

## **Freight Movement Task Force**

December 15, 2022

**Luisa Fernandez-Willey**, Assistant Vice President Policy & Economics



#### Agenda

- Key Commodities
- Economic Indicators
- Freight Railroad Operations in Maryland

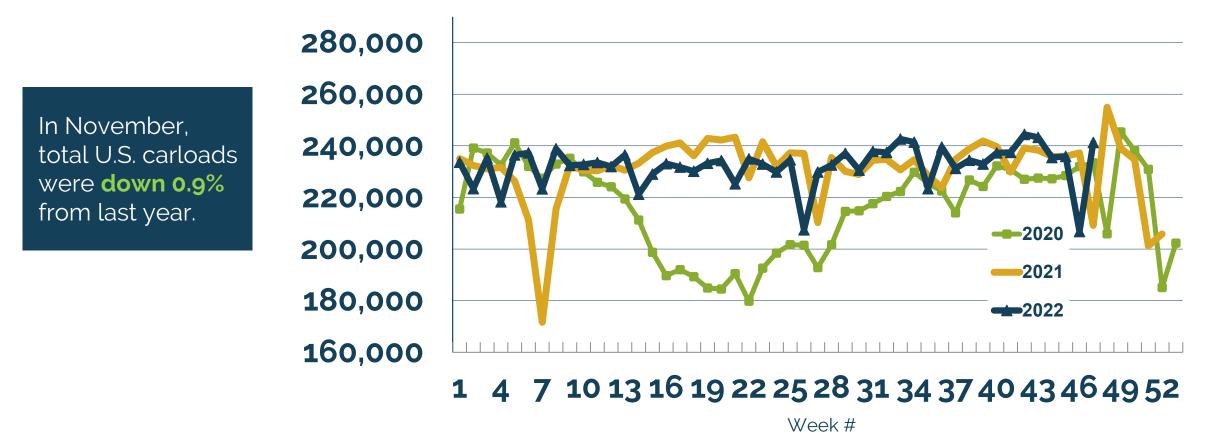




#### **Key Commodities**



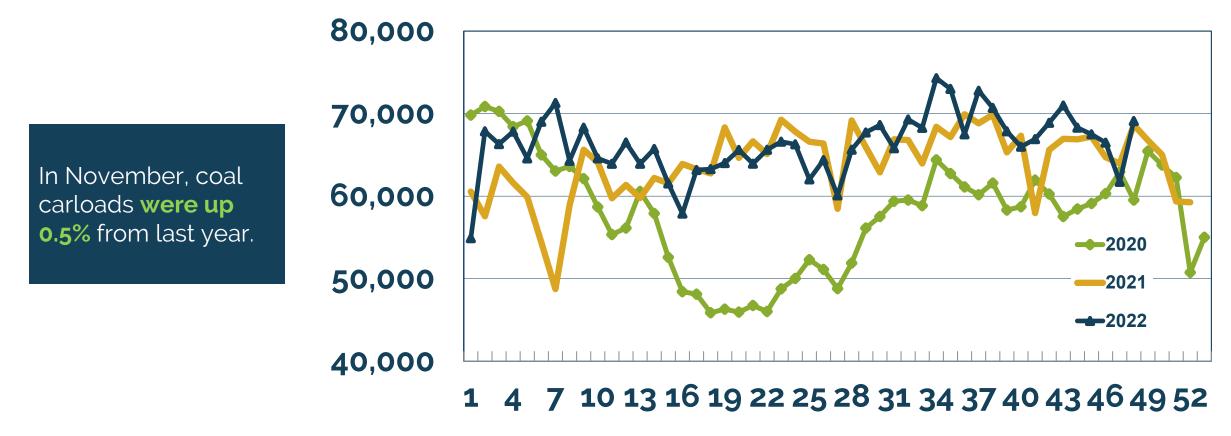
#### **U.S. Total Rail Carloads**



Data exclude intermodal and the U.S. operations of CN, CP, and GMXT. Source: AAR Rail Time Indicators



### **U.S. Rail Carloads of Coal**



Week #

Data exclude intermodal and the U.S. operations of CN, CP, and GMXT. Source: AAR Rail Time Indicators



#### **U.S. Rail Carloads of Grain**

32,500 30,000 27,500 25,000 In November, grain 22,500 carloads were **down** 20,000 **3.0%** from last year. 17,500 2021 15,000 **2022** 12,500

#### 1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52

Week #



Data exclude intermodal and the U.S. operations of CN, CP, and GMXT. Source: AAR Rail Time Indicators

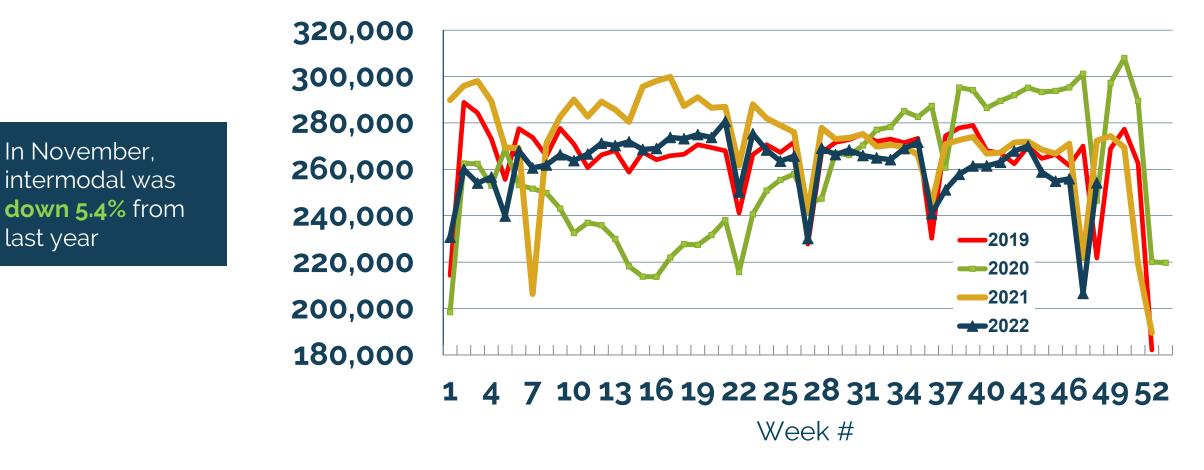
U.S. Industrial
<b>Products: Year-</b>
to-Date ප
Share of Total
Nov. 2022

Total = 4.46 millon

Chemicals 1,578 35%

Crushed Stone, Sand & Grvl 978 22%		Motor Vehicles & Parts 641 14%		
Primary Metal Products 393 9%	Stone, Clay & Glass Prod. 367 8%	Metallic Ores 253 6%	Pulp & Paper Products 251 6%	

#### **Intermodal: Containers & Trailers**



Data don't include the U.S. operations of CN and CP. Source: AAR Rail Time Indicators





#### **Economic Indicators**



#### **Recent GDP Growth**

40% 33.8% 30% 20% 10% 2.9% In 2022 Q3, Real GDP ᡖ╷╝╷╝╷╸╷╴╴╸,╸,╸,╸,╸,╸ 0% increased at an 4.5% annual rate of 2.9%. -10% -5.1% -20% -30% -31.2% -40% **Q**3 Q1 Q3 Q1 **Q**3 Q1 **Q**3 Q1 Q3 Q1 Q3 Q1 Q1 Q3 Q1 **Q**3 **Q**3 Q1 2016 2017 2018 2019 2022 2014 2015 2020 2021

#### % Change Over Previous Quarter



#### **GDP Forecasts**

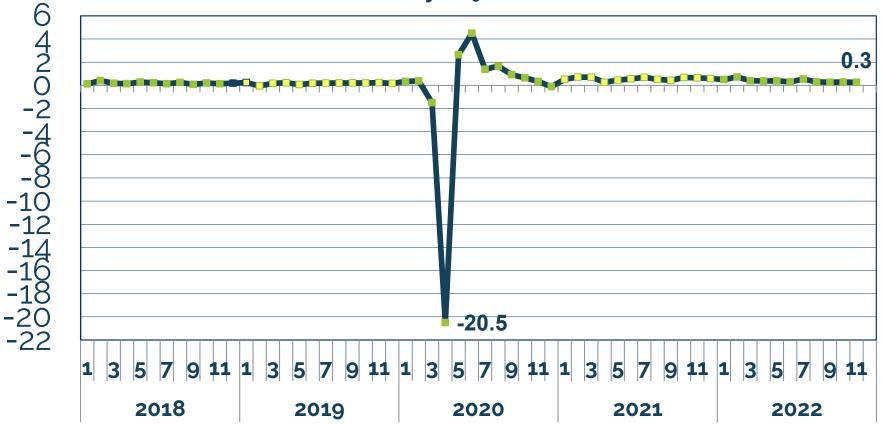
	Projecte	Date		
Forecaster	Q4 '22	Q1'23	Q2'23	Released
Fed Atlanta GDPNow	3.2%			Dec. 9
Fed Philadelphia	1.0%	0.2%	0.2%	Nov. 14
Wall Street Journal ©	0.4%	-0.2%	-0.1%	Oct. 17
Forecaster	2022	2023	2024	Released
Federal Reserve Bank	0.2%	1.2%	1.7%	Sept. 21
Fed Philadelphia	1.9%	0.7%	1.8%	Nov. 14
Wall Street Journal ©	0.2%	0.4%	1.8%	Oct. 17



### Net New U.S. Jobs Created

In November, U.S. economy **added 263,00 jobs**.

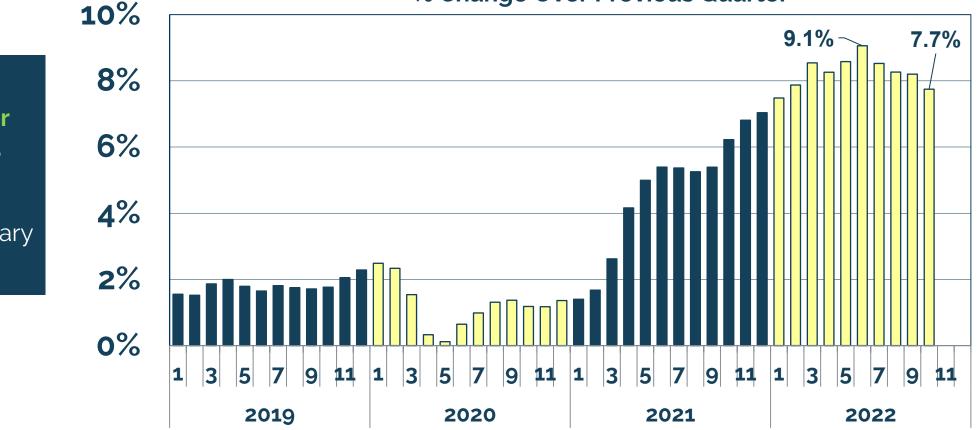
According to the BLS, most of the gains were in leisure and hospitality, health care, and government. Employment declined in retail trade and in transportation and warehousing



**Seasonally Adjusted, Millions** 



### **Inflation – Consumer Price Index (CPI)**



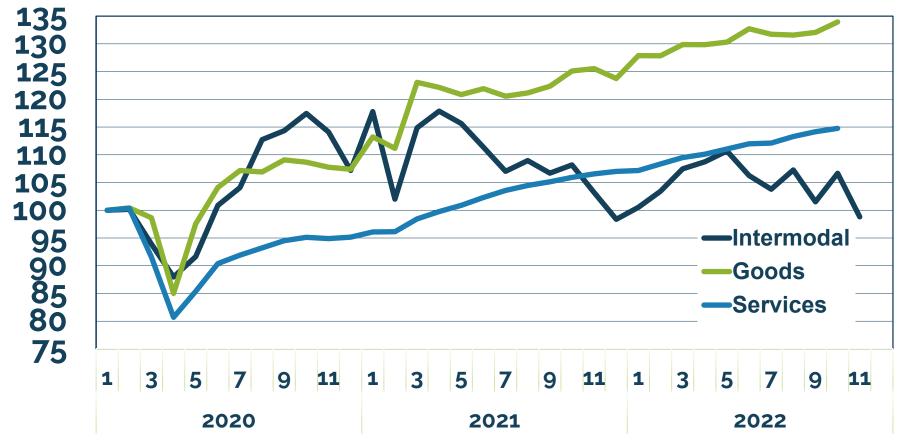
#### % Change Over Previous Quarter

In October, CPI was **7.7% higher** than a last year, it's the smallest year-over-year gain since January 2022.



#### U.S. Intermodal vs. Consumer Spending on Goods & Services

Jan. 2020 – Nov. 2022\* (Jan. 2020 = 100)





Consumer spending lines are based on seasonally adjusted annualized dollar values. Consumer spending is through Oct. 2022. Intermodal is U.S. originations. Sources: BEA, AAR



#### **Freight Operations in Maryland**



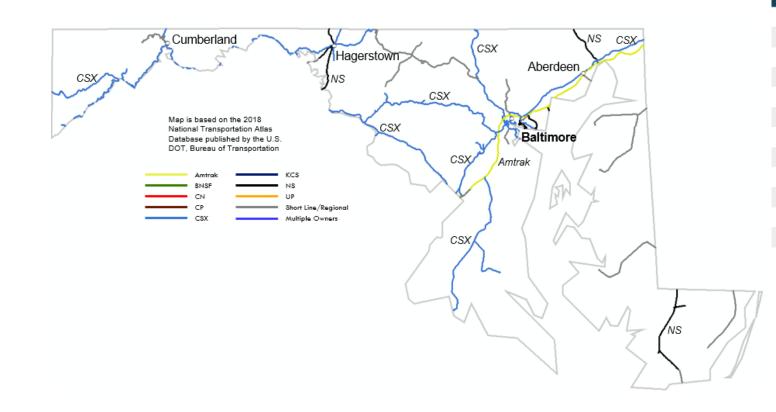
## **Freight Railroads in Maryland**





Source: Railroad Retirement Board, AAR analysis of industry data.

## **Freight Railroads in Maryland**



Railroad	Miles Operated in 2019
□ Short Line	259
Tradepoint Rail	12
Maryland Midland Railway	80
Maryland & Delaware Railroad	106
Georges Creek Railway	14
Delmarva Central Railroad	41
Canton Railroad	6
🗆 Regional	88
Wheeling & Lake Erie Railway	88
🗆 Class I	805
Norfolk Southern Corp.	259
CSX Transportation	546
Total	1,152



### **Rail Traffic Originated in Maryland**

Waste and Scrap	Coal	Other	Total Tons 4.4M	б	Total Carloads 76K	
			Commodity	Tons Originated	Cars Originated	
			Waste and Scrap	1.2M	13K	
			Glass and Stone Coal	1.0M 0.8M		
28%			Other	0.7M	•	
			Intermodal	0.5M		
Glass and Stone	19%	15%	Metallic Ores	0.3M	3К	
	Intermodal	Metallic O				
22%	10%	6%				



#### **Rail Traffic Terminated in Maryland**

Coal	Other	Total Tons 31.8M		l Carloads 78.7K
		Commodity	Tons Terminated ▼	Cars Terminated
		Coal	23.1M	198K
		Other	4.8M	142K
		Nonmetallic Minerals	2.7M	26K
	15%	Chemicals	1.3M	14K
	Nonmeta Ch			
73%	8% 4%			



Source: AAR analysis of industry data.

# The Association of American Railroads

