



## Orlando's Outlook: Recession Watch for 2023

Presented by

Philip J. Orlando, CFA

Senior Vice President Chief Equity Strategist

August 2023

Federated Advisory Services Company

Investing involves risk including possible loss of principal. Information is current as of the date of this material.

Any opinions expressed herein are from a third party and are given in good faith, are subject to change without notice, and are considered correct as of the stated date of their issue.

Merrill Lynch, Pierce, Fenner & Smith Incorporated is not a tax or legal advisor. Clients should consult a personal tax or legal advisor prior to making any tax or legal related investment decisions.

Bank of America Corporation ("Bank of America") is a financial holding company that, through its subsidiaries and affiliated companies, provides banking and investment products and other financial services.

Merrill Lynch, Pierce, Fenner & Smith Incorporated (also referred to as "MLPF&S" or "Merrill") makes available certain investment products sponsored, managed, distributed or provided by companies that are affiliates of Bank of America Corporation ("BofA Corp."). MLPF&S is a registered broker-dealer, registered investment adviser, Member SIPC and a wholly owned subsidiary of BofA Corp. Merrill Lynch Life Agency Inc. ("MLLA") is a licensed insurance agency and a wholly owned subsidiary of BofA Corp.

This material does not take into account a client's particular investment objectives, financial situations, or needs and is not intended as a recommendation, offer or solicitation for the purchase or sale of any security or investment strategy. Merrill offers a broad range of brokerage, investment advisory (including financial planning) and other services. There are important differences between brokerage and investment advisory services, including the type of advice and assistance provided, the fees charged, and the rights and obligations of the parties. It is important to understand the differences, particularly when determining which service or services to select. **For more information about these services and their differences, speak with your Merrill financial advisor.** 

Nothing discussed or suggested in these materials should be construed as permission to supersede or circumvent any Bank of America, Merrill Lynch, Pierce, Fenner & Smith Incorporated policies, procedures, rules, and guidelines.

Investment products offered through MLPF&S and insurance and annuity products offered through Merrill Lynch Life Agency Inc.:

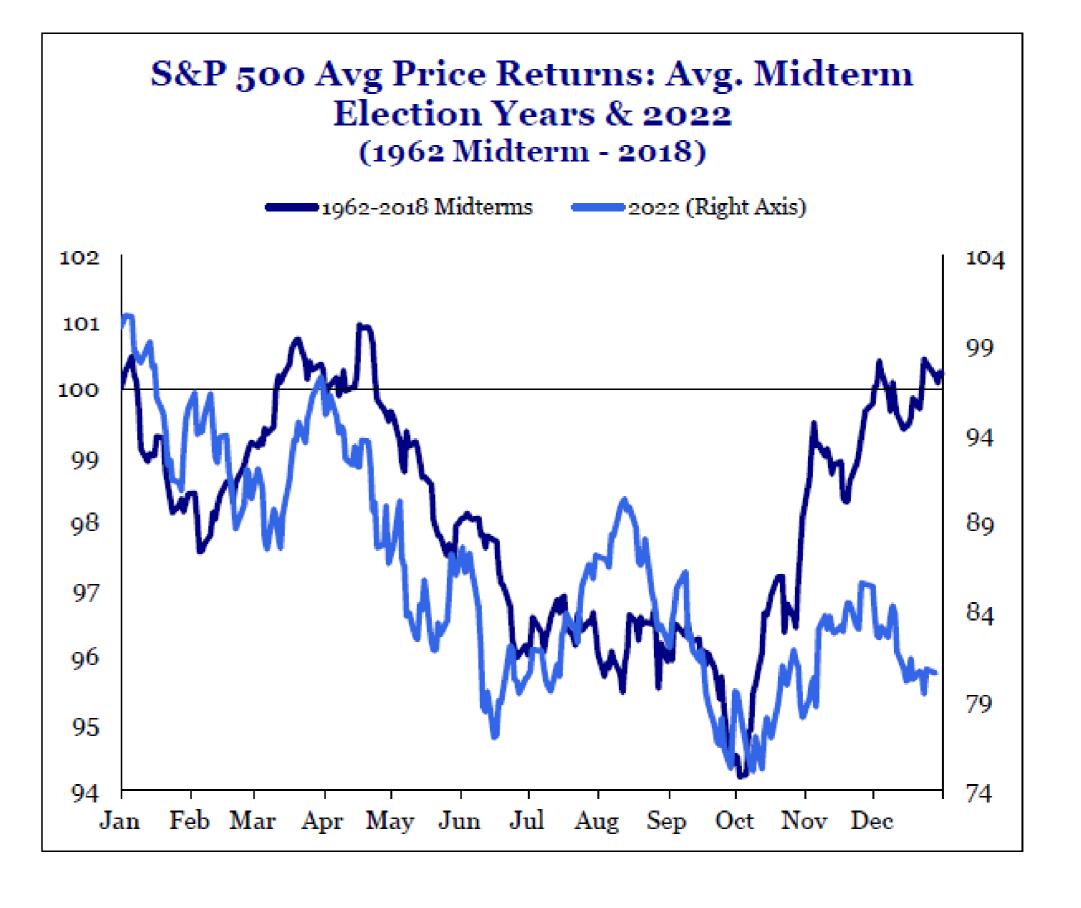
Are Not FDIC Insured	May Lose Value	Are Not Bank Guaranteed		
Are Not Insured by Any Federal Government Agency	Are Not Deposits	Are Not a Condition to Any Banking Service or Activity		

### Domino effect could topple economy into recession



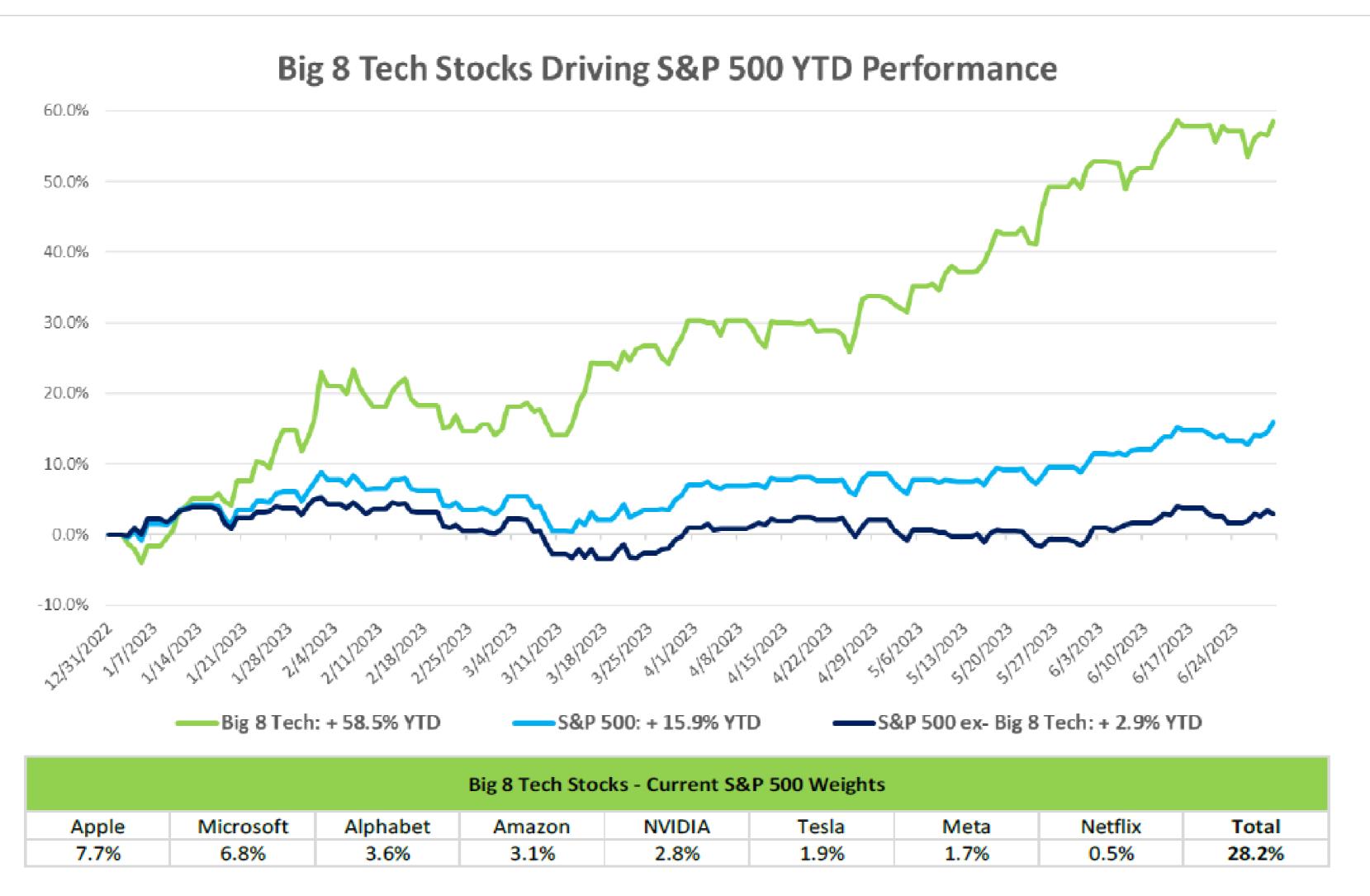
### 2022 was a predictably volatile year

S&P 500 Returns In The Presidential Cycle Data: 12/31/44 -									
	12/31/2	021							
Average S&P 500 Price Return Since 1945									
<b>Year Of Presidential Cycle</b>	Year Of Presidential Cycle Q1 Q2 Q3 Q4 Year								
Year 1	0.2%	2.8%	1.2%	4.2%	9.2%				
Year 2	1.1%	-1.8%	-0.6%	6.4%	5.0%				
Year 3	7.0%	4.6%	0.6%	3.4%	15.9%				
Year 4	0.1%	3.3%	0.9%	2.3%	6.9%				
All Years	2.0%	2.2%	0.5%	4.0%	9.2%				



### Equity market returns driven by Big Tech

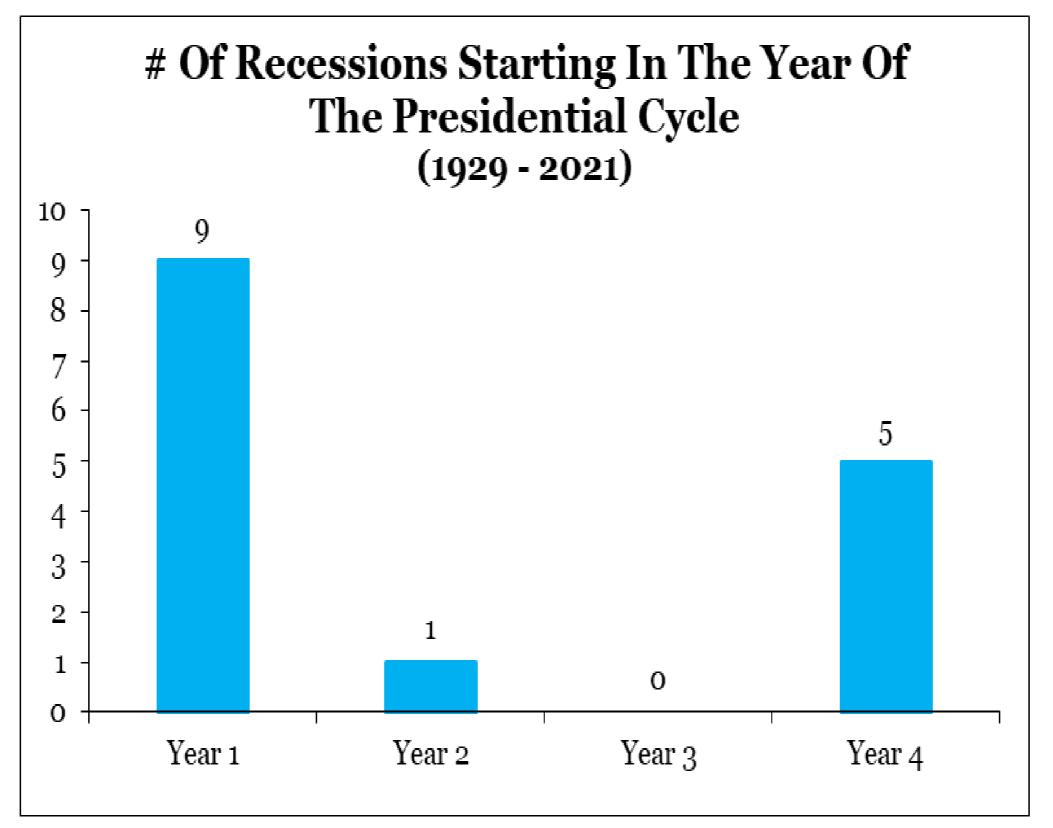
Significant divergence between big tech and the rest of the market



### Debt-Ceiling Drama – we dodged a bullet

- Treasury hits \$31.4 trillion debt ceiling in January 2023
- Treasury Secretary Yellen has estimated an "X-date" of June 5
- President Biden and Senate Majority Leader Schumer want a clean lifting of the debt ceiling with no concessions.
- House Speaker McCarthy notes that unnecessary fiscal policy stimulus of \$5 trillion over the previous two years has resulted in the worst inflation in 40 years at 9.1% and an unsustainable total debt-to-GDP ratio of 123%.
- House passes the "Limit, Save & Grow Act" in April to lift the debt ceiling by \$1.5 trillion through March 2024 and reduce the federal debt by \$4.8 trillion. Several key components:
  - Claw back an estimated \$200 billion in unused and unspent COVID relief funds
  - Return nondefense discretionary spending to fiscal 2022 levels and implement 10-year spending caps with 1% annual growth
  - Repeal Biden's signature 2022 Inflation Reduction Act (IRA), which spent \$1.4 trillion on climate and healthcare programs, added 80,000 new IRS agents, and increased corporate tax rates
  - Impose modest work requirements on some government benefit programs, such as food stamps, for able-bodied, childless adults
  - Prohibit student-debt cancellation
  - Tighten border security and expand traditional energy production

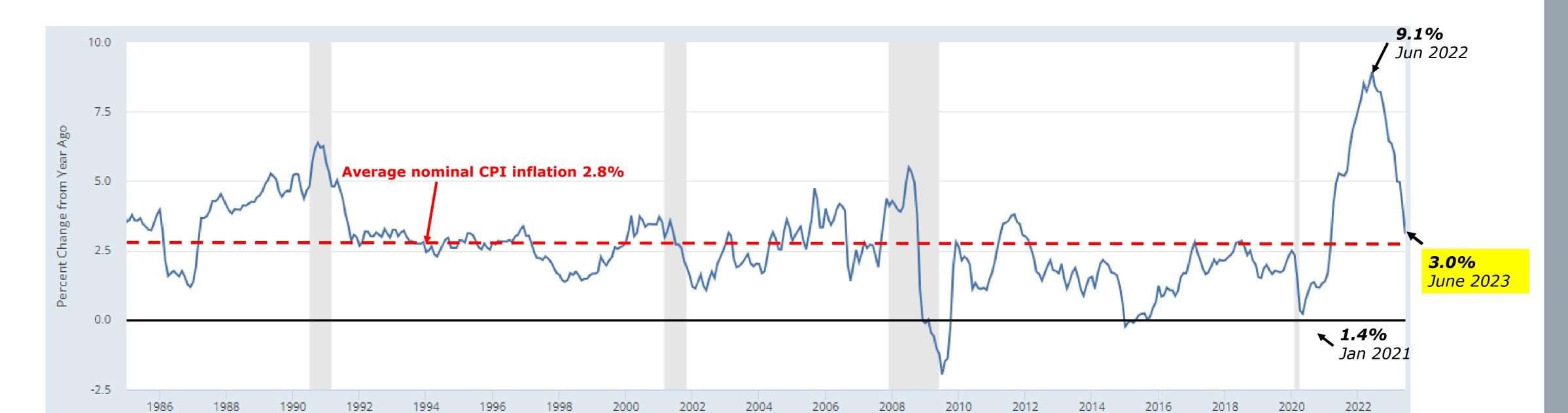
### Political cycles are important for the economy and stocks



\*Financial Crisis/Great Recession considered Jan 2008 (Year 4) start.

# Nominal CPI rose from 1.4% y/y in January 2021 to a 41-year high of 9.1% in June 2022

### Consumer Price Index (percent change at annual rate, monthly)



# Sharp divergence between declines in Headline and Core inflation (y/y)

Federal Reserve likely to remain hawkish and patient on interest rates

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

#### Personal Consumption Expenditure Index (PCE)

	Headline Core Hea		eadline C		Core*		
Peak	9.1% (June	(22) 6.6%	(Sept. '22)	7.0%	(June '22)	5.4%	(Feb. '22)
Current	3.0% (June	23) 4.8%	(June '23)	3.8%	(May '23)	4.6%	(May '23)
Change	(6.1%)	(1.8%)		(3.2%)		(0.8%)	
Time	12 Months	9 Months		11 Months		15 Months	
Change/ Month	(0.51%)	(0.20%)		(0.29%)		(0.05%)	

Headline/Core Change/Month Ratio

2.6:1

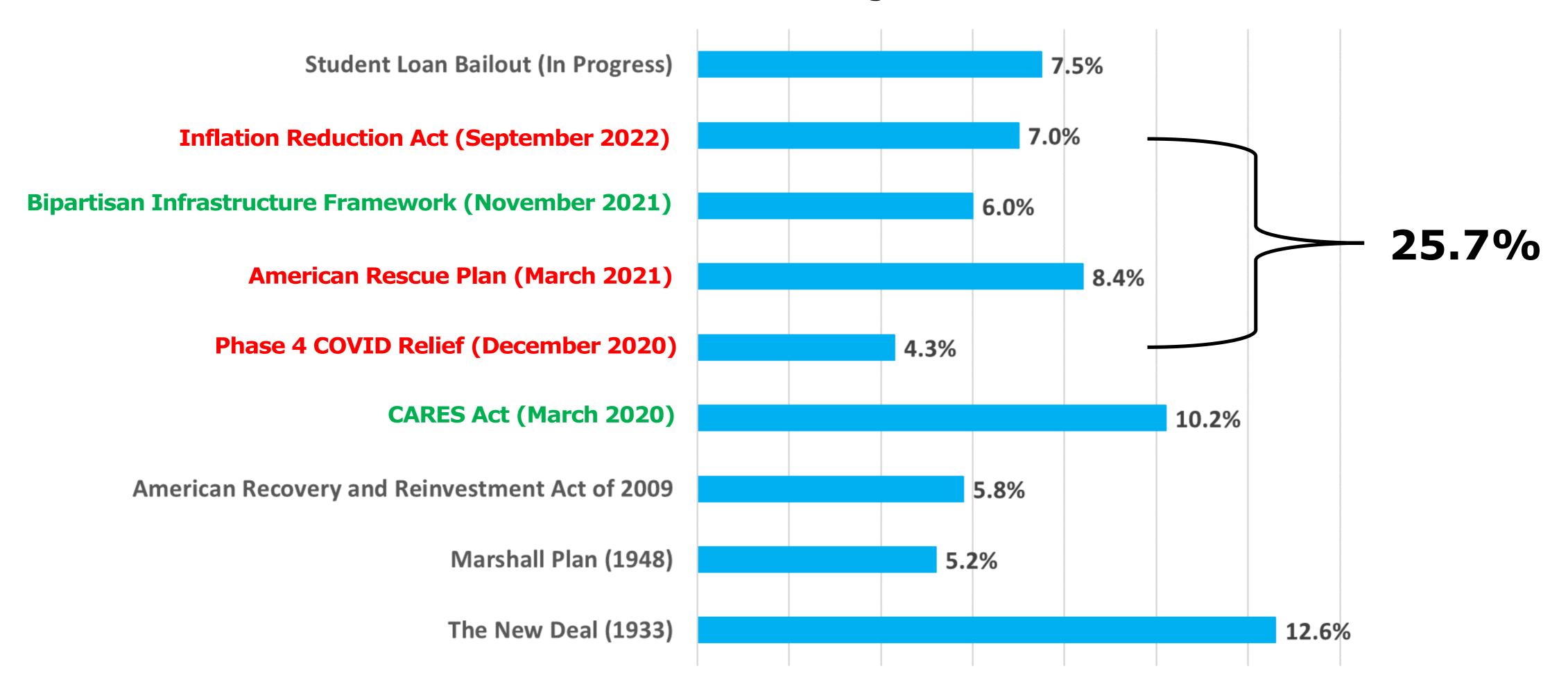
5.8:1

Source: Bloomberg and Federated Hermes as of July 20, 2023.

<sup>\*</sup>Federal Reserve's preferred measure of inflation. In its June 2023 Summary of Economic Projections, the Fed estimates that core PCE will approximate 2.2% by year-end 2025, for an average monthly decline of (0.08%).

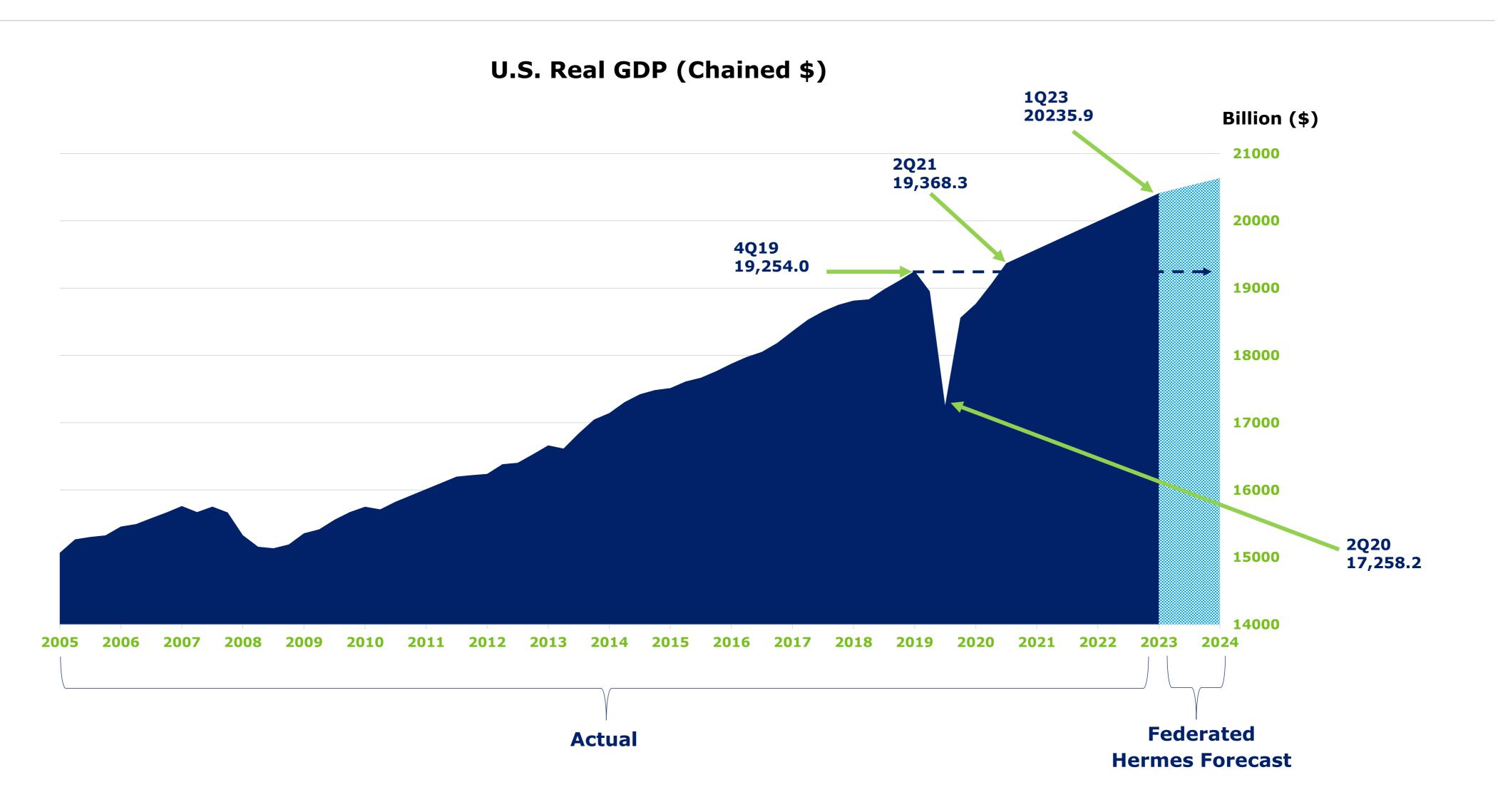
### Historic Fiscal Policy

#### Select Stimulus as a Percentage of US GDP



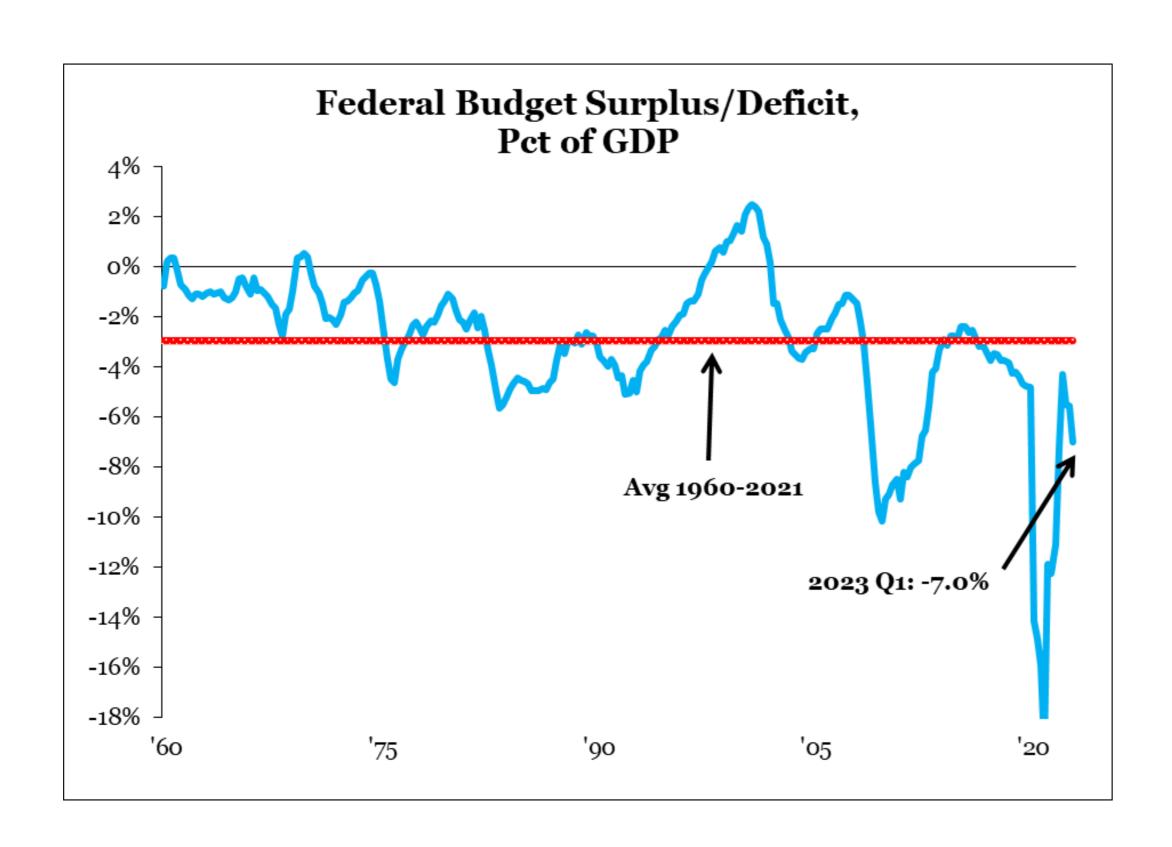
### The recovery is complete: GDP output gap fully closed in 2Q21

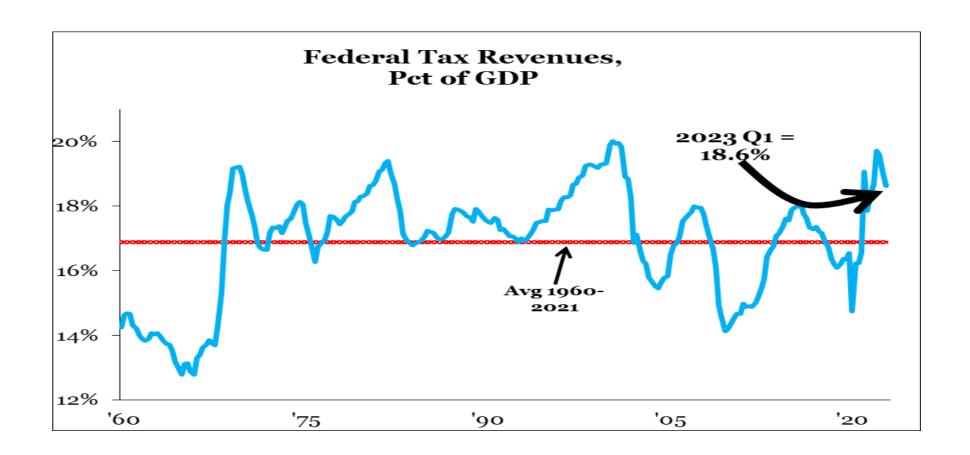
The V-shaped recovery has transitioned to a new economic expansion

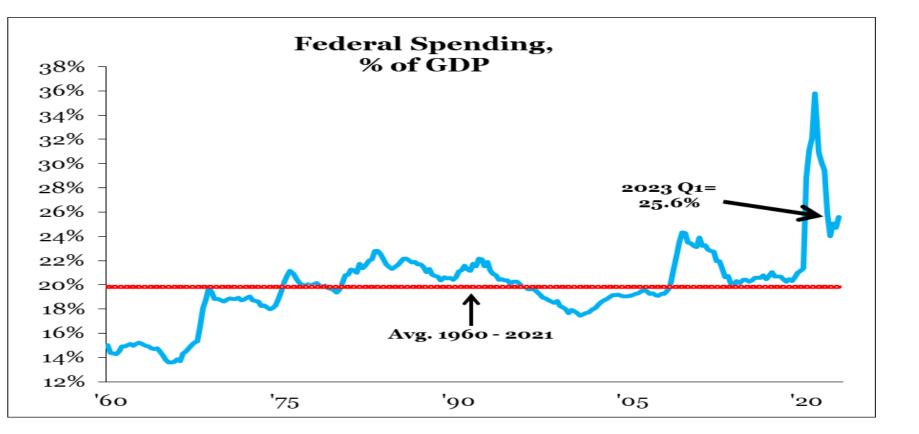


## We have a spending problem, not a tax problem

Fiscal deficit driven by excessive spending, not a lack of tax revenues



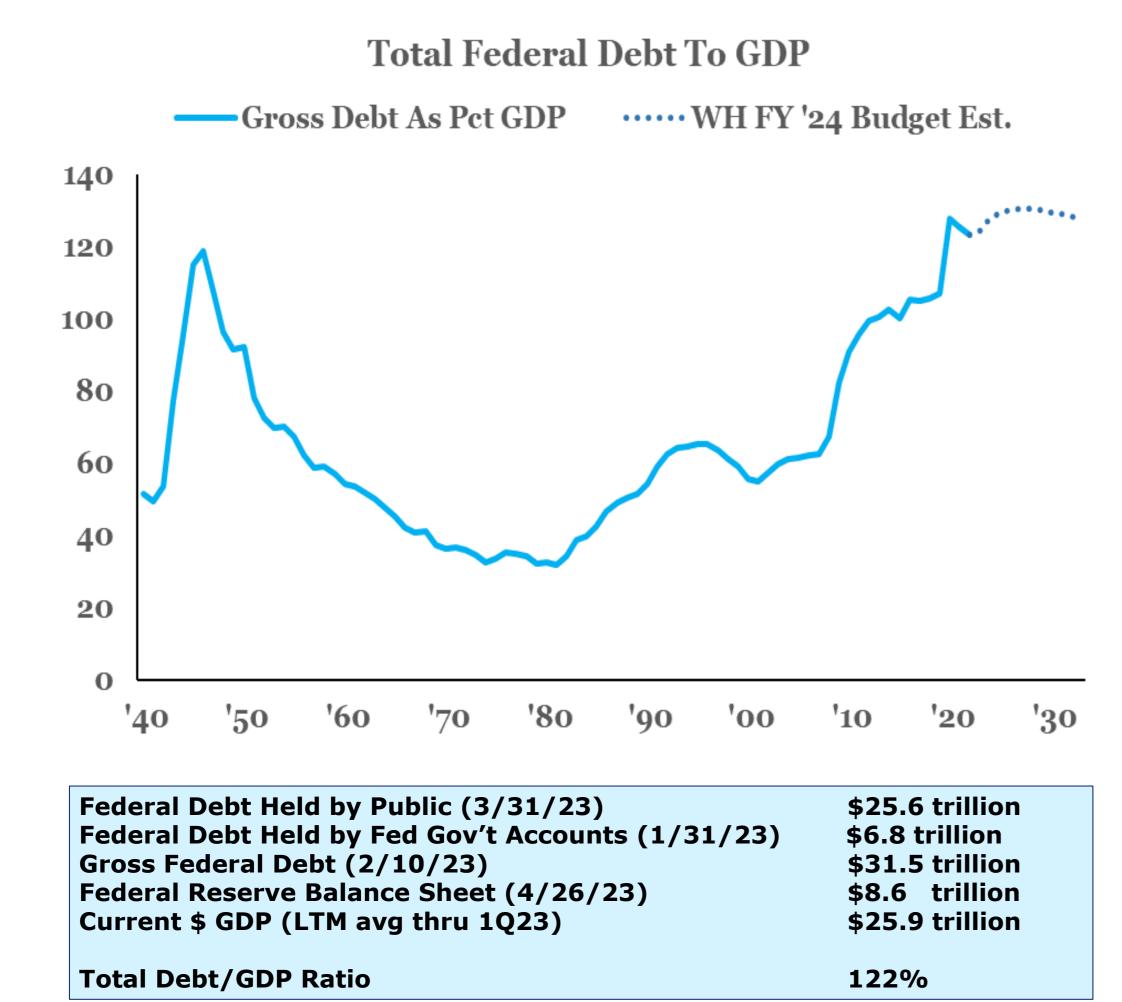




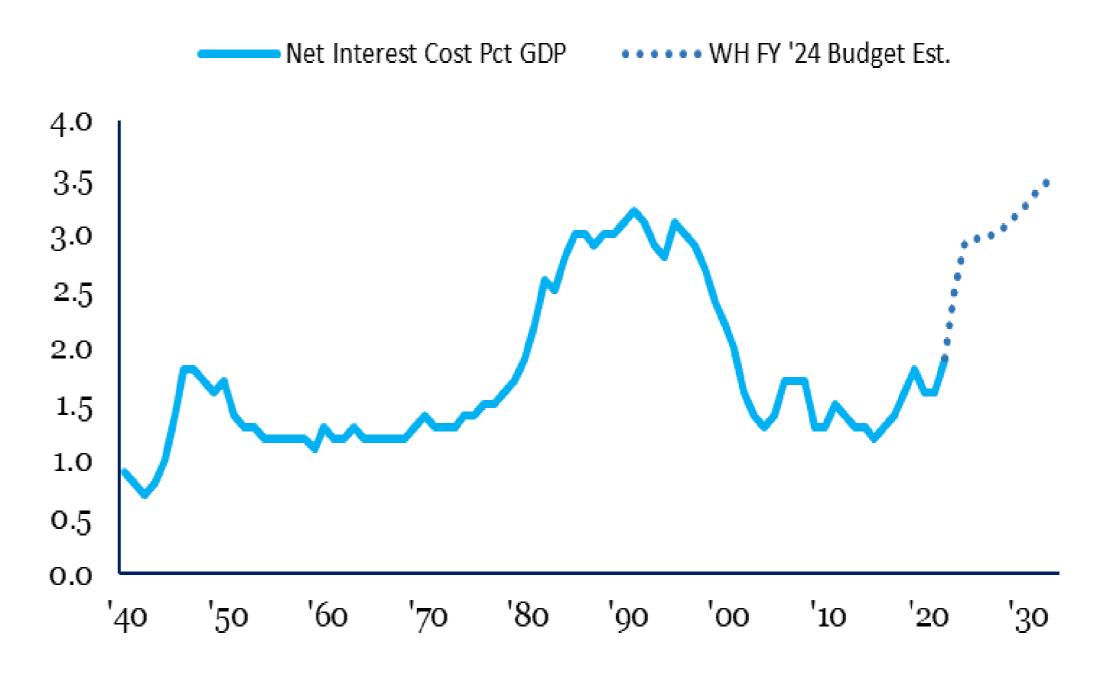
Source: Strategas Research Partners, as of May 17, 2023.

### The total federal debt is a growing problem

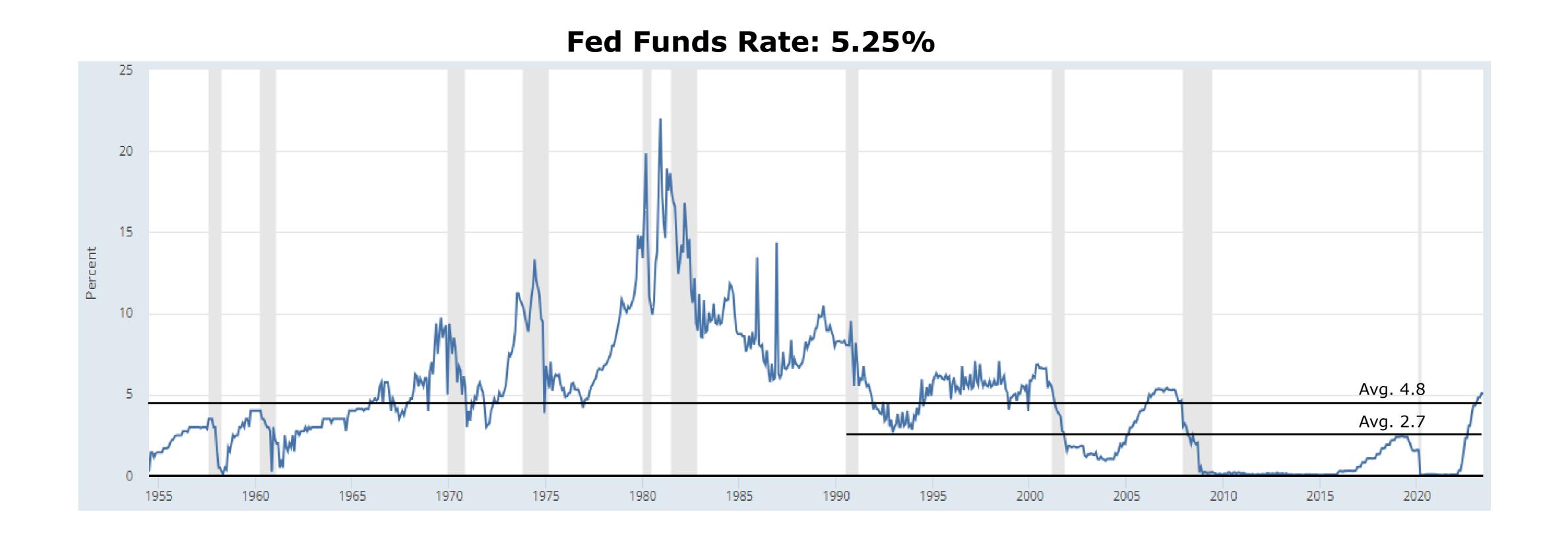
While debt levels have risen sharply, low rates mean that the interest burden has fallen dramatically



#### Interest Expense as a % of GDP



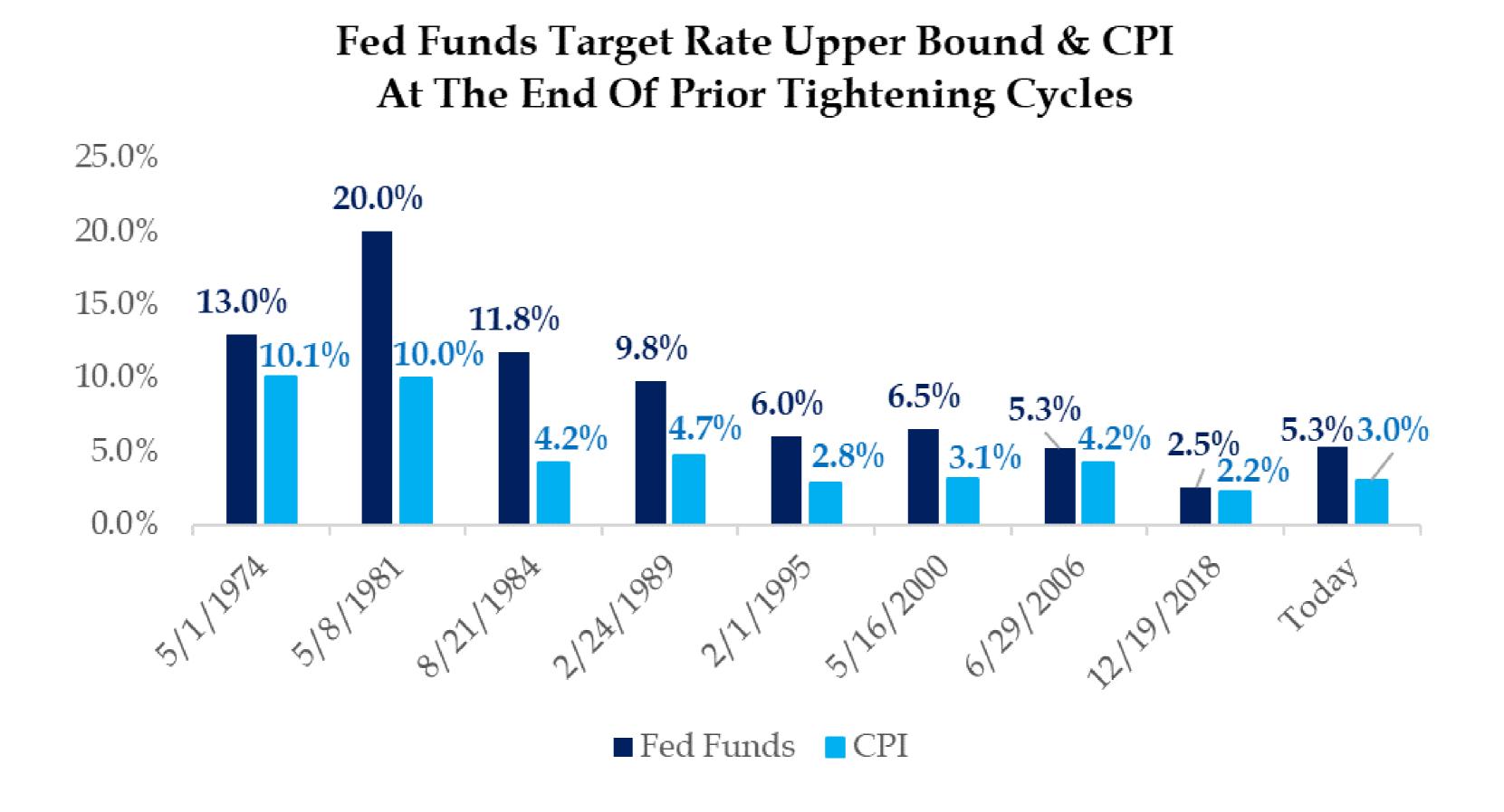
## Fed's first hike typically precedes next recession by several years



Note: Shaded areas indicate recessions. Fed Funds Rate refers to the upper band. Source: FRED Economic Data as of June 27, 2023.

### A primary prerequisite for Fed easing:

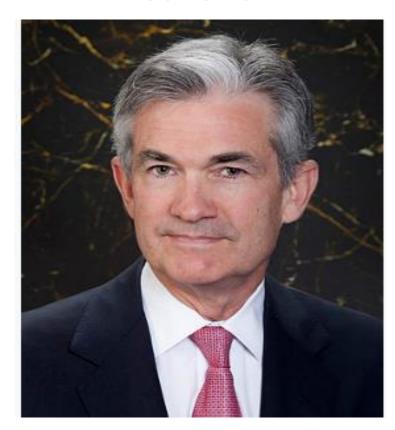
Positive real rates



# dederated == Hermes

#### Who will replace Brainard as Fed Vice Chair?

#### **Fed Chair**



Jerome Powell, J.D.

#### **Former Vice Chair**



Dr. Lael Brainard, Ph.D.

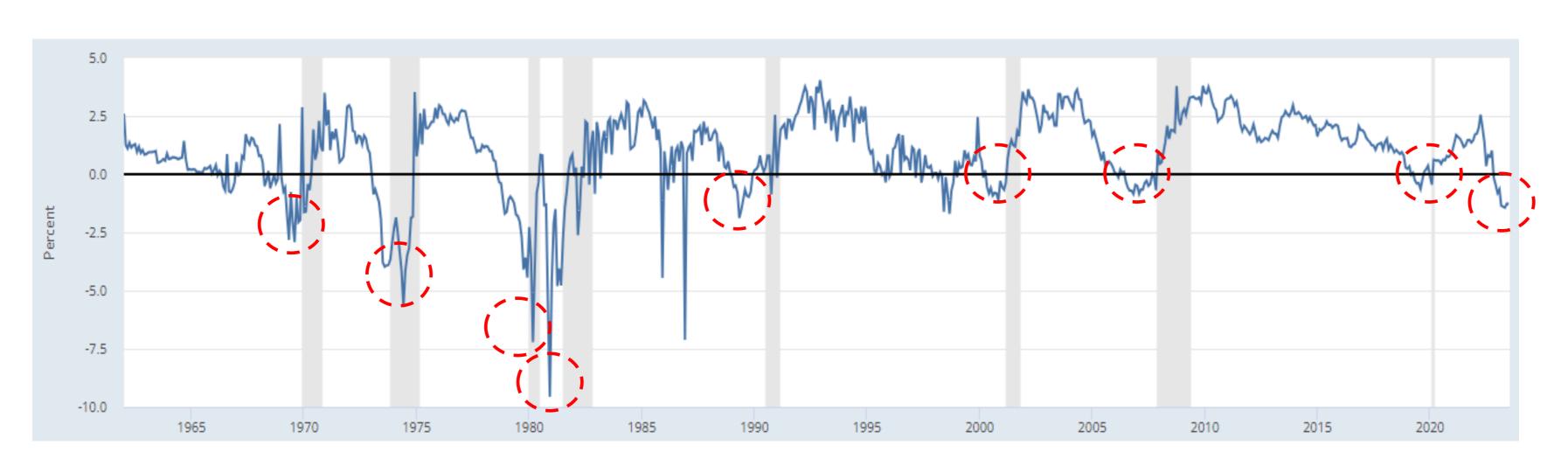




- Former Federal Reserve Vice Chair Dr. Lael Brainard has started her new position as White House National Economic Council Director, replacing Brian Deese.
- Now the process to replace her at the Federal Reserve begins.
- Appointments are typically driven by who can get confirmed by the Senate, where the Democrats currently hold the majority at 51.
- Nominee to replace the Vice Chair:
  - Dr. Philip Jefferson, Ph.D.
- Nominees for the Board of Governors:
  - Dr. Adriana Kugler, Ph.D.
  - Dr. Lisa Cook, Ph.D.
- Will the new balance of power within the Board of Governors potentially alter the Fed's current hawkish direction on monetary policy?

### Inverted yield curve typically forecasts recessions by 1-2 years

#### 10-Year Treasury Constant Maturity Minus Federal Funds Rate



10's: 3.85%

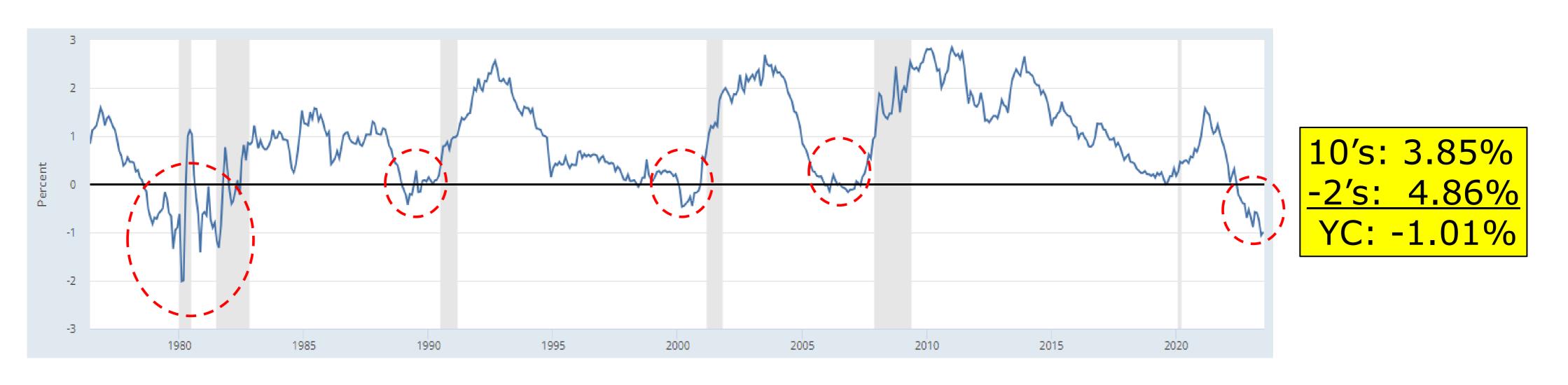
-FF: 5.25%

YC: -1.40%



# Historical 2/10 spread an excellent precursor for impending recession

#### 10-Year Treasury Constant Maturity Minus 2-Year Treasury Constant Maturity



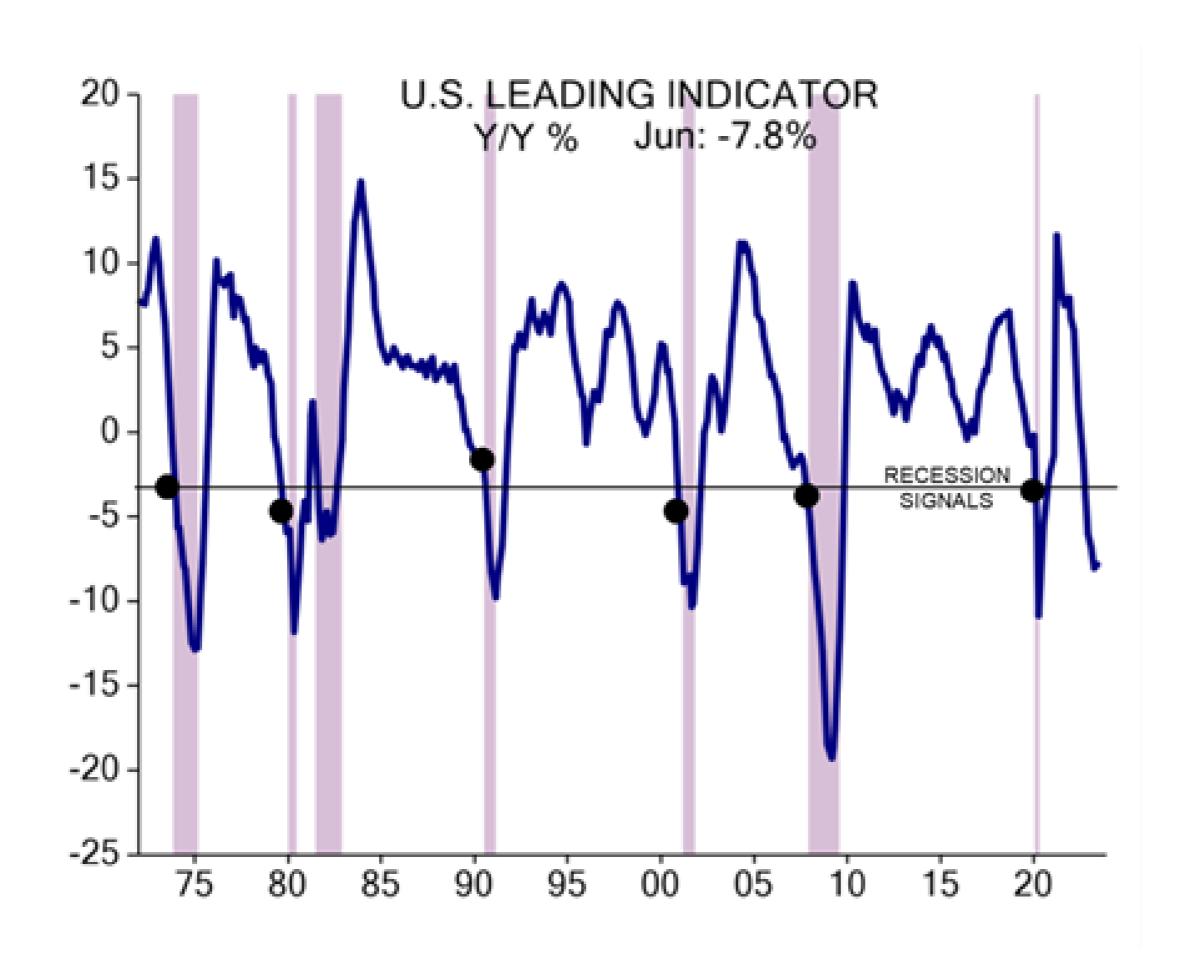
### But is the 3-month/10-year curve a better signal?

#### 10-Year Treasury Constant Maturity Minus 3-Month Treasury Constant Maturity



10's: 3.85%
-3mo: 5.41%
YC: -1.56%

### Leading Economic Index (LEI) Recession Signal



### Inflation and the price of gasoline are major drivers of recession

#### **Energy/GDP Leverage Rule of Thumb:**

Every 1 cent change in the retail price of gasoline @ pumps = an inverse change of \$1.18 billion in consumer discretionary spending

Daily nat'l avg. reg. unleaded gasoline price (Nov. 22, 2020) -- \$2.11/gal (trough)

Daily nat'l avg. reg. unleaded gasoline price (June 13, 2022) -- \$5.02/gal (peak)

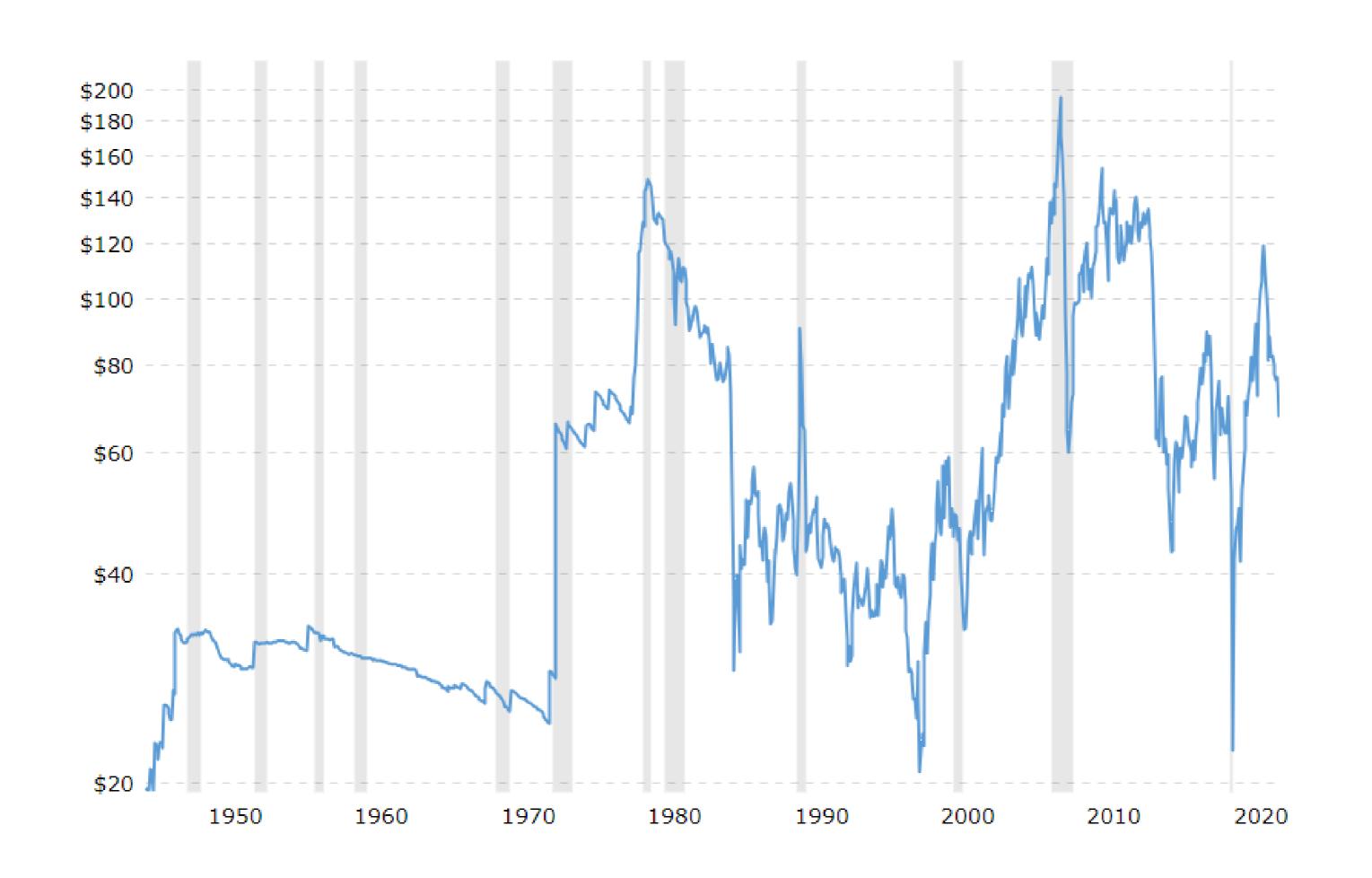
Delta – 138% increase \$2.91/gal

291 X \$1.18 billion = \$343.4 billion reduction in consumer discretionary spending

Divided by \$20.2 trillion (1Q23 Chained \$ GDP in U.S.) = 1.70% reduction in consumer spending

**Divided by** 70% (% of GDP for which consumer spending accounts) = 2.43% reduction in overall GDP annualized

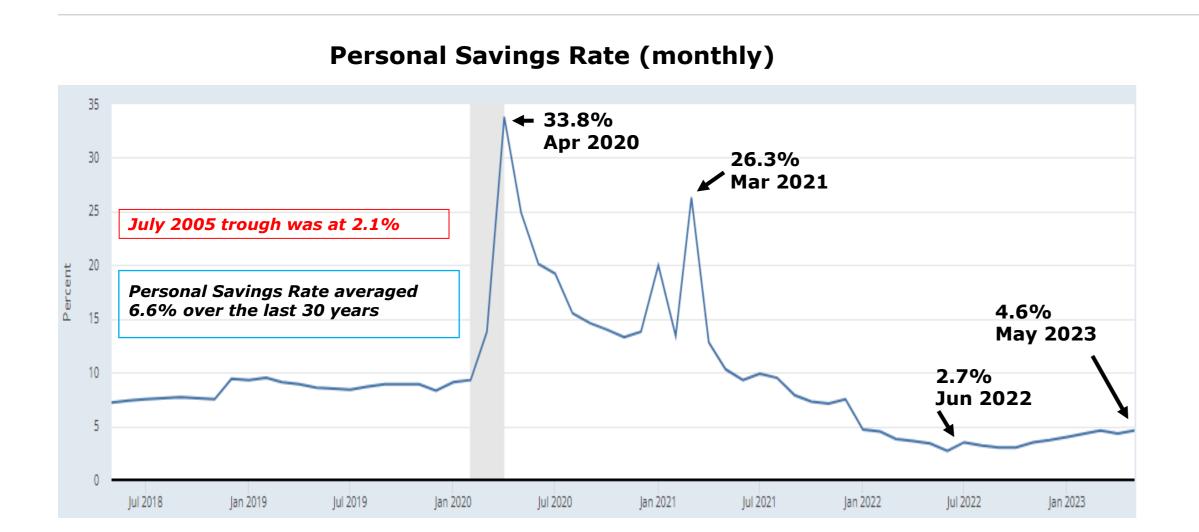
# Strong historical correlation between oil price spikes and subsequent recessions

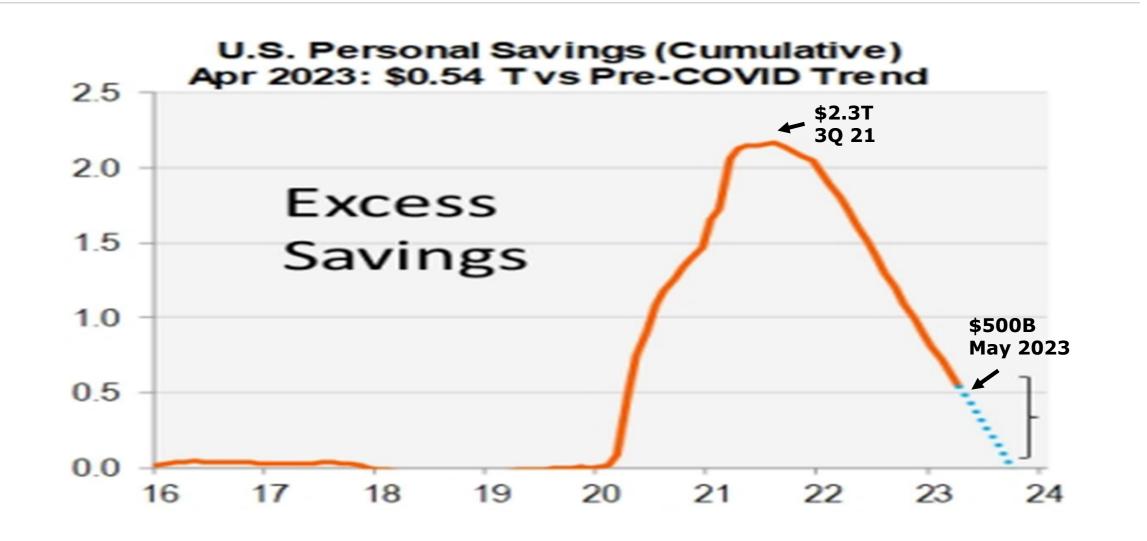


### Energy roundtrip in 2023?

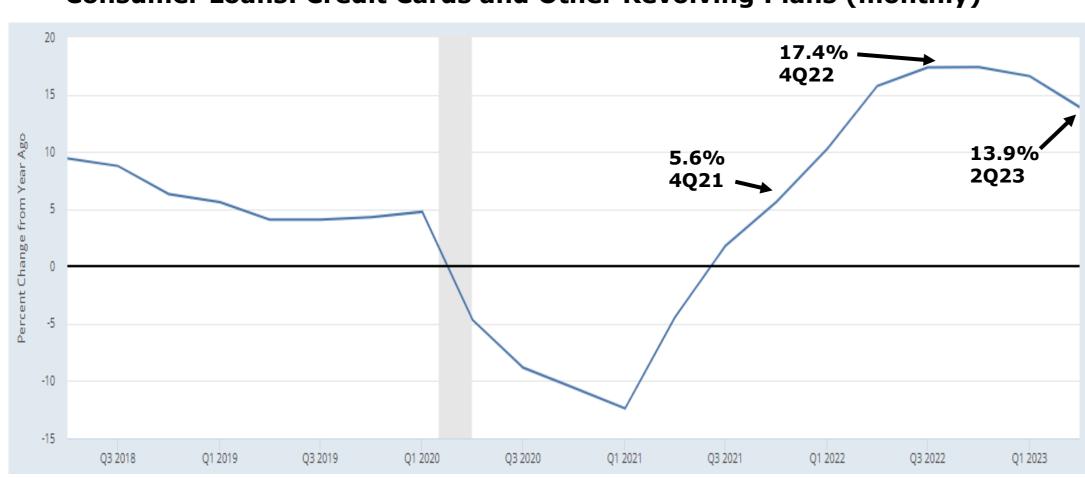
- U.S. dollar weakness contributes to rising commodity prices
- EU & US price caps at \$60 a barrel result in less Russian production for G-7
- OPEC+ cuts crude oil production by 4.66 million barrels per day
- U.S. mismanagement of energy exploration & production and drawdown of Strategic Petroleum Reserve (SPR) by half for political reasons
- Potentially difficult weather
- China emerges from COVID lockdowns

### Personal balance sheets are under pressure

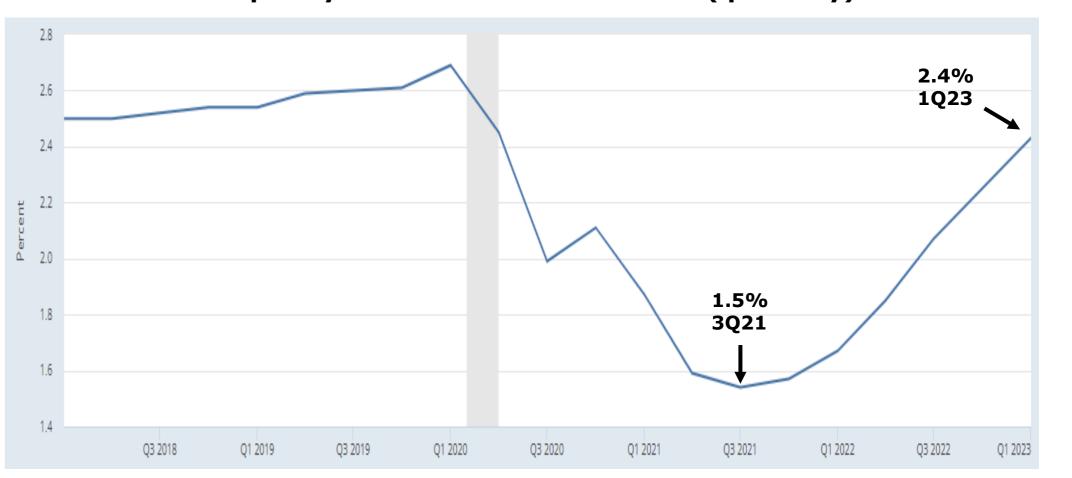




#### **Consumer Loans: Credit Cards and Other Revolving Plans (monthly)**



#### **Delinquency Rate on Credit Card Loans (quarterly)**



### Retail sales slowing sharply from post-covid peak

Retail sales y/y % change

Retail Sales Season	2023	2022	2021	2020	2019	2018
"MAPRIL"	1.7%	8.6%	39.5%	(12.9)%	3.0%	4.4%
BTS*	1.5%	9.8%	14.7%	4.2%	3.3%	5.1%
XMAS	TBD	7.1%	15.3%	5.8%	4.2%	2.6%
Average	TBD	8.5%	23.2%	(1.0)%	3.5%	4.0%

Note: The three most important retail sales seasons share a 73% positive correlation over the past 30 years. Personal consumption accounts for 70% of GDP.

MAPRIL = March & April combined. BTS = Back to School (June through September) XMAS = Christmas (October through January) TBD = To Be Determined

**Green** shaded areas indicate a positive reading. Red shaded areas indicate a negative reading.
Yellow shaded areas indicate a positive reading below 2%.

\* June 2023 data only.

#### Consumer Stress Indicator

Consumers are feeling the strain of rising costs

#### Consumer Stress Indicator

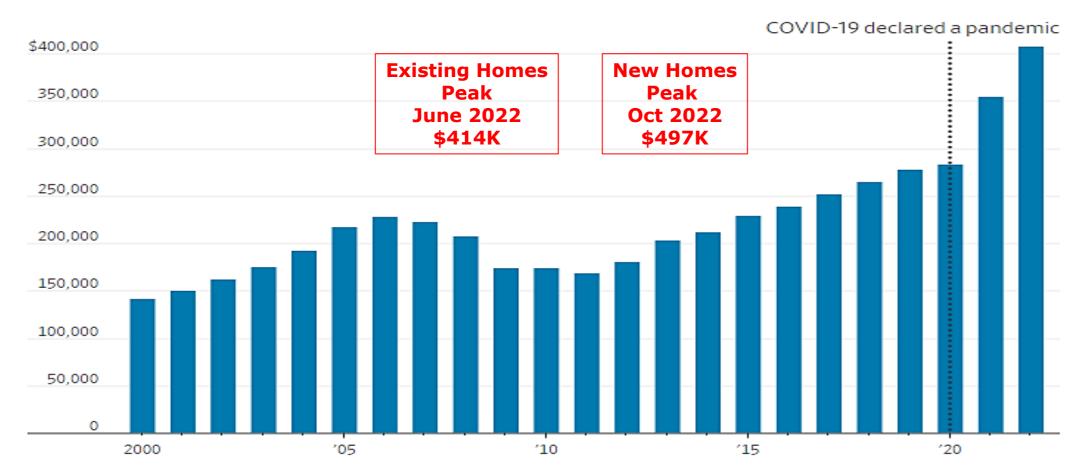
(Food At Home + Mortgage Rates + Gasoline Prices)



Historically readings at the current levels have only come down after the economy dipped into a recession.

# Housing affordability plummets

#### **Median Sale Price of Existing Homes from May of Each Year**



Note: World Health Organization declared Covid-19 a pandemic in March 2020. Source: National Association of Realtors as of July 2022.

#### **30-Year Fixed rate Mortgage Average in the United States**



Source: FRED Economic Data as of May 17, 2023. Shaded bars indicate recessions

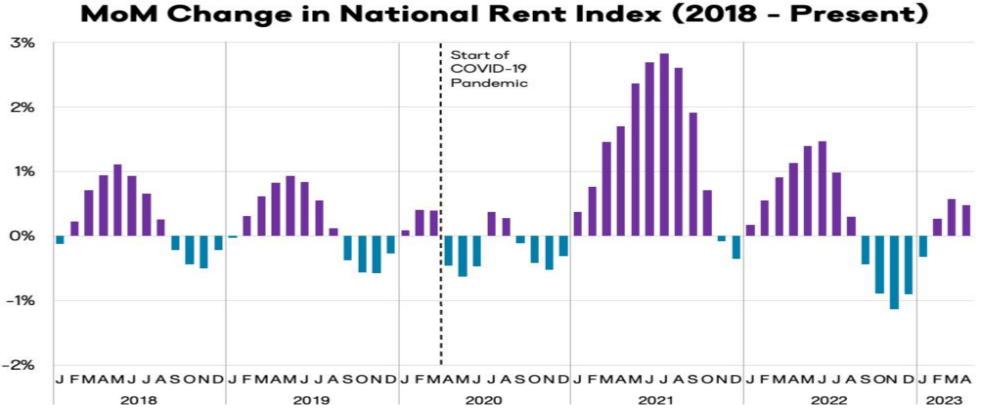
Shaded areas indicate recessions. Past performance is no guarantee of future results.

#### **United States Housing Affordability Index**



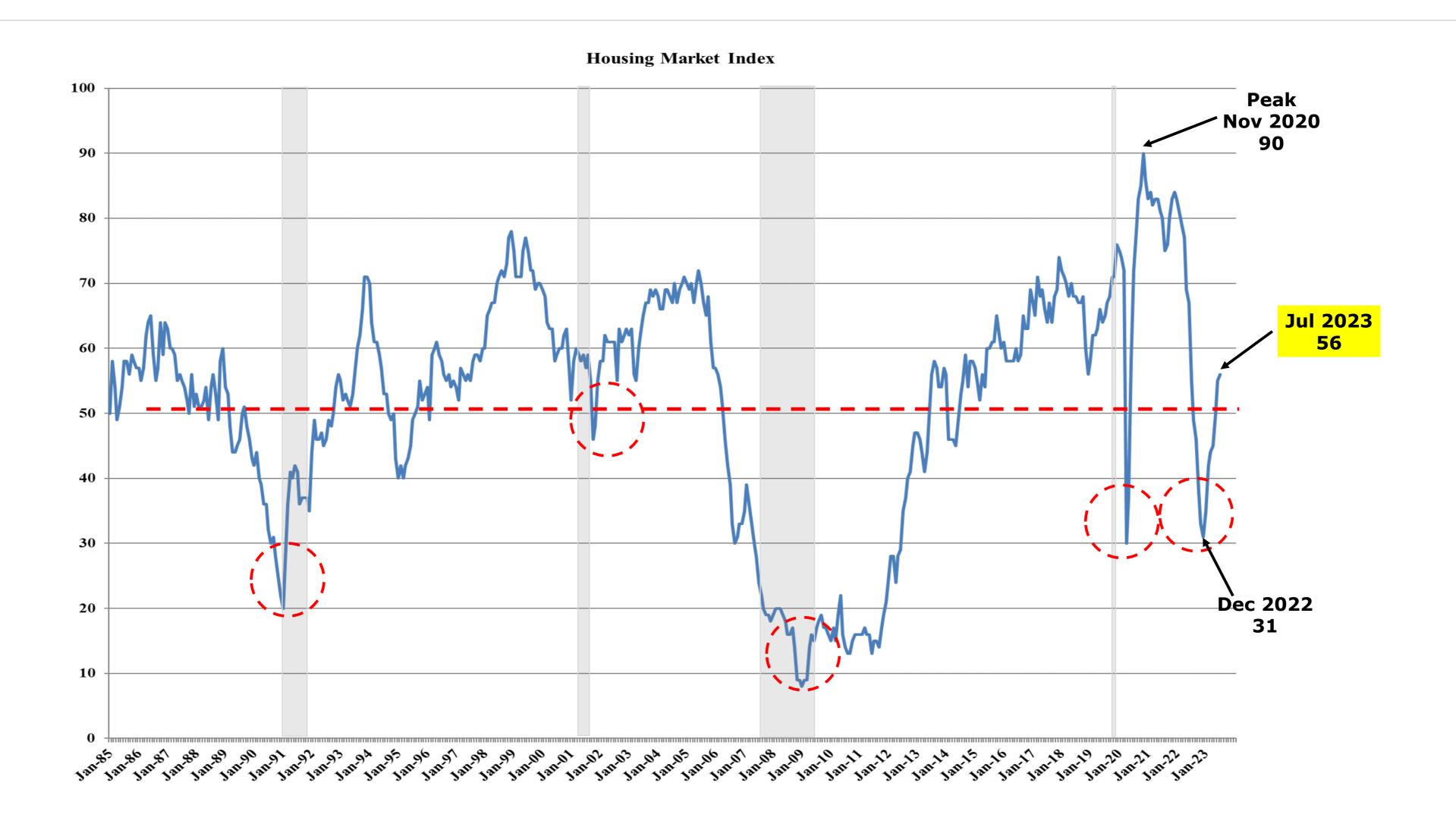
Note: Higher values represent greater affordability. Shaded areas indicate recessions. Source: Evercore ISI as of May 17, 2023.

#### Month-over-Month Change in National Rent Index (2018 - Present)

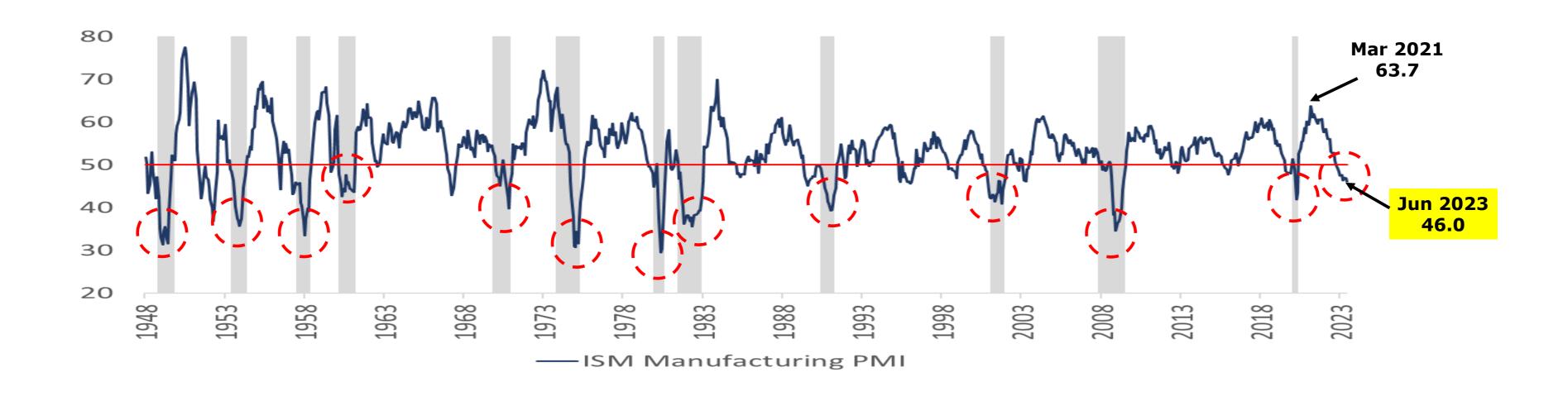


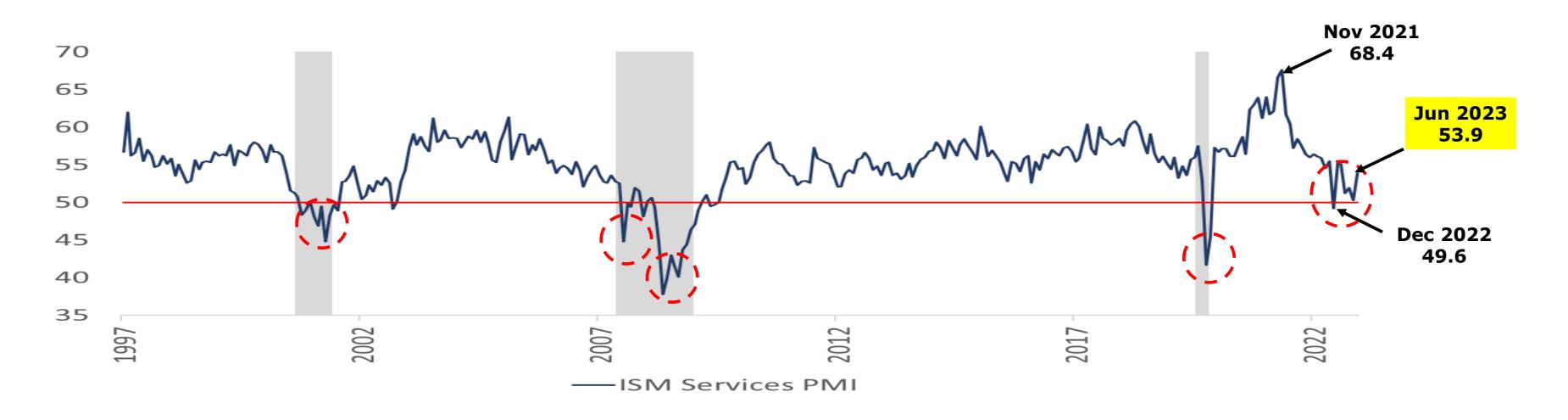
Source: Apartment List Rent Estimates as of April 27, 2023.

### Housing decline contributes to recession fears



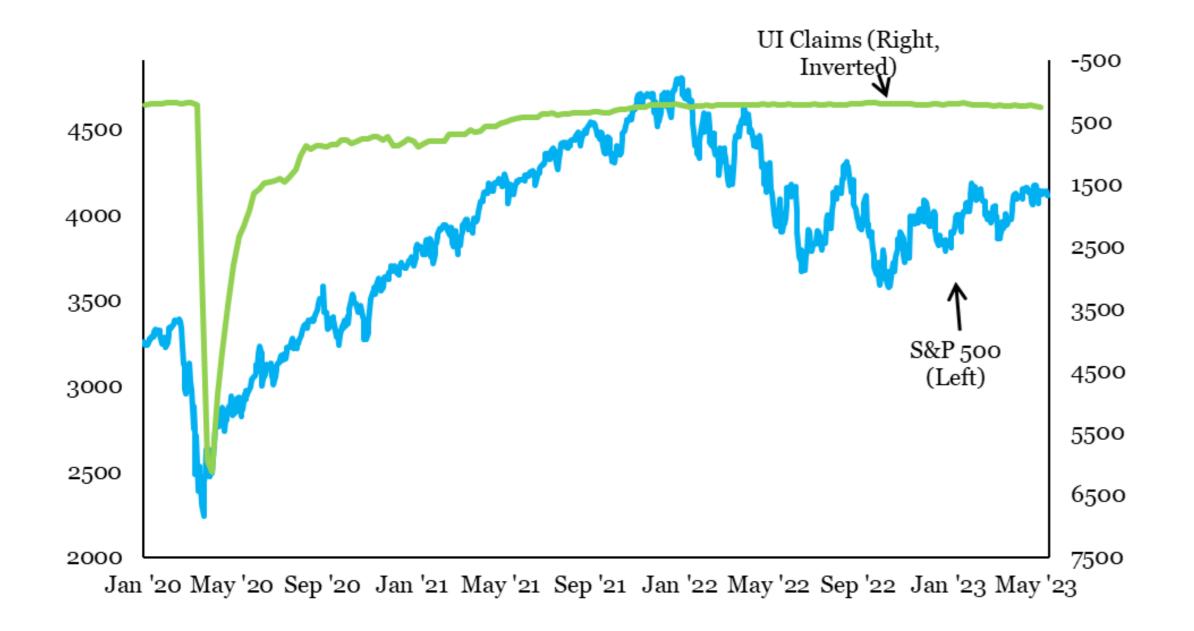
### ISM indices in contraction territory





#### U.S. labor market & stocks are linked

#### **S&P 500 & US Initial Unemployment Claims**





S&P 500 up 120% (intraday price only from March 23, 2020, to peak on January 4, 2022).



Initial Weekly Jobless Claims down 97% from March 2020 to trough on March 19, 2022.



S&P 500 down 28% from January 4, 2022, to October 13, 2022.



Initial Weekly Jobless Claims up 57% from March 19, 2022, to July 16<sup>th</sup>, 2022.

## K-shaped recovery in labor market – canary in the coal mine?



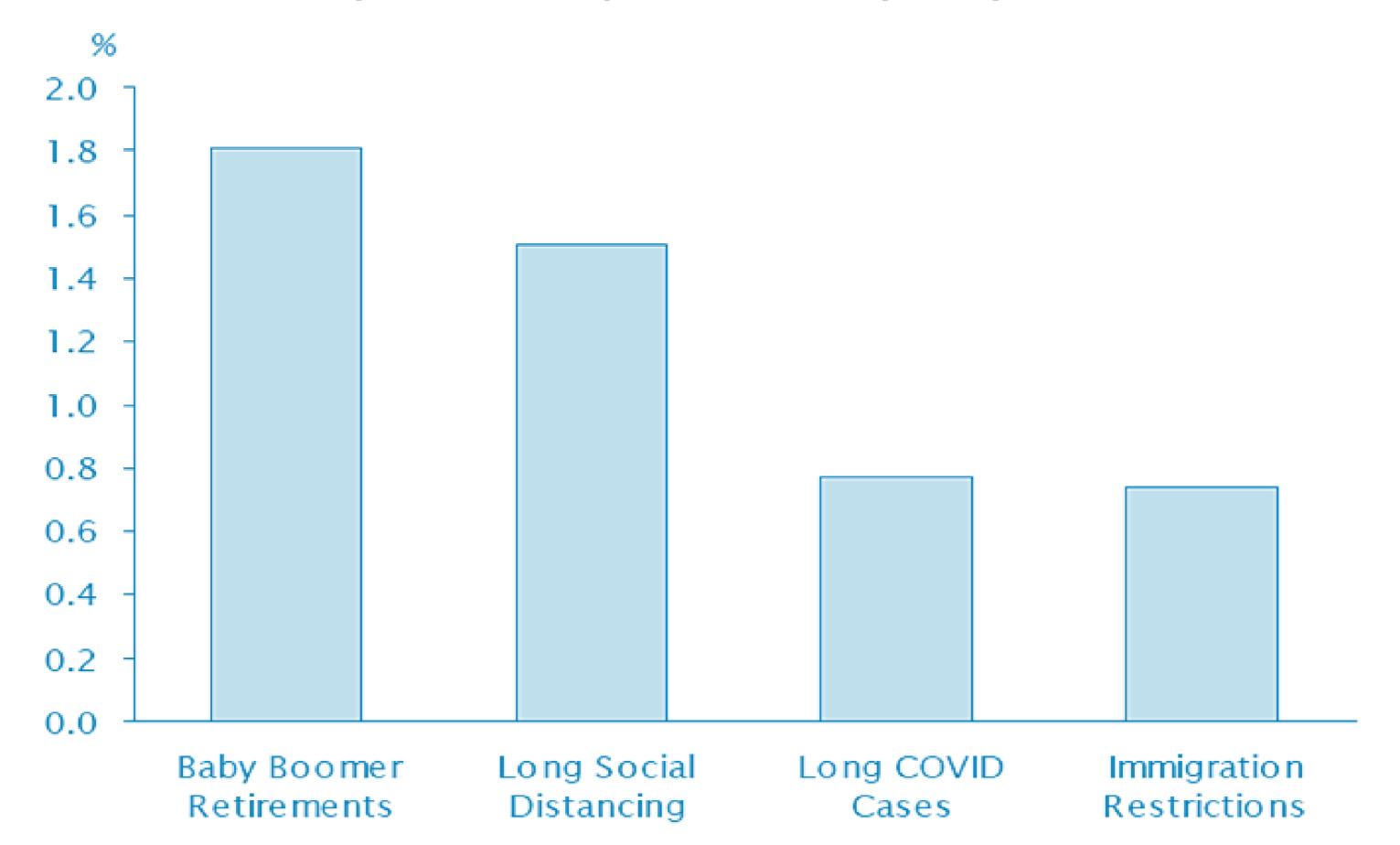
- Pre-pandemic unemployment (for those over 25 years of age with less than a high school diploma) was 5.8% in February 2020. It soared to a cycle peak of 21.2% in April 2020 and declined to a 31-year record-low of 4.4% in November 2022. But it rose to 6.0% in June 2023.
- Pre-pandemic unemployment (U-3) for the overall economy was 3.5% in February 2020, a half-century low. It soared to a cycle peak of 14.8% in April 2020 and declined to 3.4% in April 2023, a new 53-year low. But it rose to 3.6% in June 2023.

Pre-pandemic unemployment (for those over 25 years of age with a bachelor's degree or higher) was 1.9% in February 2020. It soared to a cycle peak of 8.4% in April 2020 and declined to a 22-year low of 1.8% in September 2022. It has since risen to 2.0% in June 2023.

Note: In its June 2023 Summary of Economic Projections, the Federal Reserve estimates that U-3 will rise to 4.1% by year-end 2023 and to 4.5% by year-end 2024.

#### Where are all the workers?

# Baby Boomer Retirements, Long Social Distancing, Long COVID and Immigration Restrictions As a Share of the Labor Force (Mid-2022 Compared to February 2020)



### What's causing the shortage of workers?

#### For retiring Baby Boomers:

- SPX rose by 120% from March 2020 to January 2022
- Existing home prices rose by 57% from January 2020 to June 2022

#### For low-skill & low-wage workers:

- Federal stimulus payments
- Overly generous federal unemployment benefits
- Medicaid enrollment expansion
- Expansion of the number of food-stamp recipients and a 30% increase in benefits
- Student loan interest deferral and debt cancellation
- Expansion of child tax credits

# Recessions have been a determining factor in whether presidents get re-elected

#### No Recessions Two Years Before Re-Election

President	Recession?	Re-Elected?
Obama	No	Yes
Bush II	No	Yes
Clinton	No	Yes
Reagan	No	Yes
Nixon	No	Yes
LBJ	No	Yes
Eisenhower	No	Yes
Truman	No	Yes
FDR	No	Yes
FDR	No	Yes
FDR	No	Yes
Wilson	No	Yes

#### **Recessions Two Years Before Re-Election**

President	Recession?	Re- Elected?
Trump	Yes	No
Bush I	Yes	No
Carter	Yes	No
Ford	Yes	No
Hoover	Yes	No
Taft	Yes	No

33

## GDP: Unprecedented V-shaped recovery

Views are as of July 19, 2023

	1Q	2Q	<b>3Q</b>	4Q	FY
2007	1.2	2.6	2.4	2.5	2.0
2008	(1.6)	2.3	(2.1)	(8.5)	(0.1)
2009	(4.6)*	(0.7)*	1.5	4.3	(2.6)
2010	2.0	3.9	3.1	2.1	2.7
2011	(1.0)	2.7	(0.2)	4.6	1.5
2012	3.3	1.8	0.7	0.4	2.3
2013	3.5	0.6	3.2	2.9	1.8
2014	(1.4)	5.2	4.7	1.8	2.3
2015	3.3	2.3	1.3	0.6	2.7
2016	2.4	1.2	2.4	2.0	1.7
2017	1.7	2.0	3.4	4.1	2.2
2018	2.8	2.8	2.9	0.7	2.9
2019	2.2	2.7	3.6	1.8	2.3
2020	(4.6)	((29.9)**)	35.3	3.9	(2.8)
2021	6.3	7.0	2.7	7.0	5.9
2022	(1.6)	(0.6)	3.2	2.6	2.1
2023	2.0A	1.7E	0.9E	0.6E	1.8E
2024	0.4E	0.5E	0.8E	1.1E	0.7E

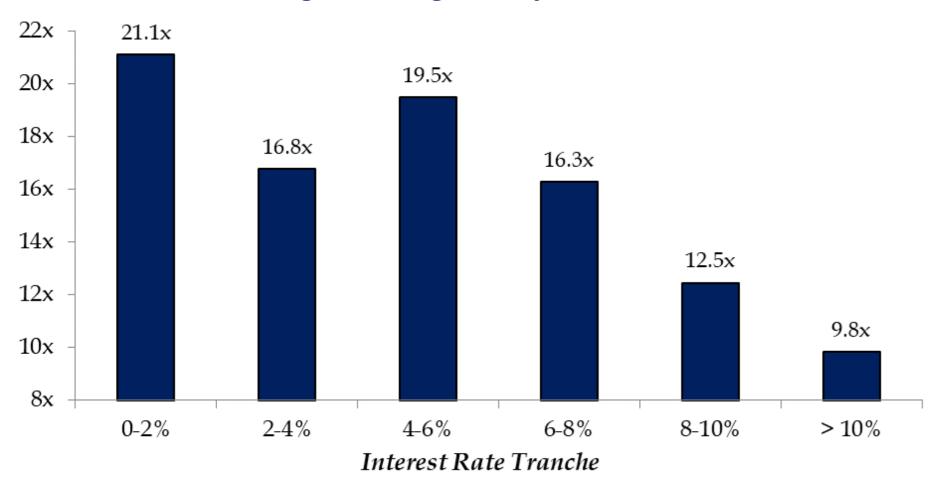
## Federated Hermes Forecast

Views are as of July 19, 2023

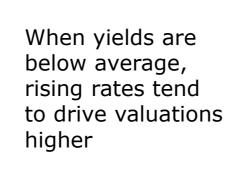
	2016A	2017A	2018A	2019A	2020A	2021A	2022A	2023E	2024E
Real GDP	1.70%	2.30%	3.00%	2.20%	(3.50)%	5.90%	2.10%	1.80%	0.70%
Core CPI	2.20%	1.80%	2.20%	2.30%	1.60%	5.50%	5.70%	3.90%	2.90%
Core PCE	1.80%	1.60%	2.00%	1.60%	1.50%	4.90%	4.40%	3.60%	2.60%
Benchmark 10yr Treasury Yield	2.50%	2.40%	2.68%	1.92%	0.92%	1.51%	3.88%	3.25%	3.00%
Fed Funds Rate (upper band)	0.75%	1.50%	2.50%	1.75%	0.25%	0.25%	4.50%	5.50%	4.00%
S&P 500 EPS	\$119	\$133	\$163	\$167	\$137	\$208	\$219	\$200	\$230
Target Forward P/E	16.8x	16.4x	15.0x	23.6x	18.1x	21.8x	19.2x	19.1x	N/A
S&P 500 Target Price	2,239	2,674	2,507	3,231	3,756	4,766	3,840	4,400	N/A

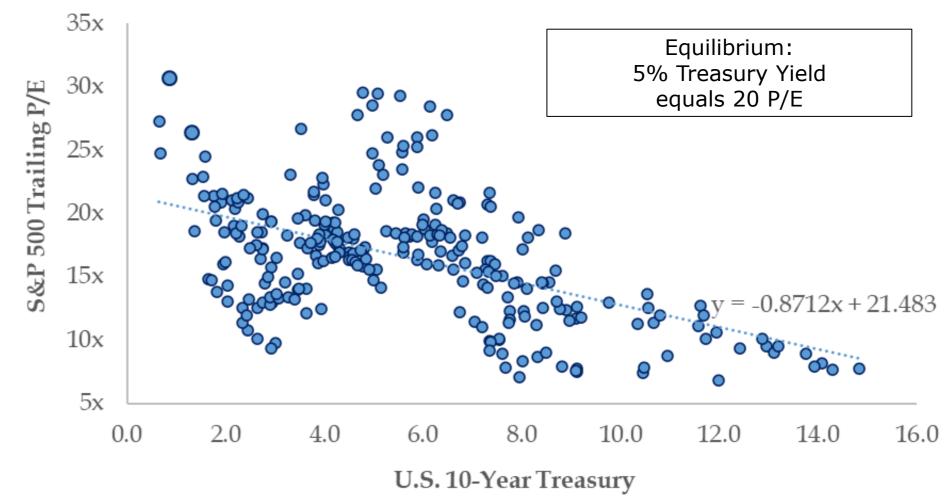
# "Rule of 20" and "Fed Model" suggest that rising inflation and interest rates could compress P/E's

#### S&P 500 Average Trailing P/Es by Interest Rate Tranche



U.S. 10-Year Treasury Yield vs. S&P 500 Trailing P/E (1953 - Current)





#### Federated Hermes Investment Focus

Views are as of July 19, 2023

**Equities** 3% Overweight

International

Developed

Fixed Income 4% Underweight Duration: 105%

Cash
1% Overweight

#### **Recommended Equity Sector Allocation**

#### **Overweight**

- Energy
- Health Care
- Staples
- Utilities

#### Neutral

- Comm.Services
- Industrials

Technology

Materials

#### **Underweight**

- Discretionary
- Financials
- REITs

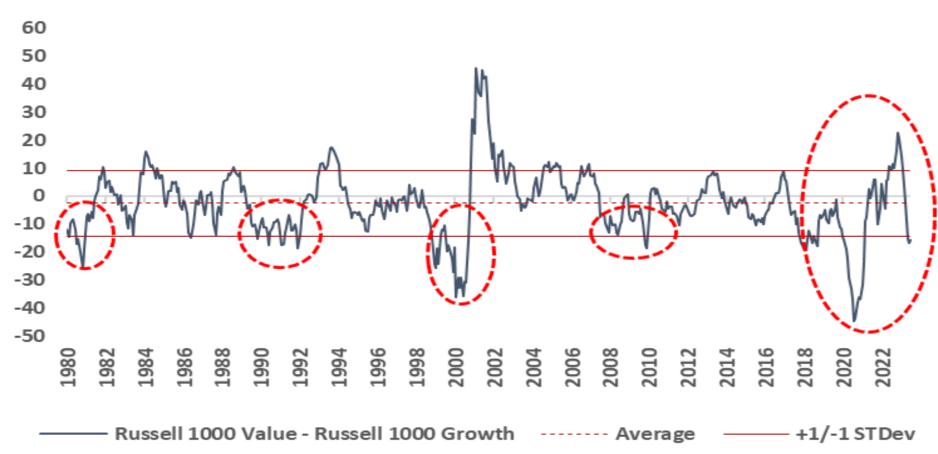
#### **Sub-Asset Class Active Positioning**

#### **Equities** Bonds **Overweight Underweight Underweight Overweight** Neutral Neutral U.S. Small Cap International U.S. Large Cap MBS Agencies Emerging Growth Small-Mid Cap Growth Markets **CMBS** U.S. Small Cap International High Yield Value Developed IG Corporates Muni's U.S. Large Cap Treasuries Value TIPs Emerging Markets

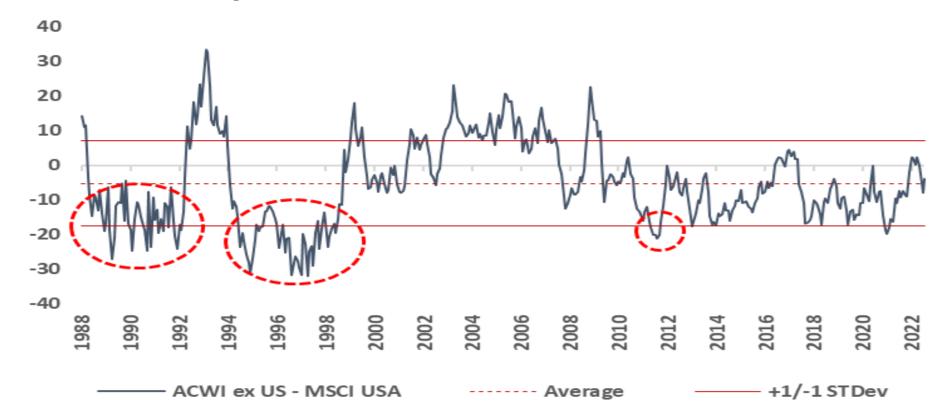
The information and data contained herein are provided solely for informational purposes. Accordingly, this communications does not represent specific investment advice and should not be construed as an investment recommendation.

### Overweight Domestic Large and Small Cap Value and International

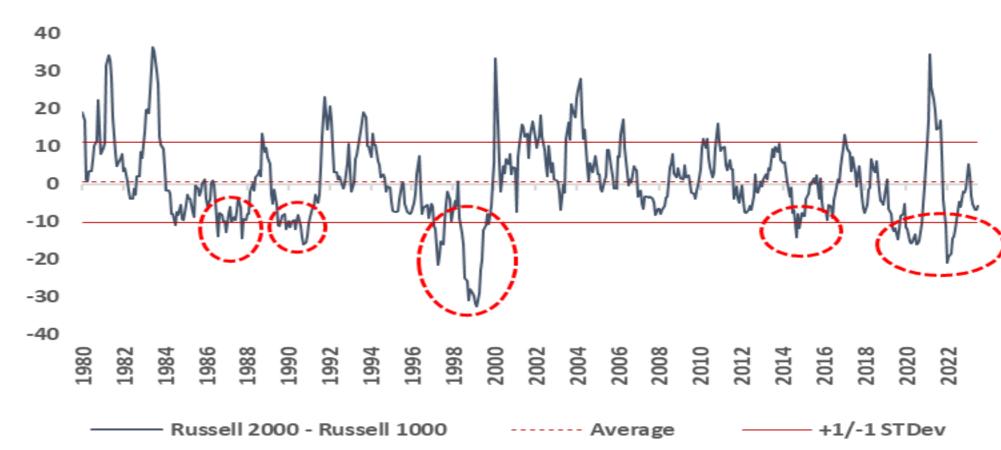




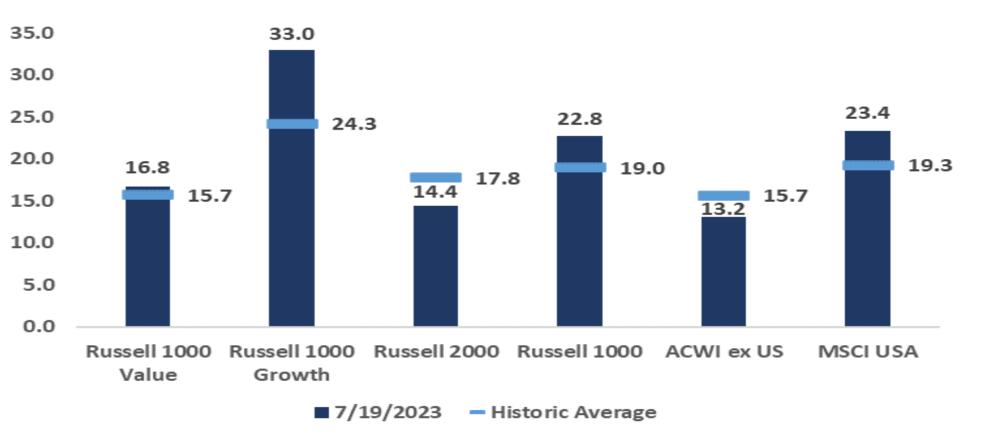
**Rolling 1 Year Return** All Country World Index ex US Minus MSCI USA



#### **Rolling 1 Year Return** Russell 2000 (Small Cap) (RTY) Minus Russell 1000 (Large Cap) (RIY)



#### **Index Price Earnings (P/E)**

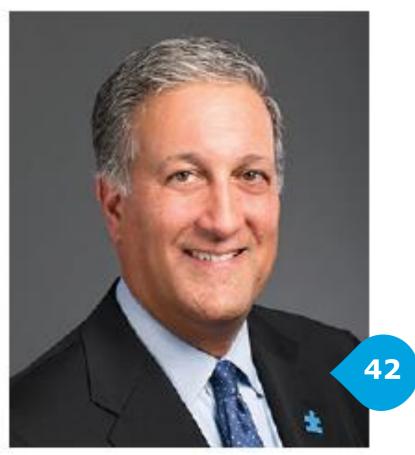


NOTE: P/E adjusted to include only positive earnings.

### Conclusion: We have a bullish long-term view on equities

- Peak inflation
- **Peak Federal Reserve tightening**
- Peak equity valuation
- Trough economic and corporate profit growth
- Potential for more economic and market-friendly fiscal policies

### Biography



Philip Orlando, CFA
Chief Equity Market Strategist
Head of Client Portfolio Management
Senior Vice President

Years of Industry Experience

Phil Orlando is Federated Hermes' chief equity strategist and the head of the Client Portfolio Management team. He joined Federated in 2003 and, with more than 40 years of industry experience, Phil is responsible for the formulation of Federated Hermes' views on the economy, the financial markets and the firm's positioning strategies.

He serves as the chairman of both the Macro Economic Policy and the PRISM Asset Allocation committees. As the head of the Client Portfolio Management team, Phil is responsible for bringing extensive macroeconomic, investment strategy and product knowledge directly to clients in collaboration with the sales team.

Throughout his career, Phil has been recognized for his ability to accurately synthesize the interrelationship among highly complex financial, economic and political market developments, and translate them into easily understandable concepts. He is a popular keynote speaker, addressing many national investment conferences.

For more than 25 years, Phil has been a regular contributor to the financial media, including CNBC, Bloomberg, Fox Business News, Reuters, The Wall Street Journal and The New York Times, among many other media outlets.

Phil received his bachelor's degree and MBA from New York University. He is a CFA® charterholder.

Phil is married and has three children. While he spends much of his time off with his family, he is also very active in charity work. He is on the Board of Directors of two Westchester-based charities that work with special-needs children: The Foundation for Empowering Citizens with Autism (FECA) and Extraordinary Ventures New York (EVNY). He is also an advisory-board member of the Cancer Support Team (CST).