

## #globalmarkets weekly wrap-up

### Chart of the week

#### ARE BUBBLE MARKETS BURSTING?

This week was a bloodbath for Ark Invest, Unprofitable Tech, Momentum, SPACs, Bitcoin and other high flying names...



Source: Bloomberg, [www.zerohedge.com](http://www.zerohedge.com)

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## #globalmarkets weekly wrap-up

### Volatility on the rise

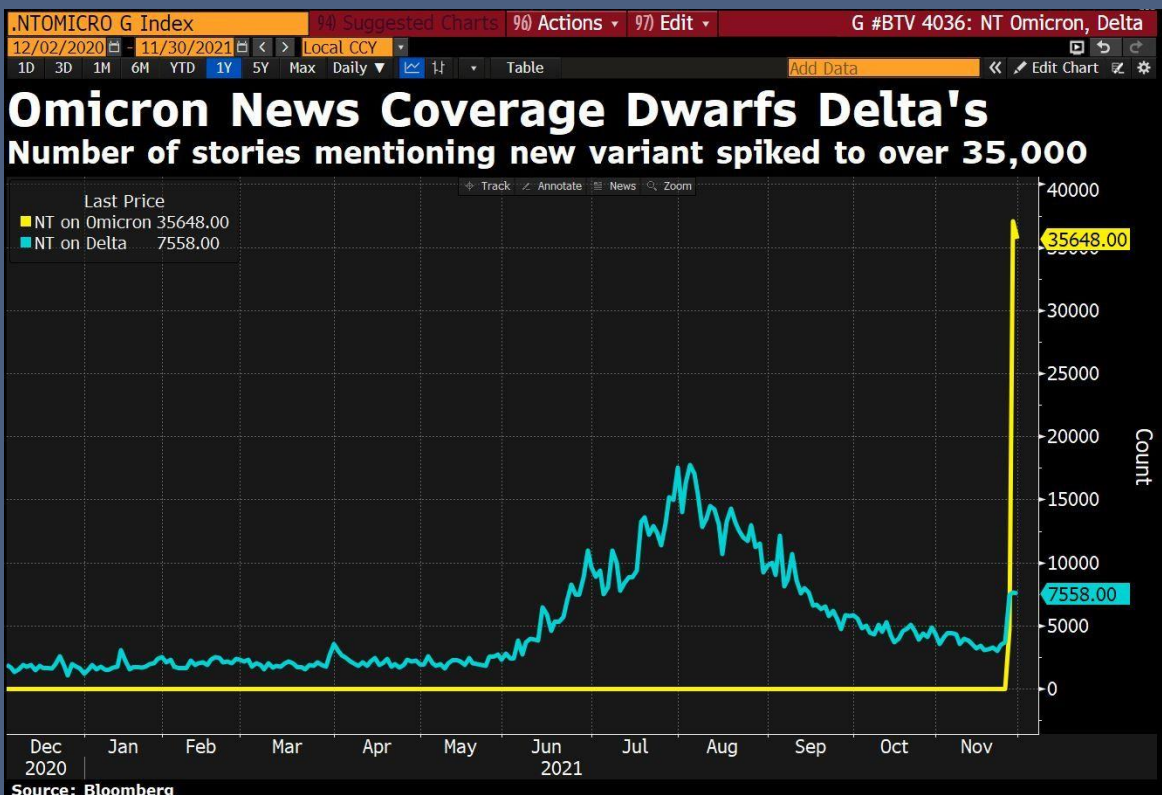
This was a volatile week of trading with major US equity indexes pulling back on news that the Federal Reserve could taper its monthly asset purchases at a faster rate and fears that the emergence of the Omicron could weigh on global economic growth and contribute to supply chain disruptions. Small-caps and high flyers stocks corrected the most. Shares in Europe posted mixed results while Japanese stocks pulled back. Chinese stocks recorded a weekly gain despite a resurgence of U.S.-China tensions after Chinese ride-hailing app Didi said it would delist its U.S.-listed shares from the New York Stock Exchange

The US Treasury yield curve flattened over the week, with short-maturity yields rising and long-term rates decreasing. Core eurozone bond yields fell while Peripheral eurozone bond yields ended the week broadly unchanged.

The dollar ended the week slightly lower. Cryptocurrencies tumbled as Bitcoin broke the key \$51k support, collapsing even further on Saturday morning to \$47k. Ether was trading below \$4k.

## #omicron

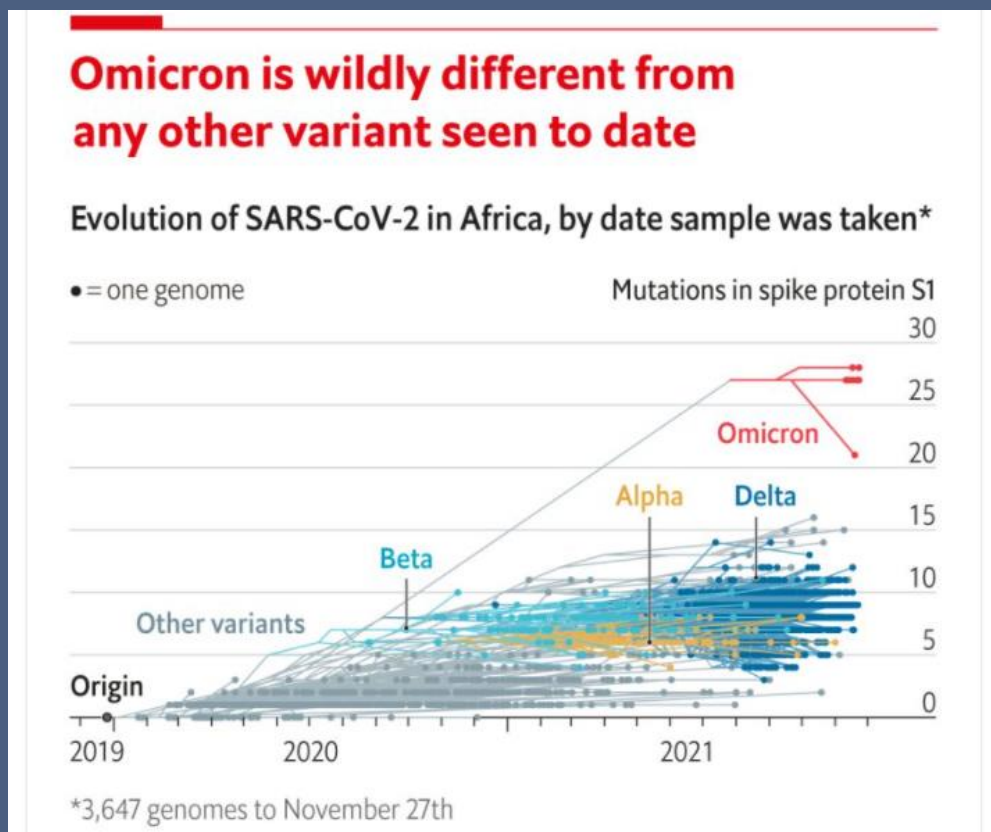
Omicron news coverage has exploded since the variant was made public late last week. Bloomberg tracked over 36,000 stories containing omicron on November 29. That's more than double the peak for delta. Ironically this leaves markets in transient limbo because amidst all this coverage, we still don't have definitive information on how severe it really is.



Source: Bloomberg

## #omicron

Omicron is wildly different from other recent versions of the virus. There are a few possible explanations for this, the most likely being that the ancestral SARS-CoV-2 has infected someone with a compromised immune system. Because such people are unable to get rid of it, the virus can spend months inside them accumulating mutations. If Omicron does prove better at infecting and reinfecting, then some bumpy months could lie ahead.

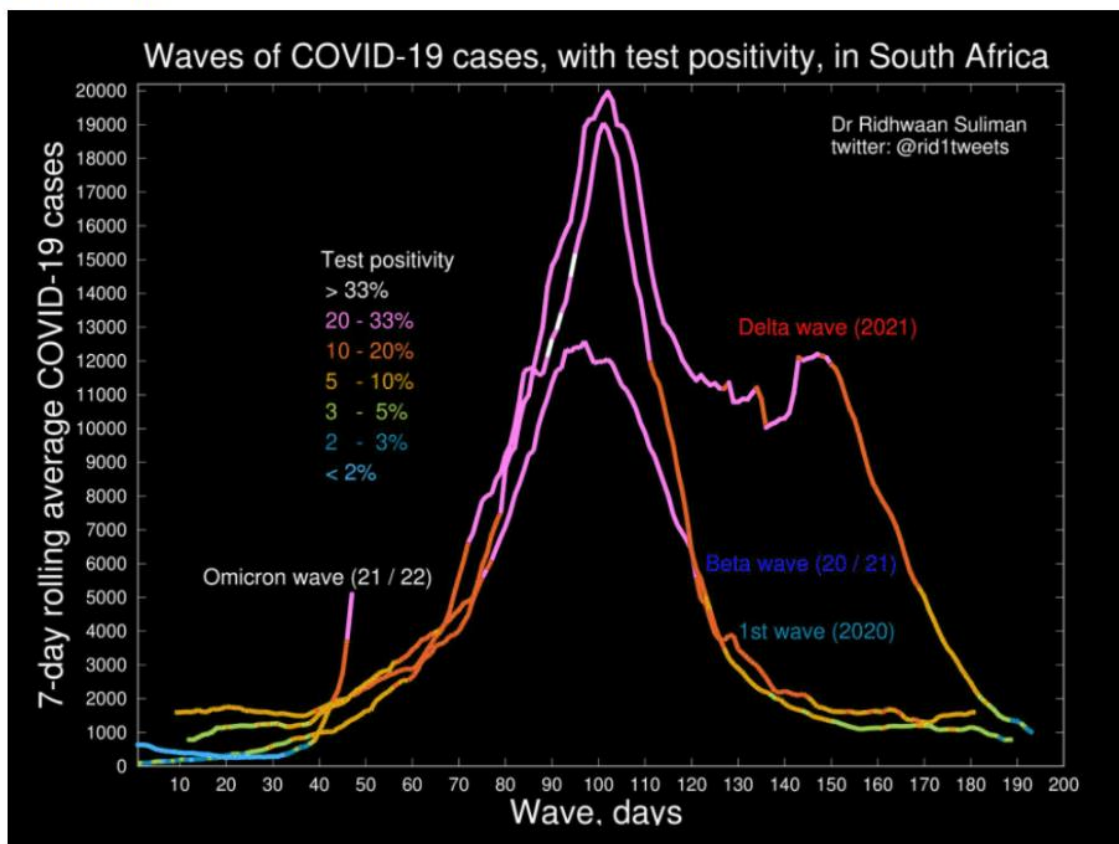


Source: The Economist

## #omicron

Remember that South Africa had up to 50% antibodies even before wave 3. Plus vaccination of around 30%. How far will this wave go?

### Insane slope



Source: TME

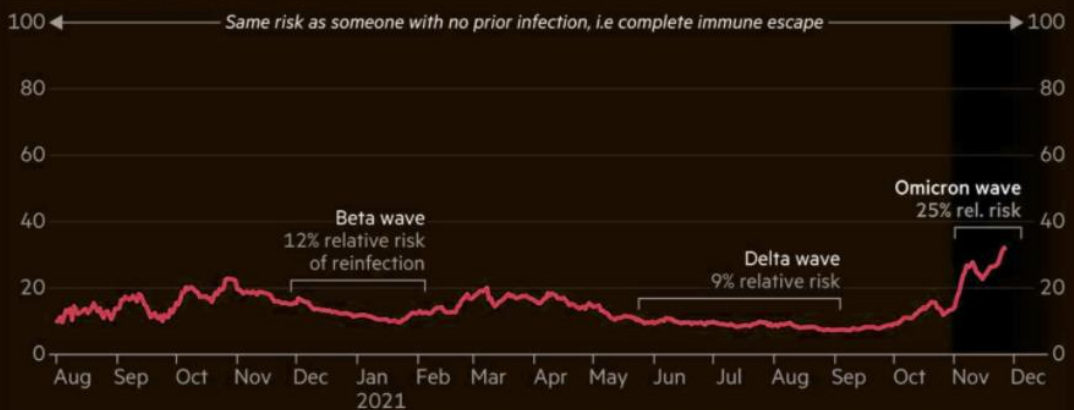
## #omicron

Good graph to show the reinfection risk for Omicron in comparison with prior variants of concern (data from South Africa)

### Immune evasion

Research from South Africa shows people are more likely to be reinfected with the Omicron variant than others before it, a sign of immune evasion

Relative risk of being infected with Omicron after a prior Covid infection, as a percentage of the risk for someone with no prior infection



Source: Pulliam et al: Increased risk of SARS-CoV-2 reinfection associated with emergence of the Omicron variant in South Africa  
© FT

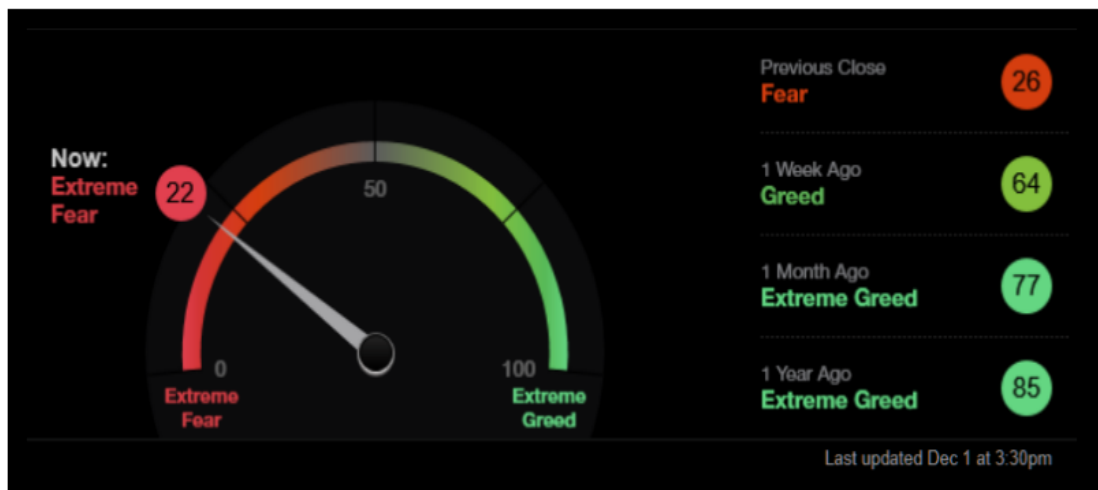
Source: FT

Source: FT, TME

## #us #equities #sentiment

We topped on extreme greed. Not many thought we would be in extreme fear territory this quickly, but here we are.

Say hello to extreme fear



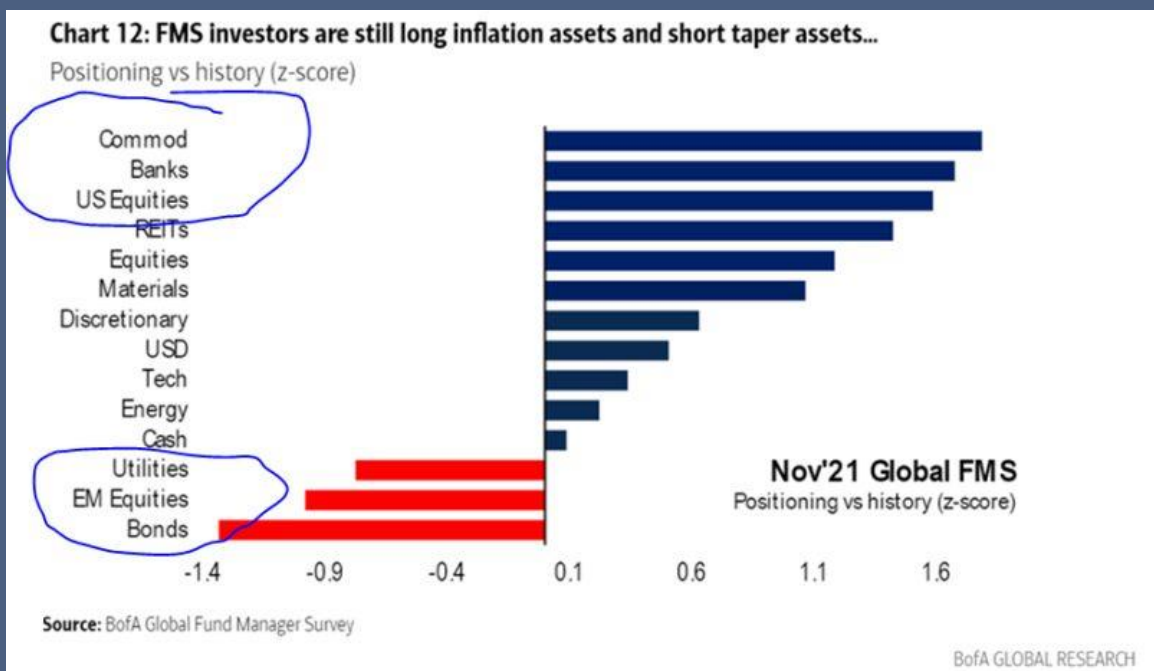
Source: CNN

Source: CNN



## #investors #sentiment

What are the top overweights and underweights for most fund managers today? This BAML survey says it all.



Source: BofA



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## #wallstreet

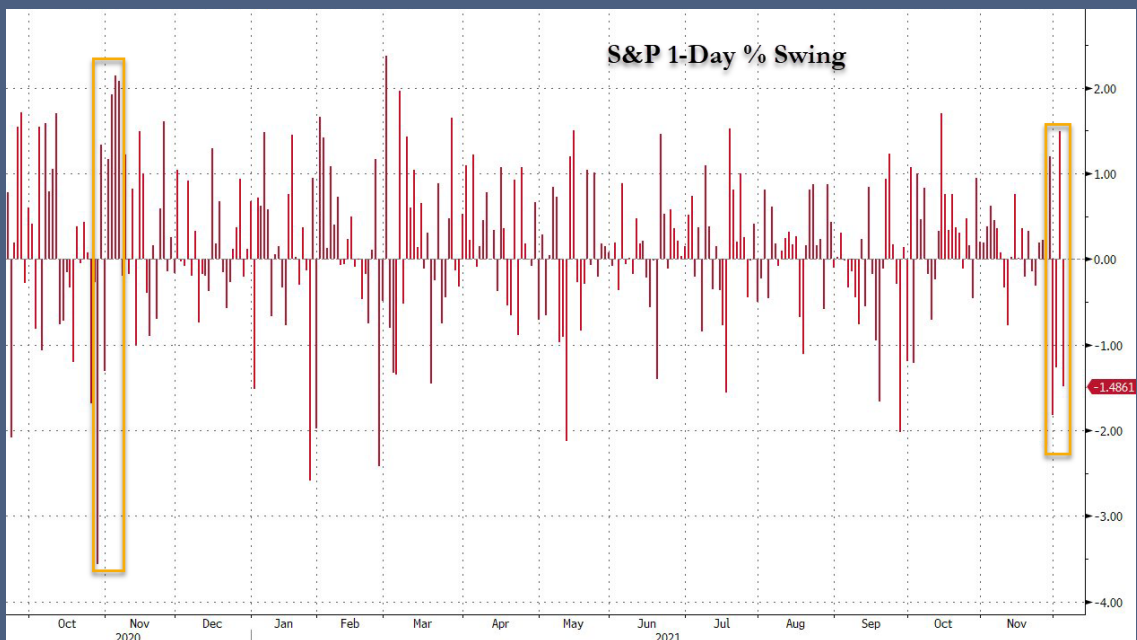
### Weekly moves

Volatility Index \$VIX: +6%  
Long Treasuries \$TLT: +3%  
S&P \$SPY: -1%  
Nasdaq 100 \$QQQ: -2%  
China \$MCHI: -4%  
Bitcoin \$BTC: -6%  
IPOs \$IPO: -11%  
ARK \$ARKK: -13%  
GameStop \$GME: -14%  
Alibaba \$BABA: -16%  
Etsy \$ETSY: -21%  
\$AMC: -23%  
DiDi \$DIDI: -23%  
DocuSign \$DOCU: -46%

Source: Charlie Biello

## #us #equities

This is the longest stretch of  $\pm 1\%$  swings for the S&P 500 since the election.



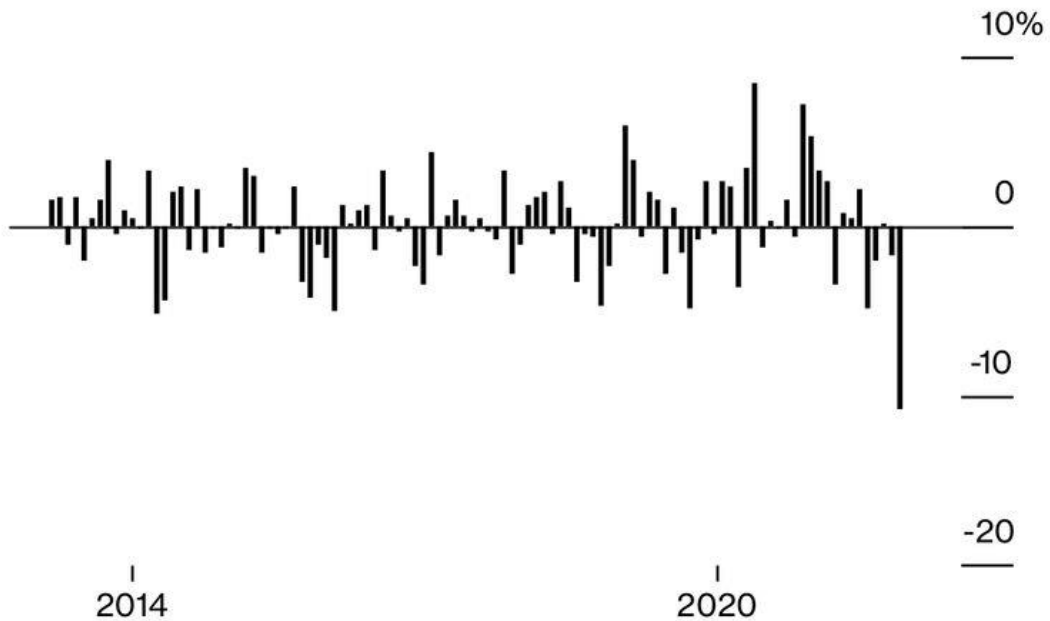
Source: [www.zerohedge.com](http://www.zerohedge.com), Bloomberg

## #us #equities

### Rush for the Exits

Morgan Stanley's basket of crowded stocks records its worst performance on record versus the S&P 500.

■ Excess returns of MSXXCRWD Index vs. SPX



Source: Morgan Stanley

**Bloomberg**

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## #us #equities



**Trevor Scott**

@TidefallCapital

Munger: "I consider this as being even crazier than the dotcom boom which blew up in 2000."

3:22 AM · 03 Dec 21 · [Twitter Web App](#)

## #us #equities #leadership

Cyclicals have tumbled since the emergence of Omicron (Cyclicals were also slammed this week).

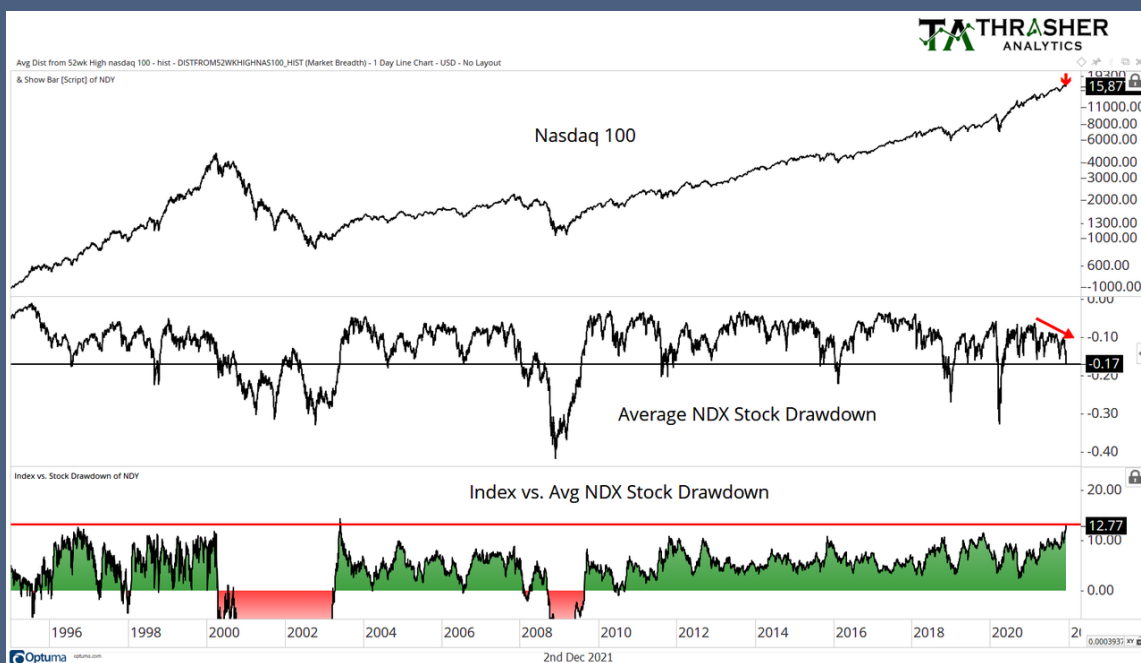


Source: [www.zerohedge.com](http://www.zerohedge.com), Bloomberg

4<sup>th</sup> of December 2021

## #us #equities #technicals

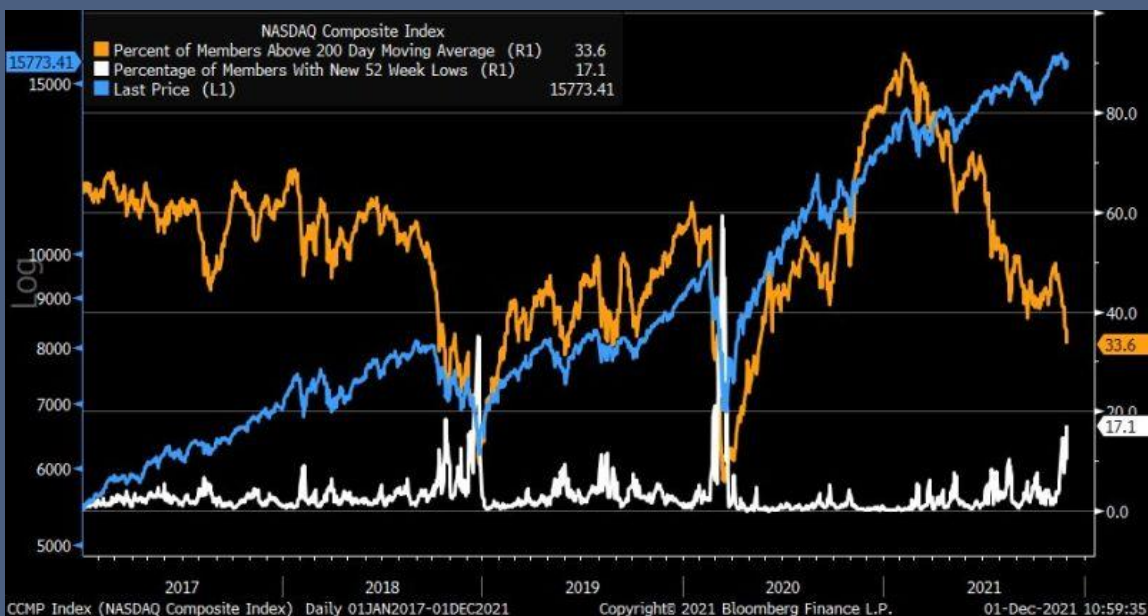
The average Nasdaq 100 stock is down 17%. The spread between the average stock & the index is now wider than the peak in 2000.



Source: Andrew Thrasher

## #us #equities #breadth

Market breadth is far from being encouraging on the Nasdaq as the % of NASDAQ stocks making new 52 weeks lows (white) is surging while the % of members above their 200 days moving average (orange) is tumbling. The last times this combo took place were October 2018 and February 2020.



Source: Bloomberg



## #us #equities #meme

Unprofitable tech stocks suffered their biggest weekly loss since March 2020, crashing to their lowest since Oct 2020...



Source: Goldman

## #spacs

Spac was the buzz world in Q1 of this year but it seems that the mania has evaporated since then. Indeed, while the broad market has trended higher, the SPAC ETF (\$SPAK) is down over 30% from its high, with many popular SPAC names down 50% or more. The large premiums that SPACs were trading at early in the year have shrunk, with the median SPAC now trading at a discount...



Source: Charlie Bilello

## #ark-invest

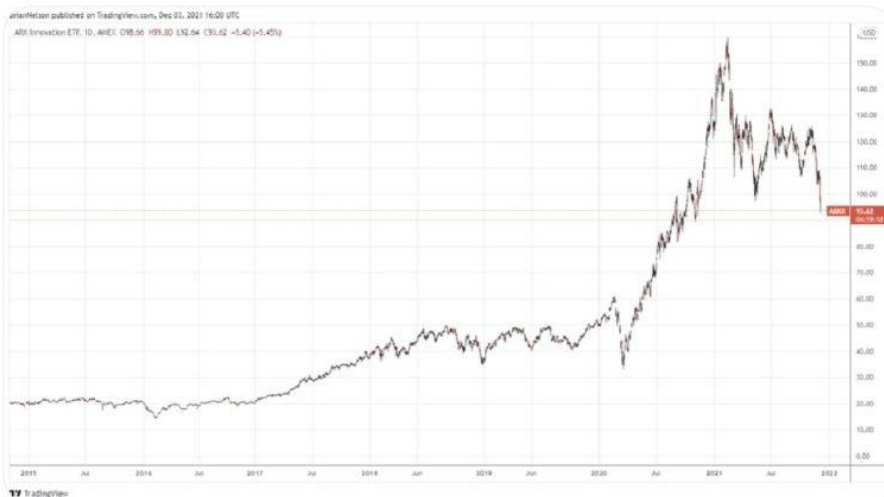


**Brian M. Nelson, CFA**

@ValuentumBrian

The entire **\$ARKK** fund is down more than 40% from its 52-week highs.

That is incredible. This is not just one or two or five stocks, but the \*entire fund.\*



11:02 AM · 03 Dec 21 · [Twitter Web App](#)

## #us #equities #overvaluation

Price / Sales ratios: then (high) vs now



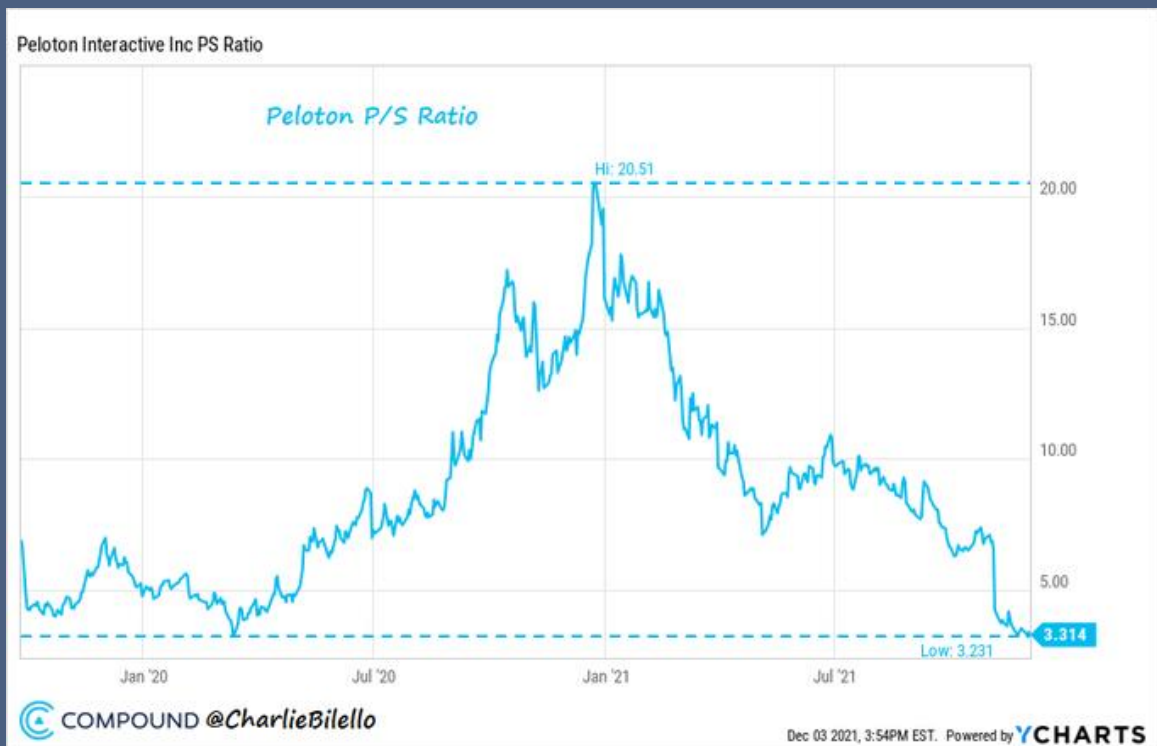
\$ZM:	117 -> 14
\$LMND:	107 -> 24
\$PLTR:	46 -> 25
\$STNE:	44 -> 7
\$TWLO:	37 -> 16
\$PINS:	30 -> 10
\$DOCU:	41 -> 14
\$TWLO:	36 -> 16
\$ROKU:	34 -> 11
\$BYND:	30 -> 9
\$HOOD:	26 -> 9
\$CHGG:	23 -> 5
\$PTON:	21 -> 3
\$TDOC:	21 -> 7
\$TWTR:	17 -> 7
\$Z:	12 -> 3

Source: Billello

Source: TME

## #us #equities #overvaluation

Peloton's Price to Sales ratio is back to its March 2020 lows and now inline with the S&P 500 P/S multiple (3x)...



Source: Charlie Bilello

## #us #equities #correction

This is the 58th Russell 2,000 "correction" in the index's history. To reach the average, the index would need to fall another ~7% and end on 1/20/22.

Russell 2,000 10%+ Corrections*							
Start	End	% Change	Days	Start	End	% Change	Days
10/5/1979	10/23/1979	-15.43%	18	6/30/2004	8/12/2004	-12.58%	43
2/8/1980	3/27/1980	-26.75%	48	12/28/2004	4/28/2005	-12.15%	121
11/28/1980	12/11/1980	-10.05%	13	5/5/2006	7/21/2006	-14.06%	77
6/15/1981	9/25/1981	-23.24%	102	7/13/2007	8/15/2007	-12.18%	33
12/4/1981	3/15/1982	-16.28%	101	10/9/2007	3/10/2008	-23.86%	153
5/11/1982	8/12/1982	-15.09%	93	6/5/2008	7/7/2008	-13.76%	32
6/24/1983	7/25/1984	-26.02%	397	8/14/2008	9/17/2008	-10.34%	34
7/3/1986	9/16/1986	-14.96%	75	9/19/2008	10/9/2008	-33.77%	20
8/21/1987	10/28/1987	-39.08%	68	10/13/2008	10/27/2008	-21.46%	14
11/2/1987	12/7/1987	-11.35%	35	11/4/2008	11/20/2008	-29.42%	16
10/9/1989	1/30/1990	-15.33%	113	11/28/2008	12/1/2008	-11.85%	3
6/13/1990	10/31/1990	-30.43%	140	1/6/2009	3/9/2009	-33.31%	62
2/12/1992	7/8/1992	-12.57%	147	4/23/2010	7/6/2010	-20.47%	74
3/18/1994	12/9/1994	-13.23%	266	7/26/2010	8/24/2010	-10.47%	29
5/24/1996	7/24/1996	-15.61%	61	4/29/2011	6/13/2011	-10.18%	45
10/13/1997	1/12/1998	-11.60%	91	7/7/2011	8/8/2011	-24.14%	32
4/21/1998	8/31/1998	-31.27%	132	8/30/2011	10/3/2011	-16.29%	34
9/23/1998	10/8/1998	-17.46%	15	10/27/2011	11/25/2011	-12.97%	29
1/11/1999	3/23/1999	-11.56%	71	3/26/2012	6/4/2012	-12.87%	70
7/15/1999	10/18/1999	-12.21%	95	9/14/2012	11/15/2012	-11.01%	62
3/9/2000	4/14/2000	-25.11%	36	7/3/2014	10/13/2014	-13.15%	102
5/1/2000	5/25/2000	-12.10%	24	6/23/2015	9/29/2015	-16.35%	98
7/17/2000	7/28/2000	-10.08%	11	12/1/2015	2/11/2016	-20.80%	72
9/7/2000	12/20/2000	-18.23%	104	8/31/2018	12/24/2018	-27.22%	115
1/30/2001	4/4/2001	-16.80%	64	1/16/2020	3/18/2020	-41.87%	62
5/22/2001	9/21/2001	-26.74%	122	3/26/2020	4/3/2020	-10.87%	8
4/16/2002	37460.00	-30.39%	98	6/8/2020	6/11/2020	-11.76%	3
8/22/2002	10/9/2002	-20.17%	48	11/8/2021	12/1/2021	-12.09%	23
11/27/2002	3/12/2003	-15.69%	105	Average		-18.35%	73
4/5/2004	5/17/2004	-11.72%	42	Median		-15.43%	62

\*10%+ decline preceded by 10%+ rally on a closing basis

Source: Bespoke



## #tesla #options

Tesla is in a league of its own in terms of options activity.

### Tesla options activity is a huge outlier

Average daily share volume and option volume, over one month, for largest US-listed stocks (market cap > \$100bn), as a % of shares outstanding



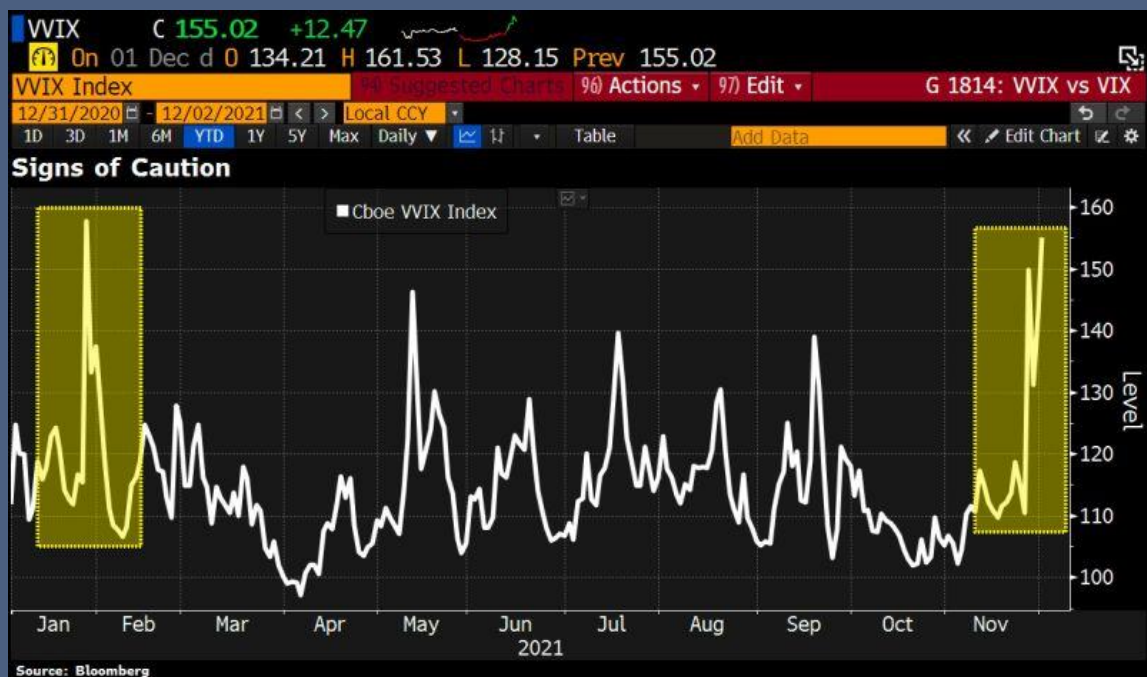
Sources: Goldman Sachs Global Investment Research; OptionMetrics

Source: Goldman



## #volatility

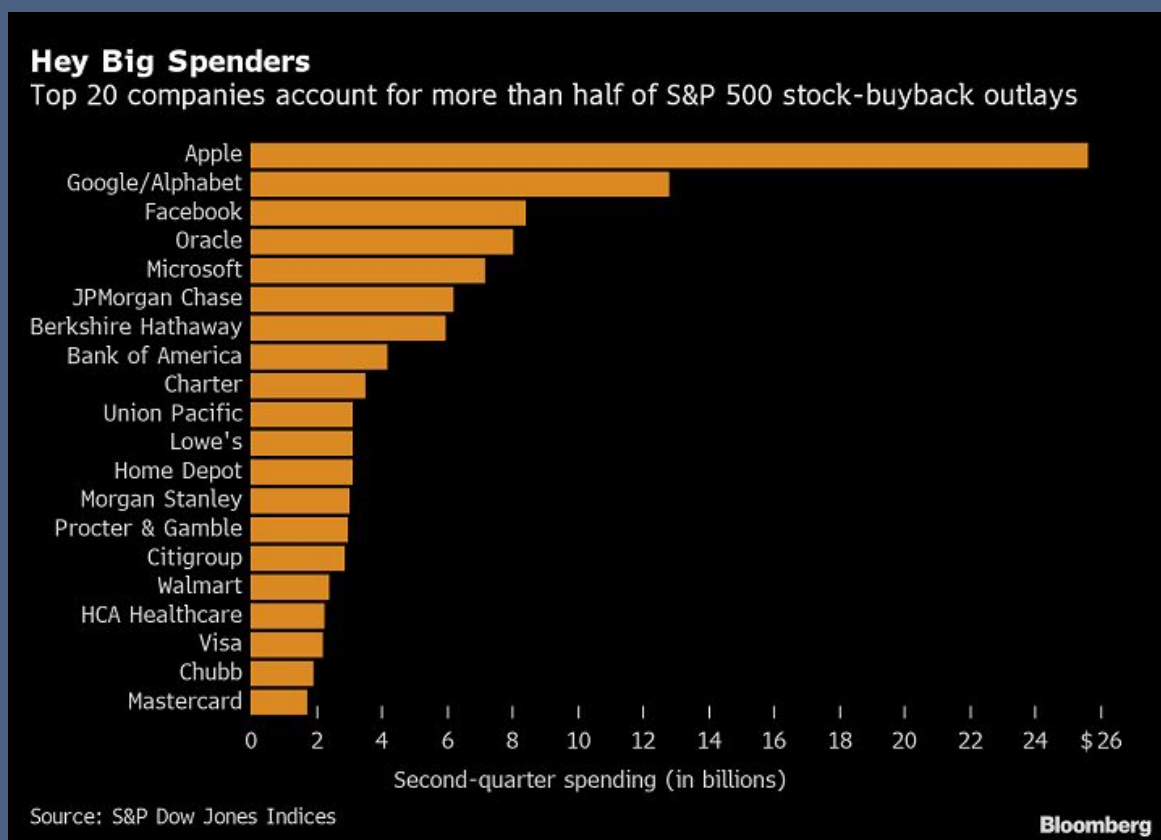
Market sentiment: Volatility of volatility spikes to January high.



Source: Bloomberg

## #us #equities #buybacks

Four of the five largest share buyback programs over the past year have been by members of the FAANG + Microsoft cohort.

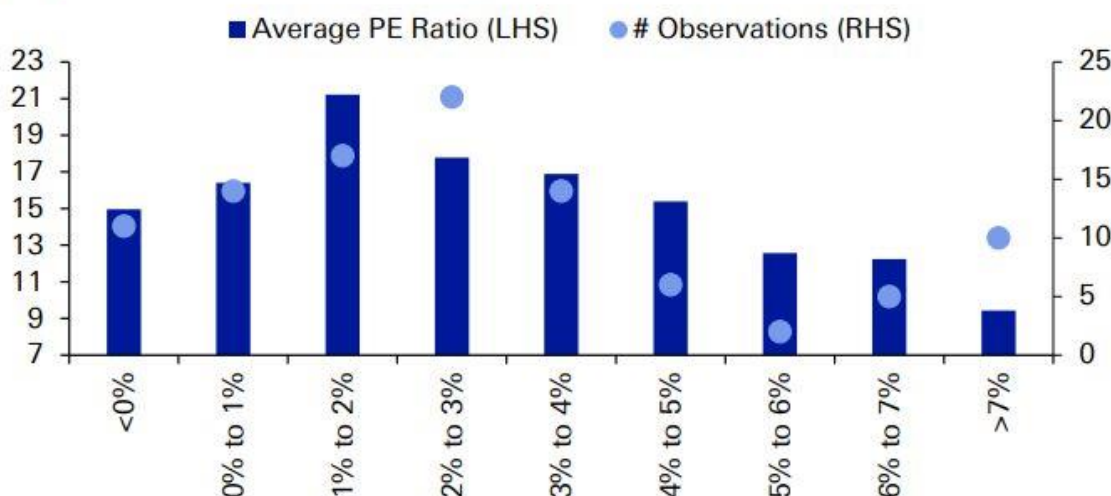


Source: Bloomberg

## #us #equities #valuation

US P/E ratio since 1920 by different inflation buckets. "Over the last 100 years, US equities have had much higher multiples under low but slightly positive inflation (1-2% the sweet spot), than when below and especially above this. The periods of high inflation have been less frequent than low inflation, but when they've arrived they've always previously been associated with low equity multiples. Given where multiples are today, it's a brave person who suggests US equities are good value on a real basis, especially if inflation stays structurally higher." Jim Reid, DB

Figure 1: US PE ratio since 1920 by different inflation buckets



Source : GFD, Deutsche Bank

Source: Deutsche Bank

## #us #equities #december

It's unusual for the S&P to produce a negative return during December. It's only happened about a quarter (27 pct) of the time since 1980, down an average of 2.8%. Data Trek looks at the negative December months. "During the rare times that the S&P performed negatively in December, it was either due to a macro/geopolitical-related issue or after already strong year-to-date returns. Here are the December returns for the 11 years when the S&P has been down in that month since 1980 and their corresponding reasons why".

### Macro or geopolitical-related issues:

- 1981 (S&P down 3.0 pct in December): Bear market
- 2002: (-6.0 pct): Lead up to Gulf War II
- 2005 (-0.1 pct): Concerns about an economic slowdown
- 2007 (-0.9 pct): First month of Great Recession
- 2015 (-1.8 pct): Confluence of issues this year (i.e. falling oil prices, Chinese economic slowdown, first Fed rate hike in almost a decade)
- 2018 (-9.2 pct): Fourth Fed rate hike that year with hawkish communication

### Negative December performance in years with above-average total annual returns:

- 1980 (-3.4 pct in December): +31.7 pct total annual return
- 1983 (-0.9 pct in Dec): +22.3 pct for the year
- 1986 (-2.8 pct in Dec): +18.5 pct for the year
- 1996 (-2.2 pct in Dec): +22.7 pct for the year
- 2014 (-0.4 pct in Dec): +13.5 pct for the year
- Average total return: +21.7 pct

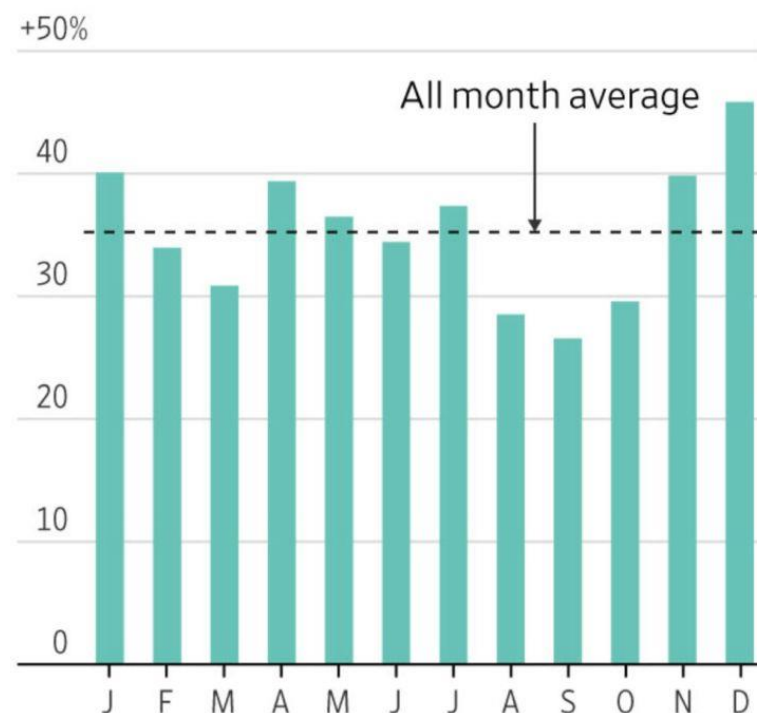
Source: Datatrek, TME

## #us #equities #december

Investors are often bullish in December

### Holiday Spirit?

Stock-market timers' average monthly recommended equity exposure level since 2000\*



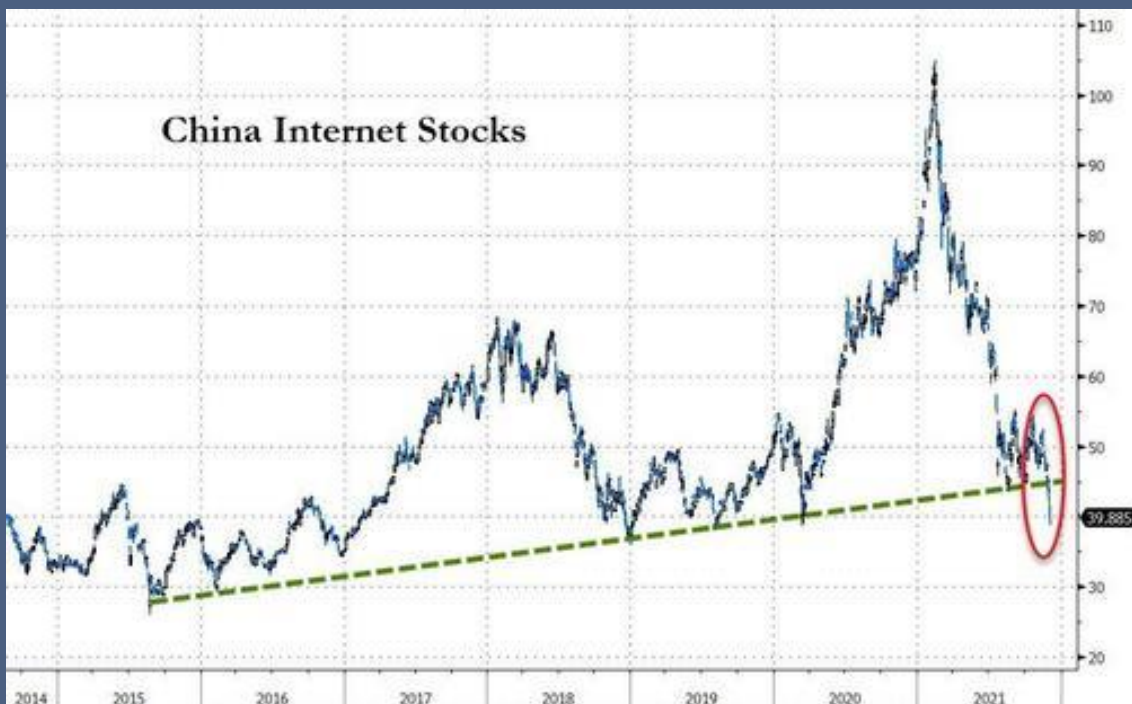
\*Among approximately 100 stock-market timing newsletters monitored by Hulbert Ratings

Source: Hulbert Ratings

Source: Hubert Ratings

## #china #internet #stocks

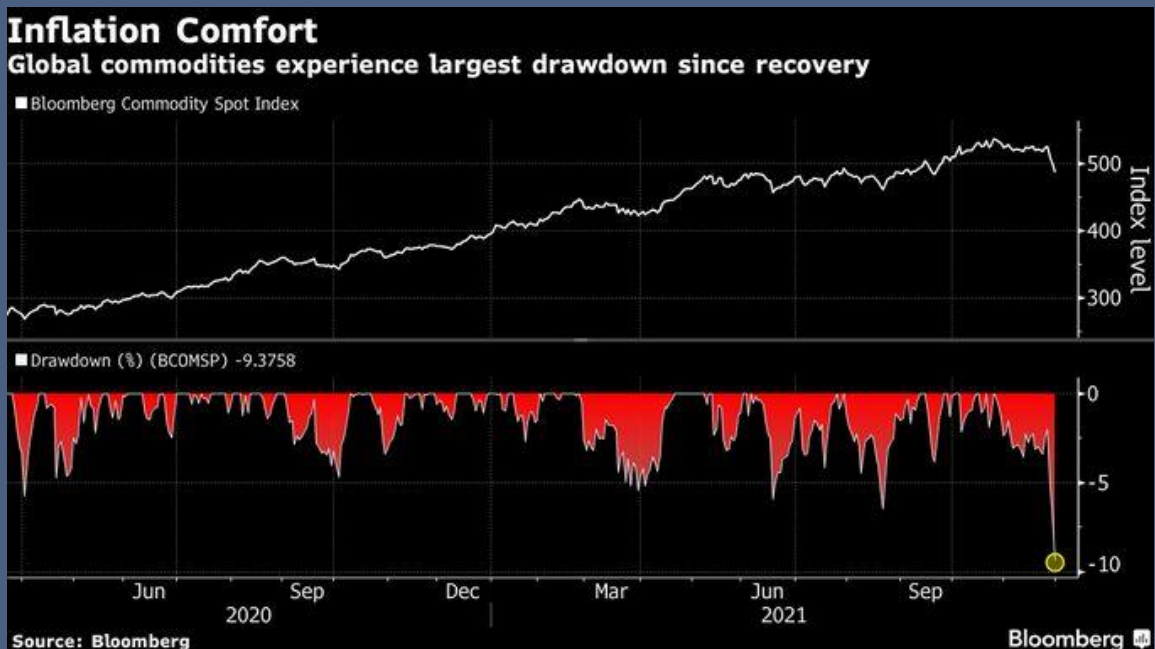
China tech puked. Nasdaq Golden Dragon index crashed over 9% on Friday, its biggest drop since 2008.



Source: [www.zerohedge.com](http://www.zerohedge.com), Bloomberg

## #commodities

Global commodities have experienced the largest drawdown since the recovery begun, strengthening hopes that inflation relief may be just around the corner.



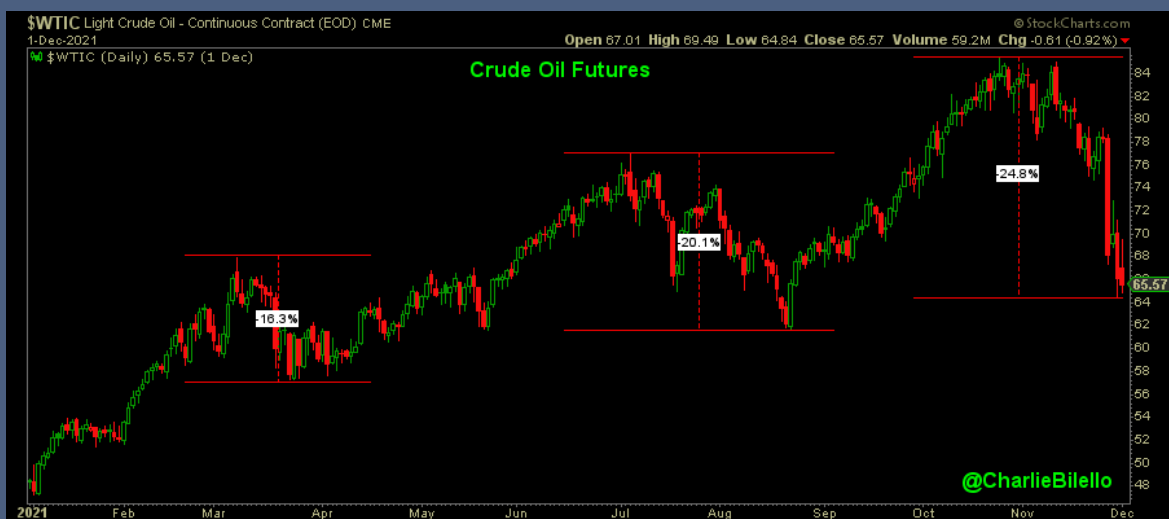
Source: Bloomberg



4<sup>th</sup> of December 2021

## #oil

The 25% decline in Crude Oil from its peak in late October is its largest drawdown this year



Source: Charlie Bilello

4<sup>th</sup> of December 2021

## #natural-gas

NatGas crashed to its worst week in almost 25 years...



Source: [www.zerohedge.com](http://www.zerohedge.com), Bloomberg

## #us #treasuries

The 30Y Yield is at its lowest of 2021 (and 2Y at its highest yield since March 2020)....



Source: [www.zerohedge.com](http://www.zerohedge.com), Bloomberg

4<sup>th</sup> of December 2021

## #us #treasuries #fed #rate-hikes

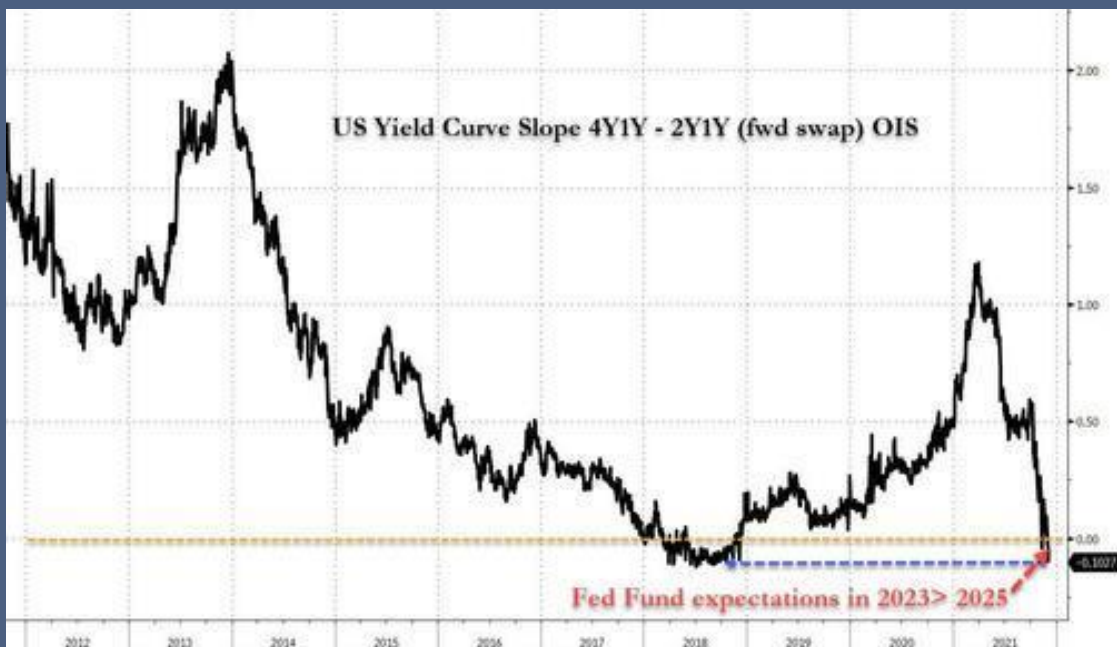
Rate-hike odds are moving notably higher...



Source: [www.zerohedge.com](http://www.zerohedge.com)

## #us #treasuries #yieldcurve

The market is pricing in rate-cuts between 2023 and 2025...



Source: [www.zerohedge.com](http://www.zerohedge.com), Bloomberg

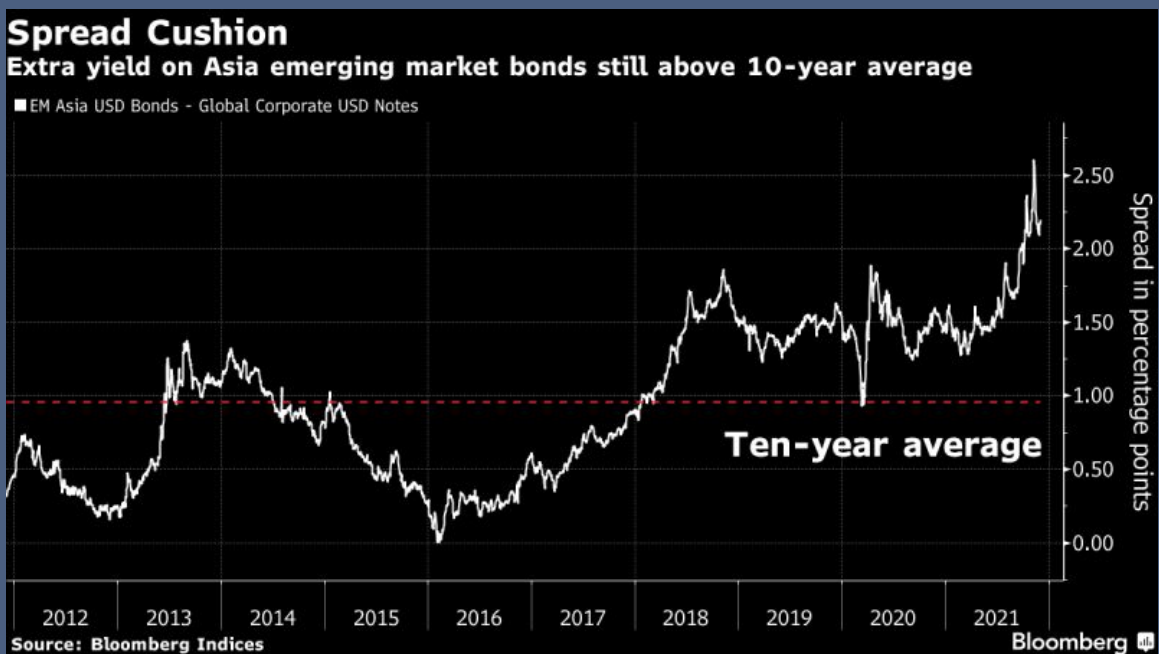
## #global #bond-yields

@CharlieBilello	Global 10-Year Yields (%)		
Country	10-year Yield (Today)	CPI (YoY)	Real Yield
GERMANY	-0.38%	4.5%	-4.88%
SWITZERLAND	-0.29%	1.2%	-1.49%
NETHERLANDS	-0.24%	3.4%	-3.64%
AUSTRIA	-0.13%	3.7%	-3.83%
FINLAND	-0.11%	3.2%	-3.31%
DENMARK	-0.08%	3.0%	-3.08%
BELGIUM	-0.03%	4.2%	-4.19%
FRANCE	-0.02%	2.6%	-2.62%
JAPAN	0.06%	0.1%	-0.05%
IRELAND	0.07%	5.1%	-5.03%
SWEDEN	0.10%	2.8%	-2.70%
PORTUGAL	0.30%	1.8%	-1.50%
SPAIN	0.37%	5.4%	-5.03%
UK	0.81%	4.2%	-3.40%
ITALY	0.95%	3.0%	-2.05%
HONG KONG	1.43%	1.7%	-0.27%
US	1.43%	6.2%	-4.77%
CANADA	1.51%	4.7%	-3.19%
AUSTRALIA	1.65%	3.0%	-1.35%
SINGAPORE	1.68%	3.2%	-1.52%
SOUTH KOREA	2.19%	3.2%	-1.01%
NEW ZEALAND	2.38%	4.9%	-2.52%
CHINA	2.91%	1.5%	1.41%
POLAND	3.28%	6.8%	-3.52%
PHILIPPINES	5.04%	4.6%	0.44%
INDIA	6.35%	4.5%	1.87%
INDONESIA	6.45%	1.7%	4.79%
MEXICO	7.75%	6.2%	1.51%
RUSSIA	8.40%	8.1%	0.27%
SOUTH AFRICA	9.67%	5.0%	4.67%
BRAZIL	11.41%	10.7%	0.74%
TURKEY	21.26%	19.9%	1.37%

Source:  
Charlie Bilello

## #emerging-markets #asian #bonds

The yield spread between emerging-market Asian dollar notes and global corporate bonds is still more than double the 10-year average, giving a buffer to absorb higher rates, Bloomberg credit indexes show.



Source: Bloomberg



## #usdollar

Uncertainty over the latest Covid-19 variant and its associated risk-off moves could mean more of a short euro-dollar squeeze higher, yet it doesn't shake the positive tailwinds behind the dollar (positive macro momentum, hawkish Fed)



Source: Bloomberg

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## #global #macro

The OECD joins those of us worried that Omicron, the new Covid variant, risks both lowering growth and adding to inflationary pressures — i.e., a stagflationary wind.

**The Omicron coronavirus variant threatens to intensify imbalances that are slowing growth and raising costs, the OECD said yesterday as it significantly increased its inflation forecasts from three months ago.**

Source: El Erian

## #global #macro

The global recovery remains in expansion but has become less synchronized with varying rates of progression across the globe.

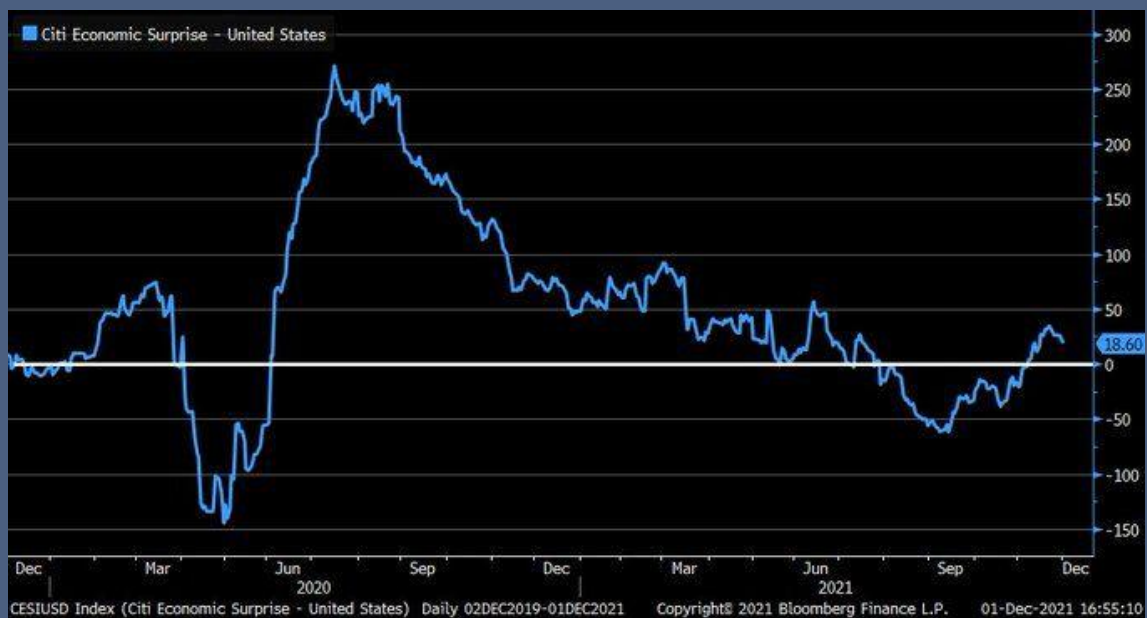
- Developed markets have more favorable near-term backdrops, with further progress on reopening and higher vaccination rates.
- China slipped into a growth recession amid significantly decelerating industrial activity, tighter regulatory action, and a severe slowdown in its property sector. Many other developing markets continue to struggle with COVID-19 challenges and higher inflation.
- Despite the pattern of staggered and uncertain growth, the general trend of fewer restrictions on activity likely implies continued global economic expansion.



Source: Fidelity

## #us #macro

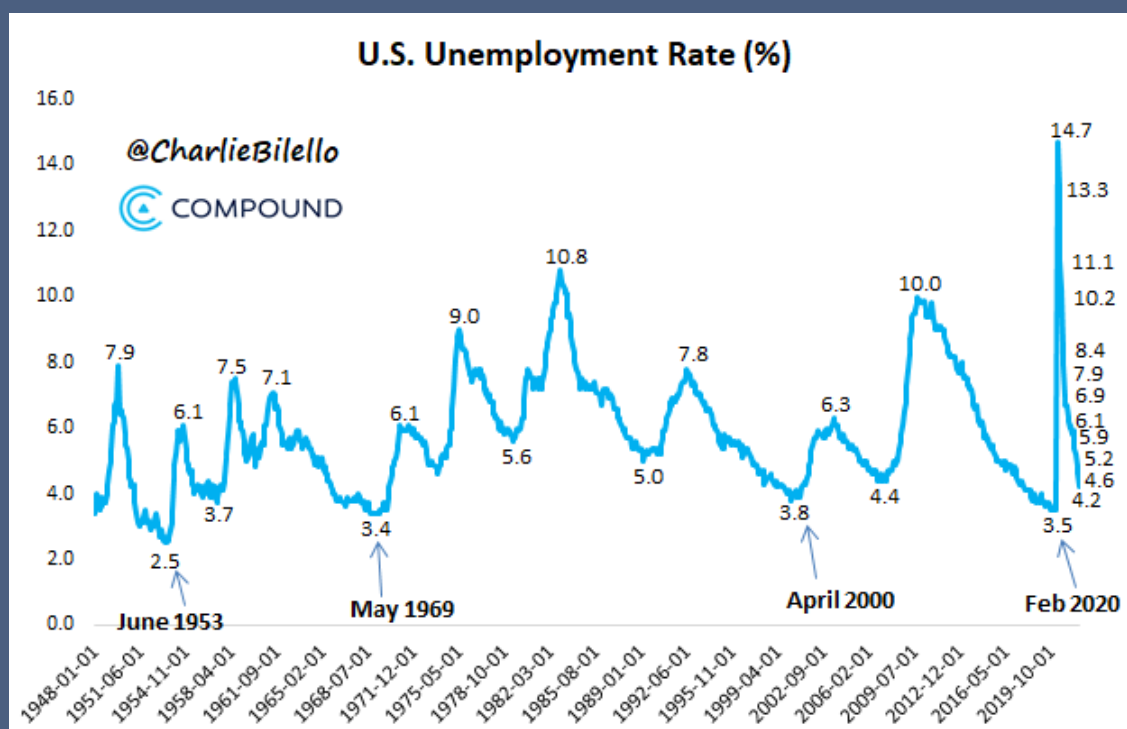
Citi U.S. Economic Surprise Index has been rolling over since end of November (though still in positive territory).



Source: Bloomberg

## #us #macro

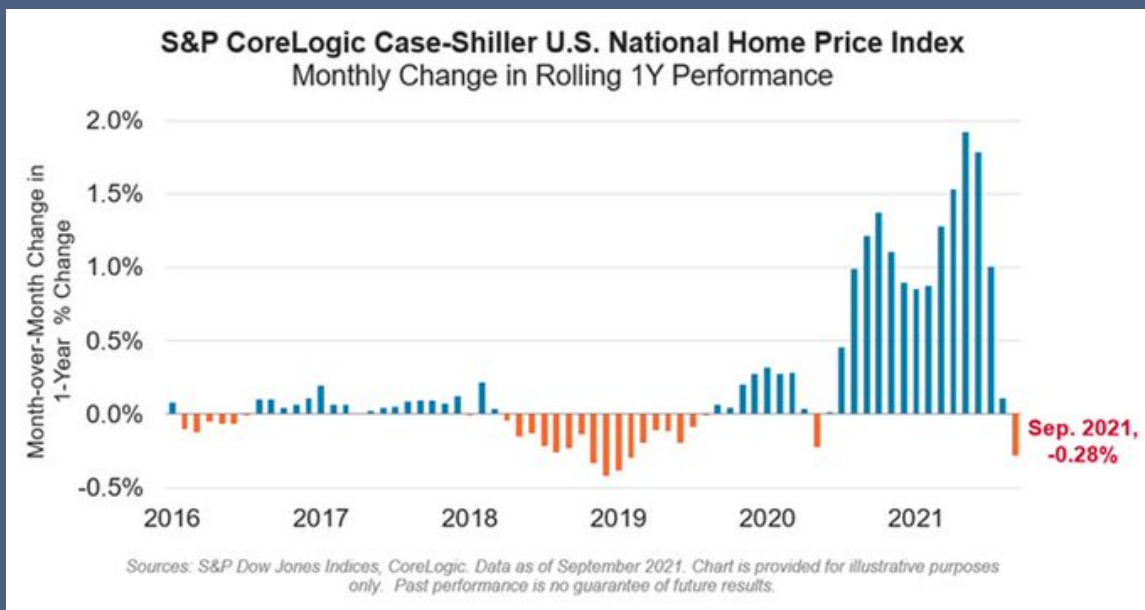
US Unemployment Rate moves down to 4.2%, the lowest level since the start of the pandemic.



Source: Charlie Bilello

## #us #macro

US home prices data showed 20% y/y gain in September for S&P Core Logic Case-Shiller U.S. National Home Price Index, making for 3rd-straight month of 20%; also marked break in record postings with a slight deceleration in growth.



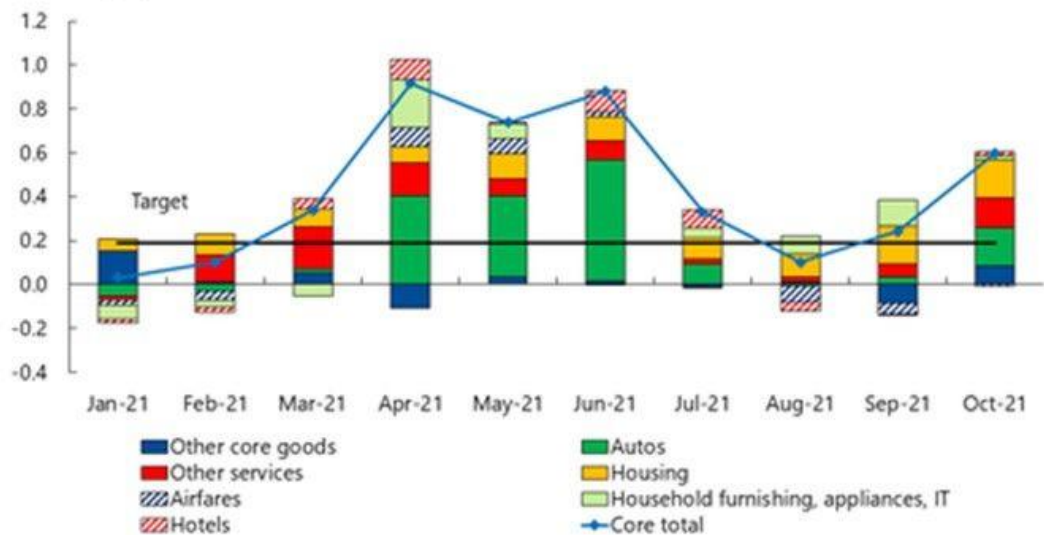
Source: S&P

## #us #macro

From the IMF on the recent acceleration and broadening of US core inflation.

### Contributions to Core CPI

(Percent m/m)



Sources: Haver and IMF staff calculations.

Note: "Target" is monthly rate that produces annualized 2.3 percent CPI growth.

Source: IMF



## #us #macro

Customer's inventories just hit near record lows again after a strong ISM print.

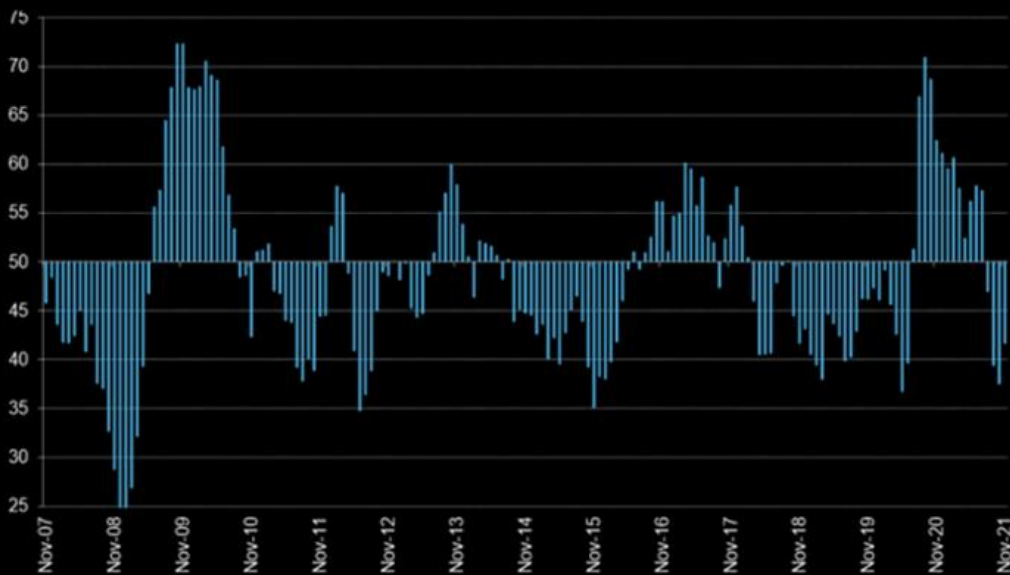


Source: Crescat Capital

## #us #macro #supplychain

Supply chain headwinds are easing. The MS CAPMI Index rose 5 points to 42. Supply chain headwinds appear to be easing, evidenced by sequential improvements in activity and moderating delivery time expectations. That said, there is risk that improvements prove temporary, particularly if the Omicron variant leads to further shutdowns.

**Exhibit 1:** Our MS CAPMI Index Rose 5 Points to 42 in November



Source: Morgan Stanley Research

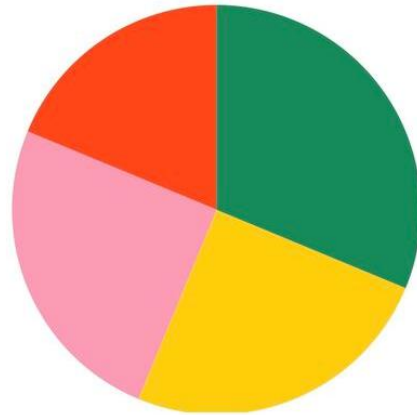
Source: MS Research





Source: MS Research

#us #macro #supplychain

## What the community thinks

#QuestionOfTheWeek: How do you see supply chain disruptions developing into 2022?

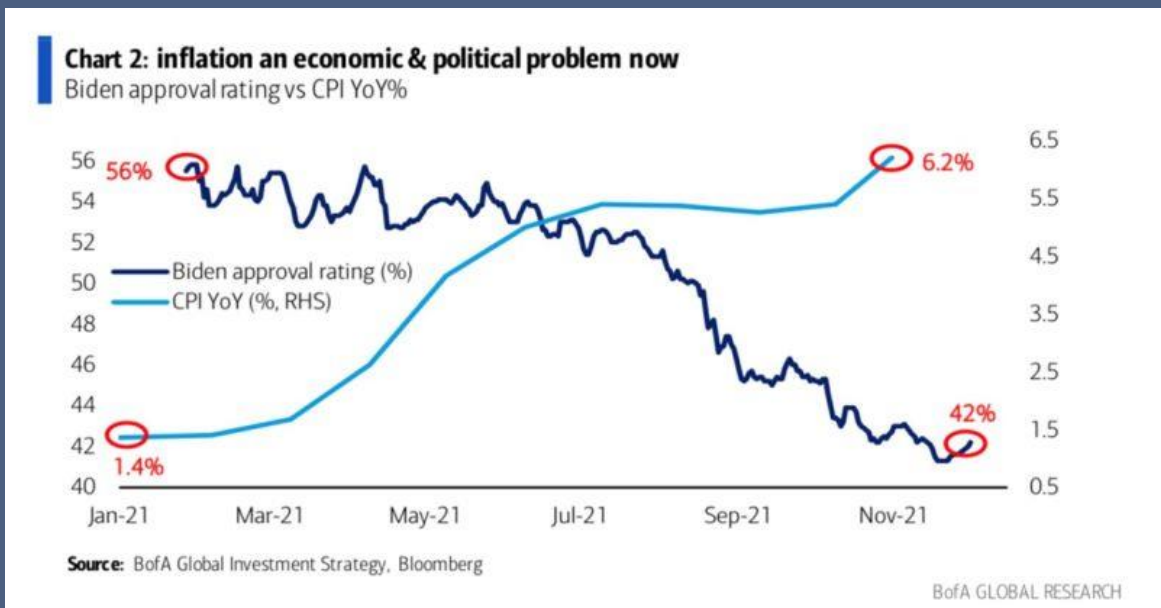


-  **18.75%**  
Worsen
-  **25.00%**  
Ease substantially
-  **25.00%**  
Move into background
-  **31.25%**  
Ebb and flow

Source: Blackrock

## #us #macro #politics

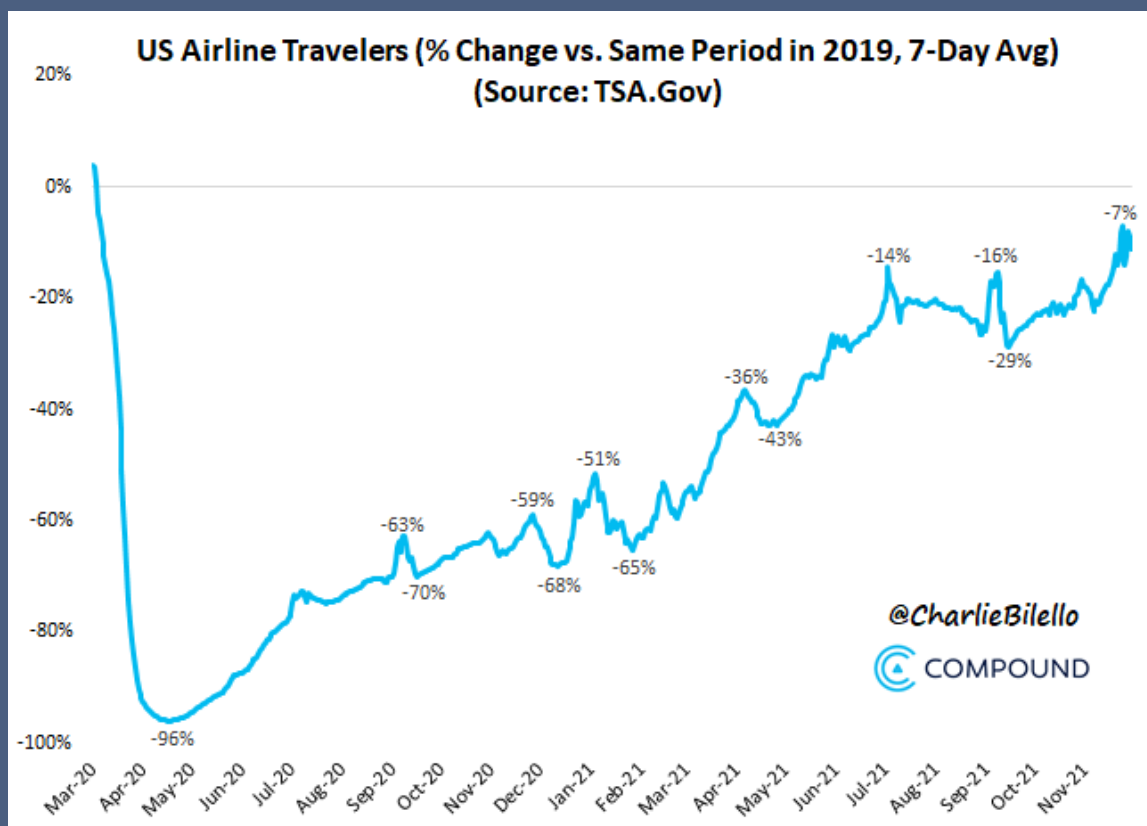
It might be too soon to establish a link between inflation and Biden's approval rating but history shows that persistently high inflation creates political damage.



Source: BofA

## #us #macro

US airline travel came within 7% of pre-covid levels during Thanksgiving which is the closest we've seen since the start of the pandemic.



Source: Charlie Bilello

## #us #macro #debt

\$29 trillion debt and counting



Source: [usdebtclock.org](https://usdebtclock.org)

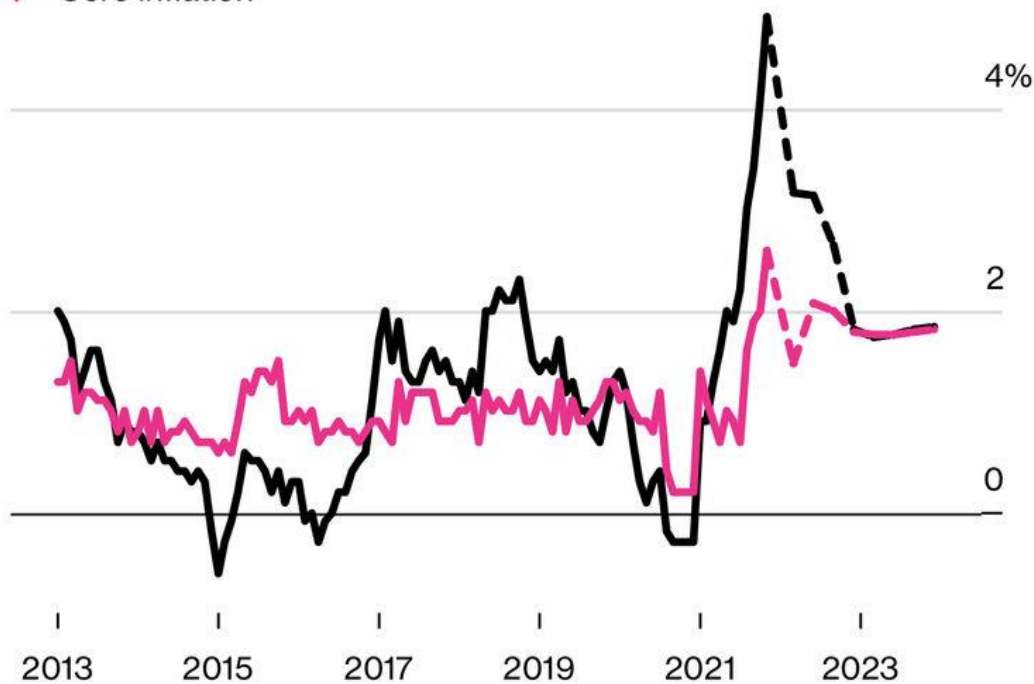
## #eu #macro

EUR Inflation Nov 2021 = 4.9% highest ever ...

### Euro-Area Price Watch

The current inflation surge is projected to moderate

- Headline inflation (forecasts for 2022 and 2023)
- Core inflation



Source: Eurostat, Organization for Economic Cooperation and Development

**Bloomberg**

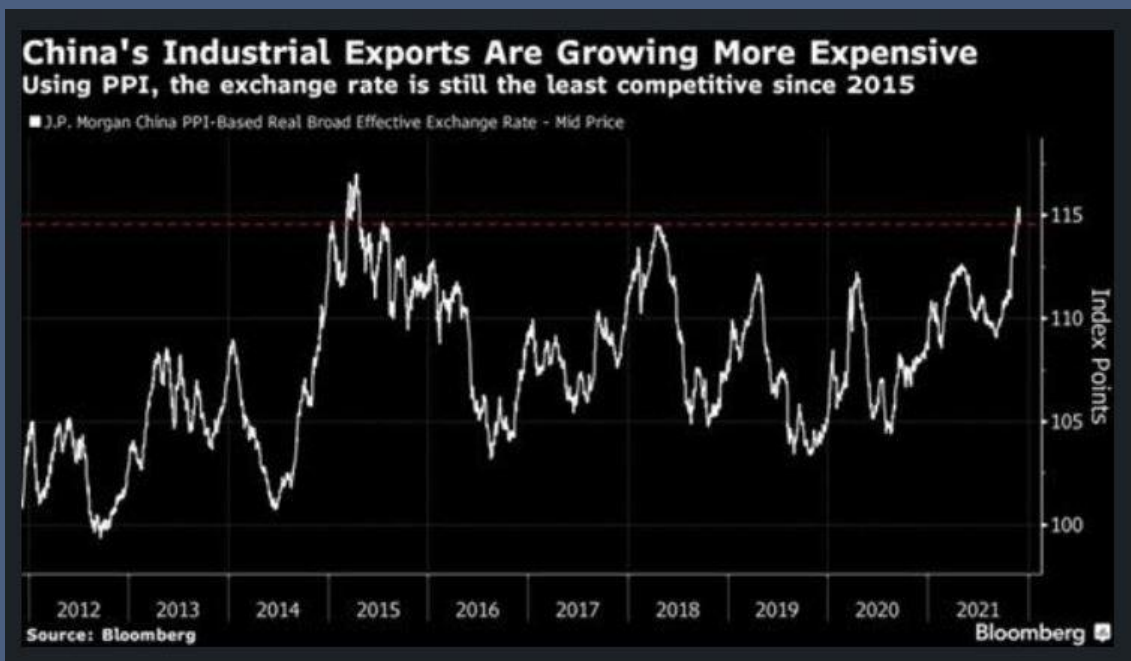
Source: Bloomberg



## #china #macro

### WILL CHINA BECOME AN INFLATION EXPORTER?

John Authers yesterday highlighted an important story on the inflation front. Over the last decades, China has been exporting #deflation via cheaper goods priced at a relatively cheap #currency. Fast forward to the 2020s, China is now exporting inflation on a large scale via a stronger #yuan and higher costs. A stronger renminbi is deflationary for them but inflationary for everyone else - including the US. A key development to be kept in mind for the foreseeable future.

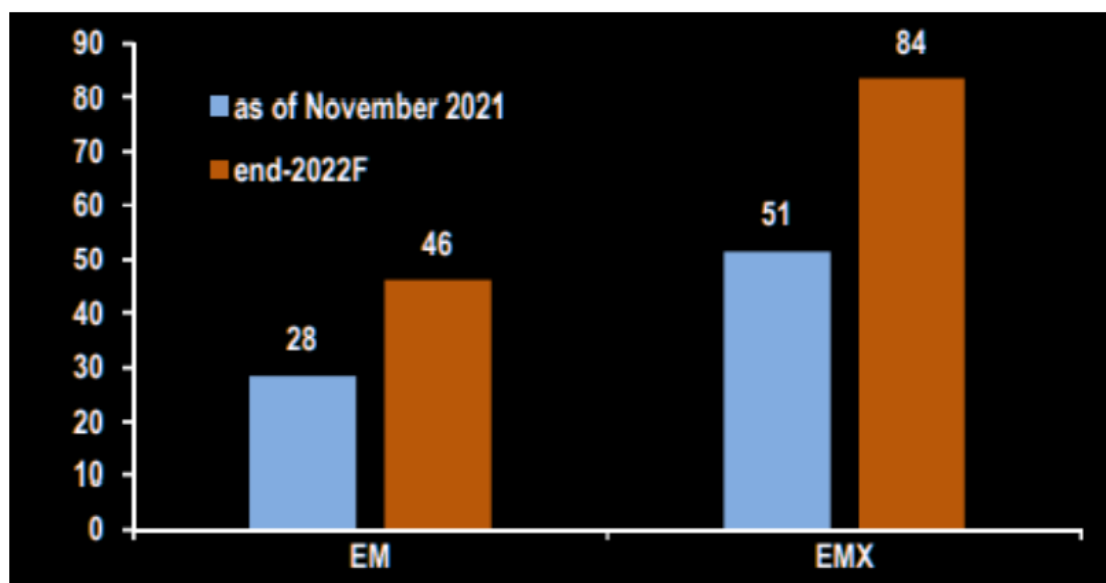


Source: Bloomberg, Steven Grey

## #em #macro

More EM CB to hike rates in 2022 % share of EMs (GDP weighted), 2022 is JPM forecast .

EM rate hikes



Source: JPM

Source: JPM

## #southafrica #macro

South Africa unemployment rate is soaring and Omicron is not likely to improve the picture.




Source: The Daily Shot

## #fed

See below the historical level of the Effective Fed Funds Rate and Inflation Rates when the Unemployment Rate was at 4.2%, as it is today. This year looks like an outlier indeed... Reasons to keep rates this low: 1) \$29T debt to be monetized; 2) Prevent some of the asset bubbles to collapse and; 3) Inflation is expected to cool down from current level most politically correct explanation).

US Fed Funds Rate with Unemployment Rate at 4.2%				
Month	Unemployment Rate	Effective Fed Funds Rate	CPI YoY	Real Fed Funds Rate
Jun-55	4.2%	1.64%	-0.9%	2.49%
Aug-55	4.2%	1.96%	-0.5%	2.44%
Nov-55	4.2%	2.35%	0.4%	1.98%
Dec-55	4.2%	2.48%	0.4%	2.11%
Mar-56	4.2%	2.50%	0.4%	2.13%
Dec-56	4.2%	2.94%	2.8%	0.11%
Jan-57	4.2%	2.84%	3.1%	-0.29%
Jul-57	4.2%	2.99%	3.3%	-0.31%
Oct-65	4.2%	4.08%	1.7%	2.38%
Feb-70	4.2%	8.98%	6.4%	2.56%
Mar-99	4.2%	4.81%	1.7%	3.08%
May-99	4.2%	4.74%	2.1%	2.65%
Aug-99	4.2%	5.07%	2.3%	2.81%
Sep-99	4.2%	5.22%	2.6%	2.59%
Jan-01	4.2%	5.98%	3.7%	2.26%
Feb-01	4.2%	5.49%	3.5%	1.96%
Sep-17	4.2%	1.15%	2.2%	-1.08%
Nov-21	4.2%	0.08%	6.2%	-6.16%

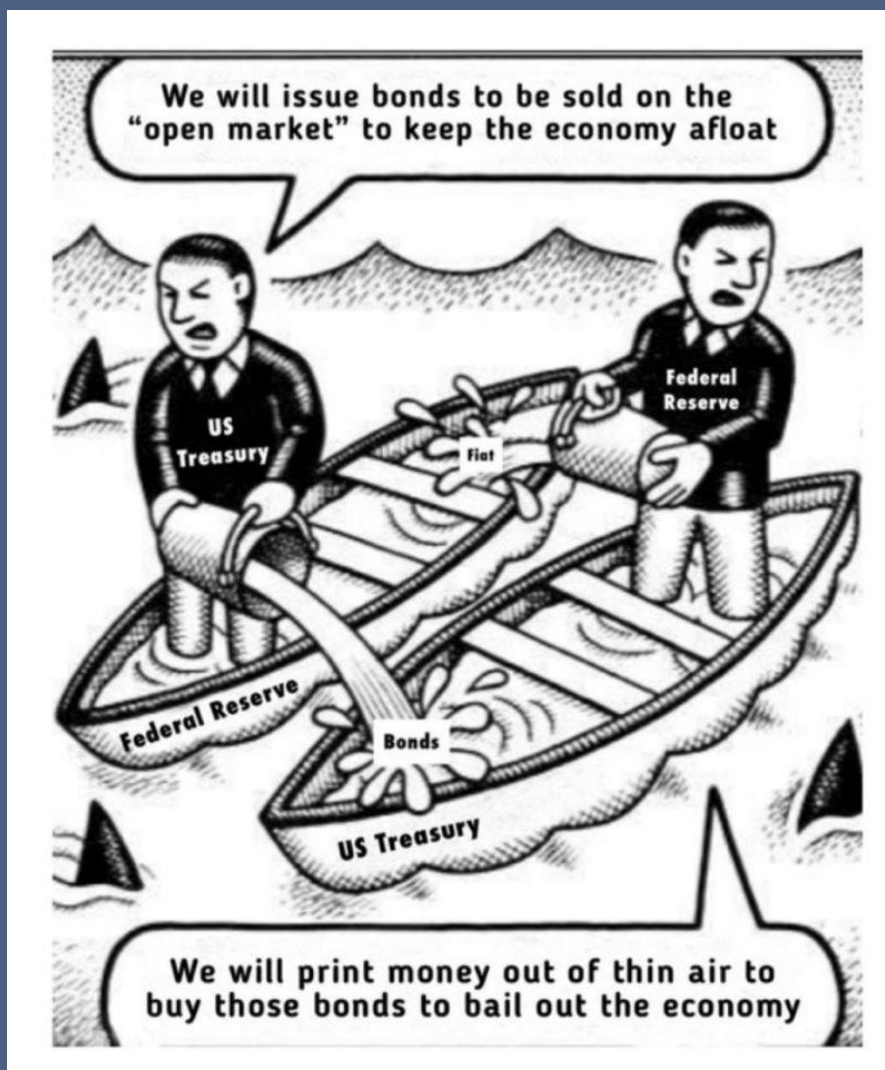

**COMPOUND**

@CharlieBiello

Source: Charlie Biello

## #fed

Fed Chairman J. Powell said he expects policymakers in December to discuss accelerating the timetable for the tapering of monthly bond purchases. But how much and how fast can the Federal Reserve really taper given the massive amount US Treasuries to be issued?



## #ecb

Olaf Scholz eyes Joachim Nagel to run Germany's Bundesbank. Nagel, 55, who spent most of his career at the Bundesbank before joining BIS as deputy head of the banking unit last year, has emerged as the preferred candidate to succeed Jens Weidmann.

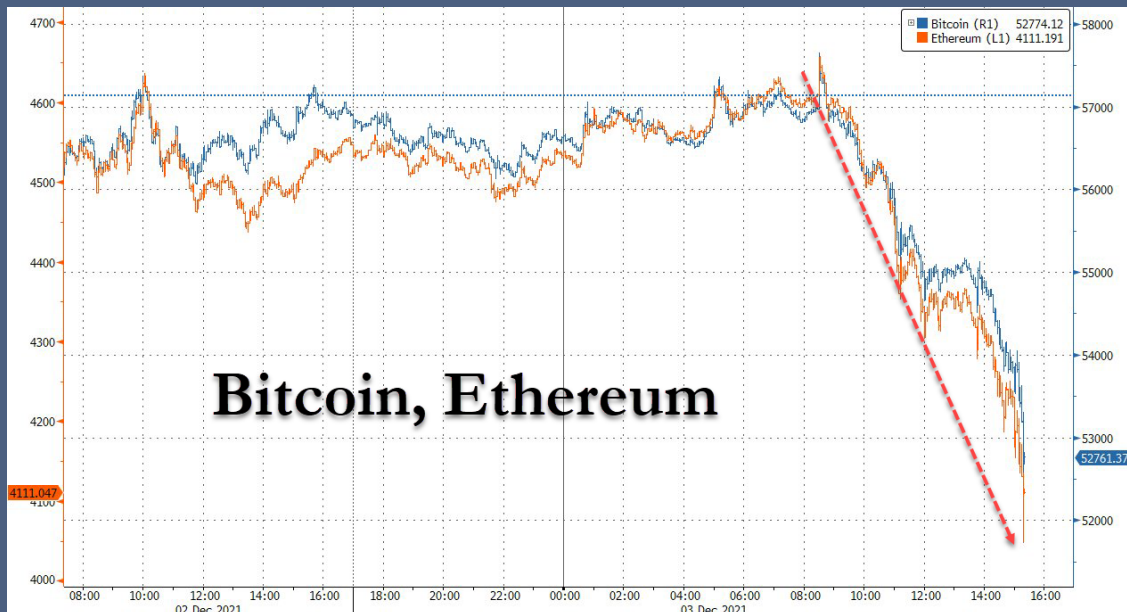


Source: Bloomberg



## #cryptocurrencies

Bitcoin broke down to a \$51k handle and below its 100DMA (lowest since early October) and Ethereum tested a \$4k handle, breaking back down below its 50DMA....



Source: [www.zerohedge.com](http://www.zerohedge.com), Bloomberg



4<sup>th</sup> of December 2021

## #bitcoin

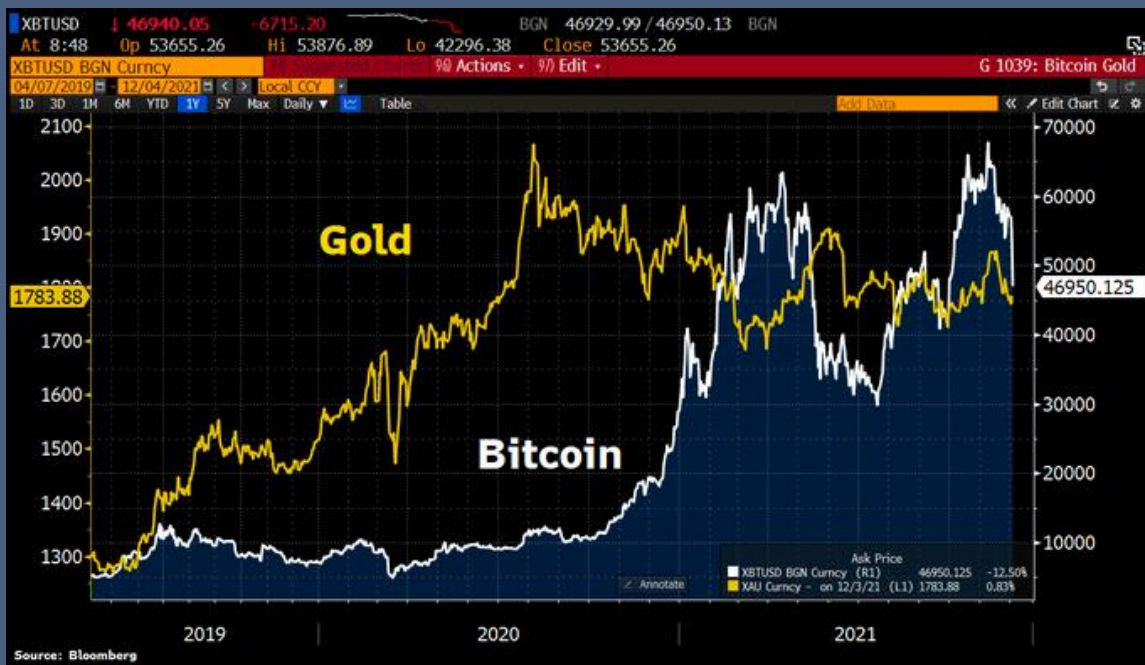
Bitcoin plunges >20% Saturday morning in another sign of global market nerves. The largest digital token fell as low as \$42,296 before paring some of the tumble.



Source: Bloomberg

## #bitcoin #gold

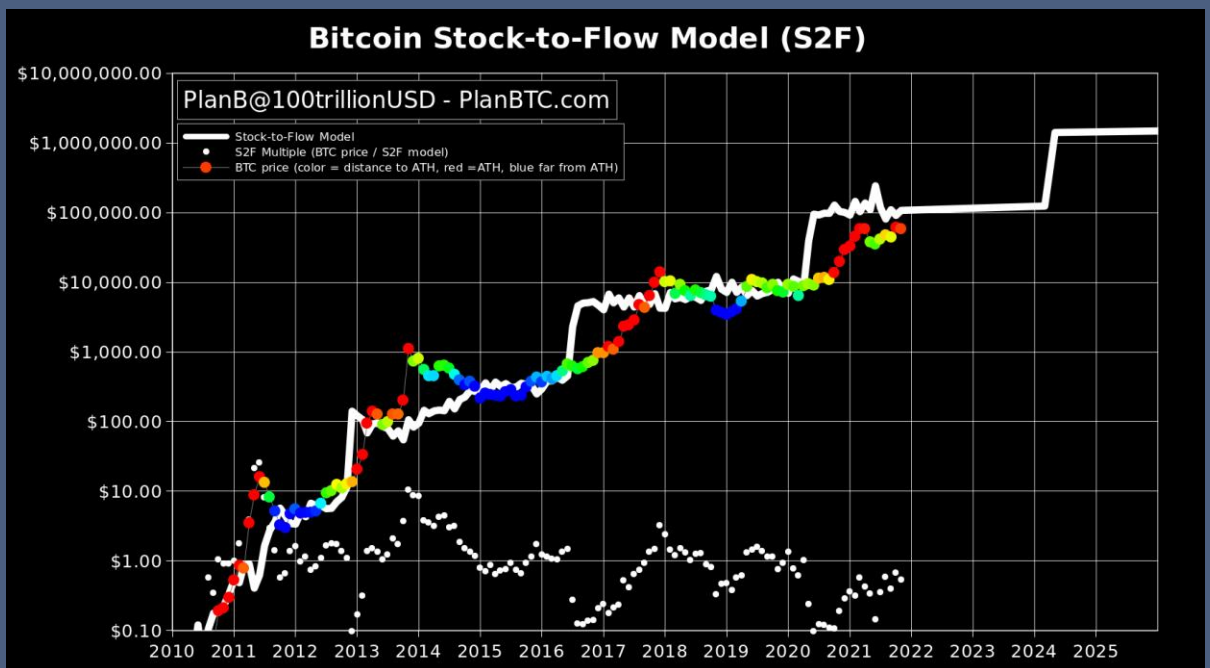
Bitcoin (digital gold) gets hammered why boring real gold looks like safe haven in market rout.



Source: Bloomberg

## #bitcoin #planB

Floor model of a \$98K November close is a first miss for Plan B model (after nailing Aug, Sep, Oct). They don't see the S2F model being affected and believes it is still on its way to \$100K.



Source: PlanB

## #cryptocurrencies #loans

Bitcoin-Backed Bonds Are Coming To Wall Street As Goldman Embraces Crypto-Collateral. According to a report from CoinDesk, Goldman Sachs, and a handful of the tier-one US banks, are figuring out how to use bitcoin as collateral for cash loans to institutions. Emulating tri-party repo type arrangements (a way of borrowing funds by selling securities with an agreement to repurchase them, involving a third-party agent), banks are exploring ways to follow the same path of not touching bitcoin, like other synthetic products.



Source: [cointelegraph](#)

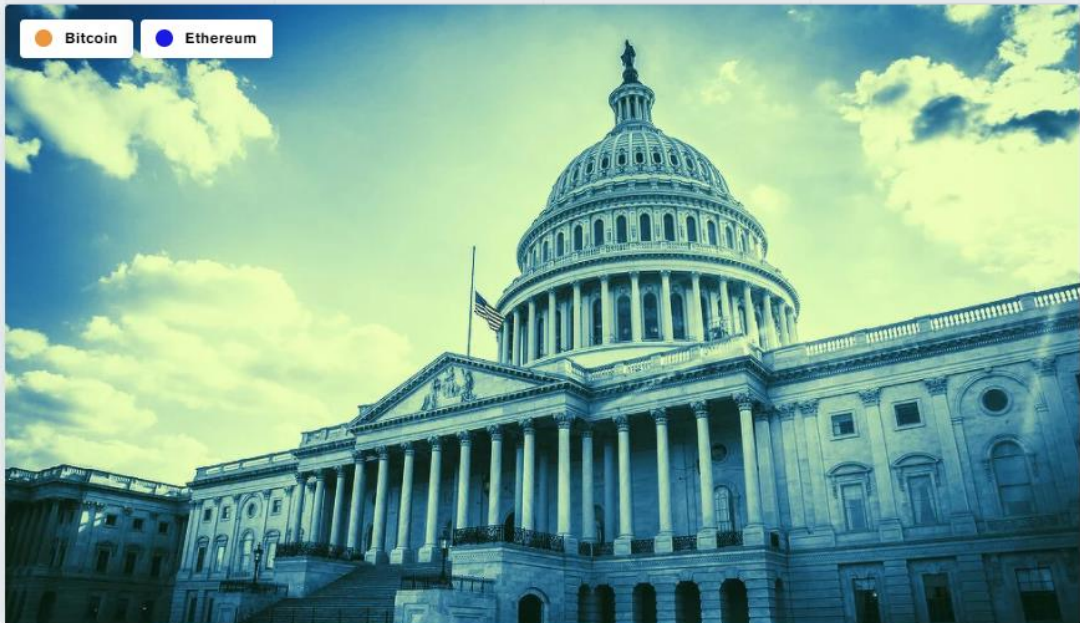
#cryptocurrencies #regulation #us

# FTX Releases Crypto Regulatory Wishlist as SBF Prepares to Testify Before Congress

FTX CEO Sam Bankman-Fried will testify before the House Financial Services Committee on December 8.

By [Jeff Benson](#)

3 min read • Dec 3, 2021 



WASHINGTON, DC.. IMAGE: SHUTTERSTOCK.

Source: Decrypt



#cryptocurrencies #regulation #india

## India to regulate, not ban, crypto: Cabinet documents

Indian crypto investors will reportedly be given a specific time frame to declare their crypto holdings and hold their assets on crypto exchanges regulated by SEBI.

7959 Total views

80 Total shares

Listen to article



0:00



Source: cointelegraph

## #bitcoin #etf

Fidelity is launching a spot bitcoin ETF in Canada this week. This will easily be the biggest asset manager to date with a bitcoin ETF.

FBTC CN C\$ Pending Listing			
FBTC CN Equity		Export ▾	Page 1/5 Security Description: ETF
1) Profile	2) Performance	3) Holdings	4) Allocations
FIDELITY ADVANTAGE BITCOIN			
Fidelity Advantage Bitcoin ETF is an exchange traded fund incorporated in Canada. The Fund aims to invest in bitcoin.			FIGI BBG013TT5831
			Objective N.A.
6) Comparative Returns   COMP »			
		Bloomberg Classification	
		Fund Type	ETF
		Asset Clas...	Alternative
		Strategy	Macro
		Style	Cryptocurrency
		Appropriations	
		Leverage	No
		Actively Managed	Yes
		Swap Based	No
		Derivatives Based	No
		Currency Hedged	No
		Replication Strategy	Not Ap...
		Securities Lending	No
7) Price		Trading Data	
NAV	N.A.	Bid Ask Spread	N.A.
INAV	N.A.	90D Avg Agg Vol	N.A.
Fund Percent Premium	N.A.	Implied Liquidity	N.A.
52 Wk H	N.A.	Market Cap	N.A.
52 Wk L	N.A.	Shares Out	N.A.
Options	No	Total Assets	N.A.
		Characteristics	
		11) Und. Index	N.A.
		Index Weight	Not Applic...
		1Y Px Track. Err...	N.A.
		1Y NAV Track. E...	N.A.
		Inception Date	12/02/21
		Expense Ratio	N.A.

Source: Bloomberg



## #nft #etf

\$NFTZ is the Defiance Digital Revolution ETF. Fee is 65bps. Here are the top holdings:

### Holdings Snapshot (%)

As of 12/01/2021

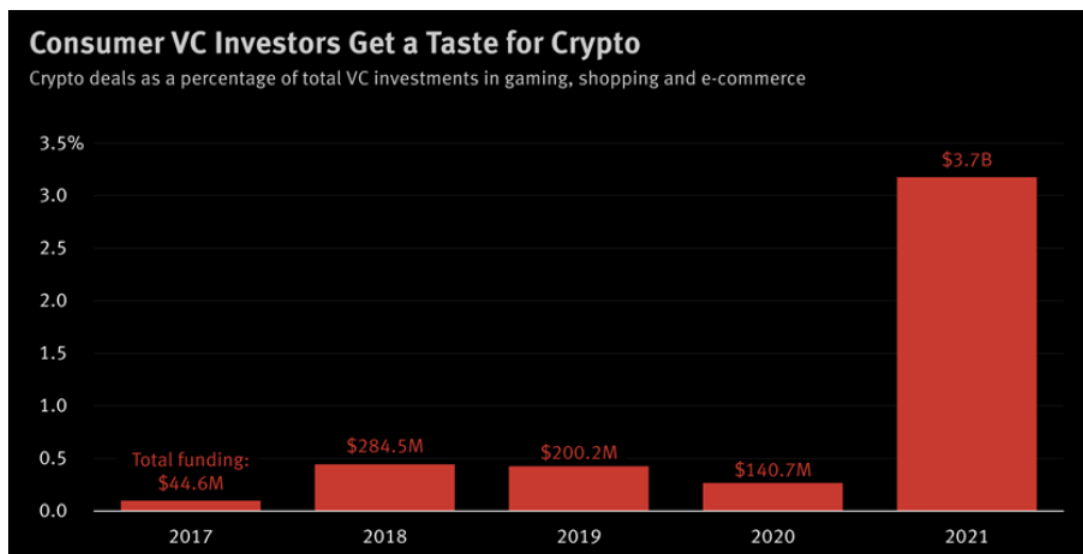
Company	Ticker	Exchange	%
Silvergate Capital Corp	SI	NYSE	6.53%
Cloudflare Class "A"	NET	NYSE	5.55%
Plby Group Inc	PLBY	NASDAQ	5.04%
Bitfarms Ltd	BITF	CVE	4.89%
Marathon Digital Holdings Inc	MARA	NASDAQ	4.70%
Hut 8 Mining Corp	HUT	TSE	4.64%
Coinbase Global Inc	COIN	NASDAQ	4.46%
HIVE Blockchain Technologies Ltd	HIVE	CVE	4.37%
CleanSpark Inc	CLSK	NASDAQ	4.23%
Northern Data AG	NB2	ETR	4.21%

Source: Eric Balchunas

## #crypto #venture-capital

"Venture capitalists investing in consumer startups are writing more checks for crypto companies than ever before. The deals underscore how blockchain technology is reshaping industries like gaming and e-commerce, pushing long-standing consumer investors to remake themselves as crypto backers. Investors have poured \$3.7 billion into cryptocurrency-based gaming, commerce and shopping startups this year, including NFT marketplace OpenSea and Sky Mavis, developer of the popular blockchain-based game Axie Infinity"

### Consumer Crypto



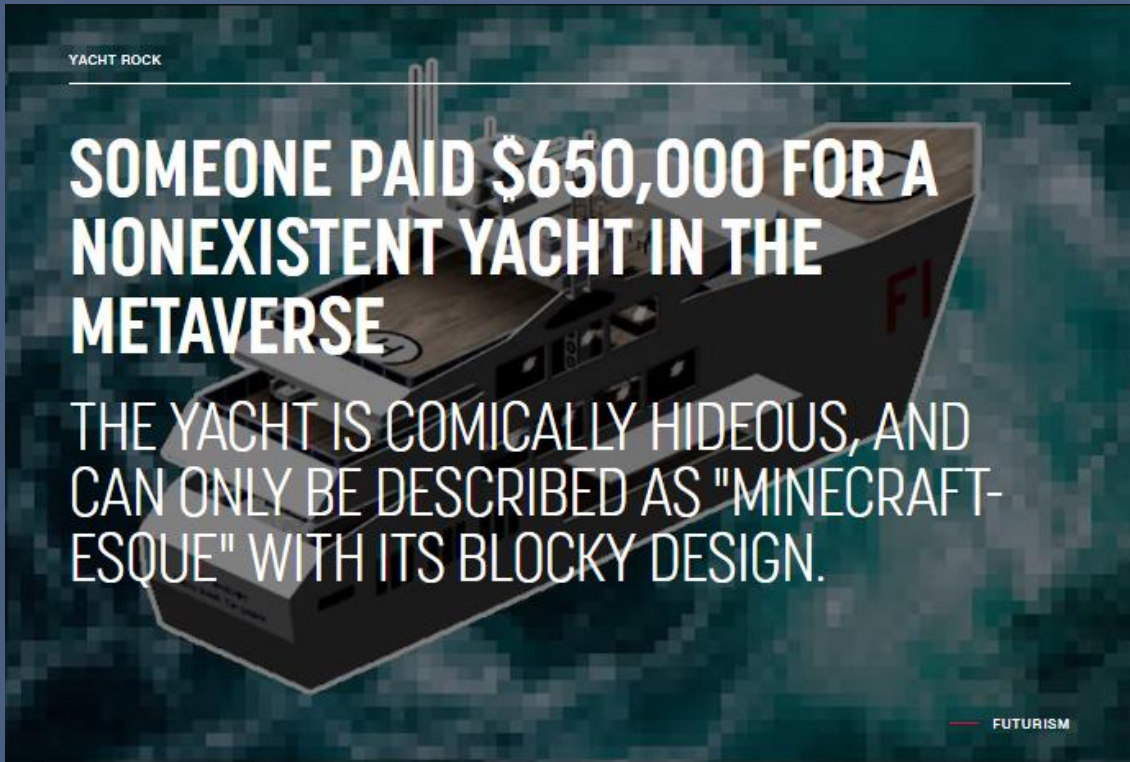
Source: The Information

Source: The Information, TME

4<sup>th</sup> of December 2021

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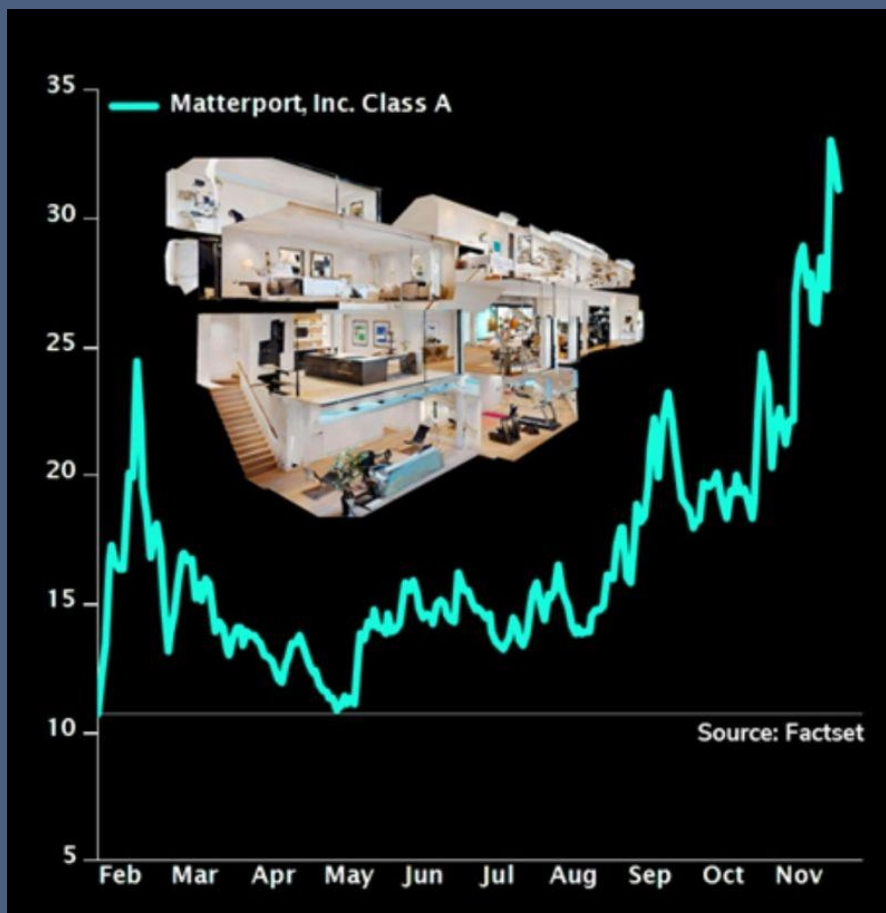
## #metaverse



Source: [futurism.com](https://futurism.com)

## #metaverse

Growing attention has turned to the Metaverse. Part of this requires to virtualize our surroundings to bring it in the digital worlds, often called digital twins. Matterport is known already to do this for the real estate industry, allowing future acquirers to pre-visit items with VR headsets. The company notably partnered with Meta (FB) to enhance how robotics navigate through our homes. The stock up more than 190% since its IPO in February

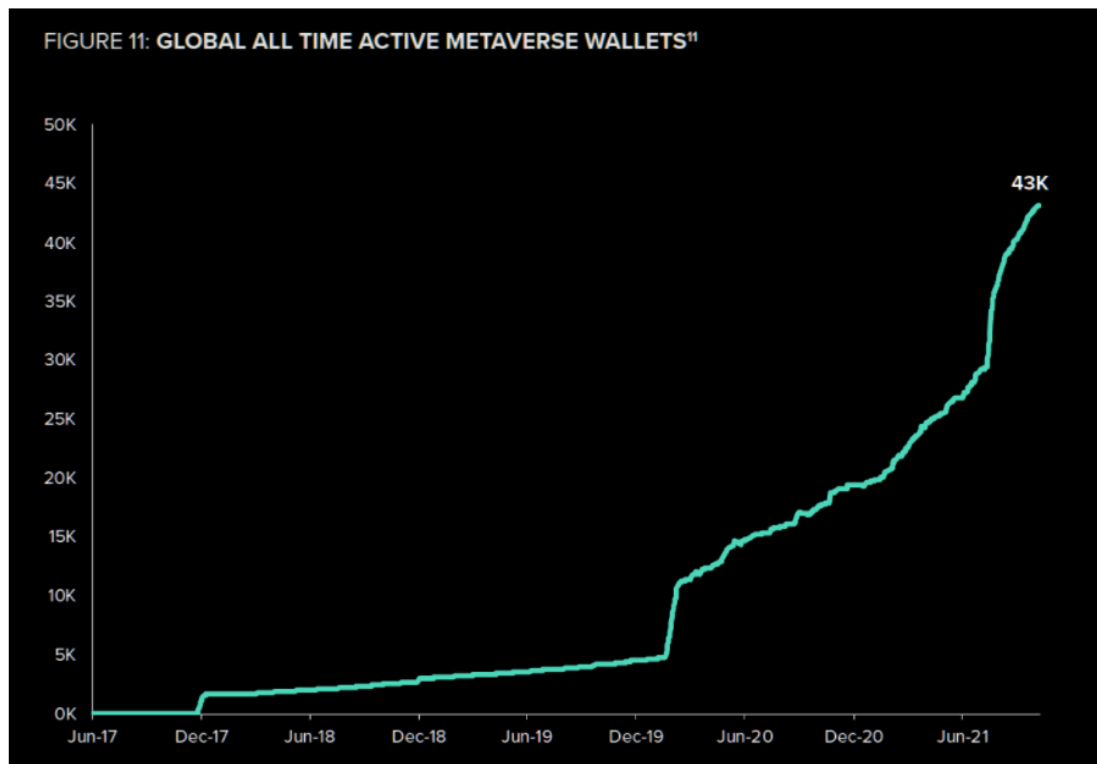


## #metaverse

Web 3.0 Metaverse virtual world users have seen rapid growth over recent years. Today, Web 3.0 Metaverse virtual worlds have nearly 50,000 all-time users (active wallets as proxy), up ~10x since the beginning of 2020.

### Metaverse wallets

FIGURE 11: GLOBAL ALL TIME ACTIVE METAVERSE WALLETS<sup>11</sup>

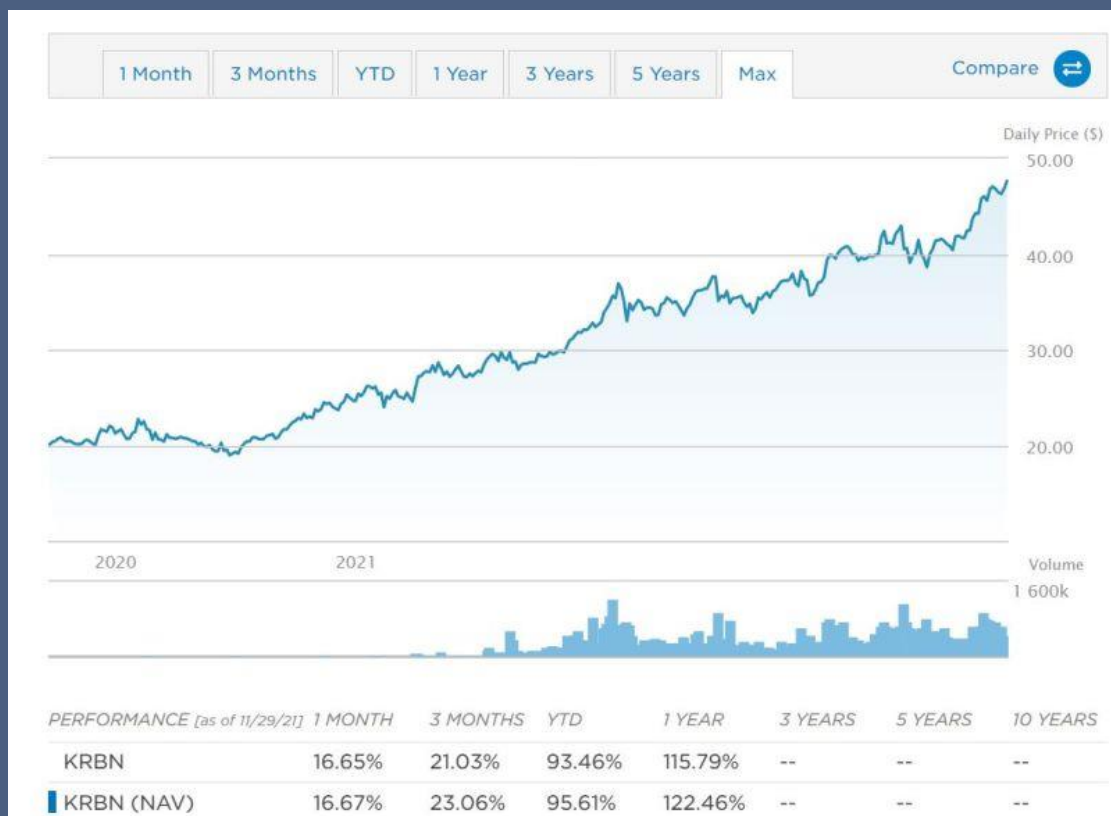


Source: Grayscale

Source: Grayscale

## #carbon-allowances

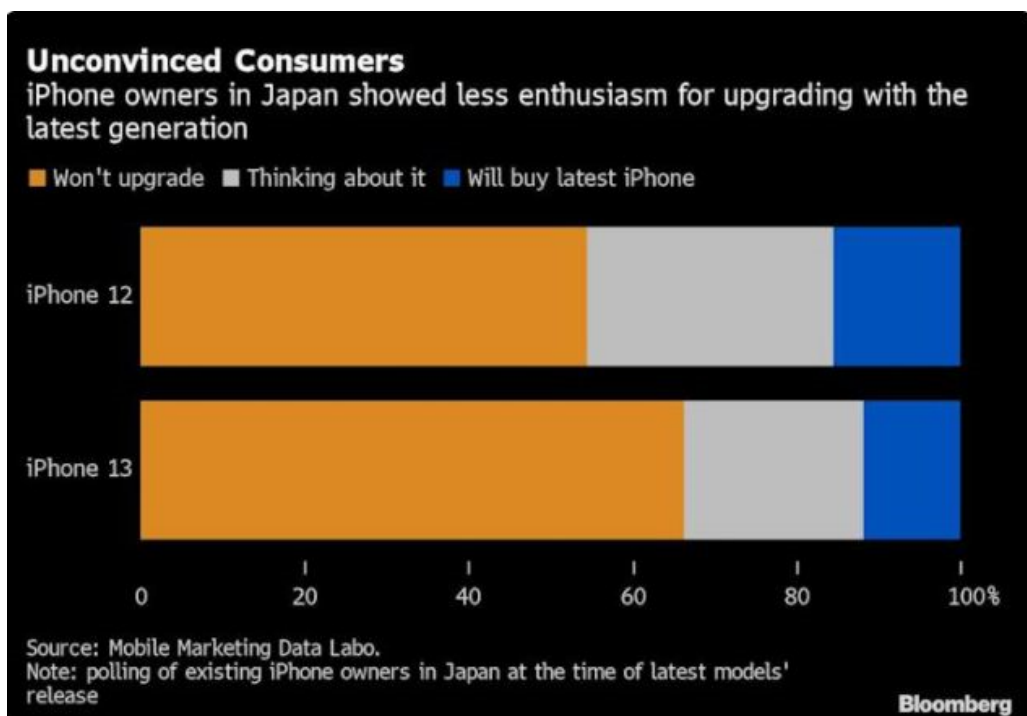
THE UNSTOPPABLE BULL MARKET: carbon allowances do not care about the Fed, new covid variant or the VIX. Their price keeps moving higher The Kraneshares Global Carbon ETF (\$KRBN) is the first US-listed ETF to provide access to the carbon allowances futures market. The fund is benchmarked to the IHS Markit's Global Carbon Index which provides exposure to cap-and-trade carbon allowances via futures.



Source: [www.etf.com](http://www.etf.com)

## #apple

Apple had cut its iPhone 13 production goal for this year by as many as 10 million units, down from a target of 90 million, because of a lack of parts. But the hope was to make up much of that shortfall next year -- when supply is expected to improve. The company is now informing its vendors that those orders may not materialize. The company is still on track for a record holiday season, with analysts projecting a sales increase of 6% to \$117.9 billion in the final three months of the calendar year.



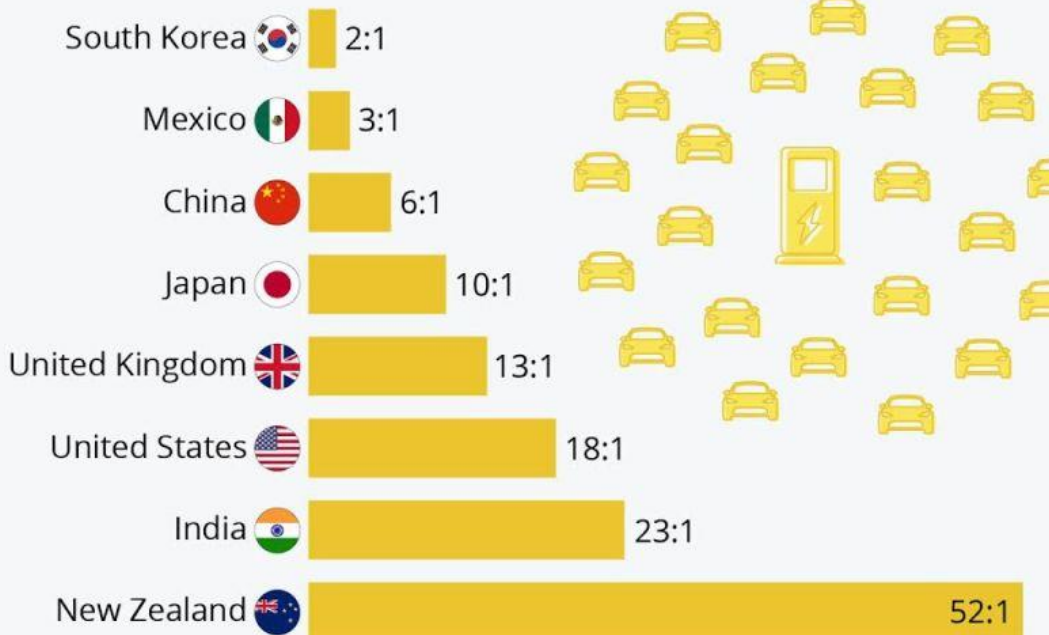
Source: Bloomberg



## #electric-cars

### Electric Cars But No Chargers?

Ratio of electric vehicle stock to public charging points in selected countries in 2020



Source: International Energy Agency



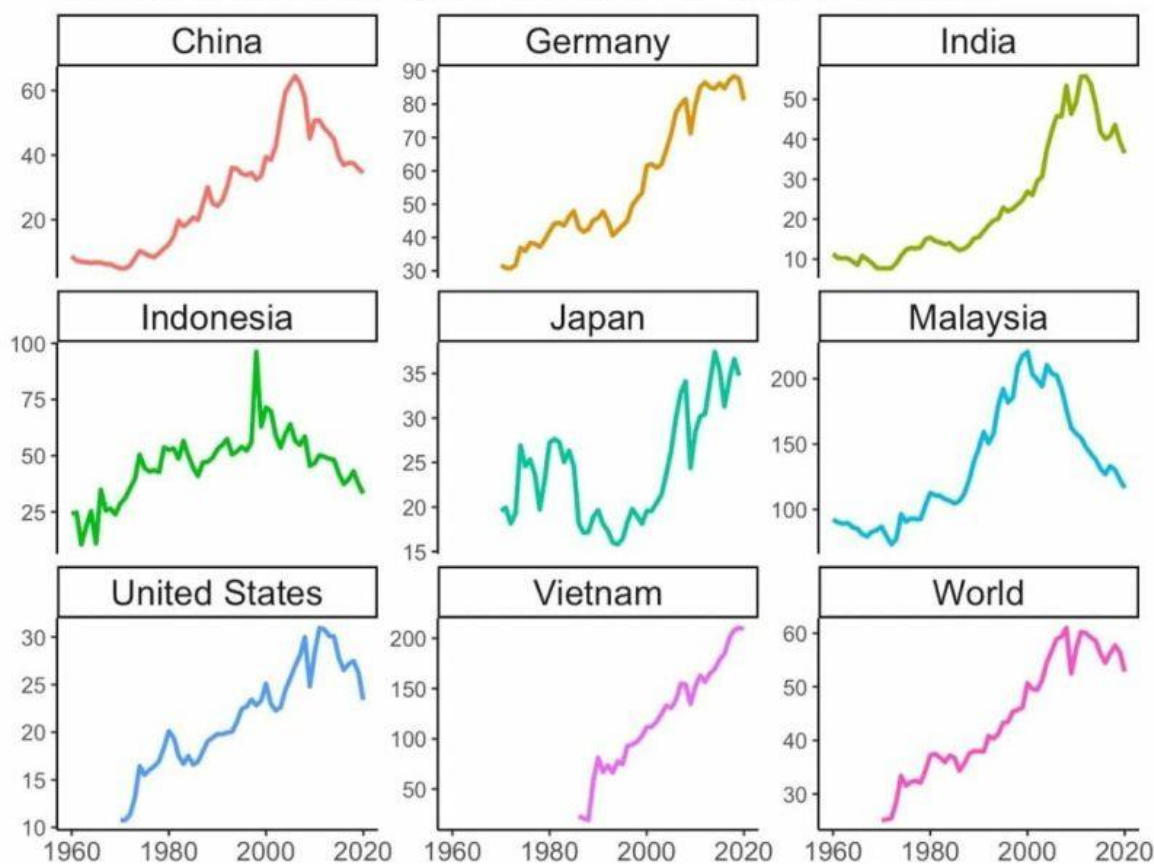
statista

## #global-trade

Barring Vietnam, no other country has shown a sustained growth in trade as a % of GDP.

### Trade as % of GDP

Vietnam an outlier, all others have hit resistance



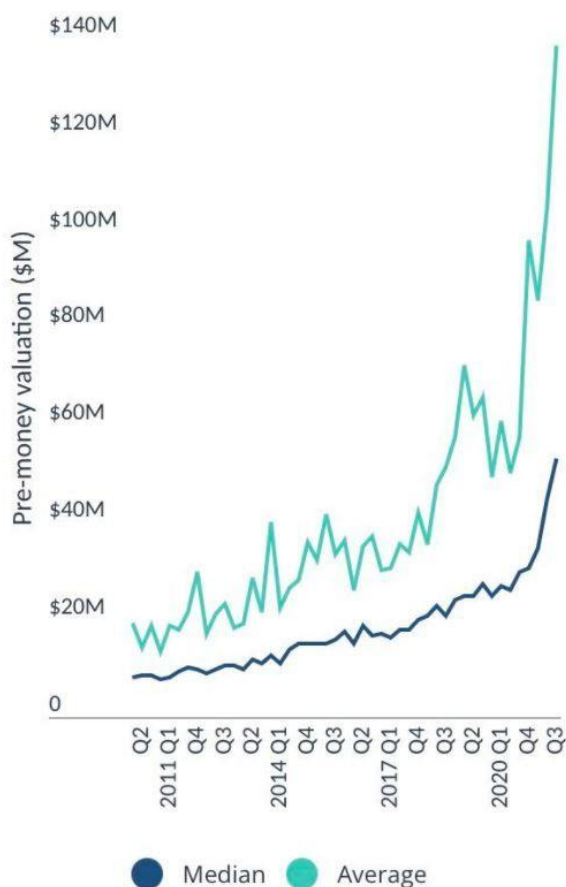
Data: World Bank. Chart: realchinacharts.com

Source: World Bank

## #venture-capital

Early-stage valuations are flying to the moon... too much money chasing too few deals?

### 1. Median early-stage valuation hits new high

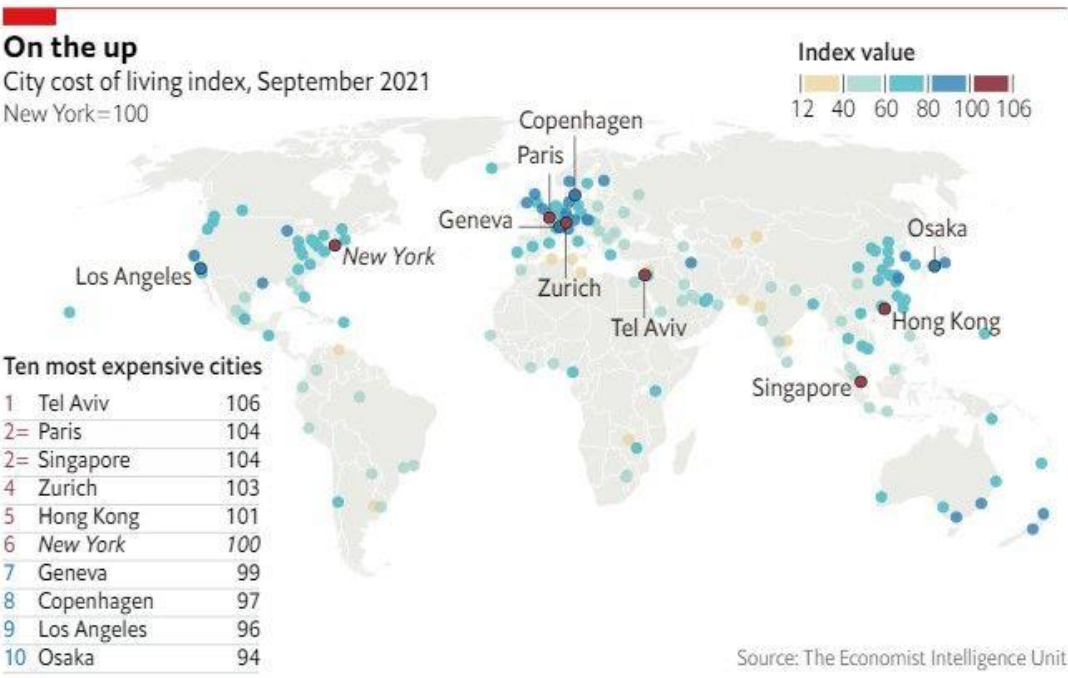


#real-estate

Daily chart

Tel Aviv is the world's most expensive city

Supply-chain disruptions have pushed up living costs around the world



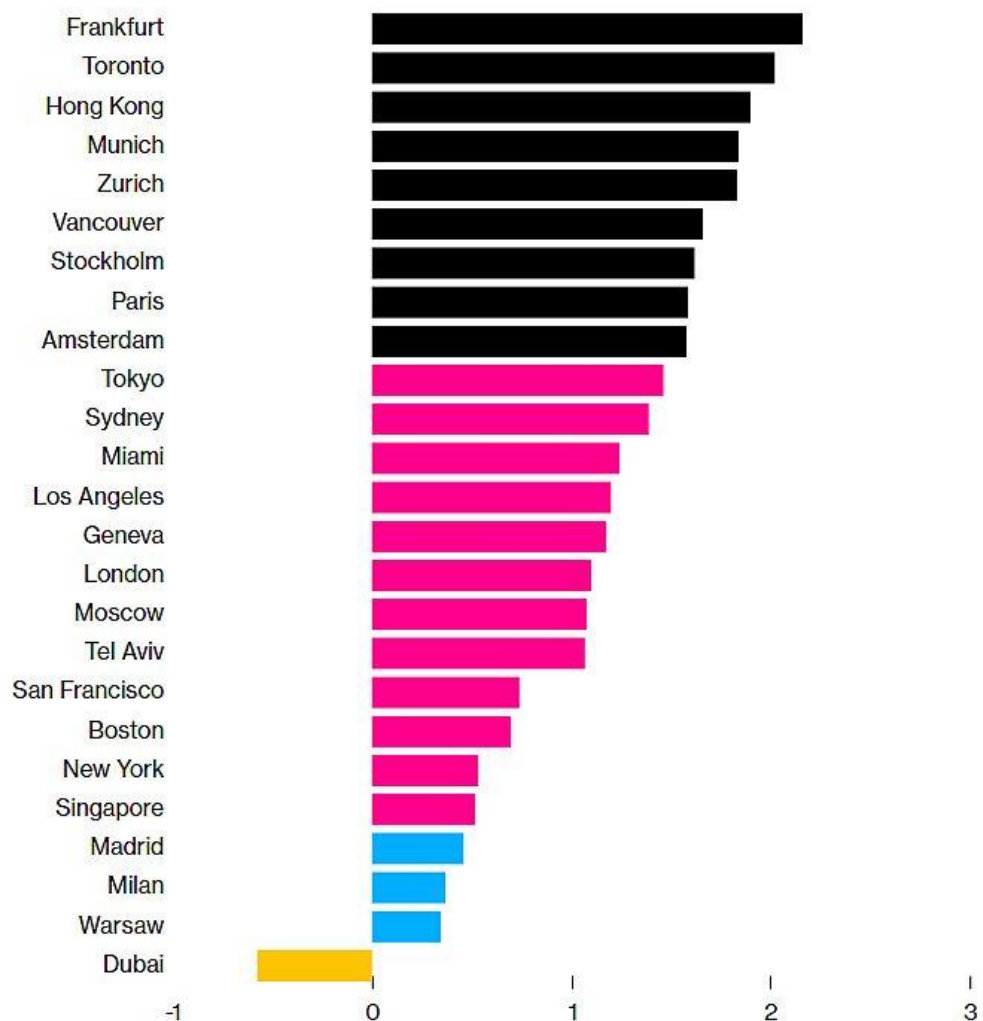
Source: The Economist

## #real-estate

### Property bubbles index

#### Hot Property

Housing bubble risk accelerates across Europe, Canada



Source: Bloomberg

4<sup>th</sup> of December 2021

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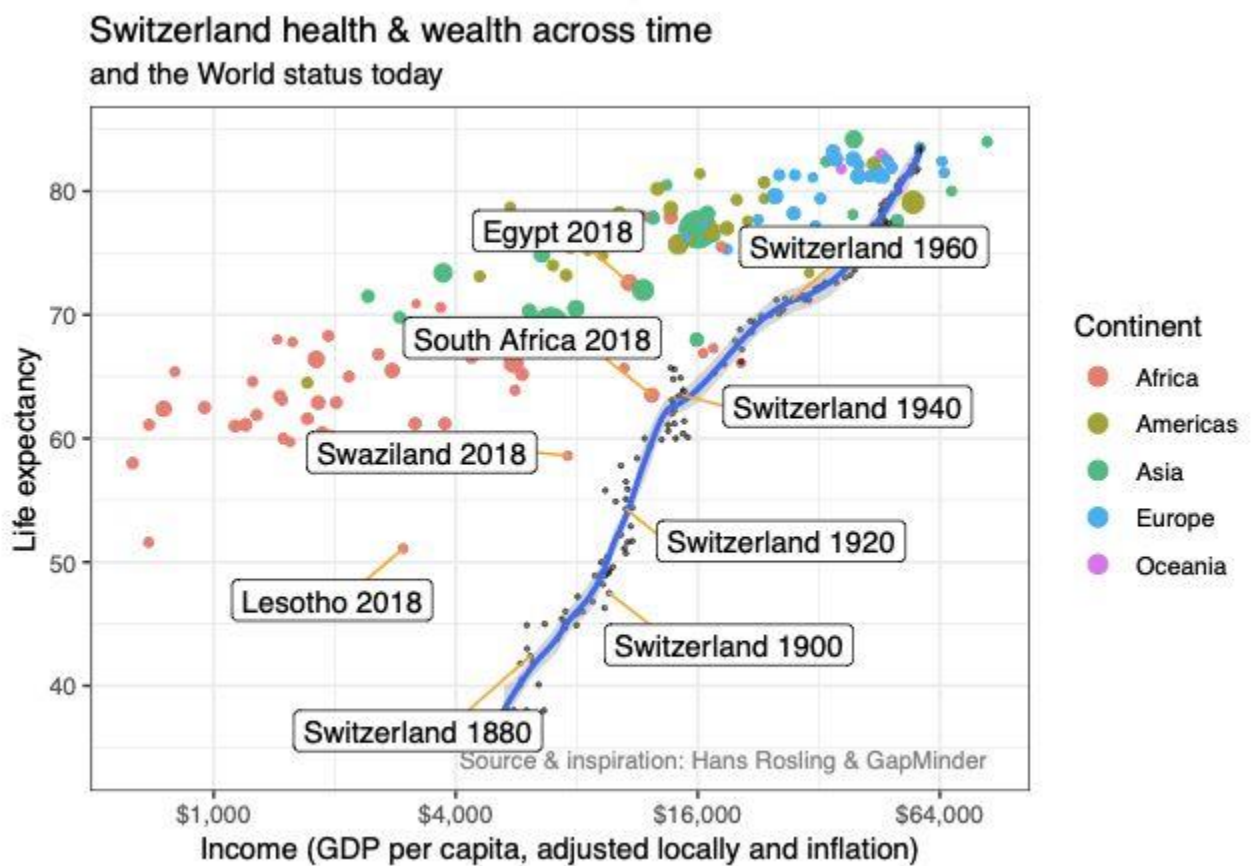
**#uae**

Happy 50th National Day to the UAE





## #switzerland





## #downside-risk



## #downside-risk

Never forget to watch the downside...

Initial loss	Break even
10%	11.1%
20%	25.0%
30%	42.9%
40%	66.7%
50%	100.0%
60%	150.0%

Source: TME

Source: TME

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## #downside-risk



#passwords

# How Safe Is Your Password?

Time it would take a computer to crack a password with the following parameters

	Lowercase letters only	At least one uppercase letter	At least one uppercase letter +number	At least one uppercase letter +number+symbol
1	Instantly	Instantly	-	-
2	Instantly	Instantly	Instantly	-
3	Instantly	Instantly	Instantly	Instantly
4	Instantly	Instantly	Instantly	Instantly
5	Instantly	Instantly	Instantly	Instantly
6	Instantly	Instantly	Instantly	Instantly
7	Instantly	Instantly	1 min	6 min
8	Instantly	22 min	1 hrs	8 hrs
9	2 min	19 hrs	3 days	3 wks
10	1 hrs	1 mths	7 mths	5 yrs
11	1 day	5 yrs	41 yrs	400 yrs
12	3 wks	300 yrs	2,000 yrs	34,000 yrs

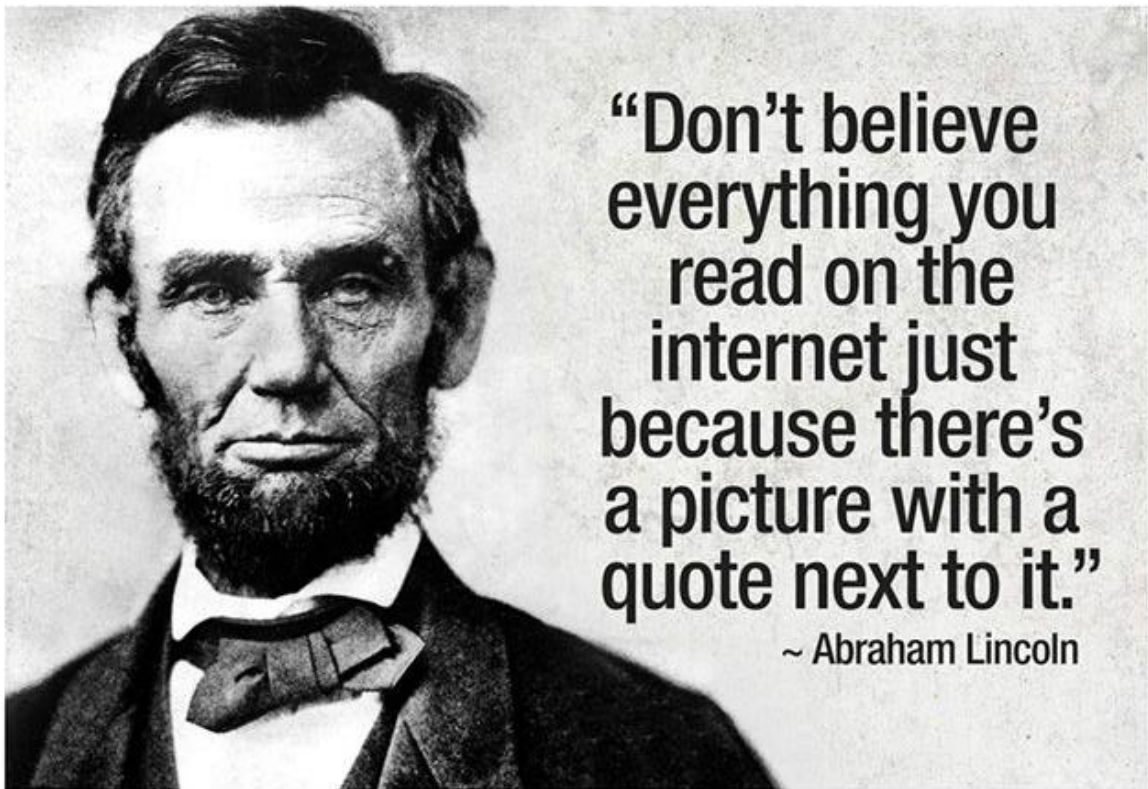
Source: Security.org





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## #food-for-thought



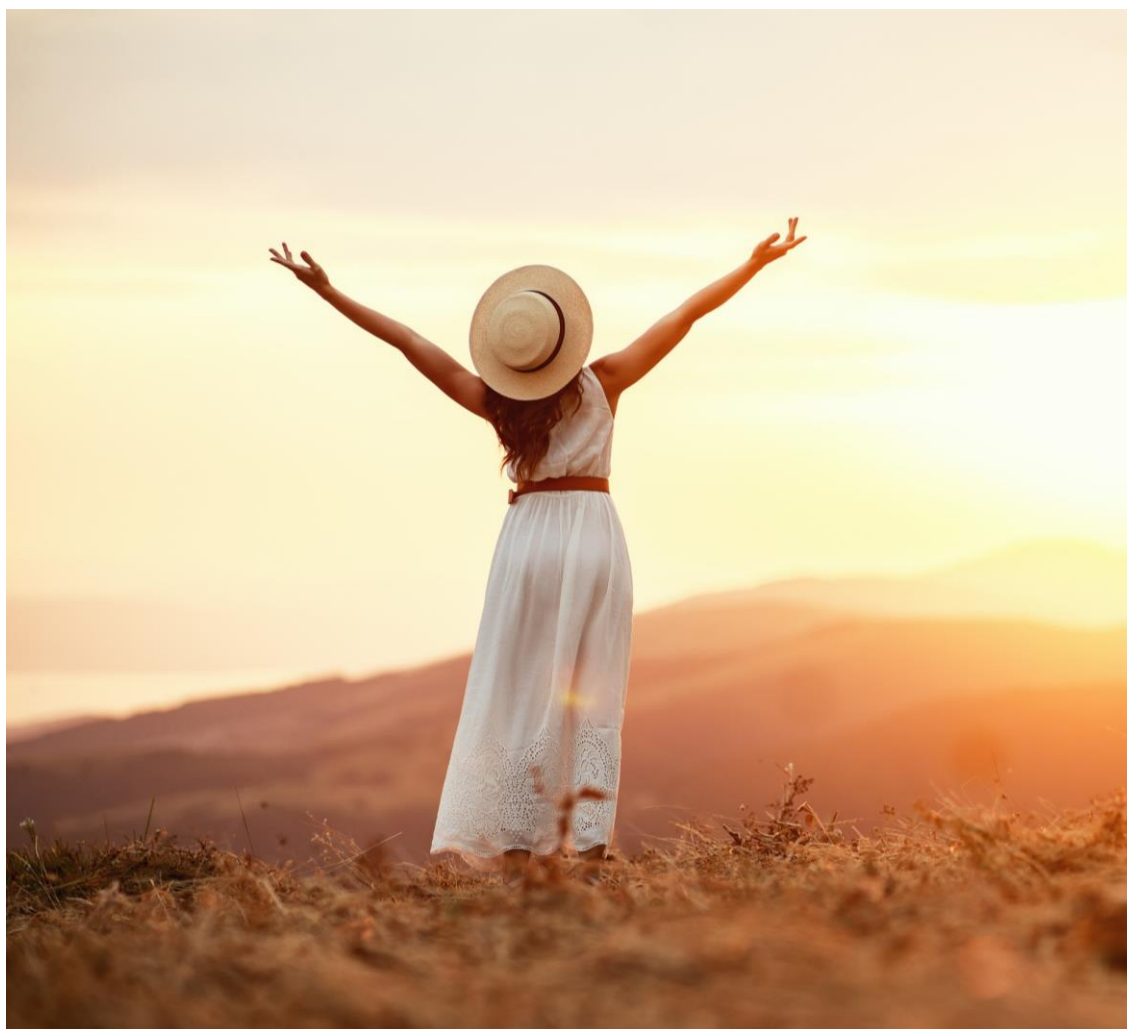
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## #globalmarkets weekly wrap-up

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**For the future...**