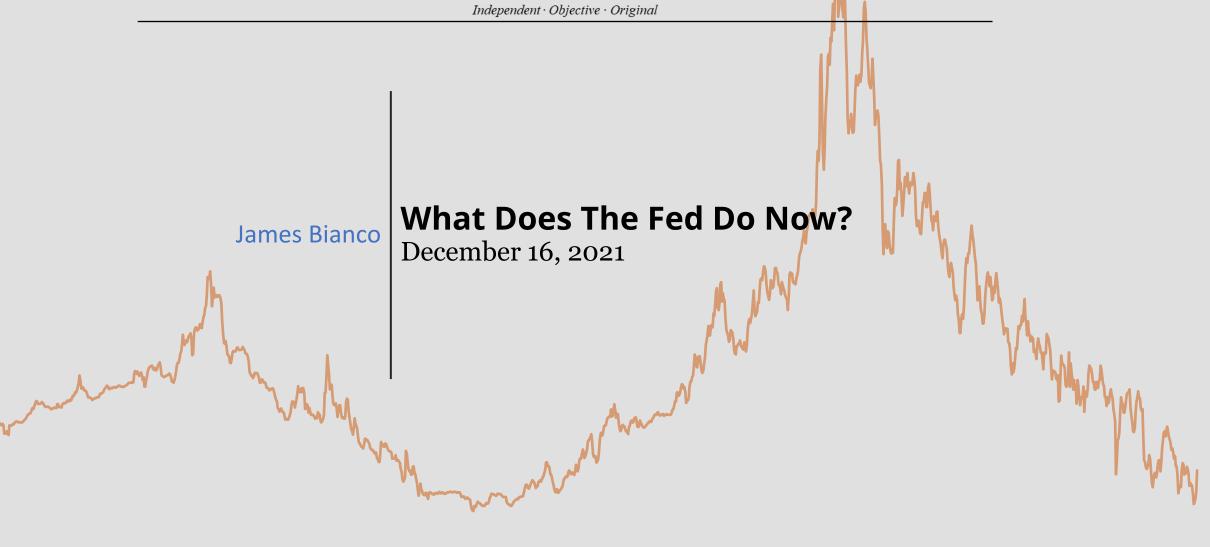
# Bianco Research L.L.C. An Arbor Research & Trading Affiliated Company

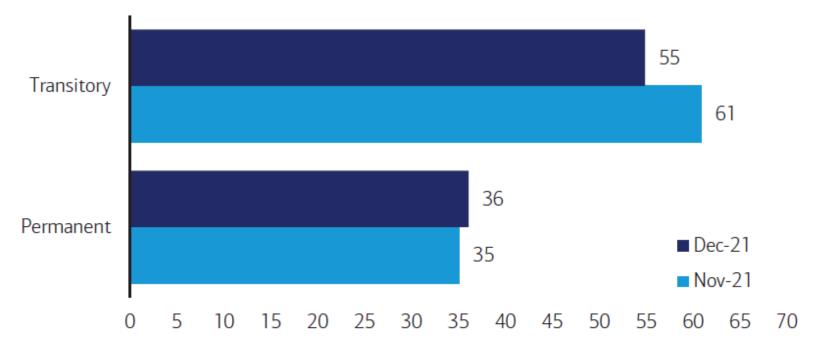


# •CBS News - <u>Transcript: Mohamed El-Erian on "Face the Nation," December 12, 2021</u>

EL-ERIAN: Yeah, I've been saying this for months. The-the characterization of inflation is transitory, is probably the worst inflation call in the history of the Federal Reserve. And it results in a high probability of a policy mistake. So, the Fed must quickly, starting this week regain control of the inflation narrative and regain its own credibility. Otherwise, it will become a driver of higher inflation expectations that feed onto themselves.

Chart 6: 36% of investors think inflation is permanent

Do you think inflation is transitory or permanent?

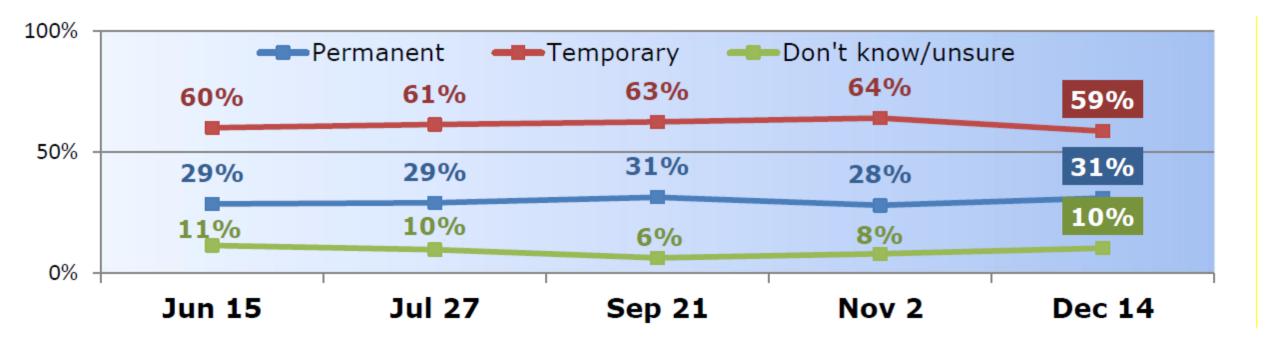


Source: BofA Global Fund Manager Survey

BofA GLOBAL RESEARCH

...and only 36% think inflation is permanent while 55% think it is transitory.

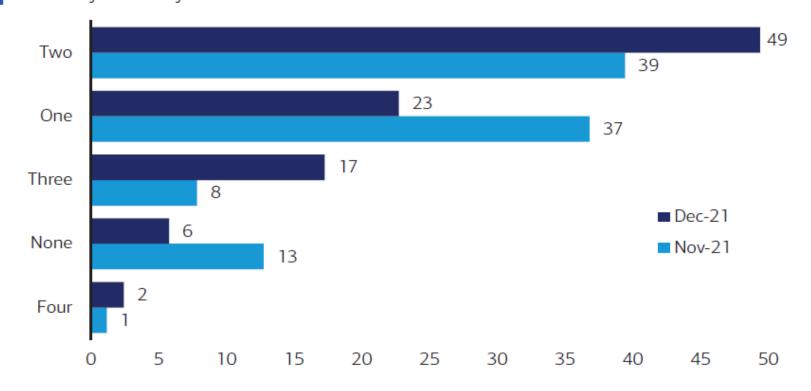
# 17. The recent increase in inflation is most likely:



**POWELL**: So on the - the first part of your question, which is why not stop purchasing now, I would just say this - we - we have learned that we're - in dealing with balance sheet issues, we've learned that it's best to take a careful, sort of methodical approach to making adjustments.

Markets can be sensitive to it and we thought that this was -this was a doubling of the speed will - we're basically two meetings away now from - from finishing the taper. And we thought that was the appropriate way to go, so we announced it and that's - that's what will happen.

Chart 7: Investors expect 2 rate hikes in 2022 How many times do you think the Fed will raise hikes in 2022



Source: BofA Global Fund Manager Survey

BofA GLOBAL RESEARCH

FMS investors are now on average expecting 2 Fed hikes in 2022. 49% of investors expect 2 hikes, while 23% expect 1, and 17% expect three.

9 out of 10 investors think the Fed will tighten by 1H23 with the average expectation now for Jul'22 (up from Oct'22)...

# FED FUNDS TARGET RATE FORECAST



# When Does The Market Expect The Fed To Hike?

As of December 16, 2021 Probability of a Move

Green Hike Probability over 50%

FOMC	No Hike	One Hike to	Two Hikes to	Three Hikes to	Four Hikes to
Meeting	0% -0.25%	0.25% - 0.50%	0.50%- 0.75%	0.75% -1.00%	1.00% -1.25%
26-Jan-22	93%	7%	0%	0%	0%
16-Mar-22	57%	43%	3%	0%	0%
4-May-22	37%	63%	17%	1%	0%
15-Jun-22	16%	84%	43%	10%	1%
27-Jul-22	11%	89%	56%	20%	4%
21-Sep-22	7%	94%	70%	35%	11%
2-Nov-22	5%	95%	76%	44%	17%
14-Dec-22	2%	98%	88%	64%	34%
1-Feb-23	1%	99%	90%	69%	41%

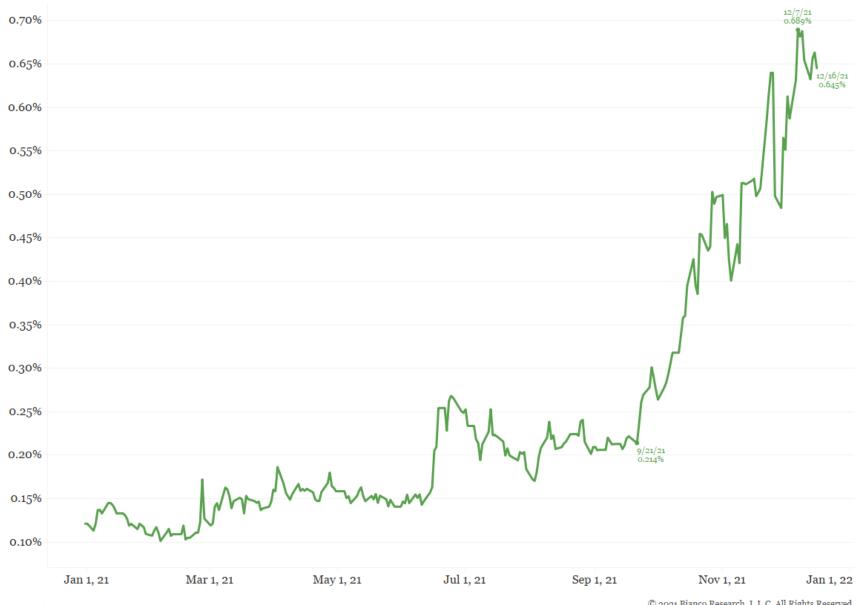
Source: The Chicago Mercantile Exchange

https://www.cmegroup.com/trading/interest-rates/countdown-to-fomc.html

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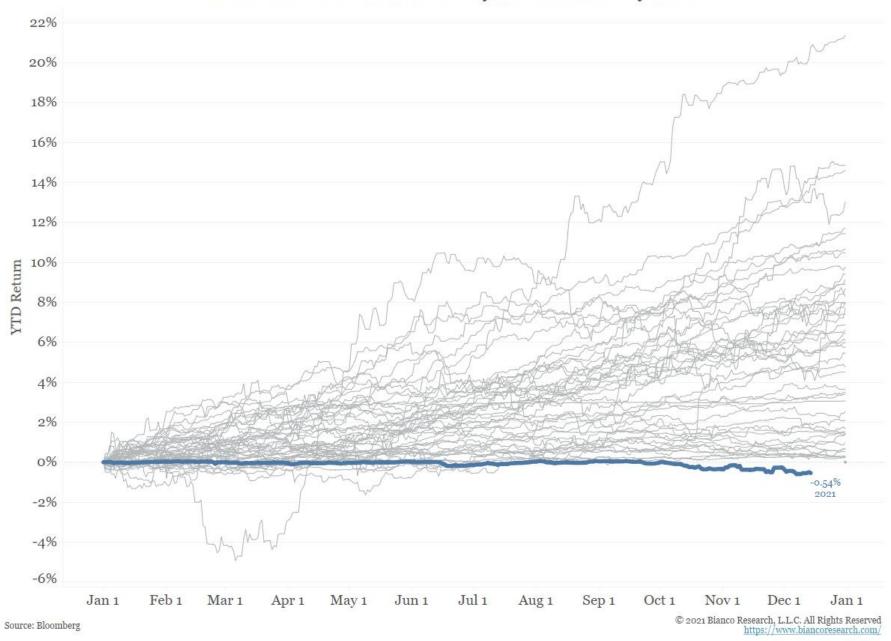
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#### US 2-Year Yield

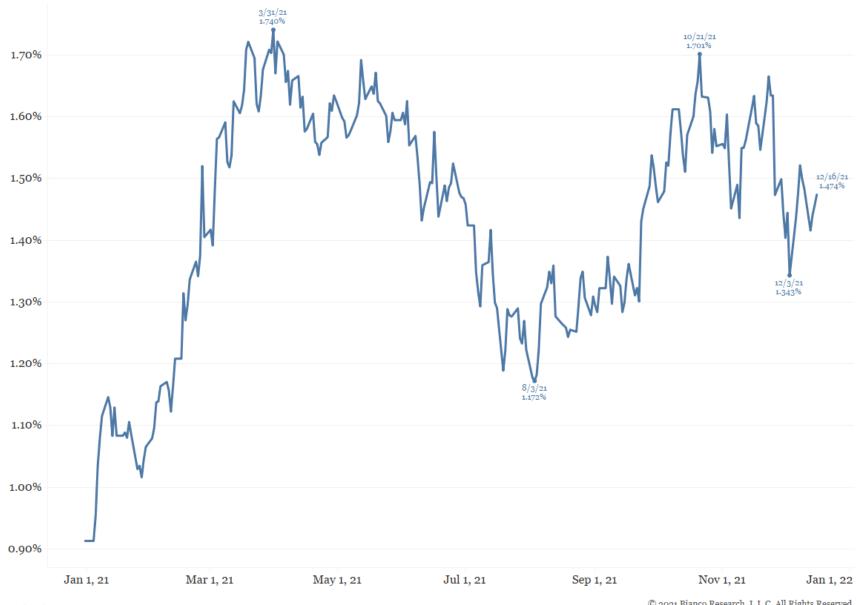


Source: Bloomberg

## Year-to-Date Total Returns for the Ryan 2-Year Treasury Index

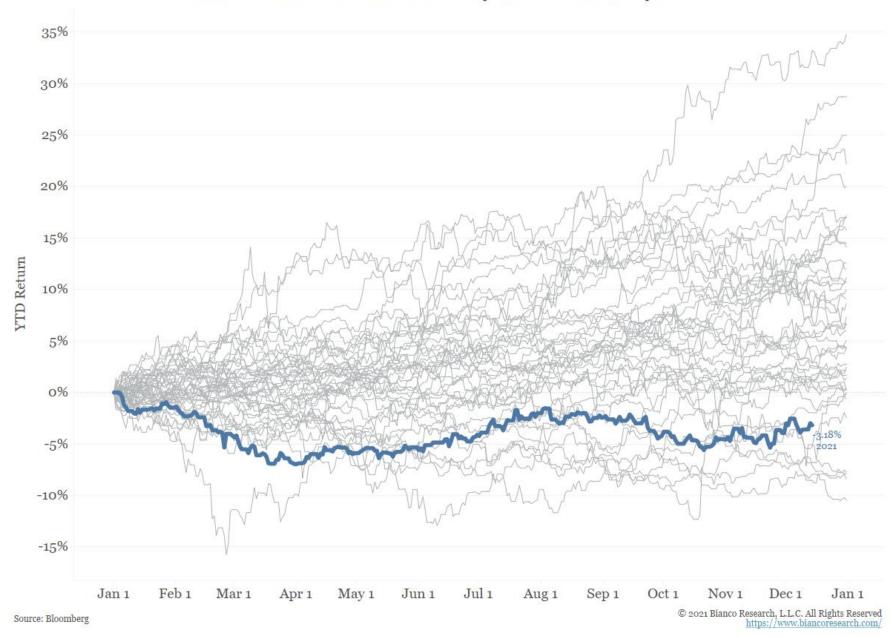


### US 10-Year Yield

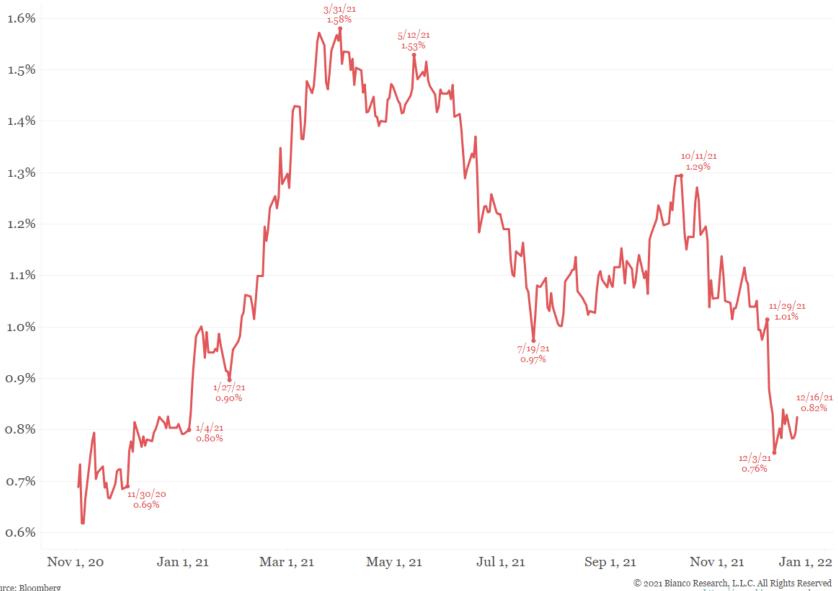


Source: Bloomberg

### Year-to-Date Total Returns for the Ryan 10-Year Treasury Index

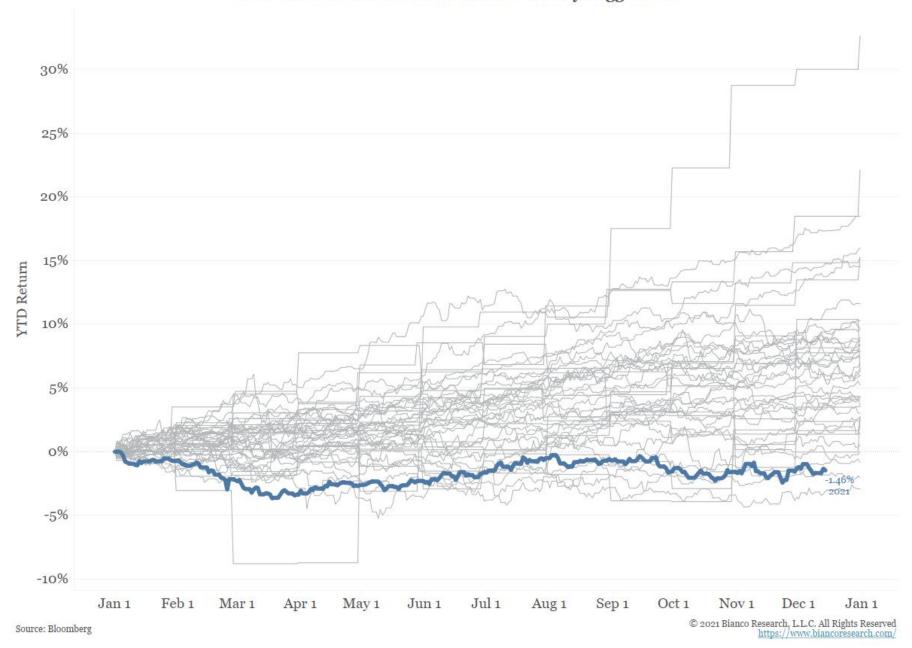


## The 10-Year less 2-Year Yield Curve

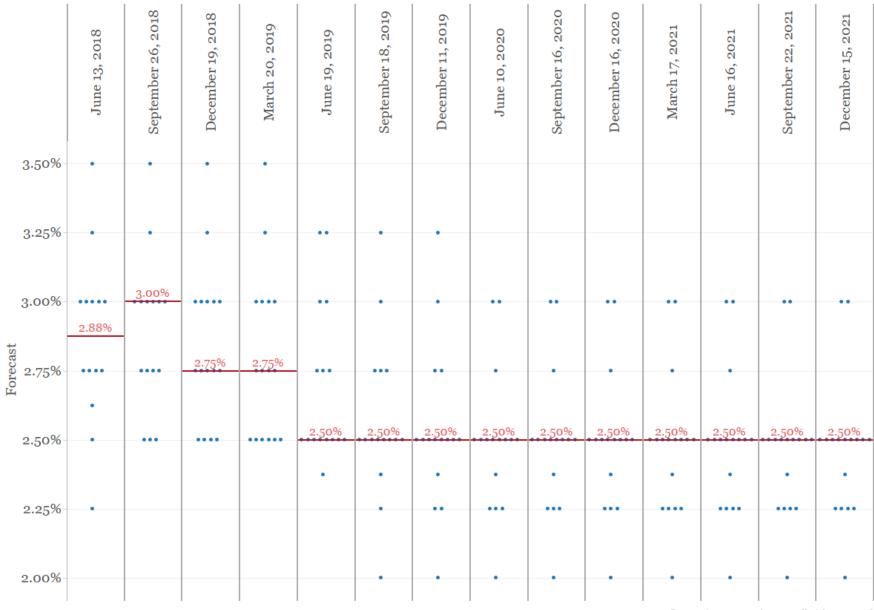


Source: Bloomberg

### Year-to-Date Total Returns for the Barclays Agg Index

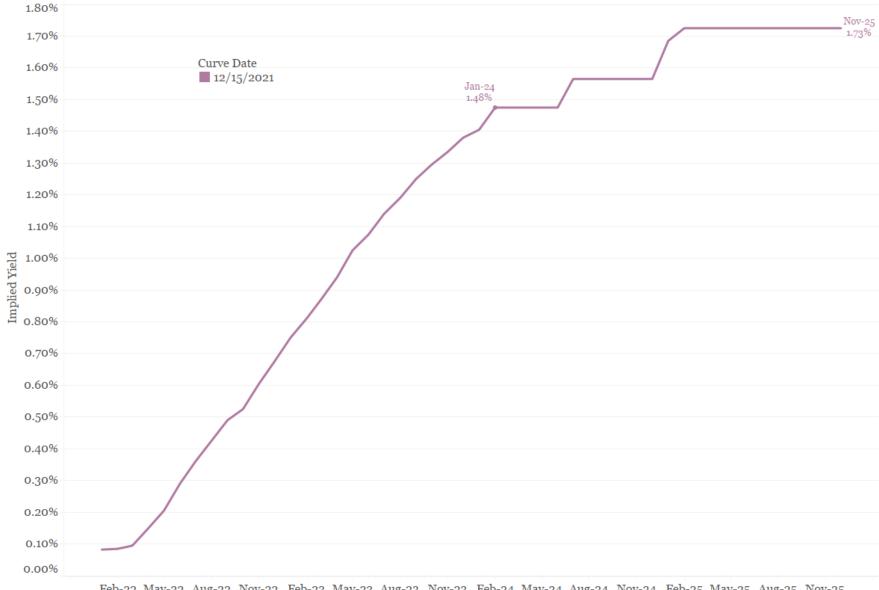


# **Fed Projection For Long-Term**



Source: The Federal Reserve

#### What is The Terminal Fed Funds Rate?



Feb-22 May-22 Aug-22 Nov-22 Feb-23 May-23 Aug-23 Nov-23 Feb-24 May-24 Aug-24 Nov-24 Feb-25 May-25 Aug-25 Nov-25

Source: Chicago Mercentile Exchange, Bloomberg

#### **Inflation and Wages**



## US Real Average Hourly Earnings YoY SA



Source: The Bureau of Labor Statistics, Bloomberg

# •CNBC - <u>Public view on Biden's handling of Covid and the economy takes another hit, CNBC survey shows</u>

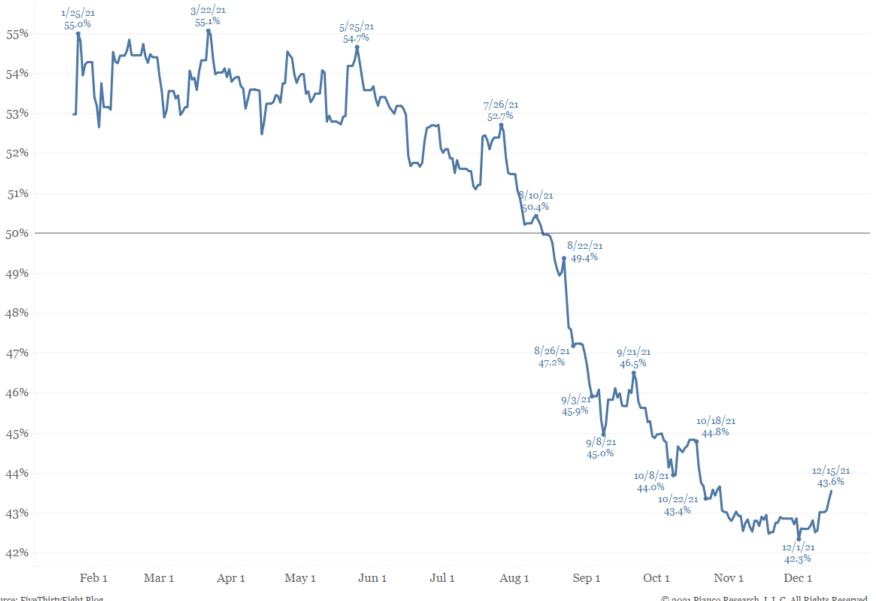
- \* President Joe Biden's overall approval rating stabilized at a low level of 41%, according to the CNBC All-America Survey.
- \* Biden's approval rating on handling the economy and dealing with the coronavirus both declined.
- \* At 46% approval to 48% disapproval, Biden's approval rating on the coronavirus is now underwater for the first time.
- \* His economic approval sank more deeply underwater, with 37% approving compared to 56% who disapprove

Inflation has now firmly eclipsed the coronavirus as the No. 1 concern for the country, with those two issues followed by immigration, crime and climate change.

# •Barron's – <u>Two-Thirds of Americans Polled Disapprove of How Biden Has Handled Inflation</u>

President Joe Biden's job approval ratings fell to new lows on several issues, including crime, gun violence and the economic recovery, with 69% disapproving of how he is handling inflation, according to an ABC/Ipsos poll released Sunday.

**Biden's Approval Rating**FiveThirtyEight's Average of Approval Using All polls



 $Source: Five Thirty Eight \ Blog \\ \underline{https://projects.fivethirtyeight.com/biden-approval-rating/}$ 

# Which Party Will You Vote For? Generic Ballot - All Polls Aggregated

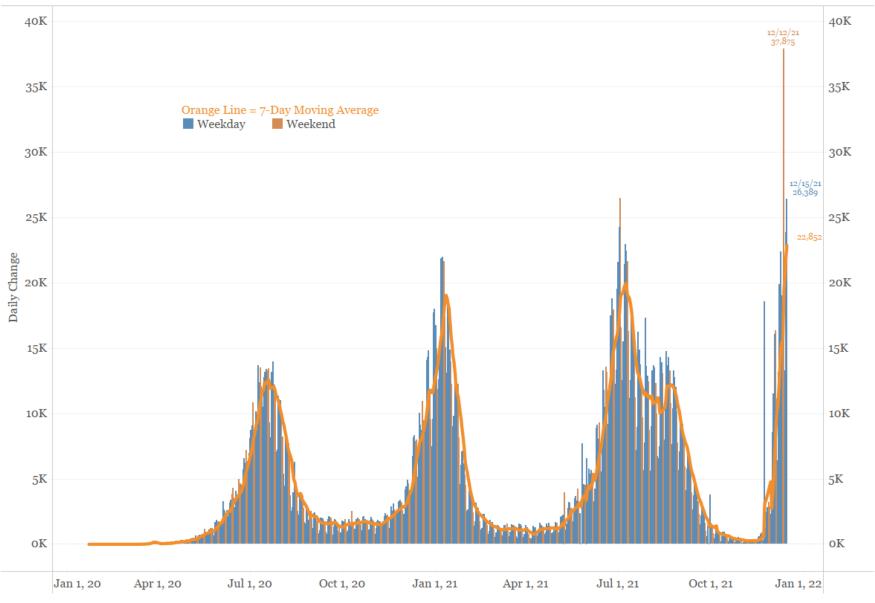


# •Axios - Felix Salmon: Biden could be 1st president since Carter who wants to make the Fed more hawkish

Joe Biden could be the first president since Jimmy Carter who wants to make the Federal Reserve more hawkish. ... "The Fed chair has practically unilateral power over monetary policy, and at this point monetary policy is really the only thing our government can do to affect inflation," says economist Noah Smith.

December 16, 2021 Bianco Research L.L.C 21

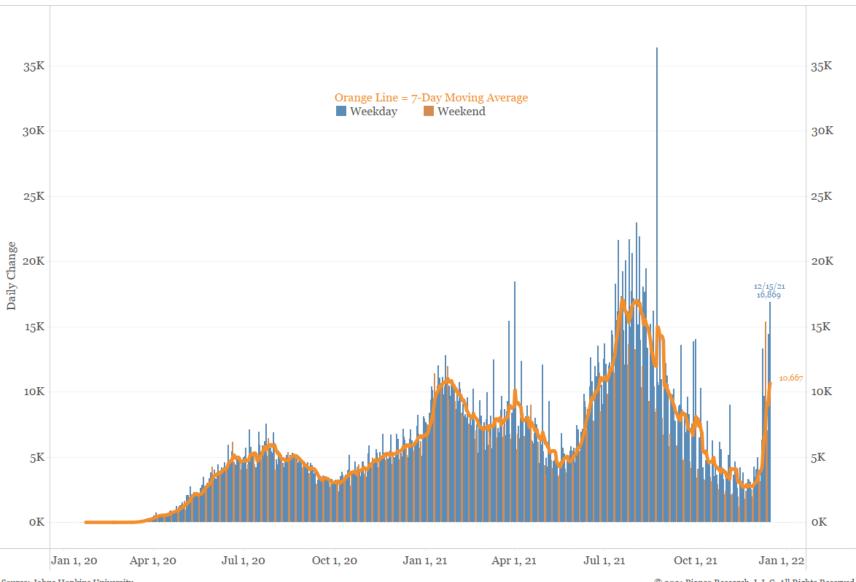
#### **South Africa REPORTED Infections**



 $Source: Johns \ Hopkins \ University \\ \underline{https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html\#/bda7594740fd40299423467b48e9ecf6}$ 

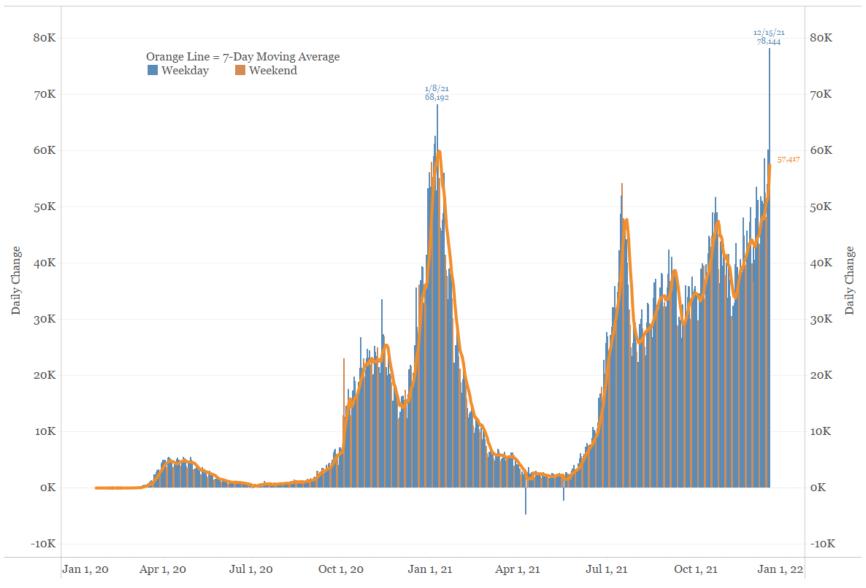
#### Africa less South Africa REPORTED Infections

(48 nations)



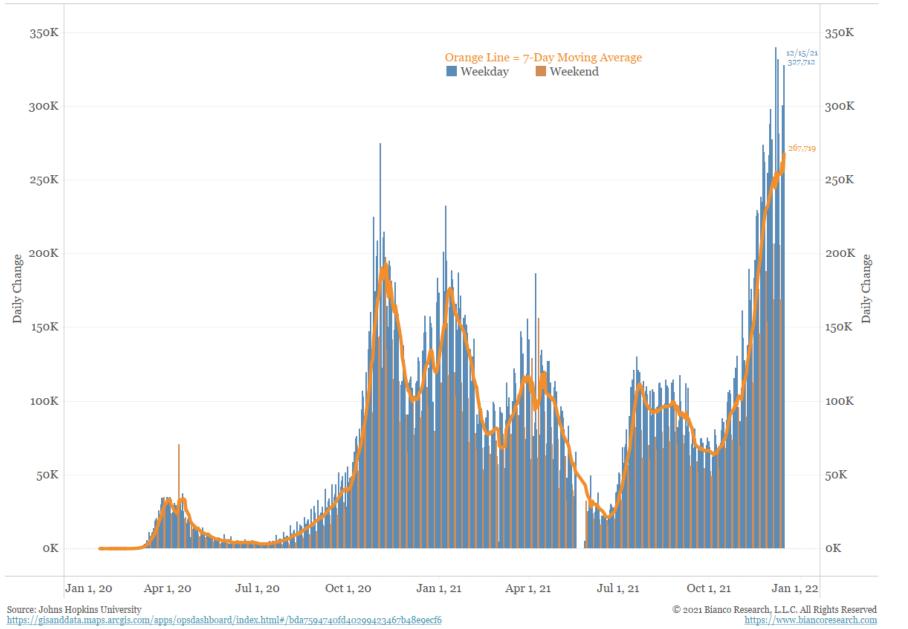
 $Source: Johns \ Hopkins \ University \\ \underline{https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html\#/bda7594740fd40299423467b48e9ecf6}$ 

#### **United Kingdom - REPORTED Infections**



 $Source: Johns \ Hopkins \ University \\ \underline{https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html\#/bda7594740fd40299423467b48e9ecf6}$ 

#### **Western Europe - REPORTED Infections**

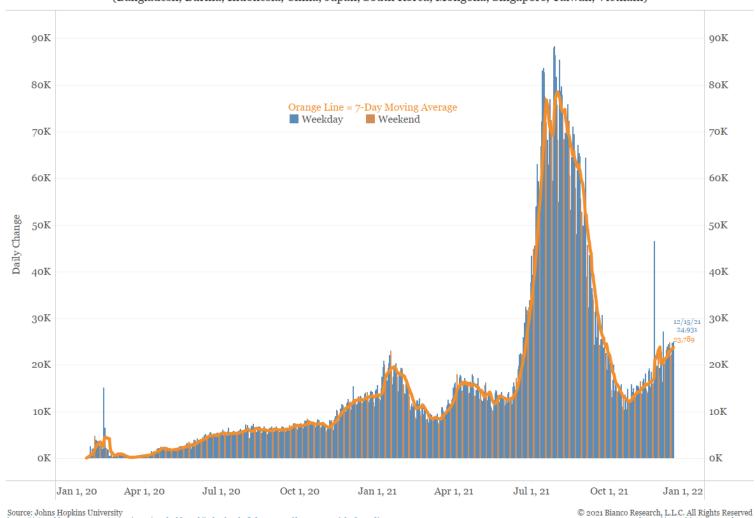


## Sinovac Provides Inadequate Shield Against Omicron in Hong Kong Study

The vaccine made by Sinovac Biotech Ltd., one of the most widely used in the world, doesn't provide sufficient antibodies in two doses to neutralize the omicron variant and boosters will likely be needed to improve protection, initial lab findings showed.

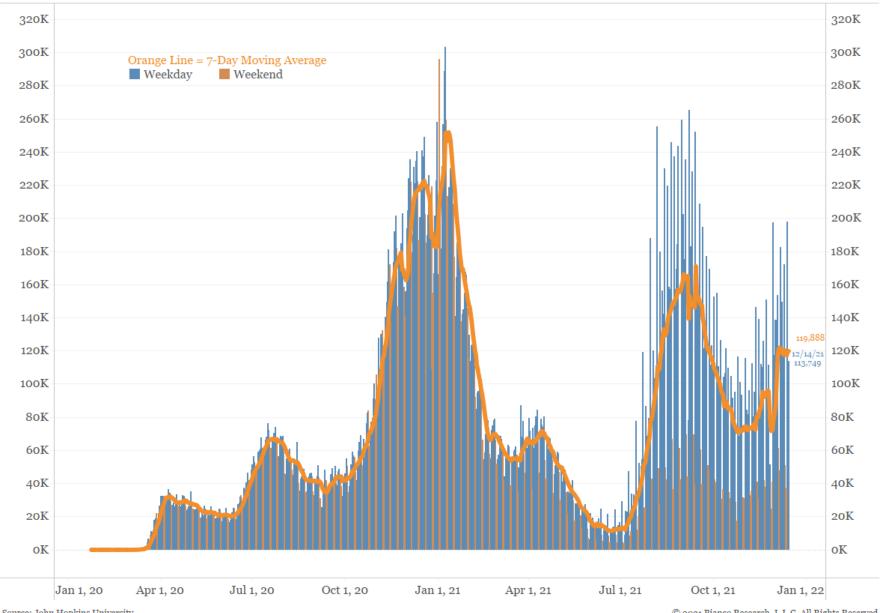
#### **Asia REPORTED Infections**

(Bangladesh, Burma, Indonesia, China, Japan, South Korea, Mongolia, Singapore, Taiwan, Vietnam)



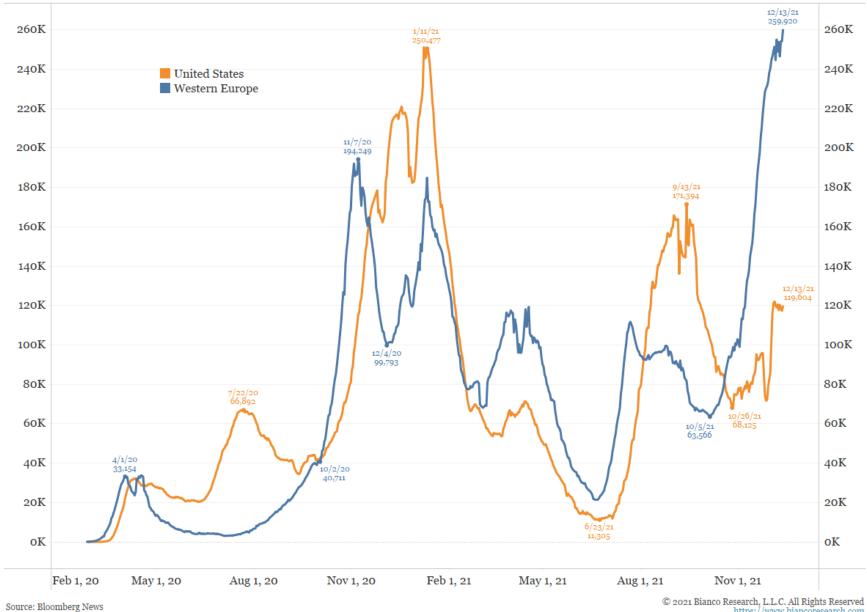
https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6

#### **United States: REPORTED Infections**

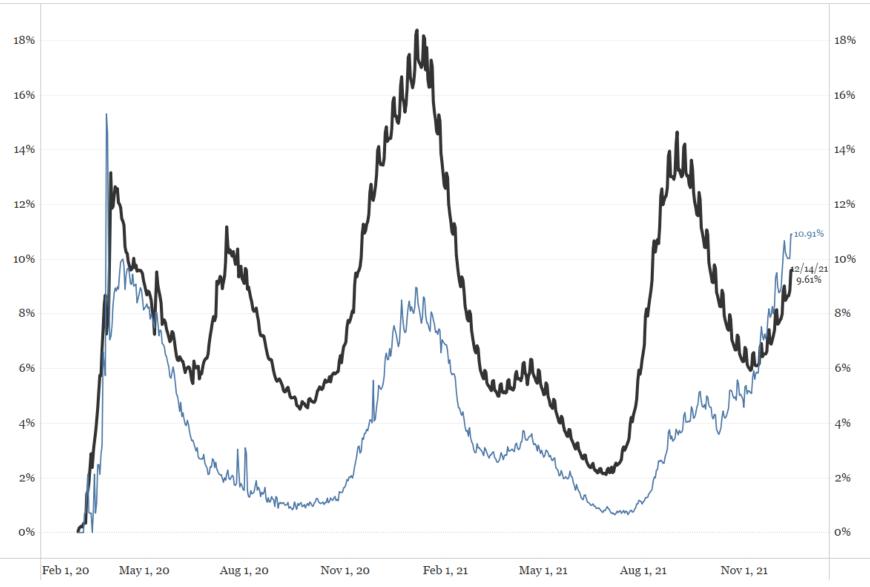


 $Source: John Hopkins University \\ https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html \#/bda7594740fd40299423467b48e9ecf6$ 

### Seven Day Average of Daily COVID-19 Infections

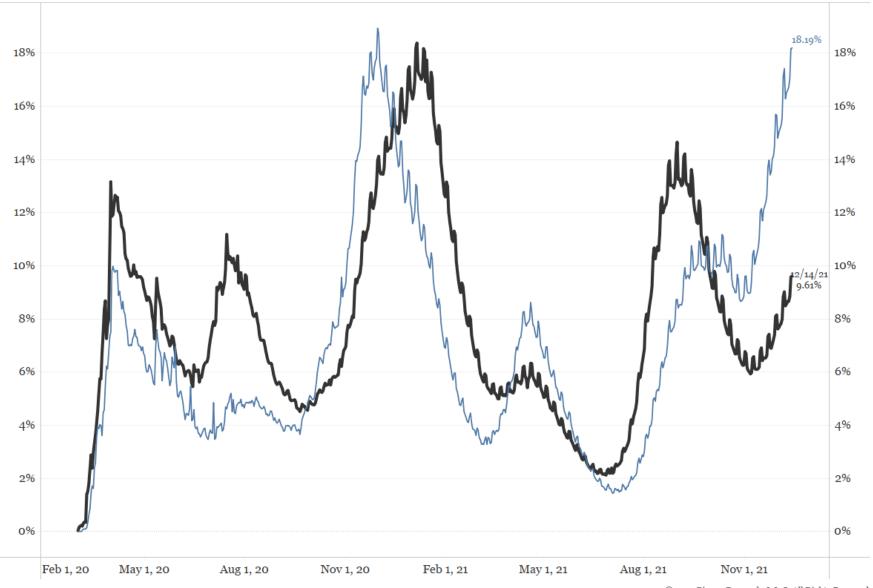


# Estimated Percentage of Inpatient Beds Occupied by COVID-19 Patients The Northeast - ME, MA, NH, VT



Data Source: US Department of Health & Human Services, Bloomberg

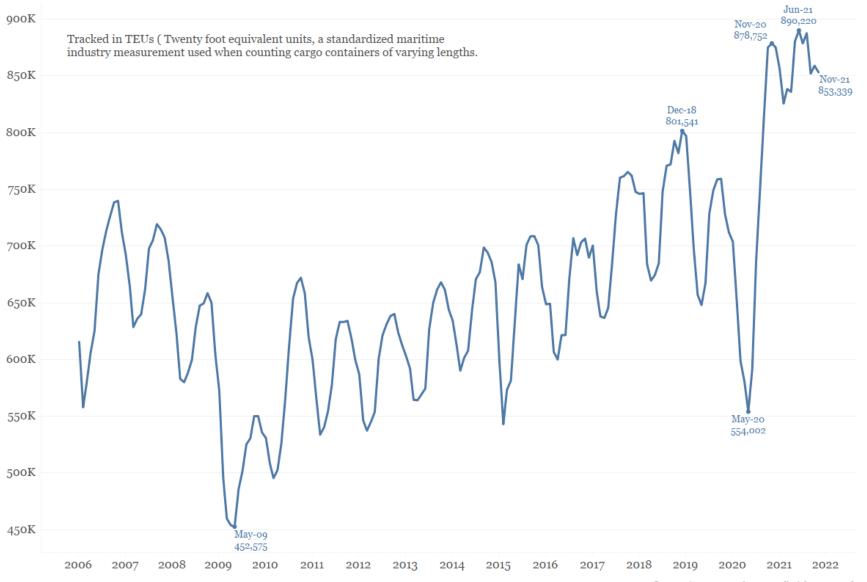
# Estimated Percentage of Inpatient Beds Occupied by COVID-19 Patients Upper Midwest - MN, WI, MI, IN, OH



Data Source: US Department of Health & Human Services, Bloomberg

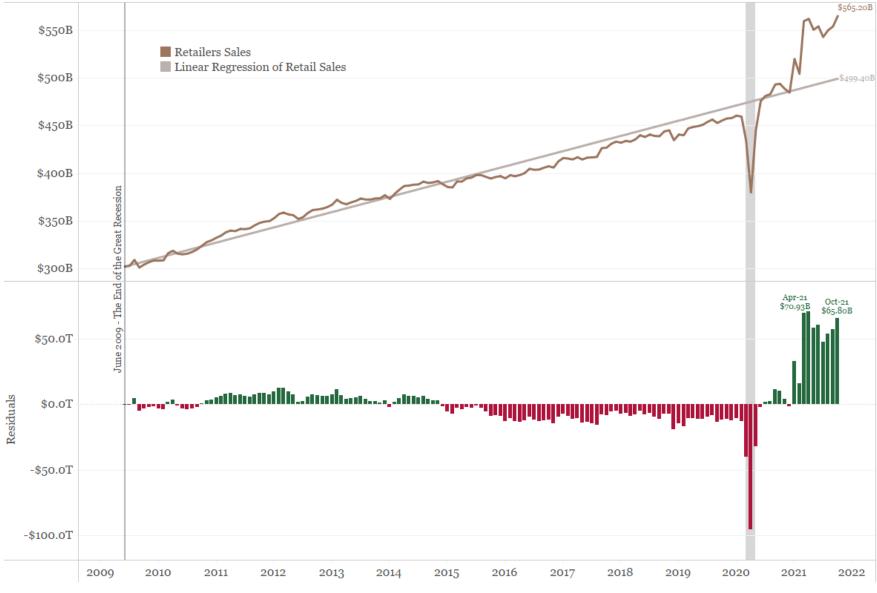
## Ports of Los Angeles and Long Beach Inbound TEU Containers

3-Month Average



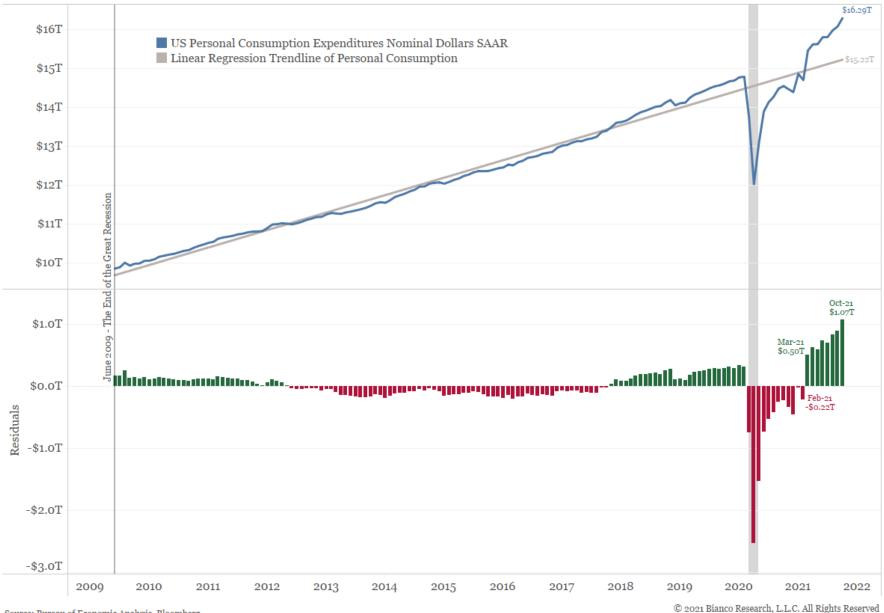
Data Source: Bloomberg, The Port of Los Angeles and Long Beach

### **Retail Sales**

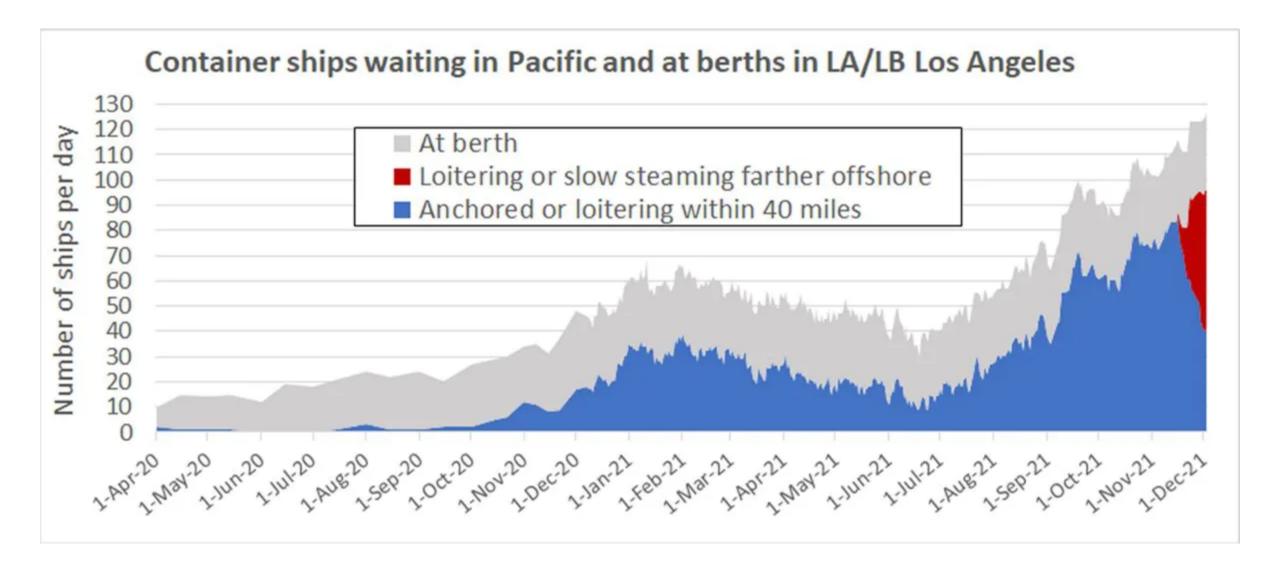


Source: Bureau of Economic Analysis, Bloomberg

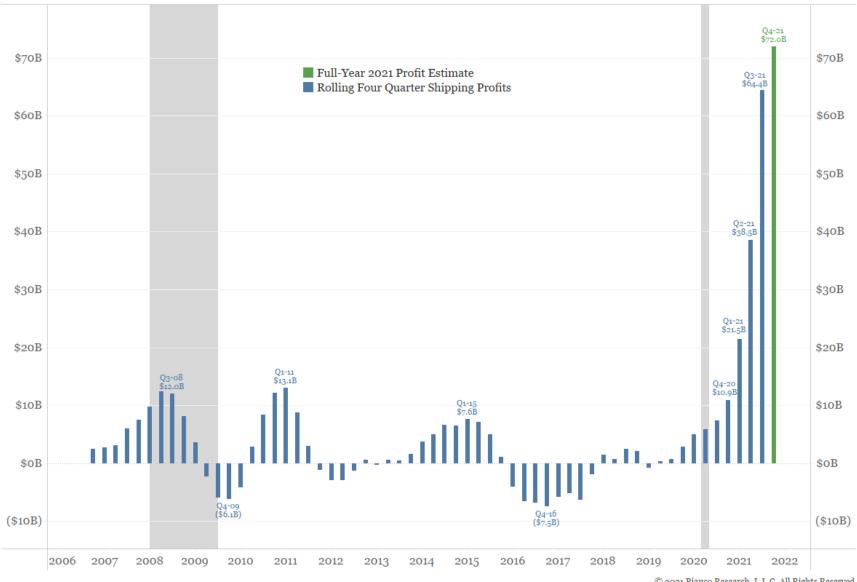
# **Personal Consumption**



Source: Bureau of Economic Analysis, Bloomberg



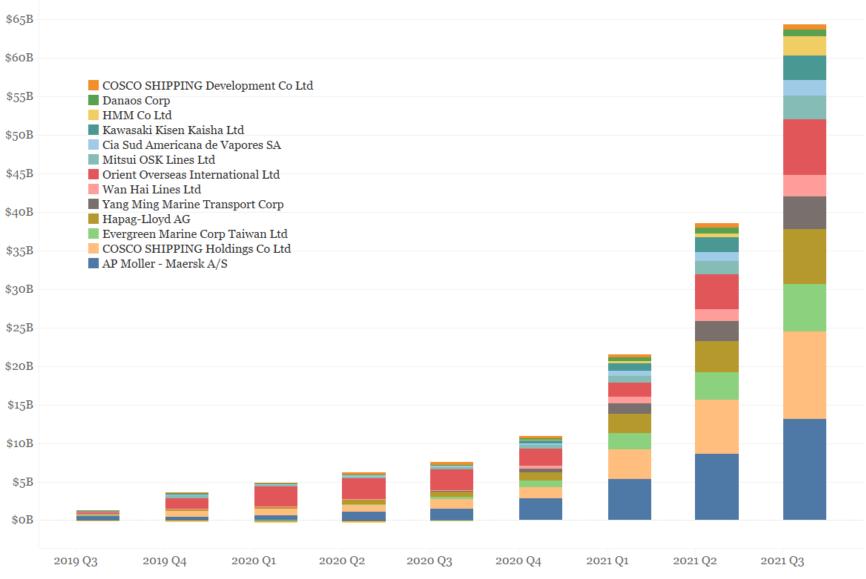
# Container Shipping Profits Boom! Rolling Four-Quarter Profits



Source: Company Reports, Bloomberg

### **Detailing Container Shipping Profits**

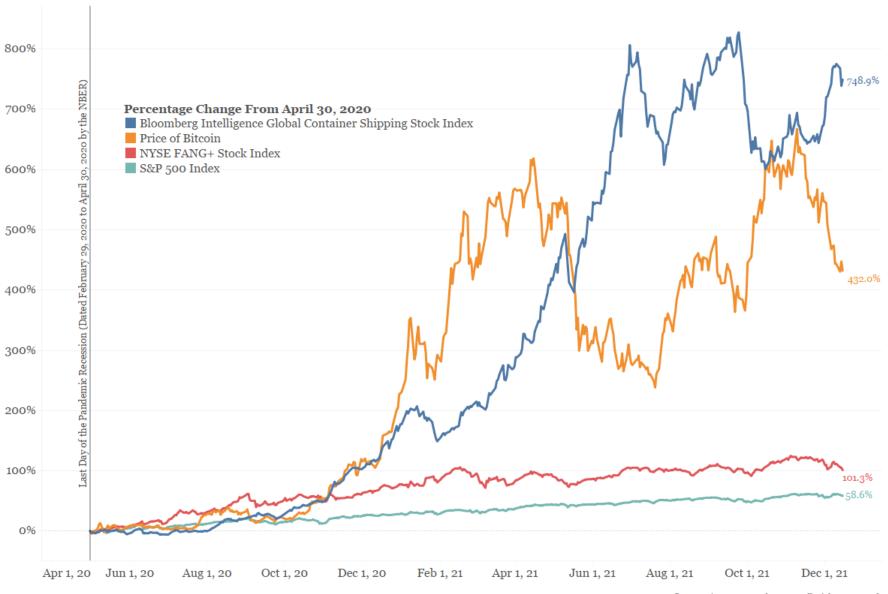
Rolling 4-Quarter Profits



Source: Company Reports, Bloomberg

## Ships Beat Bitcoin!

April 30, 2020 to December 15, 2021



Source: Company Reports, Bloomberg

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