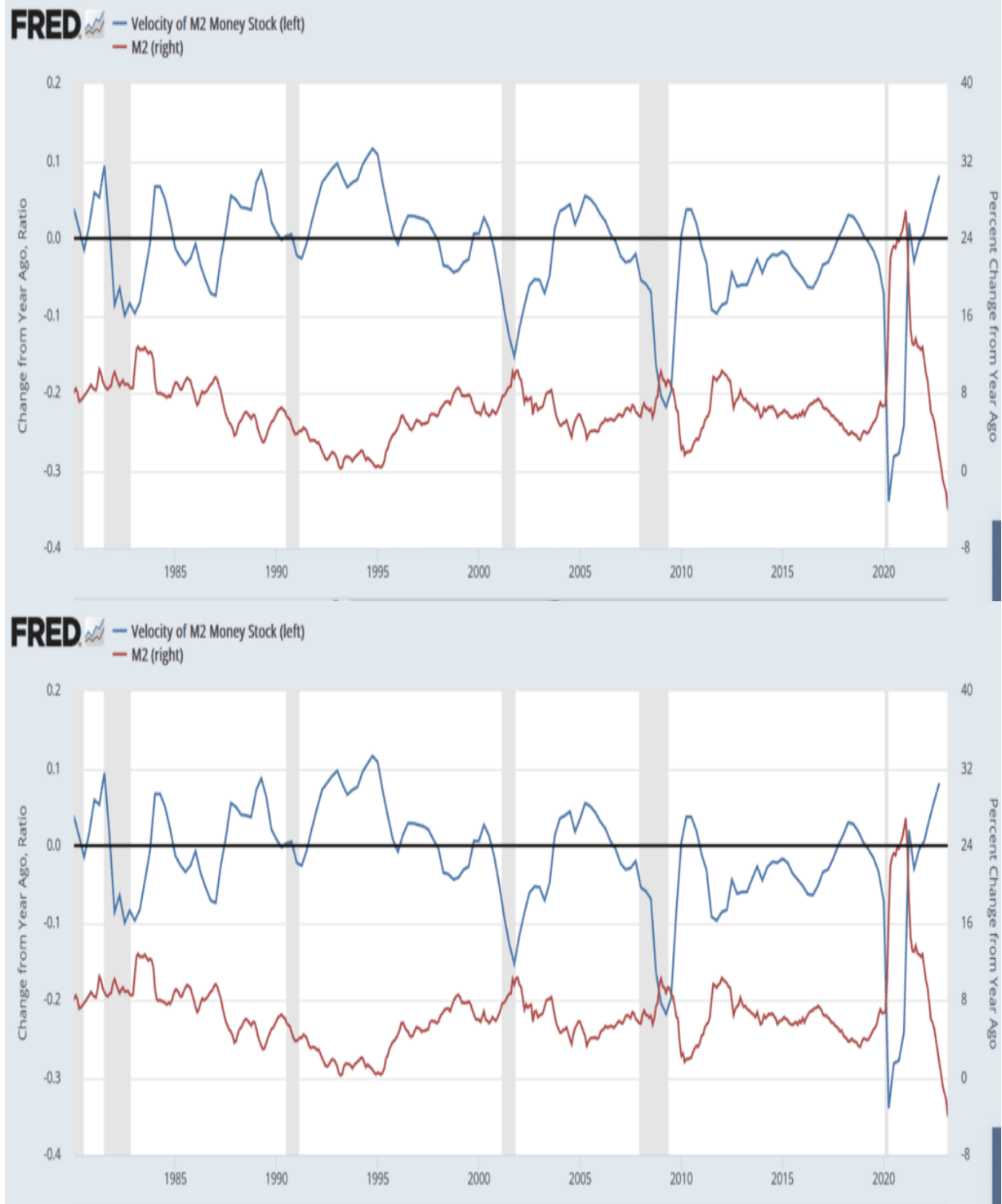


Velocity is the Oft Overlooked Inflation Component


When most economic prognosticators forecast inflation, they often base it on money supply changes. At first blush, such makes a lot of sense. The more money that exists, the less its worth, ergo the more inflation. However, such logic fails to consider how often money circulates. Monetary velocity quantifies the rate at which money is spent. Per the St. Louis Fed: *?In other words, it is the number of times one dollar is spent to buy goods and services per unit of time. If the velocity of money is increasing, then more transactions are occurring between individuals in an economy.?*


The graph below charts the annual percentage change in money supply with the annual change in velocity. The two inflation determinants largely offset each other from 1980 until the pandemic, and as a result, inflation was largely tame. The massive liquidity fiscal and monetary pump in 2020 and 2021 caused the money supply to surge. At the same time, velocity fell sharply as large parts of the economy were shut down. However, if you look closely, velocity recovered while the money supply was still growing. The result was eye-popping inflation. Today, the money supply is shrinking, but velocity remains firm. The Fed's inflation fight will not end until they get velocity to slow. That explains why they are intent on slowing the economy.



What To Watch Today

Earnings

Company			Time	Estimate		<div> Show only confirmed?</div> Growth	Surprise		
✓	XOM	Exxon Mobil Corp.	6:30 AM ET	\$2.65	\$83.11 B	-8.2%	+	=	-
✓	CVX	Chevron Corporation	6:15 AM ET	\$3.36	\$49.53 B	-8.9%	+	=	-
✓	CL	Colgate-Palmolive Co.	6:55 AM ET	\$0.70	\$4.56 B	3.7%	+	=	-
✓	CCJ	Cameco Corp.	6:40 AM ET	\$0.20	\$520.63 M	65.7%	+	=	-
✓	CHTR	Charter Communicati...	7:00 AM ET	\$7.21	\$13.61 B	3.1%	+	=	-
✓	SAIA	Saia Inc.	7:30 AM ET	\$2.68	\$666.79 M	0.8%	+	=	-
✓	JKS	JinkoSolar Holding C...	7:15 AM ET	\$0.37	\$3.23 B	38.7%	+	=	-
✓	ARCB	Arcbest Corp.	6:00 AM ET	\$1.77	\$1.19 B	-10.9%	+	=	-
✓	GTLS	Chart Industries Inc.	6:00 AM ET	\$0.55	\$477.73 M	34.9%	+	=	-
✓	NWL	Newell Brands Inc.	7:00 AM ET	(\$0.04)	\$1.79 B	-25.0%	+	=	-
✓	IMO	Imperial Oil Ltd	BMO	\$1.51	\$9.68 B	-3.3%	+	=	-
✓	AON	AON Plc	6:00 AM ET	\$5.29	\$3.84 B	4.6%	+	=	-
✓	GNTX	Gentex Corp.	8:00 AM ET	\$0.38	\$527.28 M	12.6%	+	=	-
✓	NYCB	New York Community...	7:00 AM ET	\$0.23	\$522.95 M	18.0%	+	=	-
✓	WPC	W. P. Carey Inc.	7:30 AM ET	\$1.27	\$419.82 M	20.5%	+	=	-
✓	LYB	LyondellBasell Indust...	6:30 AM ET	\$1.80	\$10.80 B	-17.9%	+	=	-
✓	DAN	Dana Incorporated	7:00 AM ET	\$0.14	\$2.56 B	3.2%	+	=	-
✓	FHB	First Hawaiian, Inc	8:00 AM ET	\$0.53	\$219.64 M	23.4%	+	=	-
✓	BCPC	Balchem Corp.	7:00 AM ET	\$0.78	\$231.83 M	1.3%	+	=	-
✓	FMX	Fomento Economico ...	9:25 AM ET	\$4.61	\$9.42 B	30.8%	+	=	-
✓	AVTR	Avantor, Inc.	6:05 AM ET	\$0.28	\$1.77 B	-9.2%	+	=	-
✓	BLMN	Bloomin' Brands Inc	7:00 AM ET	\$0.89	\$1.21 B	6.1%	+	=	-
✓	DCOM	Dime Community Ba...	6:00 AM ET	\$0.82	\$94.70 M	-6.4%	+	=	-
✓	CRI	Carter's, Inc.	6:00 AM ET	\$0.52	\$646.70 M	-17.2%	+	=	-
✓	STEL	Stellar Bancorp, Inc.	7:00 AM ET	\$0.68	\$120.80 M	-	+	=	-
	BSAC	Banco Santander-Chi...	BMO	\$0.28	\$649.27 M	-41.8%	+	=	-
✓	TRP	TC Energy Corporation	6:30 AM ET	\$0.89	\$2.70 B	-2.3%	+	=	-

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Economy

Time	Event	Impact	Actual	Dev ⁱ	Consensus	Previous
FRIDAY, APRIL 28						
12:30	USD Core Personal Consumption Expenditures - Price Index (MoM)(Mar)	<div><div></div></div>	-	-	0.3%	0.3%
12:30	USD Core Personal Consumption Expenditures - Price Index (YoY)(Mar)	<div><div></div></div>	-	-	4.5%	4.6%
12:30	USD Employment Cost Index(Q1)	<div><div></div></div>	-	-	1.1%	1%
12:30	USD Personal Consumption Expenditures - Price Index (MoM)(Mar)	<div><div></div></div>	-	-	0.3%	0.3%
12:30	USD Personal Consumption Expenditures - Price Index (YoY)(Mar)	<div><div></div></div>	-	-	4.6%	5%
12:30	USD Personal Income (MoM)(Mar)	<div><div></div></div>	-	-	0.2%	0.3%
12:30	USD Personal Spending(Mar)	<div><div></div></div>	-	-	-0.1%	0.2%
13:45	USD Chicago Purchasing Managers' Index(Apr)	<div><div></div></div>	-	-	43.5	43.8
14:00	USD Michigan Consumer Sentiment Index(Apr)	<div><div></div></div>	-	-	63.5	63.5
14:00	USD UoM 5-year Consumer Inflation Expectation(Apr)	<div><div></div></div>	-	-	-	2.9%
17:00	USD Baker Hughes US Oil Rig Count	<div><div></div></div>	-	-	-	591
19:30	USD CFTC Gold NC Net Positions	<div><div></div></div>	-	-	-	\$189.9K
19:30	USD CFTC Oil NC Net Positions	<div><div></div></div>	-	-	-	244.6K
19:30	USD CFTC S&P 500 NC Net Positions	<div><div></div></div>	-	-	-	-\$344.3K
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Market Trading Update

The big rally yesterday on continued earnings beats from the FANG stocks. After yesterday's bell, Amazon (AMZN) crushed earnings with a huge beat in its cloud services. With the stock up over

8% after hours yesterday, that ?not as terrible? as expected earnings are pushing buyers back into the market.

The market was selling off with our sell signal and is still confined to the recent consolidation range. However, yesterday?s rally reversed the market back to overbought conditions. The recent highs will provide initial resistance, but the good news is the downtrend line from April was defended successfully, reinforcing that support level from the recent breakout. The market remains bullishly biased, so we will continue using pullbacks to add exposure accordingly.



TradingView





The OPEC Gap Closes

On April 4, 2023, our [Daily Commentary](#) noted the following:

On average, the price of oil drops for one, three, and six months after OPEC production cuts.

Once again, the price of crude oil fell following an OPEC supply reduction. The price of crude oil was \$75 before OPEC cut production by 1.15 million barrels per day. After sitting above \$80 for a couple of weeks, the price has been declining. The close below \$74 closes the gap. While we think the production cut was likely a political response to President Biden not refilling the strategic reserves, we wonder if OPEC may have also cut production as they fear a recession.



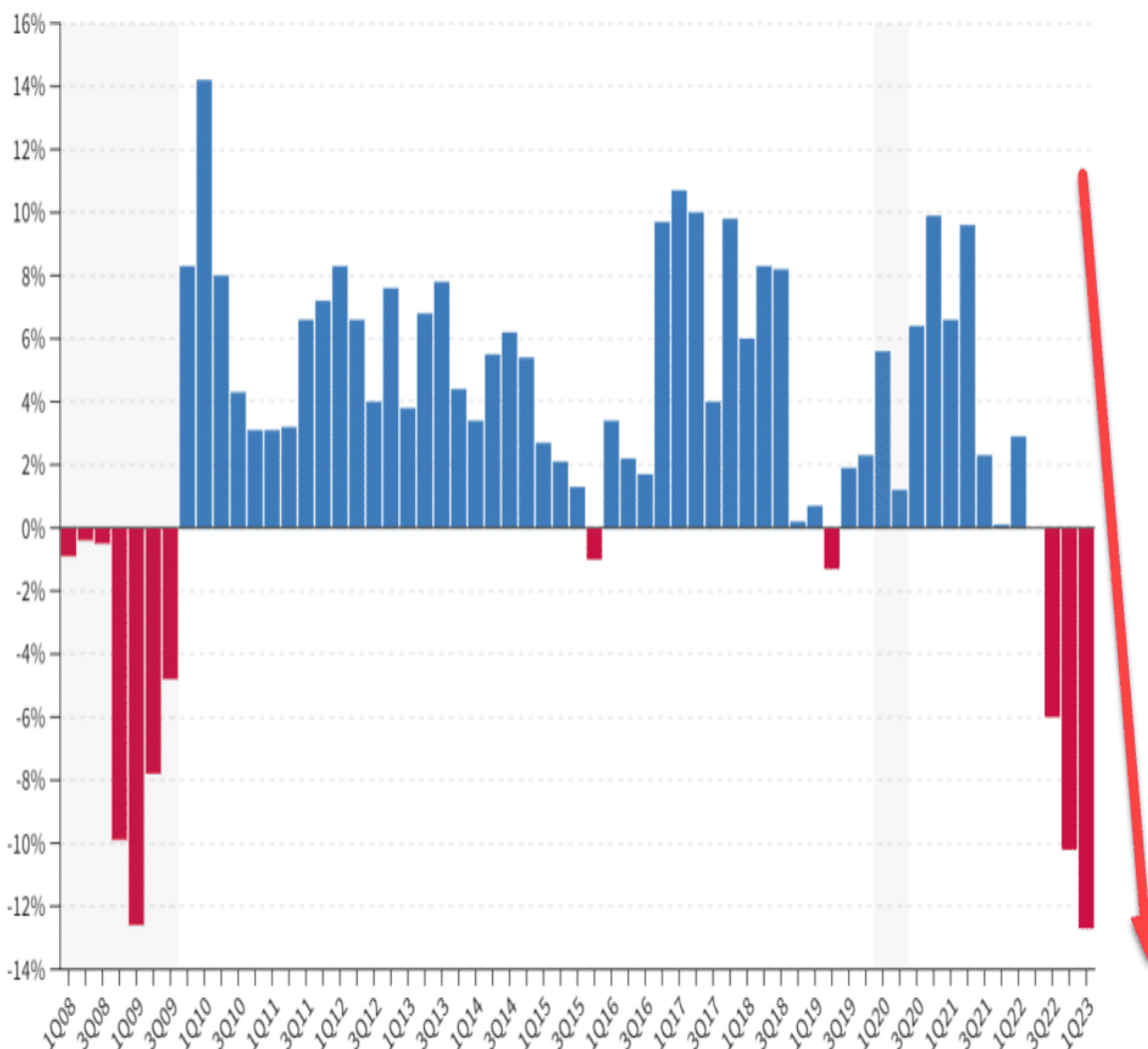
More on the Freight Recession

Yesterday we shared comments from JB Hunt's President labeling the current state of shipping as a 'freight recession'. UPS further confirmed trouble in the shipping industry with its earnings letdown. Shipping and freight are leading economic indicators. Therefore, signs of stress in the

industry are worth following. Along the same lines, we came across the graph below from the Packaging Corporation of America, a leading producer of corrugated boxes. Given most freight is shipped in boxes, the chart is another sign that the freight industry is having problems.

Crisis. (Its shipments were down a virtually identical percentage in the first quarter of 2009.) Furthermore, Packaging Corp.'s demand trends weakened as Q1 progressed, reflecting increasingly weaker consumer spending.

Packaging Corp.'s actual box shipments, 2008-present



Source: Packaging Corp. of America
Note: Shaded areas indicate recession

FREIGHTWAVES
RESEARCH

✿ A Flourish chart

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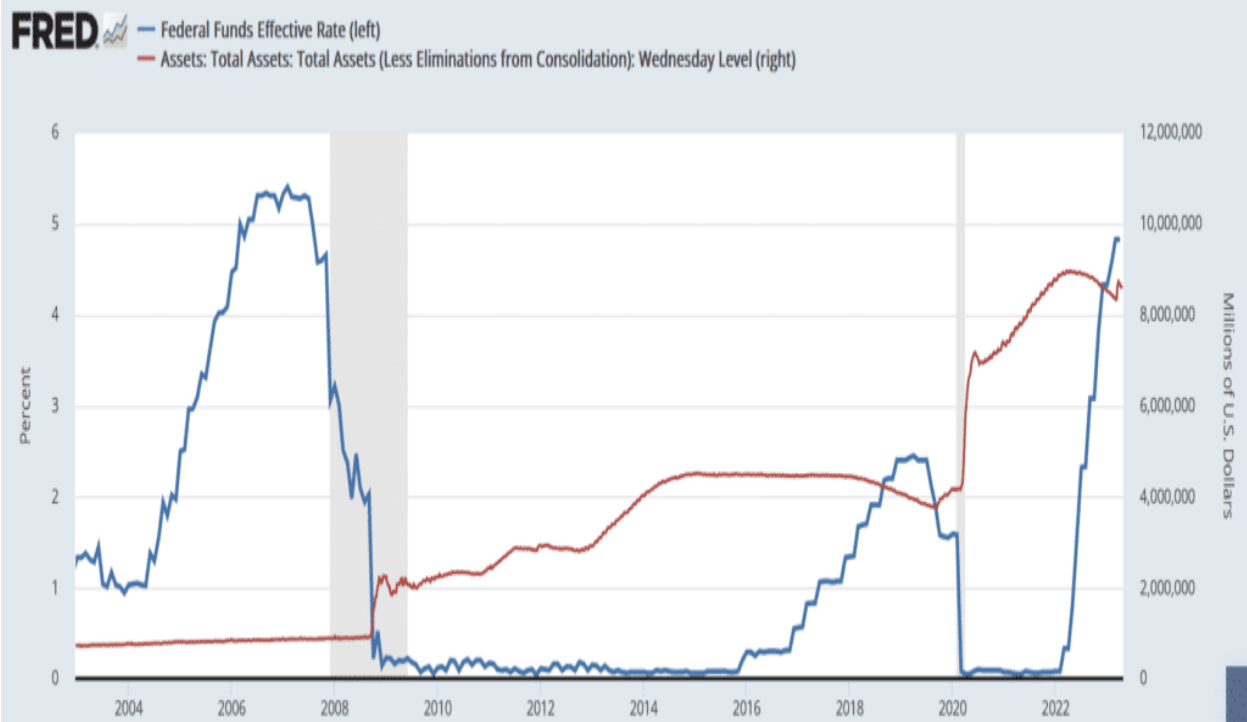
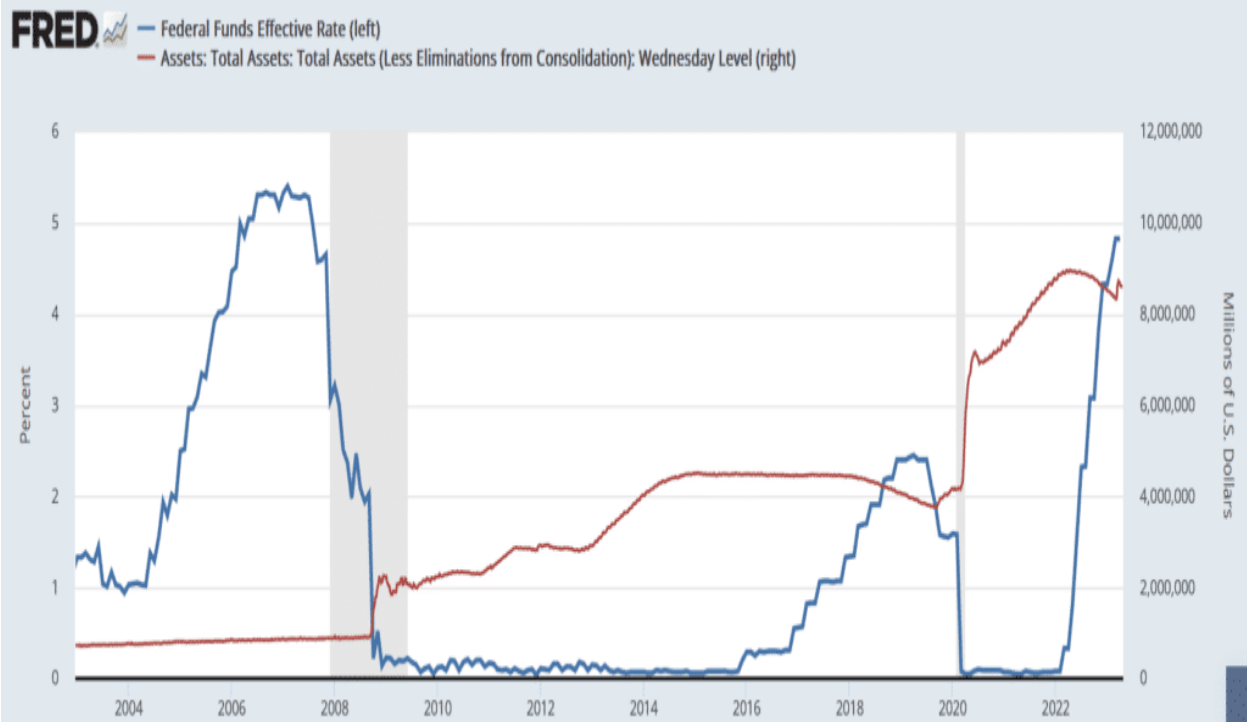
The Cost of Monetary Policy Tomfoolery

We share the following quote from Ronnie Stoeferle:

?Thirteen years is an awfully long time for the Fed to have suspended free market interest rates in the world's largest economy. Not to mention pinning rates at absolute zero for nine of those 13 years. Billions of economic decisions were made by millions of market participants with the faulty information of suppressed interest rates (and a debased currency) under the illusion of efficient capital allocation. What percentage of these economic decisions will stand up as rates normalize? How many were rational??

The quote does a great job of explaining the pickle the Fed is in. Their actions from 2008 to 2021 resulted in a massive misallocation of capital toward unproductive ventures. Over the next few years, the Fed will have to get rates back down or risk widespread bankruptcy among firms that were able to borrow at rates that were not appropriate.

The graph below shows Fed Funds spent most of the last fifteen years pinned near zero. At the same time, the Fed grew its balance sheet, via QE, by 10x.



Tweet of the Day



Ayesha Tariq, CFA ✓

@AyeshaTariq

McDonald's says they expect a recession this year.
Chipotle says they don't expect a recession this year.

Who are you likely to believe?

[\\$MCD](#) [\\$CMG](#)

12:01 PM · Apr 26, 2023 · **75.1K** Views



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@AyeshaTariq

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