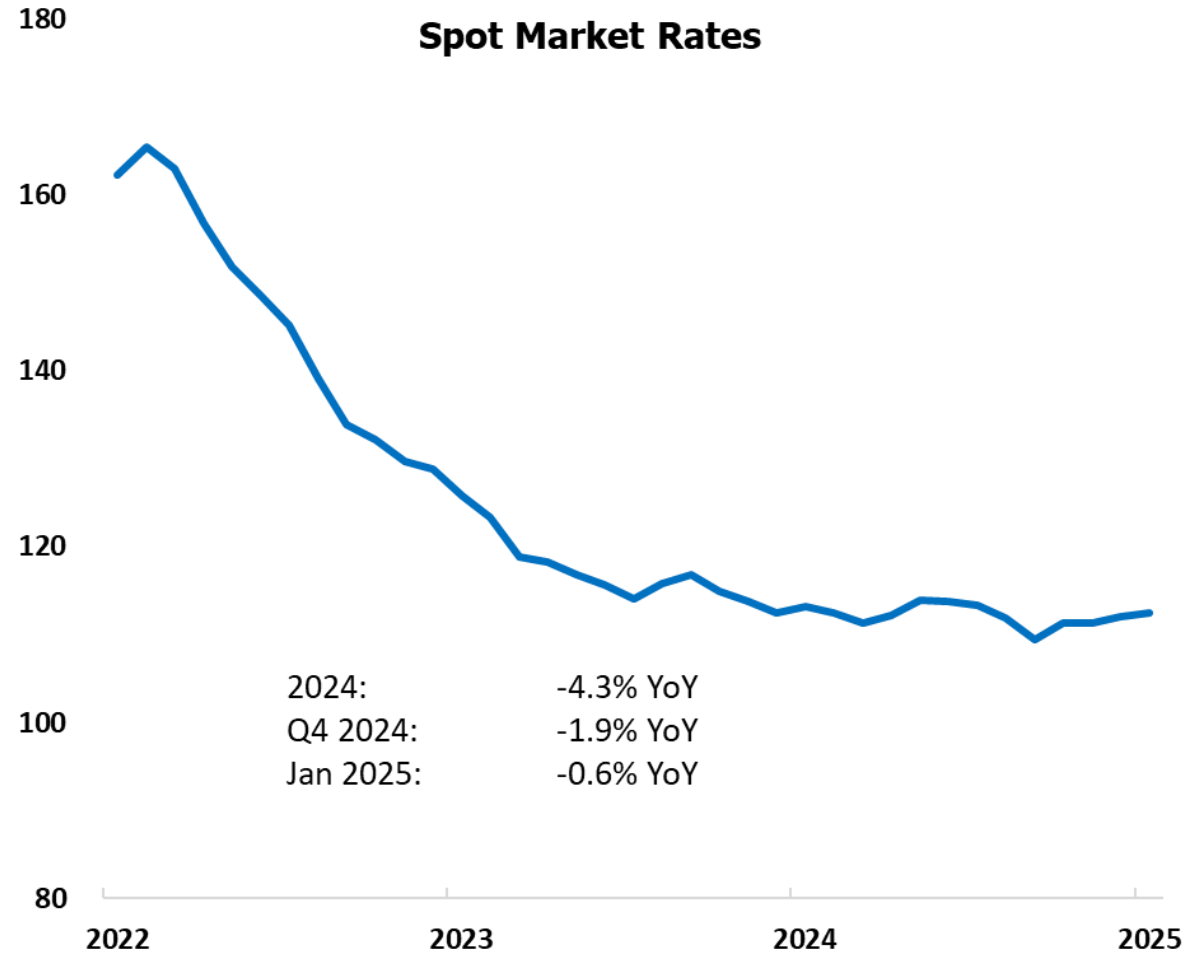
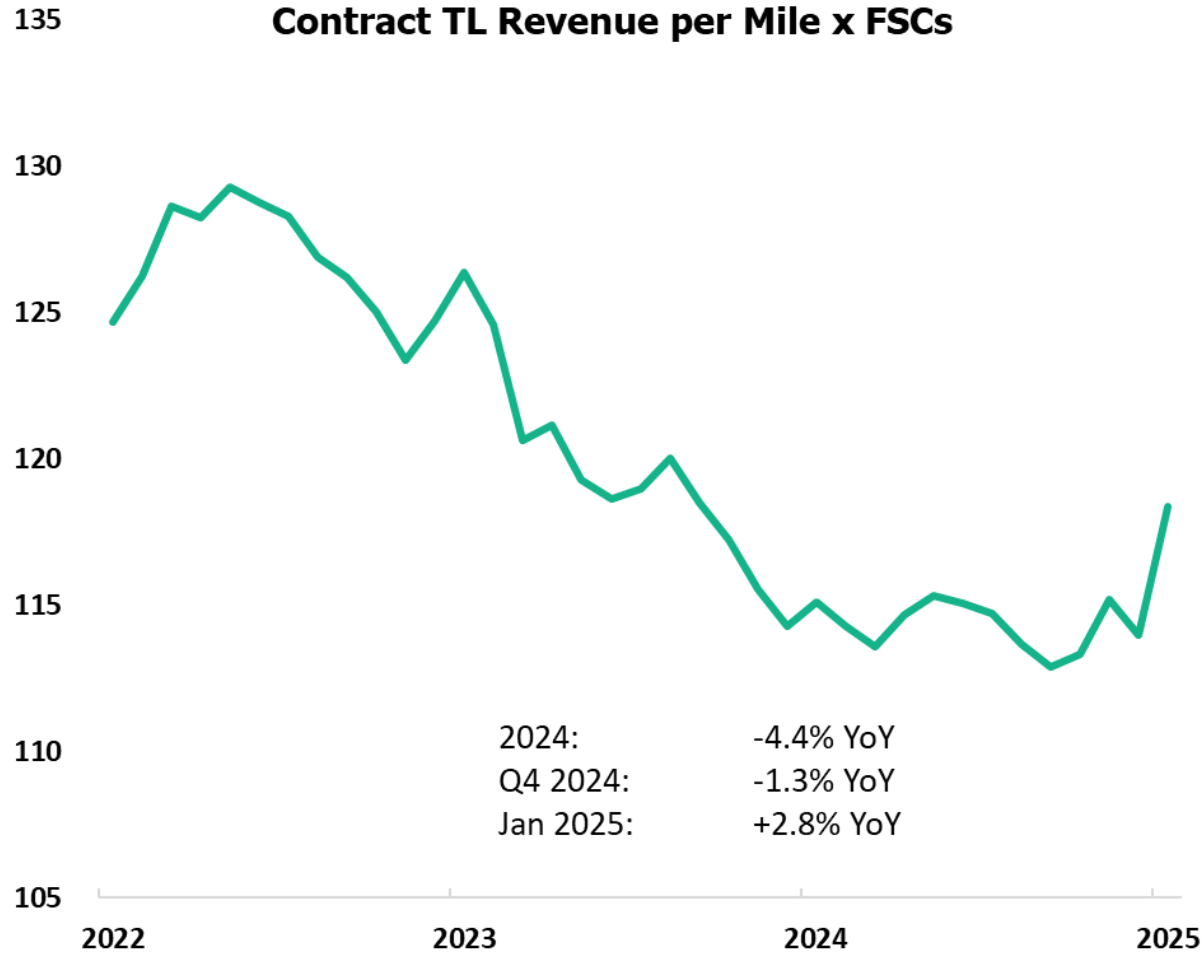
(Index; January 2020 = 100; Seasonally Adjusted)



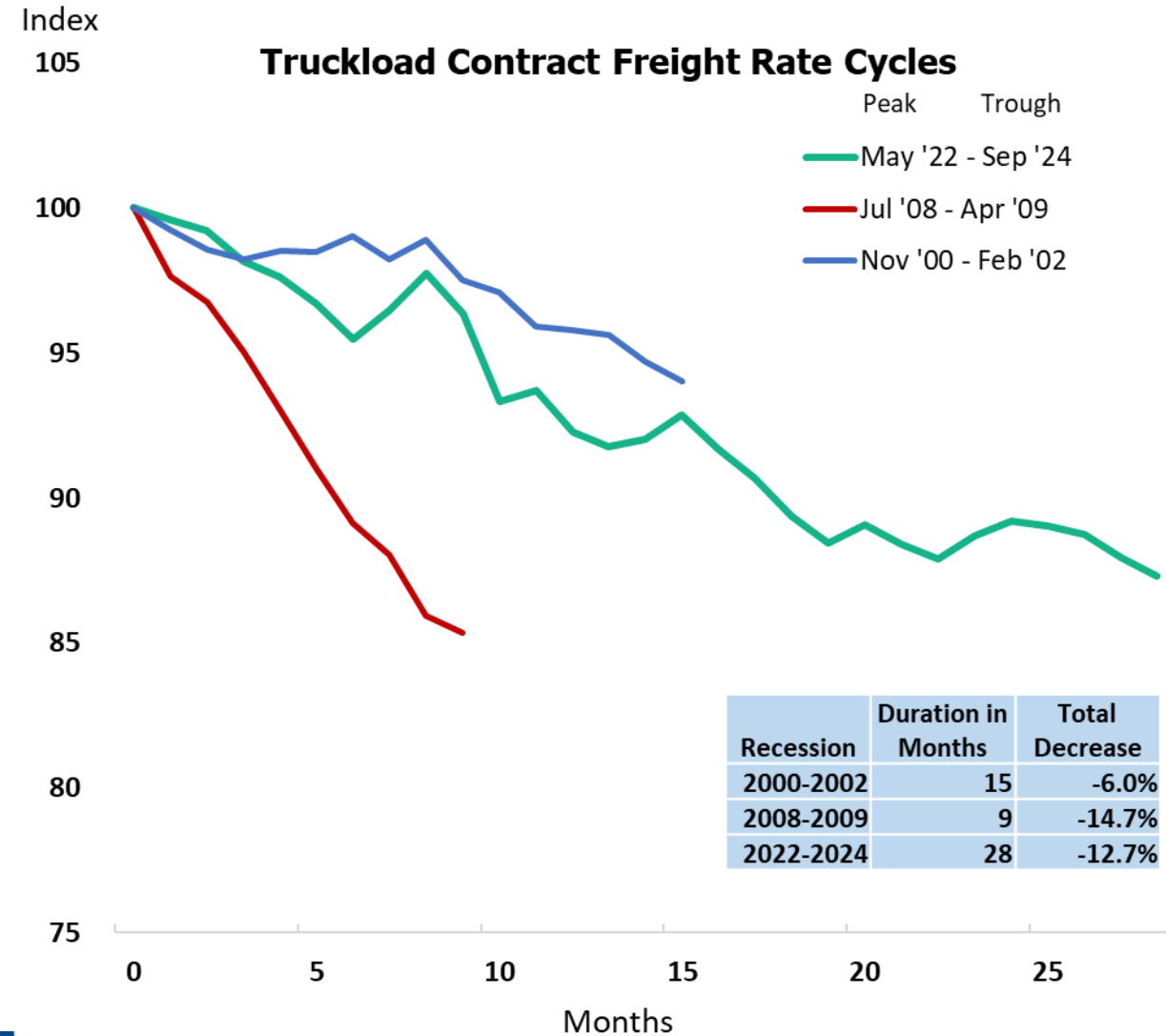
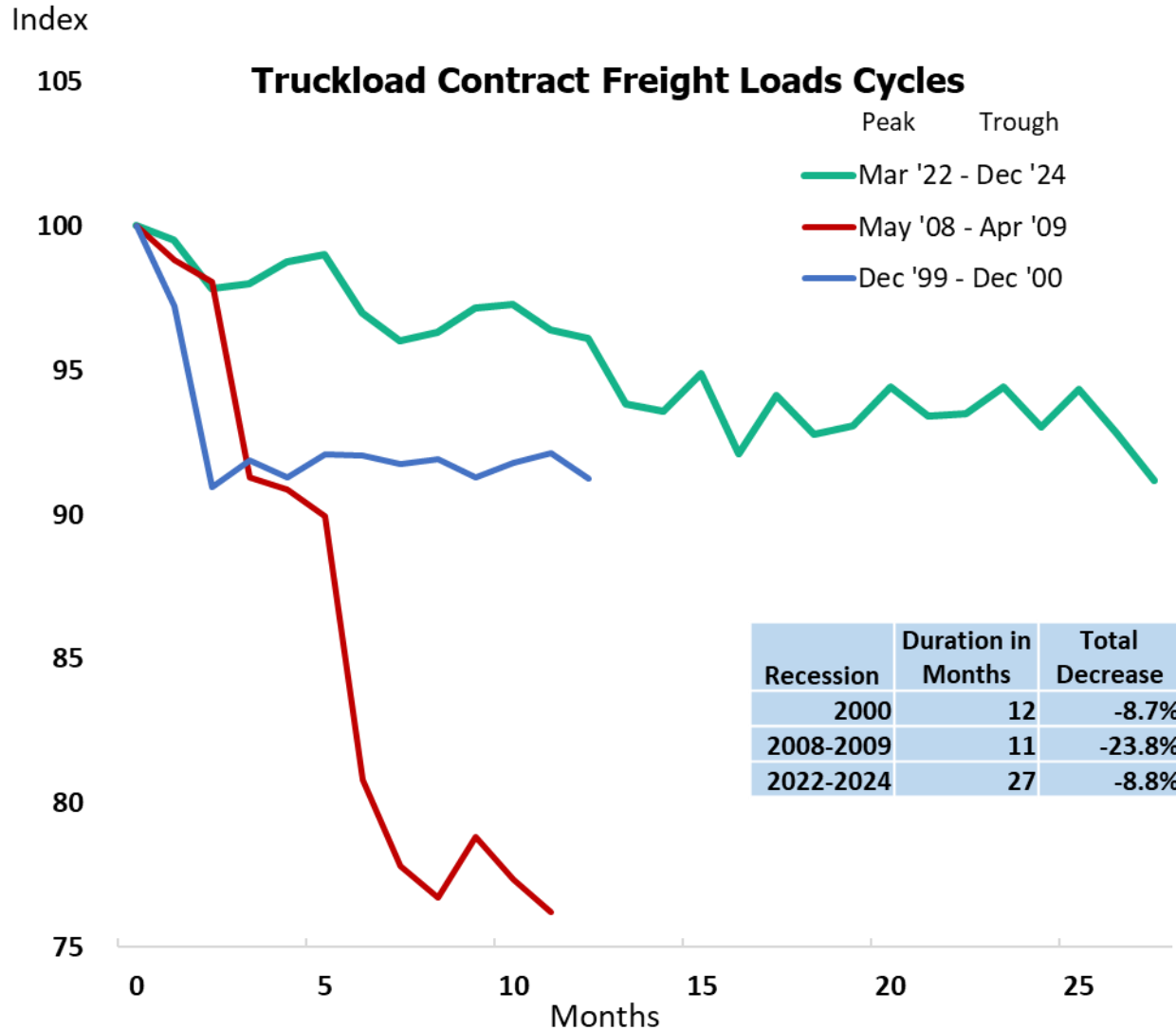
Includes all types of truckload freight.

Truckload Pricing Proxies

(Index; January 2020 = 100; Seasonally Adjusted)



How Bad was this TL Freight Recession?

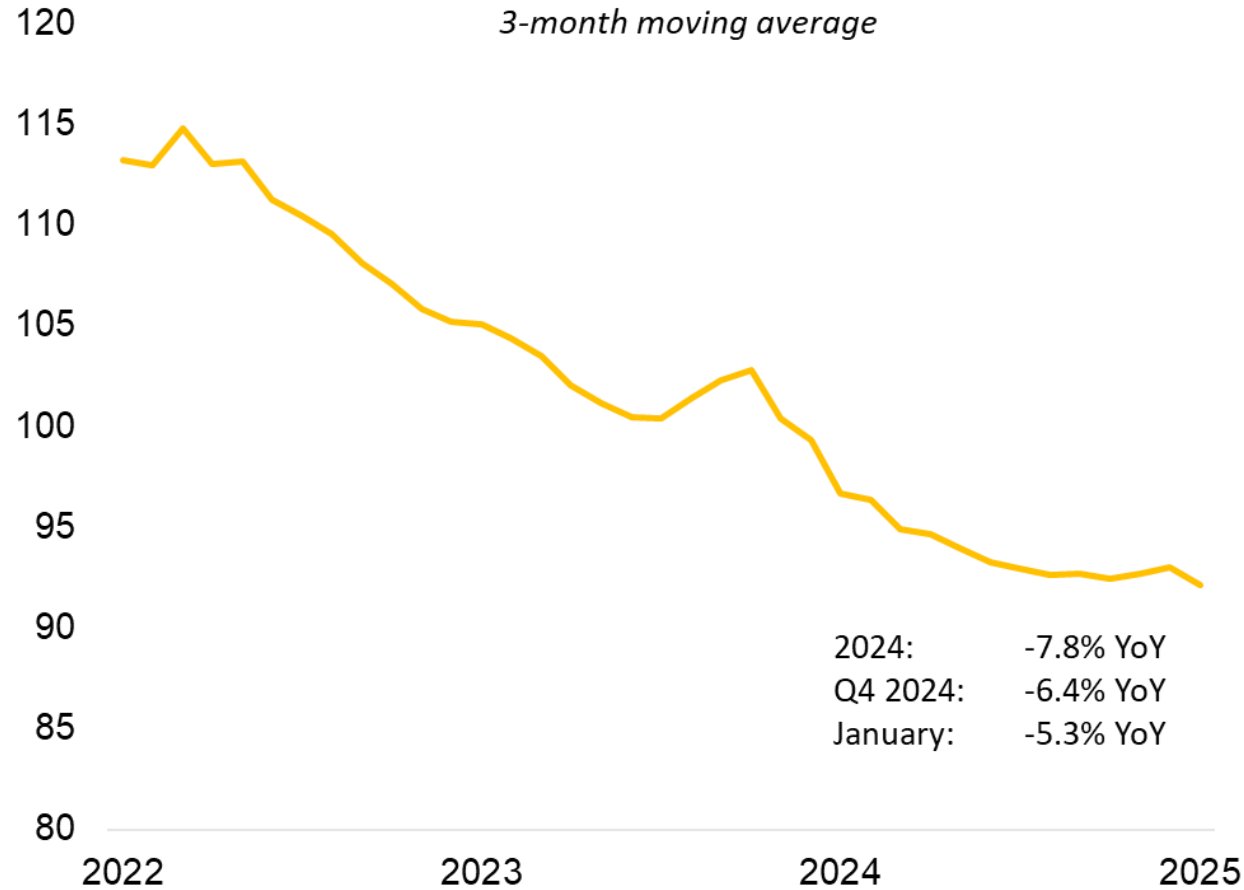


LTL Shipments and Tonnage

Index, January 2020 = 100

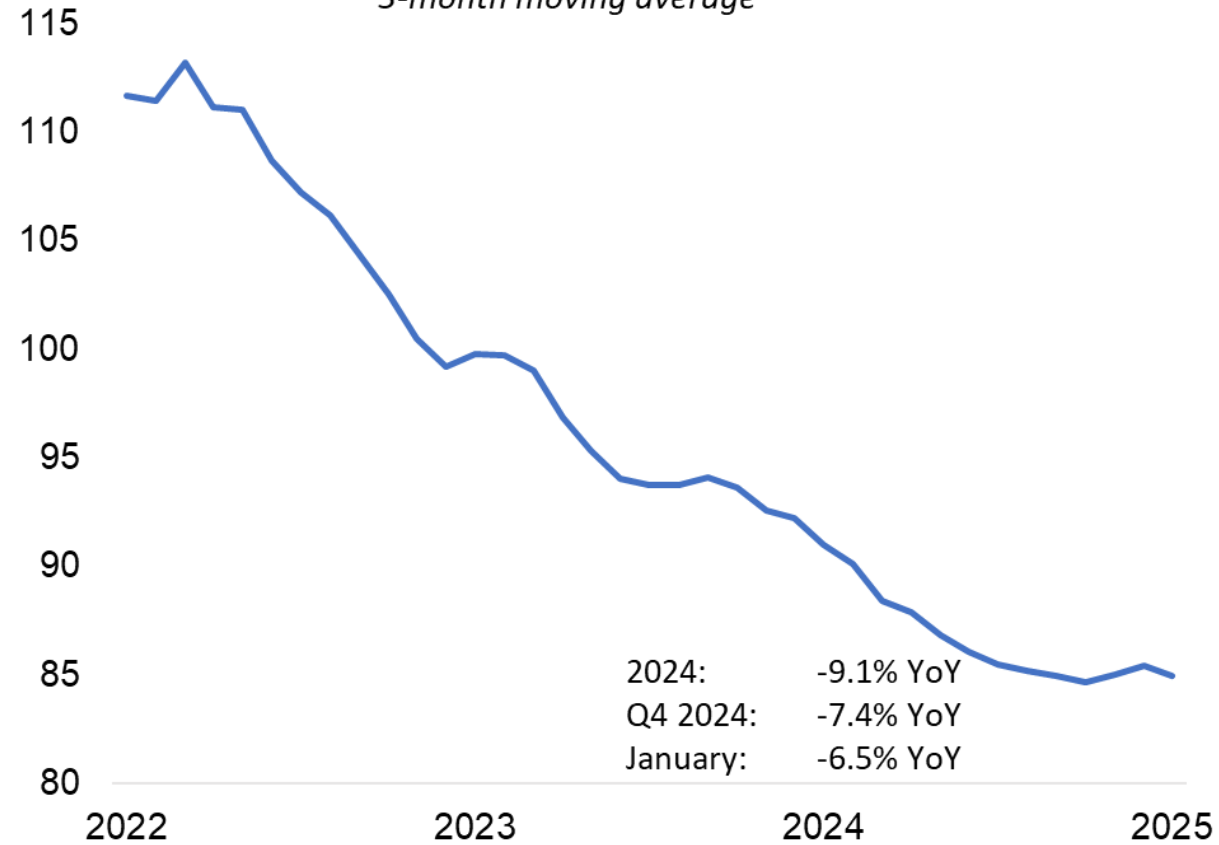
Shipments

3-month moving average



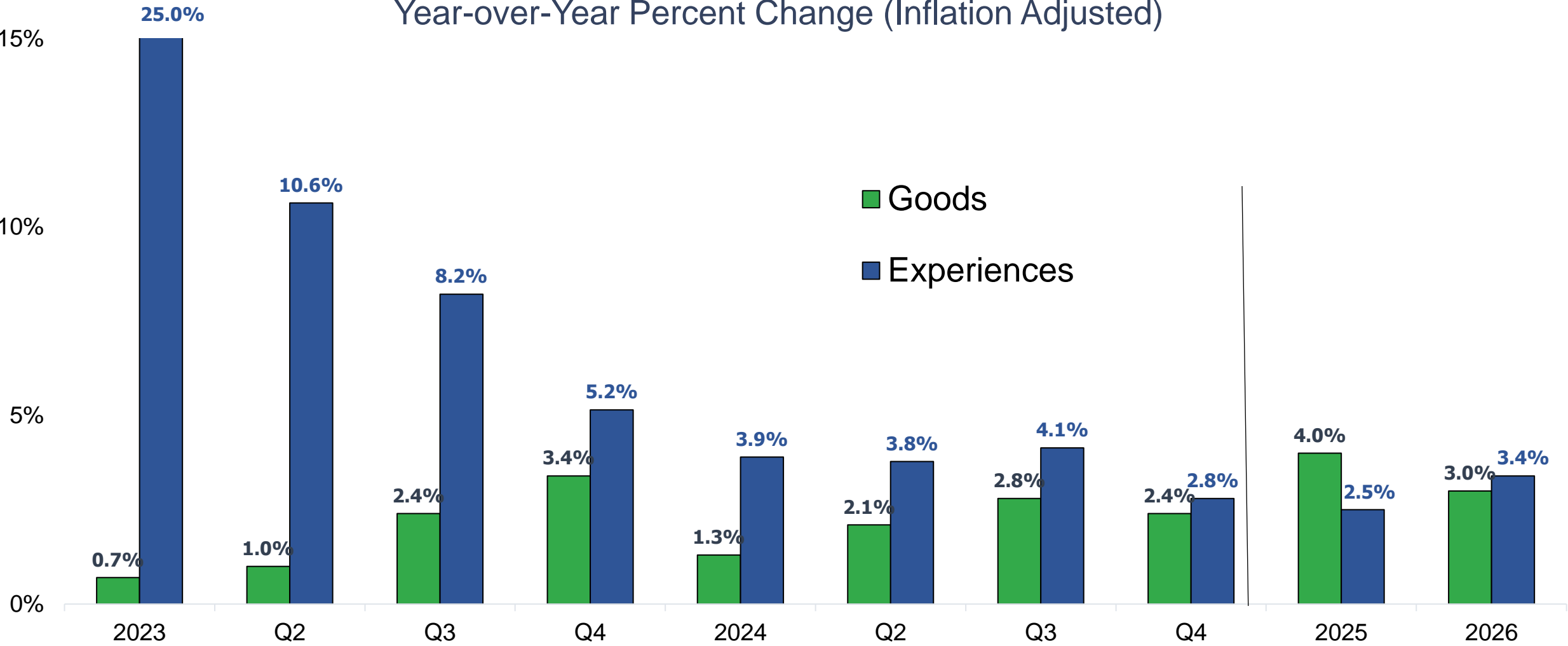
Tonnage

3-month moving average



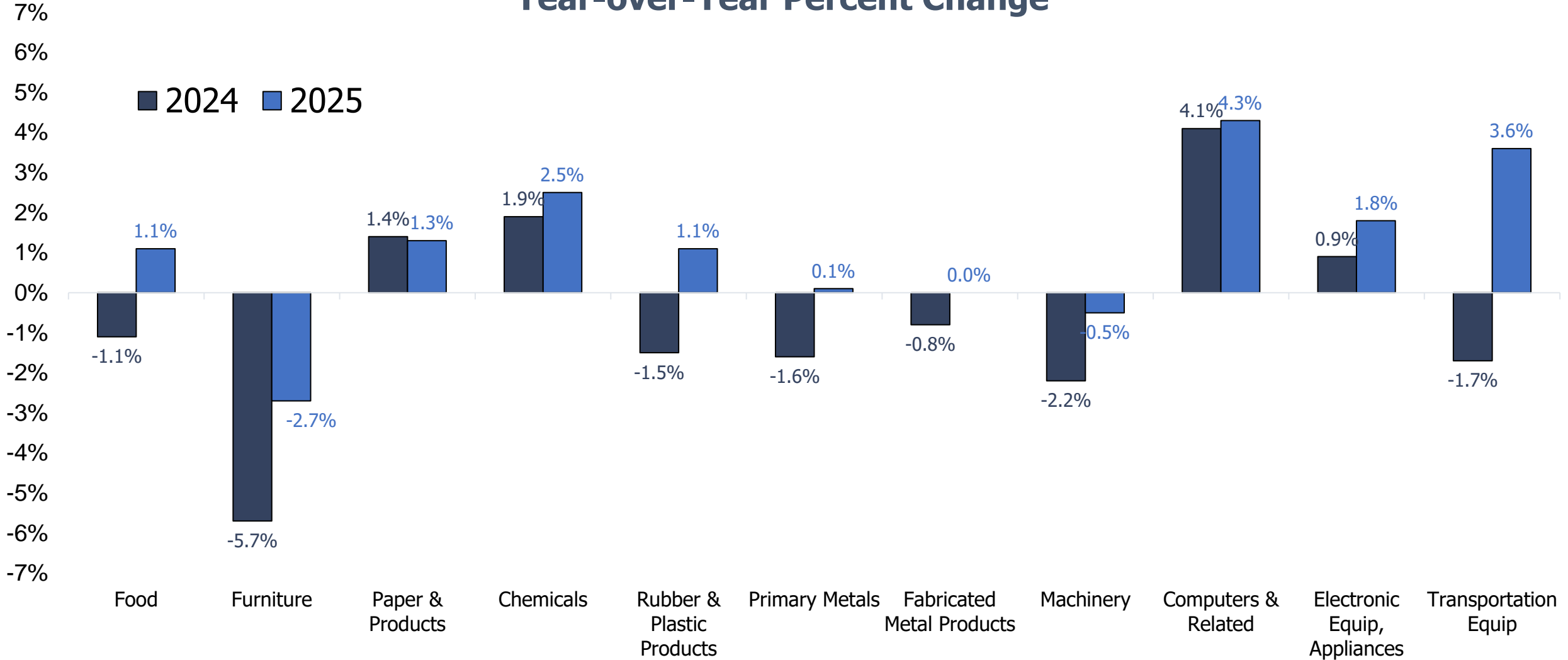
Consumer Spending – Goods vs Experiences

Year-over-Year Percent Change (Inflation Adjusted)



Factory Output by Sector

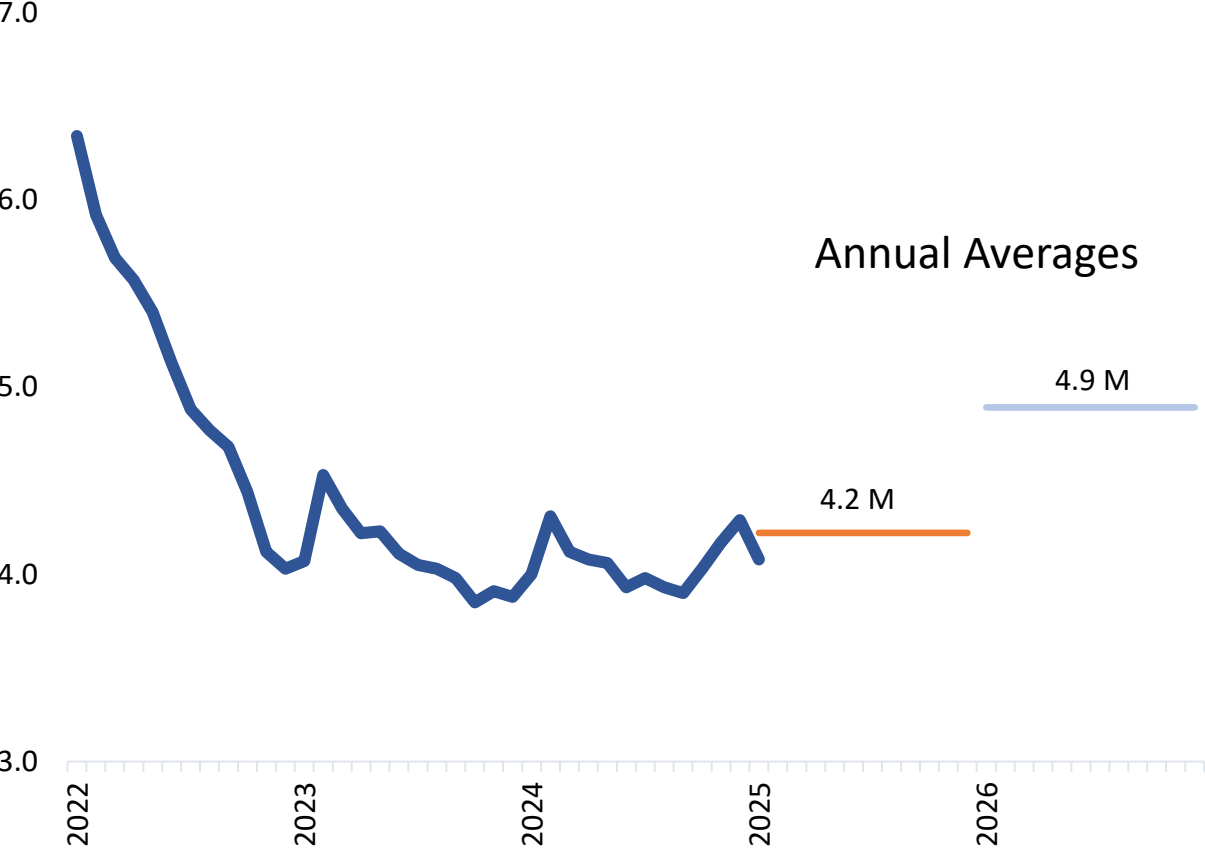
Year-over-Year Percent Change



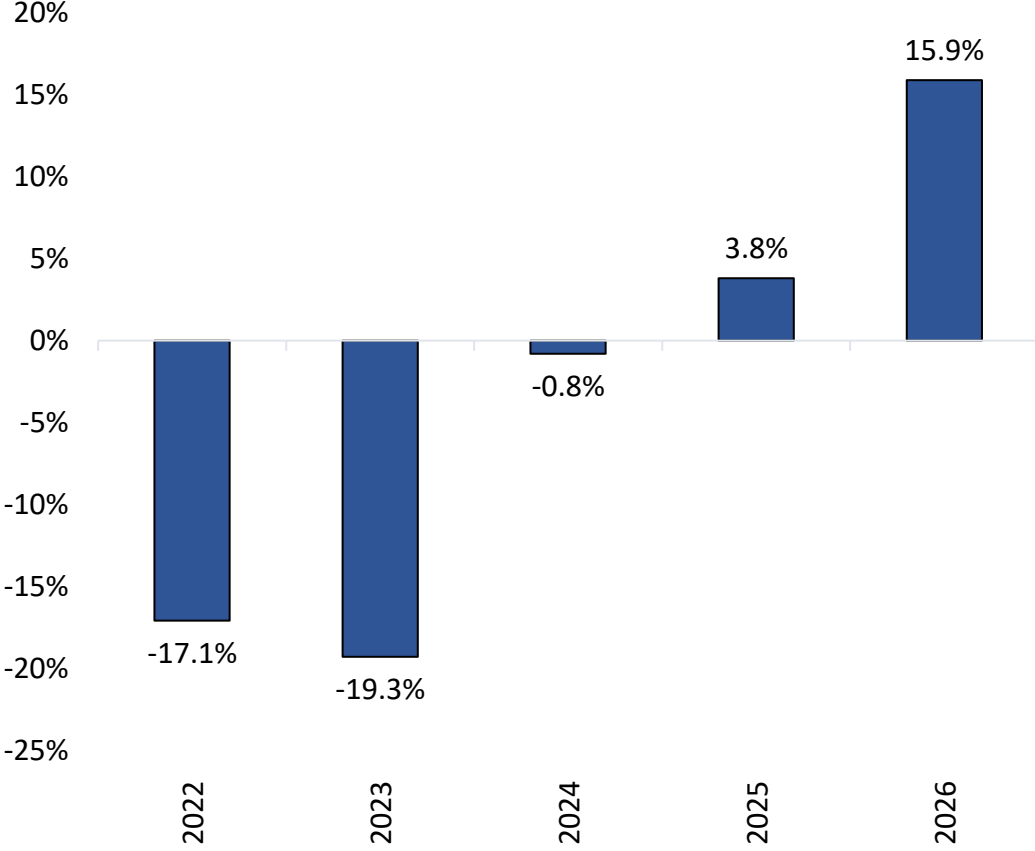
Housing Market

Existing Home Sales

Millions of Sales

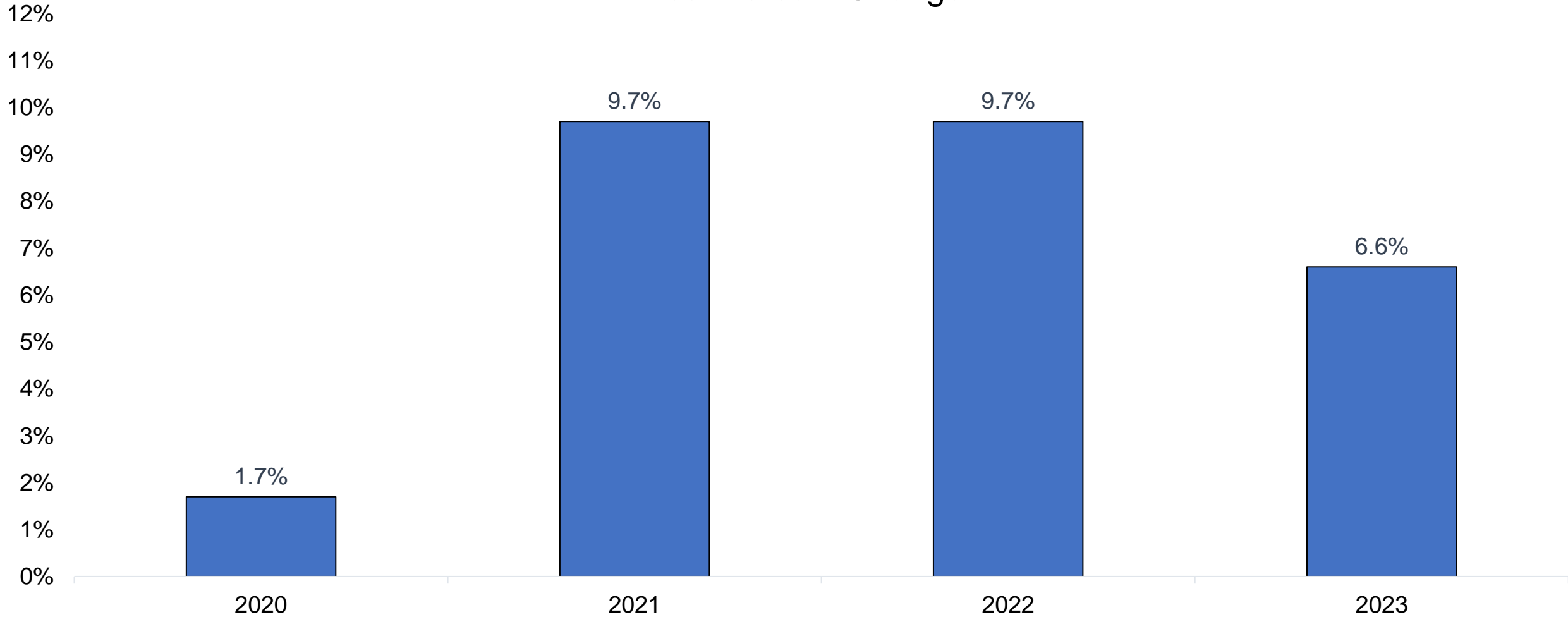


Annual Percent Change in Existing Home Sales



Operational Cost of Trucking for TL, LTL, & Specialized

Annual Percent Change



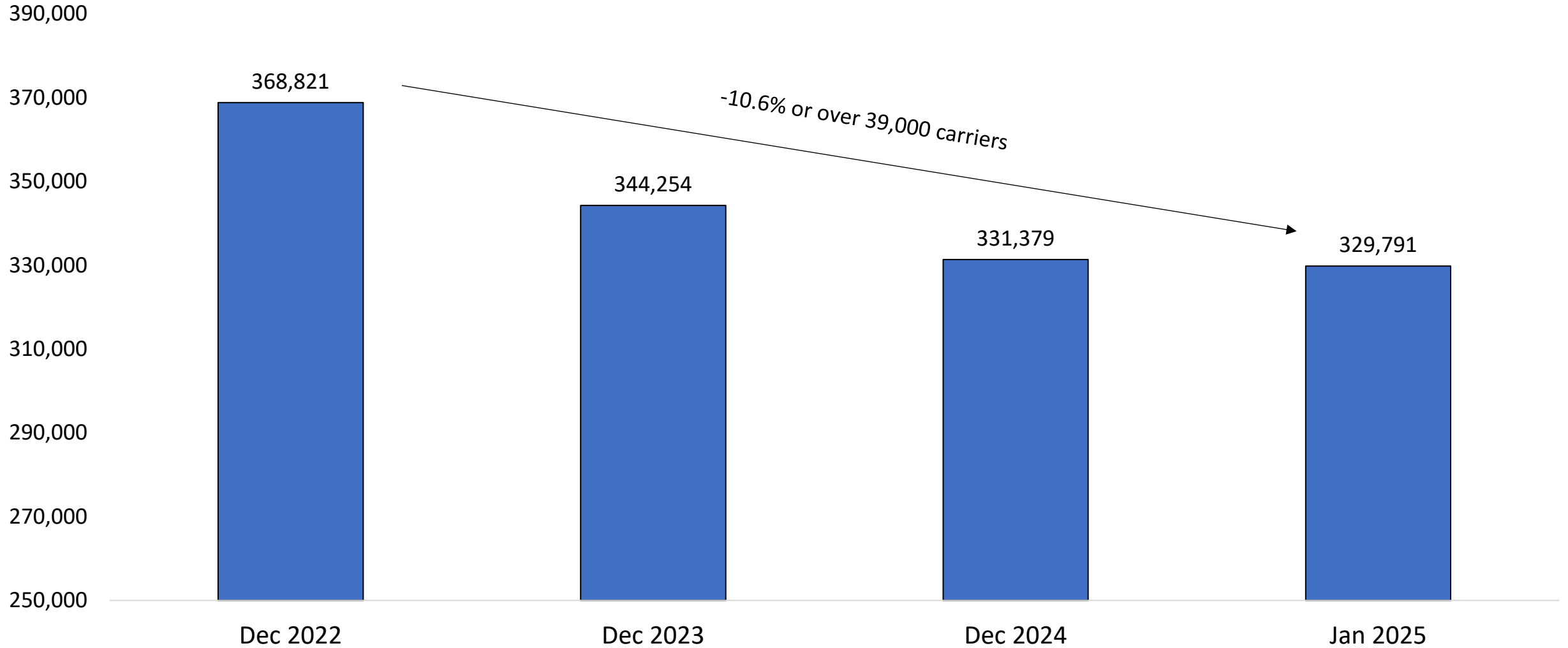
Includes: TL, Specialized, and LTL
Excludes Fuel Expenses



Average Carrier Costs per Mile

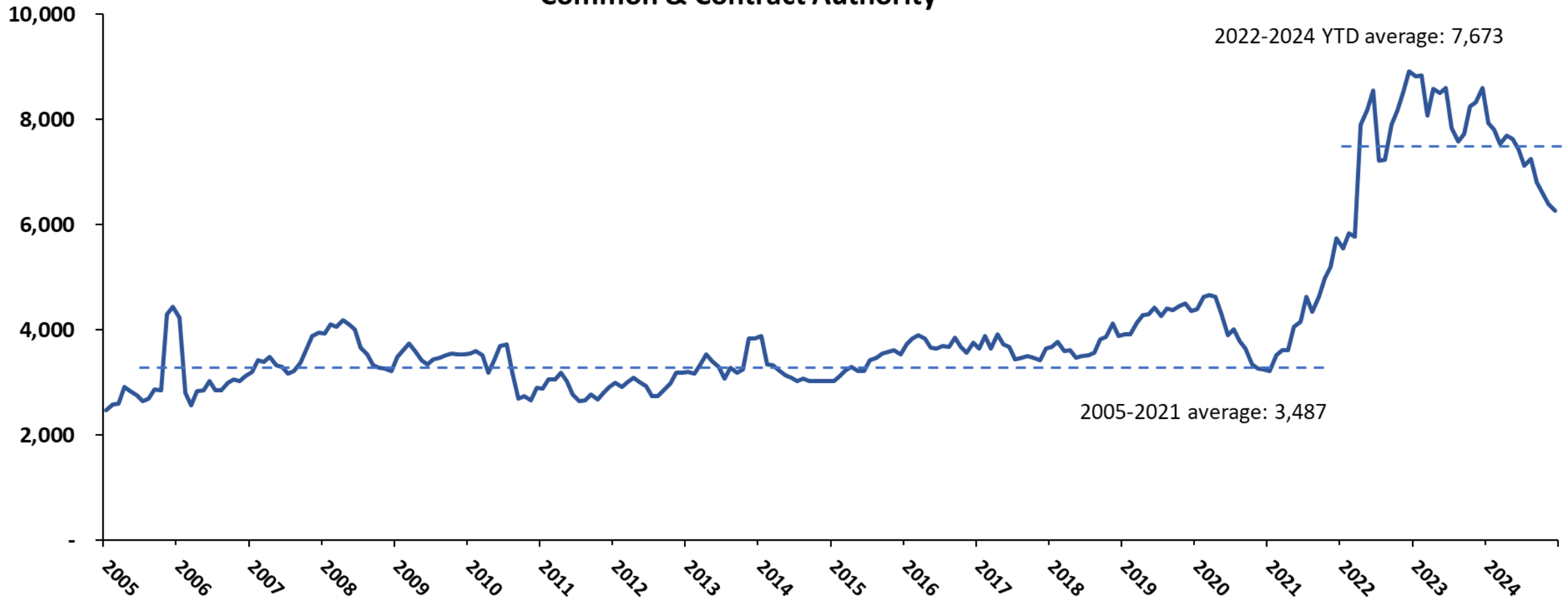
Motor Carrier Costs	2019	2020	2021	2022	2023
Vehicle-based					
Fuel Costs	\$0.384	\$0.308	\$0.417	\$0.641	\$0.553
Truck/Trailer Lease or Purchase Payments	\$0.256	\$0.271	\$0.279	\$0.331	\$0.360
Repair & Maintenance	\$0.149	\$0.148	\$0.175	\$0.196	\$0.202
Truck Insurance Premiums	\$0.071	\$0.087	\$0.086	\$0.088	\$0.099
Permits and Licenses	\$0.020	\$0.016	\$0.016	\$0.015	\$0.009
Tires	\$0.039	\$0.043	\$0.041	\$0.045	\$0.046
Tolls	\$0.035	\$0.037	\$0.032	\$0.028	\$0.034
Driver-based					
Driver Wages	\$0.554	\$0.566	\$0.627	\$0.724	\$0.779
Driver Benefits	\$0.190	\$0.171	\$0.182	\$0.183	\$0.188
TOTAL	\$1.699	\$1.646	\$1.855	\$2.251	\$2.270

Property Carriers with Interstate Operating Authority are Exiting the Market



Operation Authority Revocations

3-Month Moving Average Common & Contract Authority



Questions?

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