ARBOR DATA SCIENCE

Global Supply Chain Update

October 5, 2022

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A Division of

News Highlights

Supply chain problems are forcing retailers to <u>implement stricter shipping policies</u>.

As Europe looks to LNG to help it through the winter, the cost of transporting it is <u>skyrocketing</u>.

The Nord Stream gas leak in the Baltic Sea <u>has stopped</u> after explosions damaged the pipeline last week.

Global Container Rates

 Container rates further plunged last week with the composite at \$4,014 per 40 ft container. This rate has not been below \$4,000 since December 2020. An exception to the rule was the Rotterdam to New York rate which rose last week and remains close to record-high levels.



US Trucking Rates

• Trucking rate movements varied region to region. The top rate in the Midwest rose to \$2.76 per mile on average.



US Trucking Demand

• Flatbed trucking demand remains muted across the US with not much change in the past several weeks.



Most-Watched Supply Chain Metrics

• Our "most-watched" metrics are mostly headed toward mean reversion.



How Much Capacity is There? - 8/31/2022

Vertical line marks maximum capacity since 2016

8/31/2022 Show history

Sector	Industry											
Extraction	Coal Mining		-71-							- 9		
& Mining	Metal Ore Mining	-60	-					-20				
	Oil & Gas Extraction					-97						
	Support Activities For Mining			-78			_					
Raw	Fabricated Metal Products			-79								-
Materials	Iron & Steel Products		-	76								_
	Nonmetallic Mineral Products			80								-1
	Stone & Earth Minerals				90						-3	
	Wood Products			80							-4	
Distributed	NonChemical			-82								0
Products	NonPaper				-88						_	1
	Semiconductors			80	-					-9		
Textiles	Textile Mills		67—		•					-9	_	
	Textile Product Mills		73							8		
Finished	Aircraft & Other Transportation		74						-		-7	
Goods	Apparel			76								-1
	Beverage & Tobacco Product		-72									-0
	Communication Equipment	-63	-									
	Computers & Peripheral Equipment					-97						0
	Electrical Equip Appliances & Comp			82								
	Furniture & Related Products								1	3	_	
	Machinery			-84	-							
	Motor Vehicles & Parts	-	- 7	5 Ĭ					_	-9		
	NonFood Beverage & Tobacco			79							-3	-
Other	Food			81-							-4	-
	Leather & Allied Product				6						- 62	
	Miscellaneous				-89						_	0
	NonApparel & Leather			- 79								0
	NonPetroleum & Coal Products			-84	- I						<u> </u>	
	NonPrinting & Support			78							-4	
	NonTextile & Product Mills		70								-5	
		60	70	80	90	100	-25	-20	-15	-10	-5	0
		00	/0	00	50	100	23	-20	-10	-10	-5	0



Inventory-to-Sales

Inventory-to-Sales Ratios - 7/31/2022

Vertical line marks average ratio since 2016

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Difference from Average (2016-current) 🖈

Data Source: Federal Reserve

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