

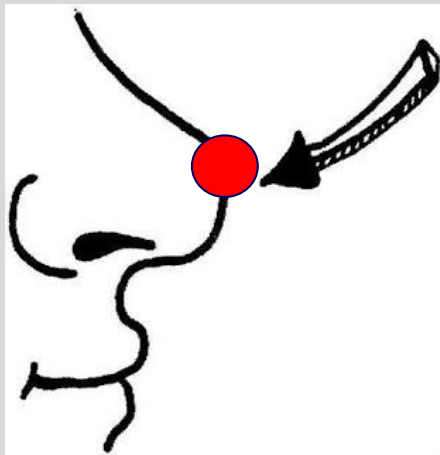
Investing for Successful Retirement

UD Osher – OLLI
Fall 2025

- **Rajeev A. Vaidya**
- **Ron Materniak**

Disclaimer in plain language

Disclaimer – in plain language:



Opinions are like noses, everyone has one !

You are going to see mine in this course !!

We are simply sharing our perspective.

This is not investment advice or recommendation.

Rajeev and Ron are not a financial advisors.

This course is for educational purposes only.

Form your own opinion, make your own investment decisions.

Eleventh Class – Nov. 12th

- Market Update – Ron Materniak
- Economic Outlook – Dr. Robert Fry
- Questions

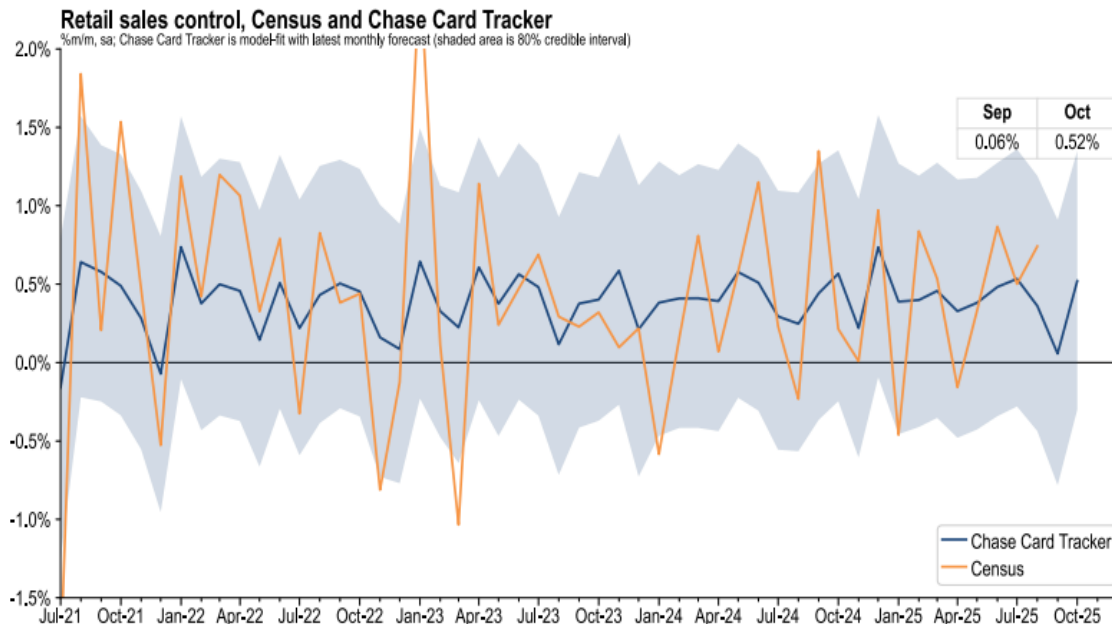
Consumer spending – 3Q 2025



Dan Weitzenfeld (646) 299-1400
dan.weitzenfeld@jpmorgan.com

Daily consumer spending tracker

- As of 31 Oct 2025, our Chase Consumer Card spending data (unadjusted) was 2.1% above the same day last year.
- Based on the Chase Consumer Card data through 31 Oct 2025, our estimate of the US Census September control measure of retail sales m/m is 0.06%.



Retail sales, Census and Chase Card Tracker

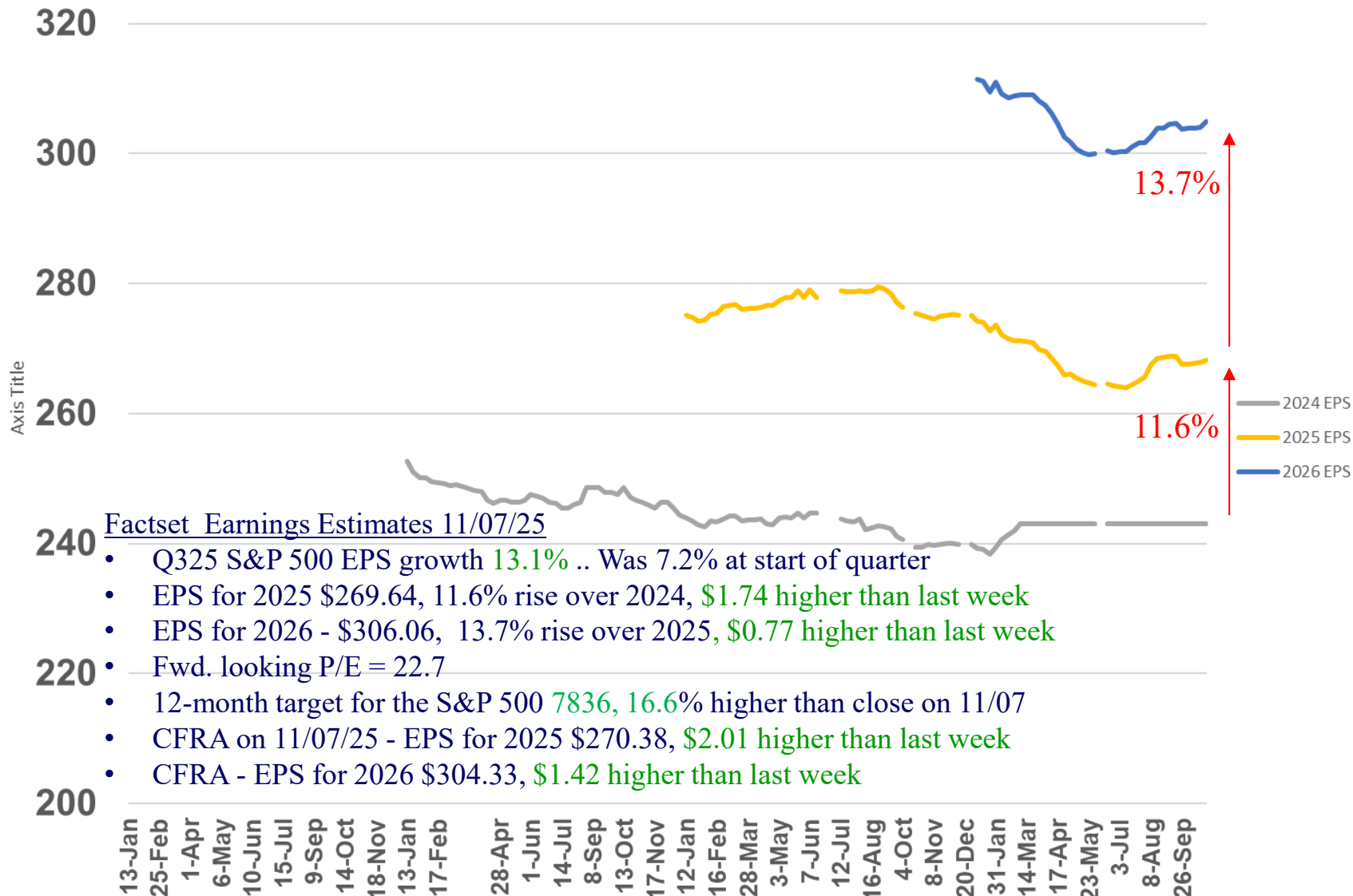
m/m, sa	Jun	Jul	Aug	Sep
Total Retail Sales & Food Services				
Census	0.97	0.61	0.63	
Chase Card Tracker	0.45	0.54	0.26	-0.22
Retail Control				
Census	0.87	0.50	0.74	
Chase Card Tracker	0.48	0.53	0.36	0.06
Gasoline Stations				
Census	0.68	0.92	0.52	
Chase Card Tracker	-1.07	-0.65	1.35	0.50
Food Services & Drinking Places				
Census	0.84	-0.09	0.73	
Chase Card Tracker	1.02	0.23	0.46	-0.41

For months with Census data, Chase Card Tracker reflects in-sample fit. Card data through 2025-10-31.

- Government shutdown for 43 days – absence of official data (WILL IT END THIS WEEK?)

Factset(R) - S&P 500 Calendar year earnings forecast

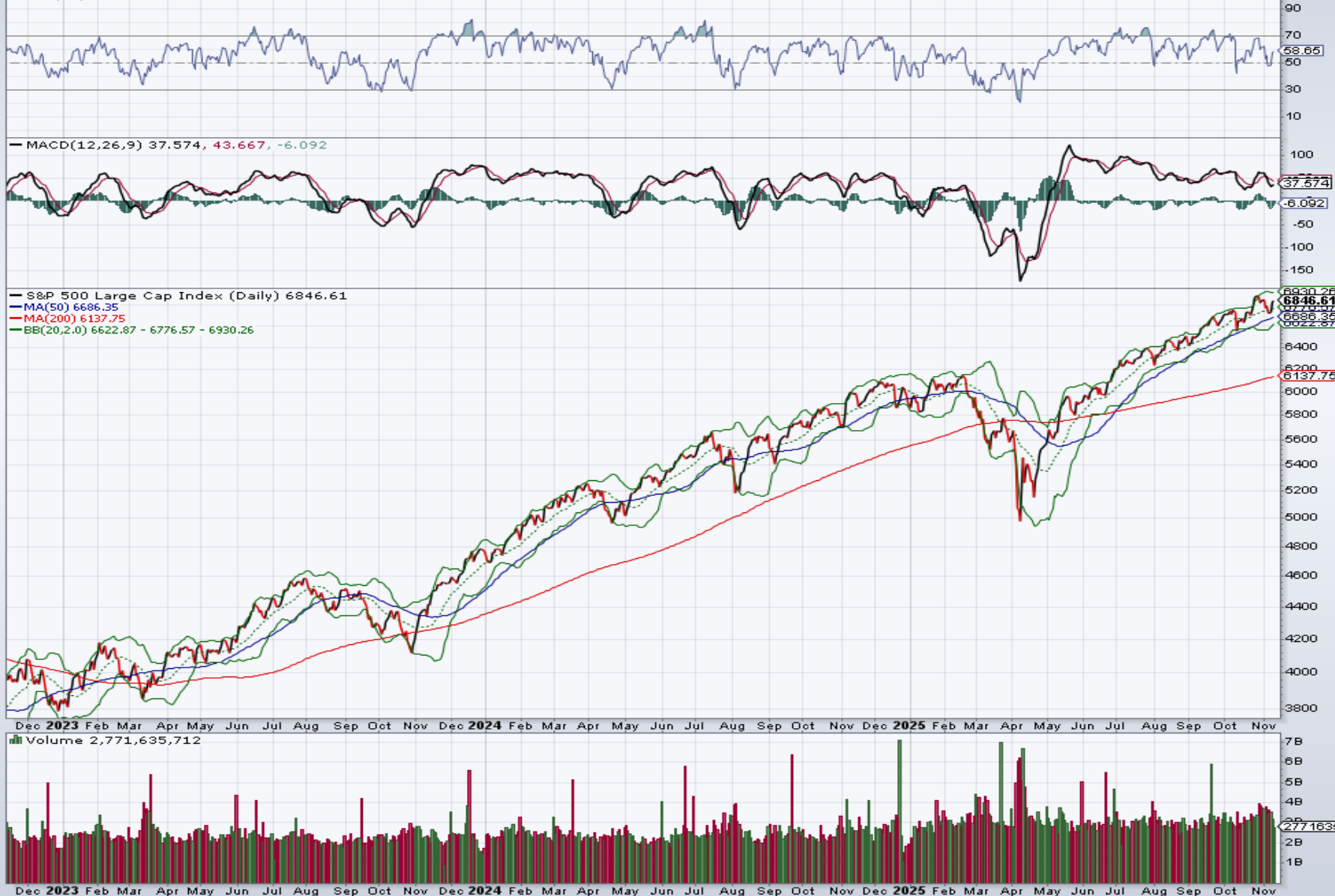
https://advantage.factset.com/hubfs/Website/Resources%20Section/Research%20Desk/Earnings%20Insight/EarningsInsight_110725.pdf



Open: **6815.64** Ask: Mkt Cap: Fwd Dividend: **N/A** P/E: EPS: Last Earnings: Next Earnings:
High: **6855.13** Bid: Fwd Yield: **N/A**
Low: **6806.87** Last: SCTR:
Prev Close: **6832.43** Optionable: **yes**

Tuesday 11-Nov-2025
Chg: **+0.21%**
Last: **6846.61**
Volume: **2,771,635,712**

RSI(14) 58.65



Open: **6815.64**
 High: **6855.13**
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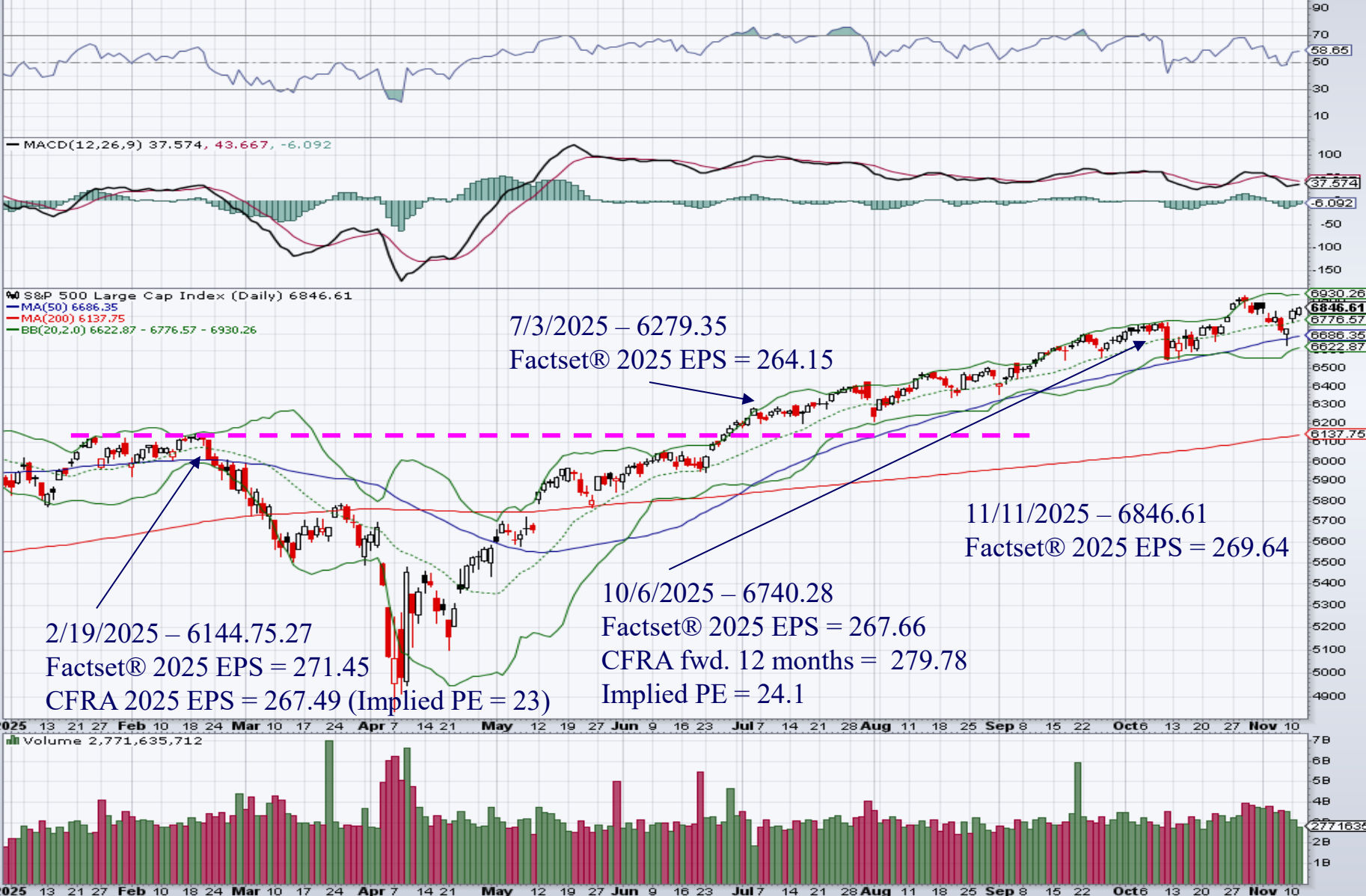
Ask:
 Bid:
 Last:
 Optionable: **yes**

Mkt Cap:
 Fwd Dividend: **N/A**
 Fwd Yield: **N/A**
 SCTR:

P/E:
 EPS:
 Last Earnings:
 Next Earnings:

Tuesday 11-Nov-2025
 ▲ **+0.21%**
 Chg: **+14.18**
 Last: **6846.61**
 Volume: **2,771,635,712**

▲ RSI(14) 58.65



Market Breadth – another way

SPY SPDR S&P 500 ETF NYSE

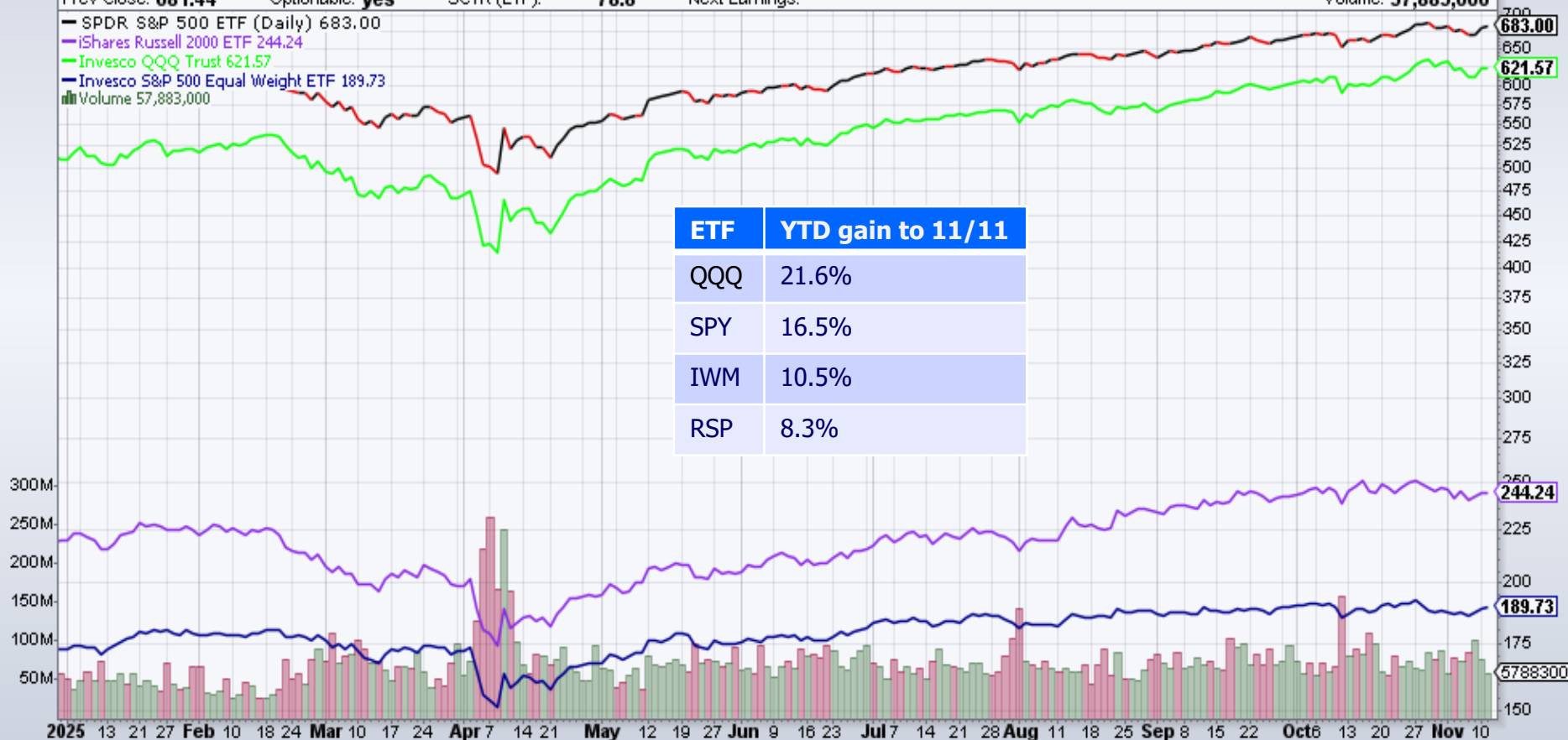
© StockCharts.com

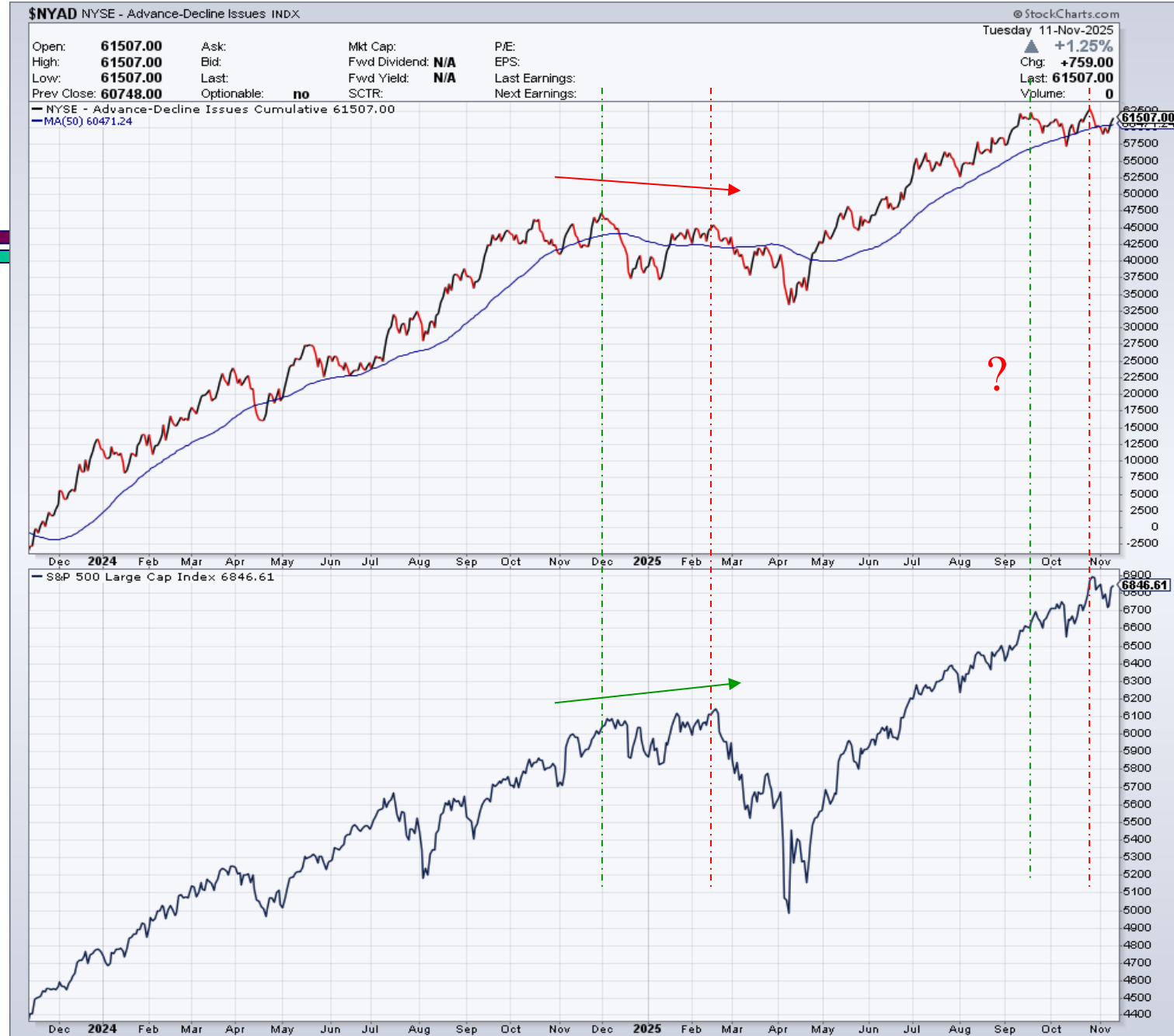
Open: **679.95** Ask: Mkt Cap: **704.9B** P/E: **16.79**
 High: **683.57** Bid: Fwd Dividend: **7.32446** EPS: **40.69**
 Low: **678.73** Last: Fwd Yield: **1.07%** Last Earnings:
 Prev Close: **681.44** Optionable: **yes** SCTR (ETF): **78.8** Next Earnings:

Tuesday 11-Nov-2025
 ▲ **+0.23%**
 Chg: **+1.56**
 Last: **683.00**
 Volume: **57,883,000**

— SPDR S&P 500 ETF (Daily) 683.00
 — iShares Russell 2000 ETF 244.24
 — Invesco QQQ Trust 621.57
 — Invesco S&P 500 Equal Weight ETF 189.73
 ■ Volume 57,883,000

ETF	YTD gain to 11/11
QQQ	21.6%
SPY	16.5%
IWM	10.5%
RSP	8.3%





US govt bonds – TLT & SGOV

SGOV = Short term 0 to 3 month US treasuries

TLT iShares 20+ Year Treasury Bond ETF Nasdaq GM

© StockCharts.com

Open: **89.95** Ask: Mkt Cap: **50.2B** P/E: **38.50**
High: **90.07** Bid: Fwd Dividend: **3.9015** EPS: **2.34**
Low: **89.78** Last: Fwd Yield: **4.34%** Last Earnings: **2009-05-07**
Prev Close: **89.55** Optionable: **yes** SCTR (ETF): **31.2** Next Earnings:

Tuesday 11-Nov-2025

▲ **+0.46%**

Chg: **+0.41**

Last: **89.96**

Volume: **17,379,616**

— iShares 20+ Year Treasury Bond ETF (Daily) 89.96

— iShares 0-3 Month Treasury Bond ETF 100.48

Volume 17,379,616

NOTE: This is only a 5 year chart
vs. the 20 yr chart normally shown



U.S. Dollar

\$USD US Dollar - Cash Settle FOREX

© StockCharts.com

Tuesday 11-Nov-2025 10:25 pm

Open: 99.63	Ask:	Mkt Cap:	P/E:
High: 99.74	Bid:	Fwd Dividend: N/A	EPS:
Low: 99.29	Last:	Fwd Yield: N/A	Last Earnings:
Prev Close: 99.60	Optionable: no	SCTR:	Next Earnings:

▼ **-0.16%**
Chg: **-0.15**
Last: **99.45**
Volume: **0**

— US Dollar - Cash Settle (Weekly) 99.45

— MA(50) 101.56

■ Volume undef



Weekly Market direction

guywerner@verizon.net

COLUMNS C,D,E BY DAVE (IN THE NORTH) SMITH			DIST DAYS		DOW AVERAGE						S&P 500 TRIPLE SCREEN						NASDAQ TRIPLE SCREEN					
	DATE	MARKET PULSE (IBD)	S&P 500	NASDAQ	-20 EM	MACD	RSI	CLOSING	Δ	%CHANGE	-20 EM	MACD	RSI	CLOSING	Δ	%CHANGE	-20 EM	MACD	RSI	CLOSING	Δ	%CHANGE
SAT	10/25/25	FOR THE WEEK							1,017	2.20%					127	1.91%					525	2.31%
SUN	10/26/25	YTD							4,663	10.96%					910	15.47%					3,894	20.17%
MON	10/27/25	CONFIRMED UP (60% -80%)	6	3	P	P	P	47,544	337	0.71%	P	P	P	6,875	84	1.24%	P	P	P	23,637	433	1.87%
TUE	10/28/25	CONFIRMED UP (60% -80%)	6	1	P	P	P	47,706	162	0.34%	P	P	P	6,890	15	0.22%	P	P	P	23,827	190	0.80%
WED	10/29/25	UPTREND UNDER PRESSURE (40% - 60%)	6	-	P	P	P	47,632	-74	-0.16%	P	P	P	6,890	0	0.00%	P	P	P	23,958	131	0.55%
THUR	10/30/25	UPTREND UNDER PRESSURE (40% - 60%)	5	1	P	P	P	47,522	-110	-0.23%	P	P	P	6,822	-68	-0.99%	P	P	P	23,581	-377	-1.57%
FRI	10/31/25	CONFIRMED UP (80% -100%)	5	1	P	P	P	47,562	40	0.08%	P	P	P	6,840	18	0.26%	P	P	P	23,724	143	0.61%
SAT	11/01/25	FOR THE WEEK							355	0.75%					49	0.72%					520	2.24%
SUN	11/02/25	YTD							5,018	11.79%					959	16.31%					4,414	22.86%
MON	11/03/25	CONFIRMED UP (80% -100%)	5	1	P	P	P	47,336	-226	-0.48%	P	P	P	6,851	11	0.16%	P	P	P	23,834	110	0.46%
TUE	11/04/25	CONFIRMED UP (80% -100%)	5	1	P	P	P	47,084	-252	-0.53%	P	0	P	6,771	-80	-1.17%	P	P	P	23,348	-486	-2.04%
WED	11/05/25	CONFIRMED UP (80% -100%)	5	1	P	P	P	47,311	227	0.48%	P	F	P	6,796	25	0.37%	P	P	P	23,499	151	0.65%
THUR	11/06/25	CONFIRMED UP (60% -80%)	7	2	P	F	P	46,912	-399	-0.84%	P	F	F	6,720	-76	-1.12%	P	F	F	23,053	-446	-1.90%
FRI	11/07/25	CONFIRMED UP (60% -80%)	6	2	P	F	P	46,987	75	0.16%	P	F	F	6,728	8	0.12%	P	F	F	23,004	-49	-0.21%
SAT	11/08/25	FOR THE WEEK							-575	-1.21%					-112	-1.64%					-720	-3.03%
SUN	11/09/25	YTD							4,443	10.44%					847	14.40%					3,694	19.13%
MON	11/10/25	CONFIRMED UP (60% -80%) DEMS CAVED	6	2	P	F	P	47,368	381	0.81%	P	F	P	6,832	104	1.55%	P	F	P	23,527	523	2.27%
TUE	11/11/25	CONFIRMED UP (60% -80%)			P	0	P	47,927	559	1.18%	P	F	P	6,846	14	0.20%	P	F	P	23,468	-59	-0.25%

Twelveth Class – Nov. 19th

- Market Update
- Asset Allocation
- Questions

Thanks !!

- Happy Investing !!

- **My EMail**

 - diyinvst@udel.edu

- **Class website**

 - <http://udel.edu/~diyinvst>

Economic Outlook Robert Fry

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Osher Lifelong Learning Institute
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Wilmington, Delaware
November 12, 2025

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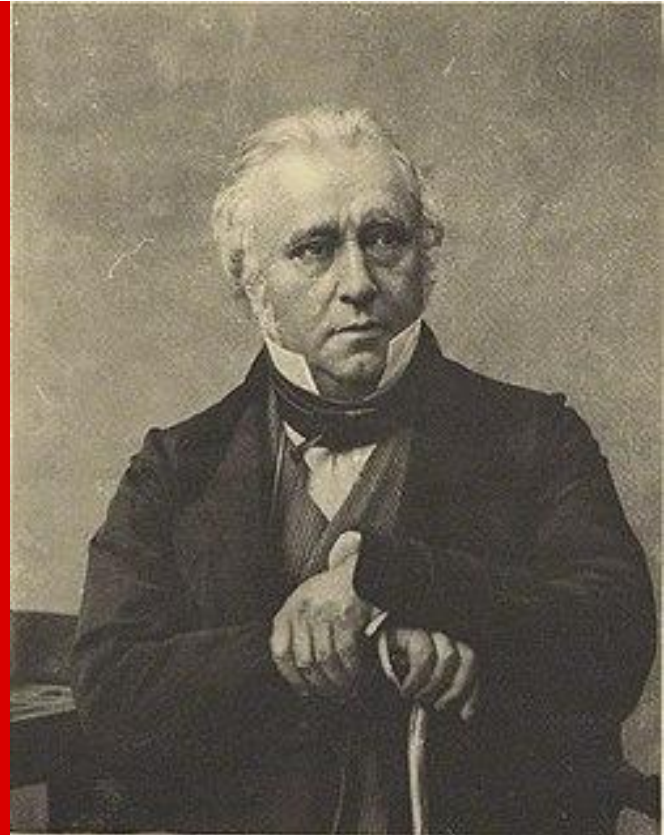
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**“Free trade, one of the
greatest blessings that a
government can confer on
a people, is unfortunately
in every country
unpopular.”**

**Thomas Babington McCauley
1800-1859**



**“I always say 'tariffs' is the
most beautiful word to me
in the dictionary.”**

Donald Trump
1946-



Timeline of Trump Tariff Actions

Won't fit on one slide

Figure 3. U.S Average Effective Tariff Rate Since January 1, 2025

Policy as of October 17, Pre-Substitution
Percent of goods import

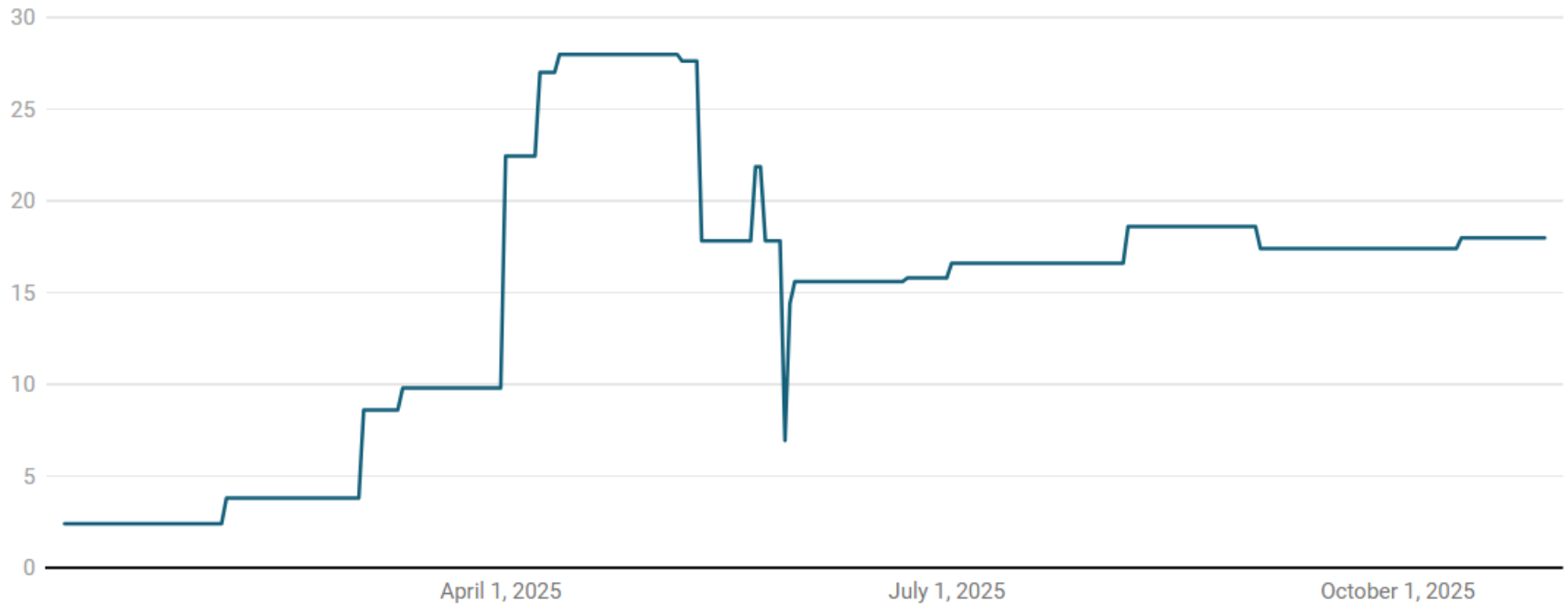


Chart: The Budget Lab • Source: The Budget Lab analysis. • Created with [Datawrapper](#)

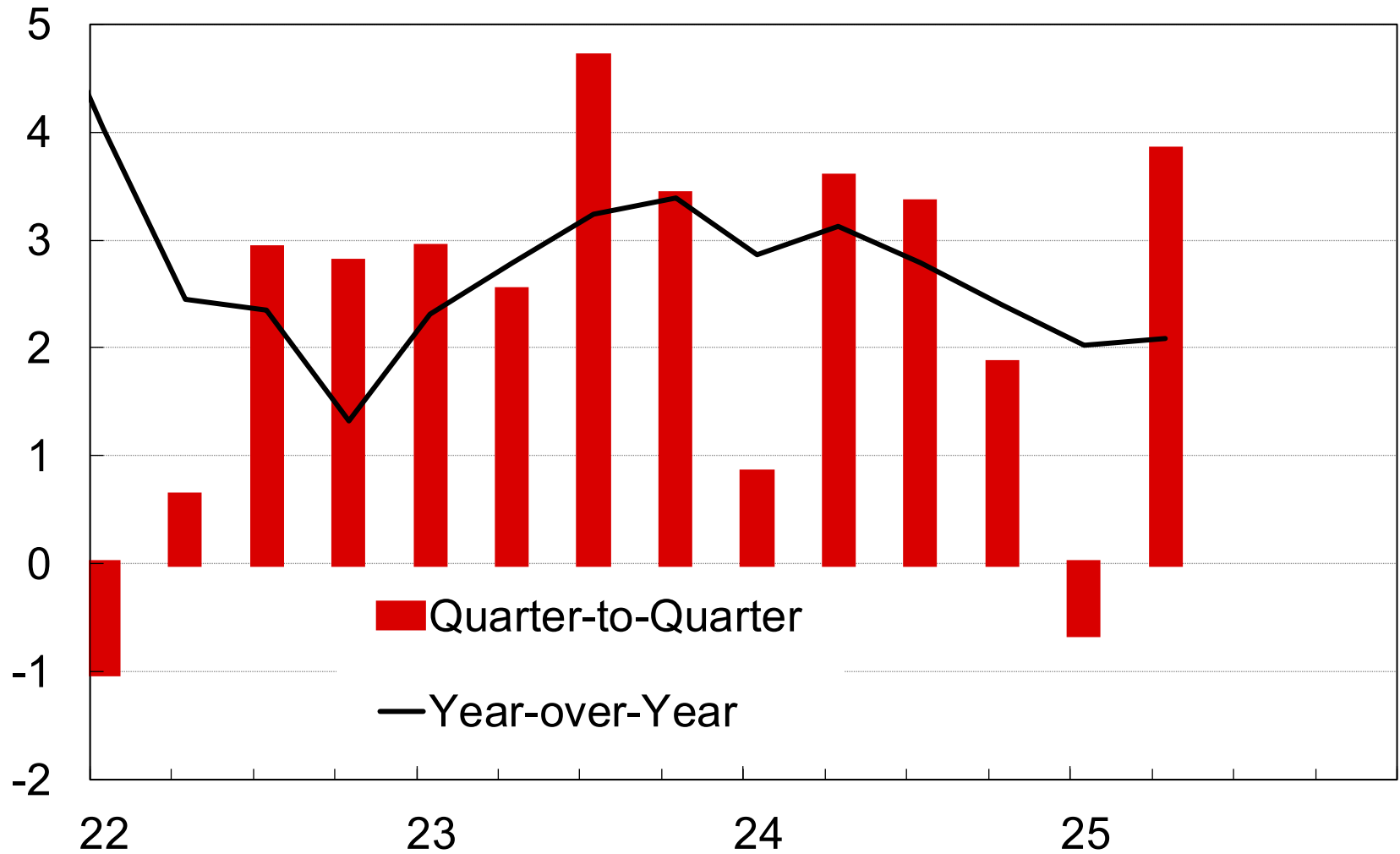
What We Expected from Tariffs

Tariffs, especially tariffs on inputs, are a negative supply shock (like an oil price hike).

Accordingly, tariffs were expected to raise prices (and MEASURED inflation in the short run) and reduce economic activity.

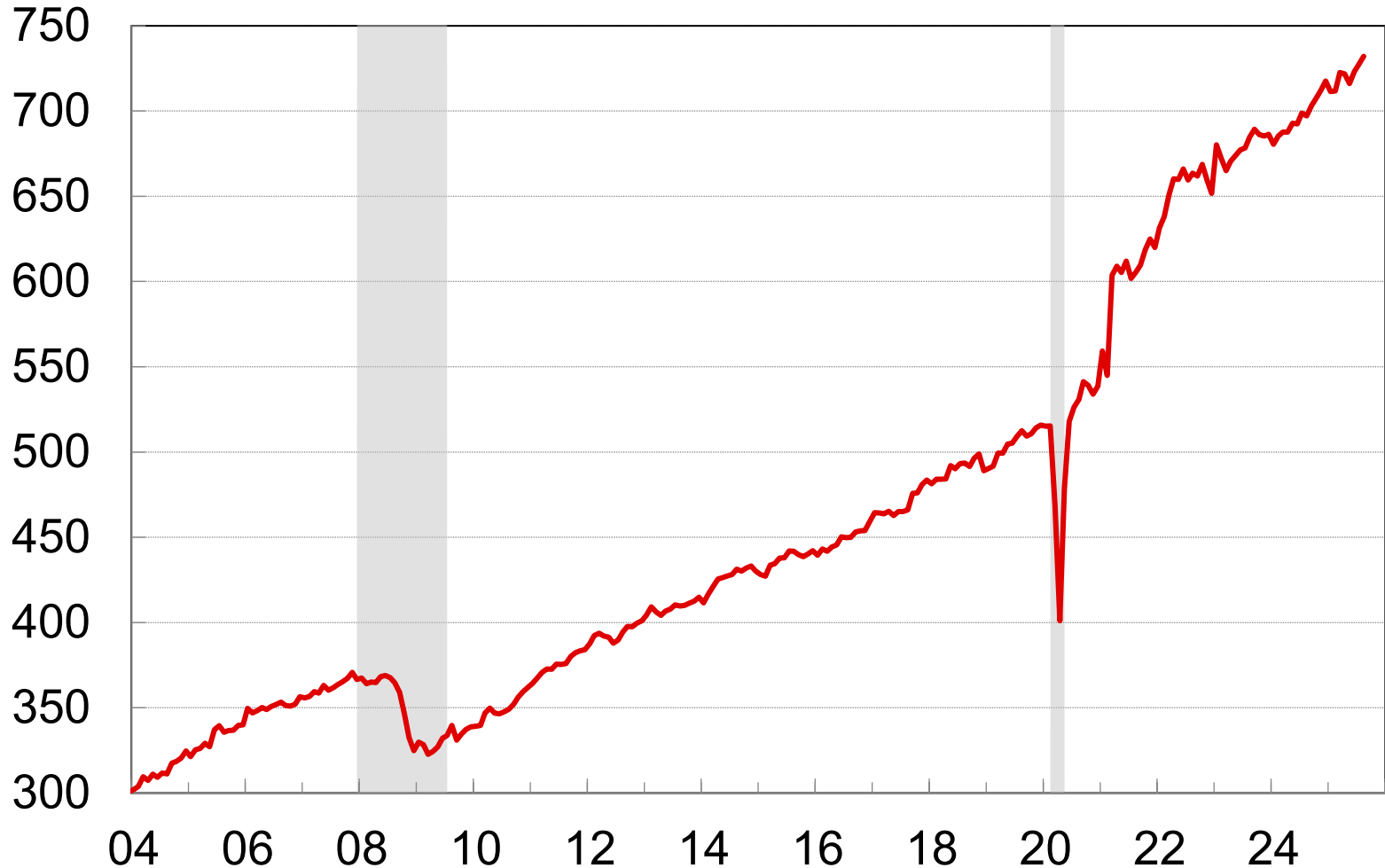
US Real Gross Domestic Product

Annualized Growth Rates



Retail Sales: Retail and Food Services

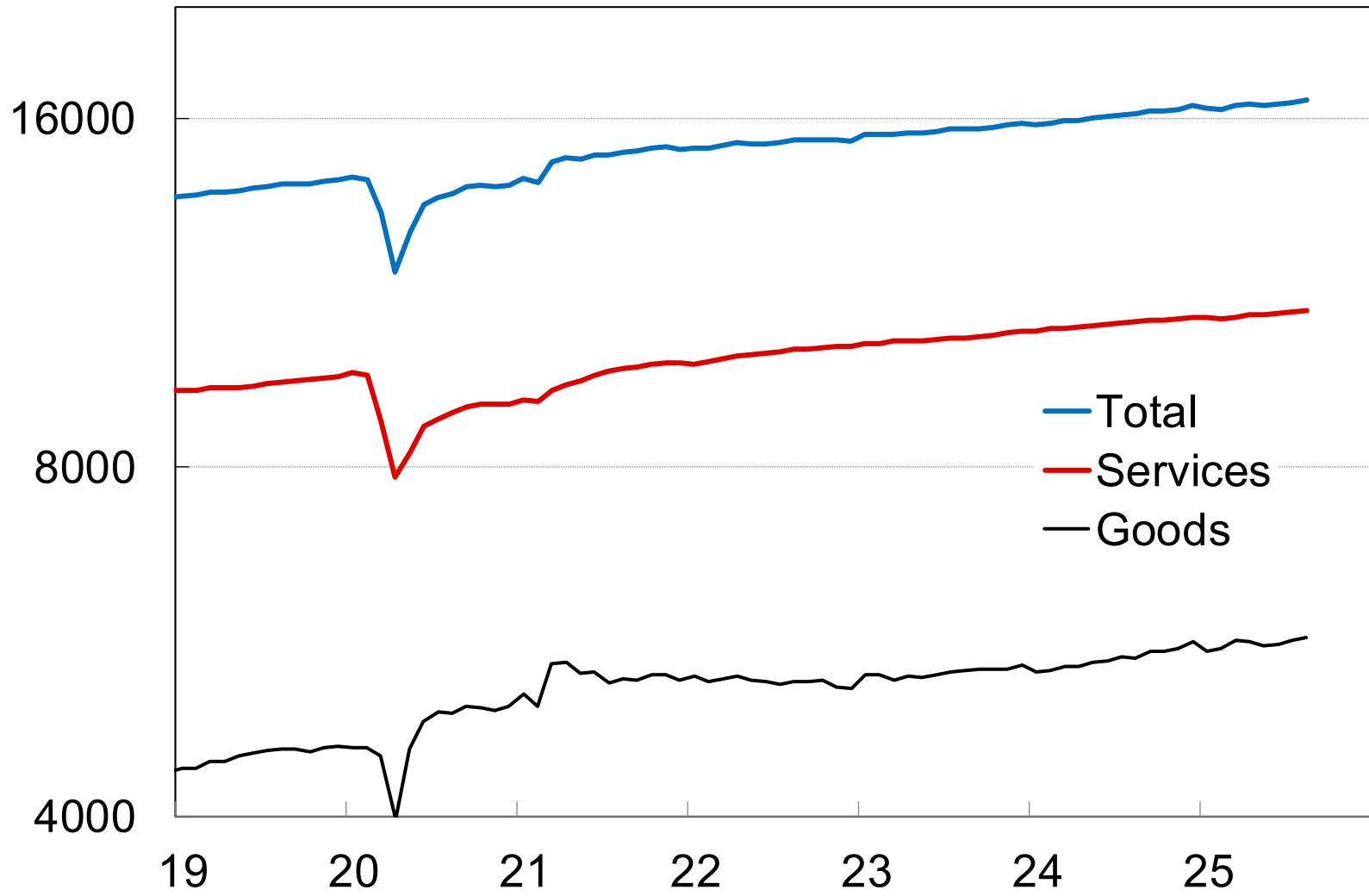
Billions of \$, Monthly, Seasonally Adjusted



Source: U.S. Census Bureau/FRED

US Real Personal Consumption Expenditures

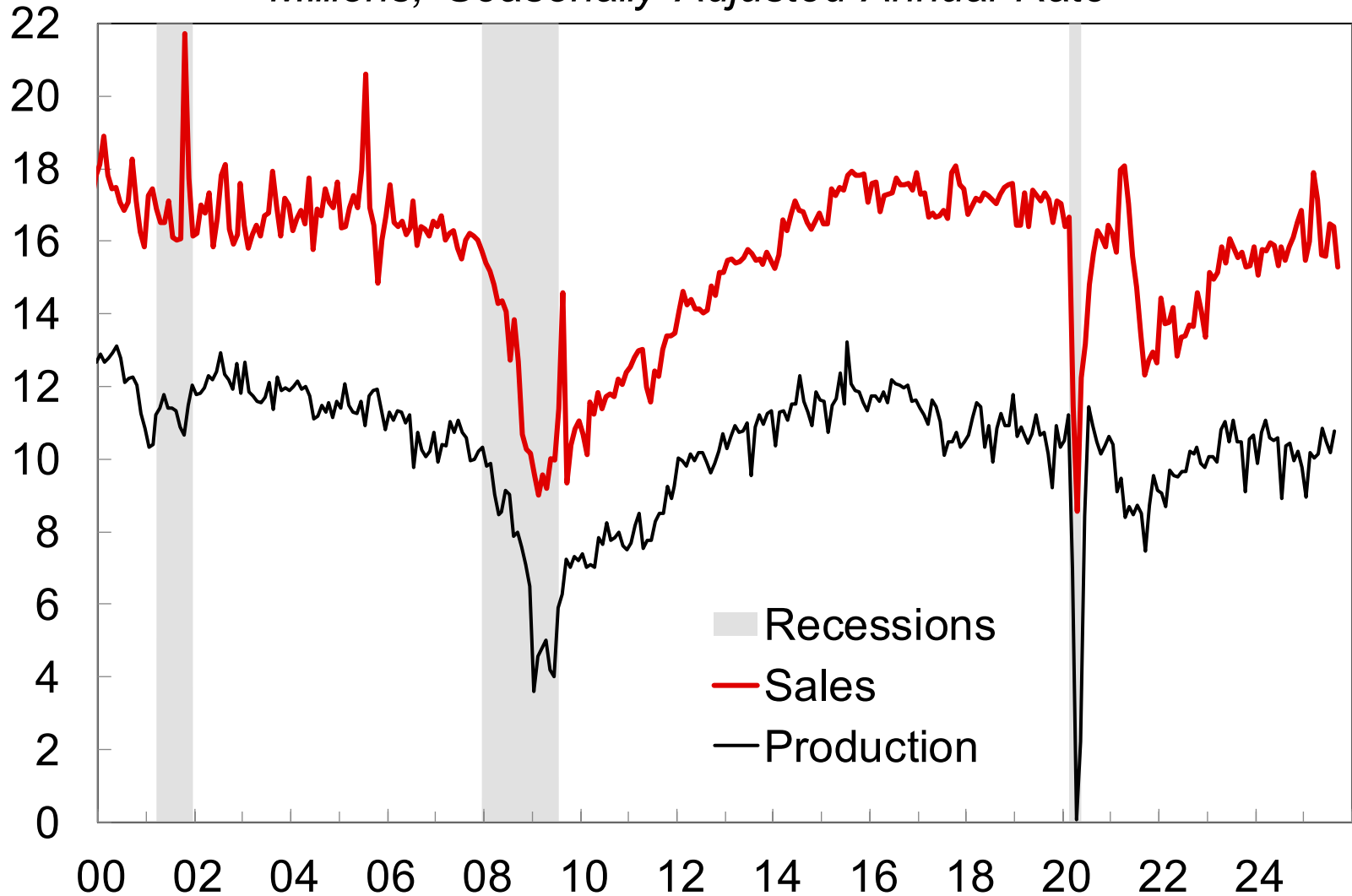
Billion 2017 \$, Seasonally Adjusted Annual Rates



Source: U.S. Bureau of Economic Analysis/FRED

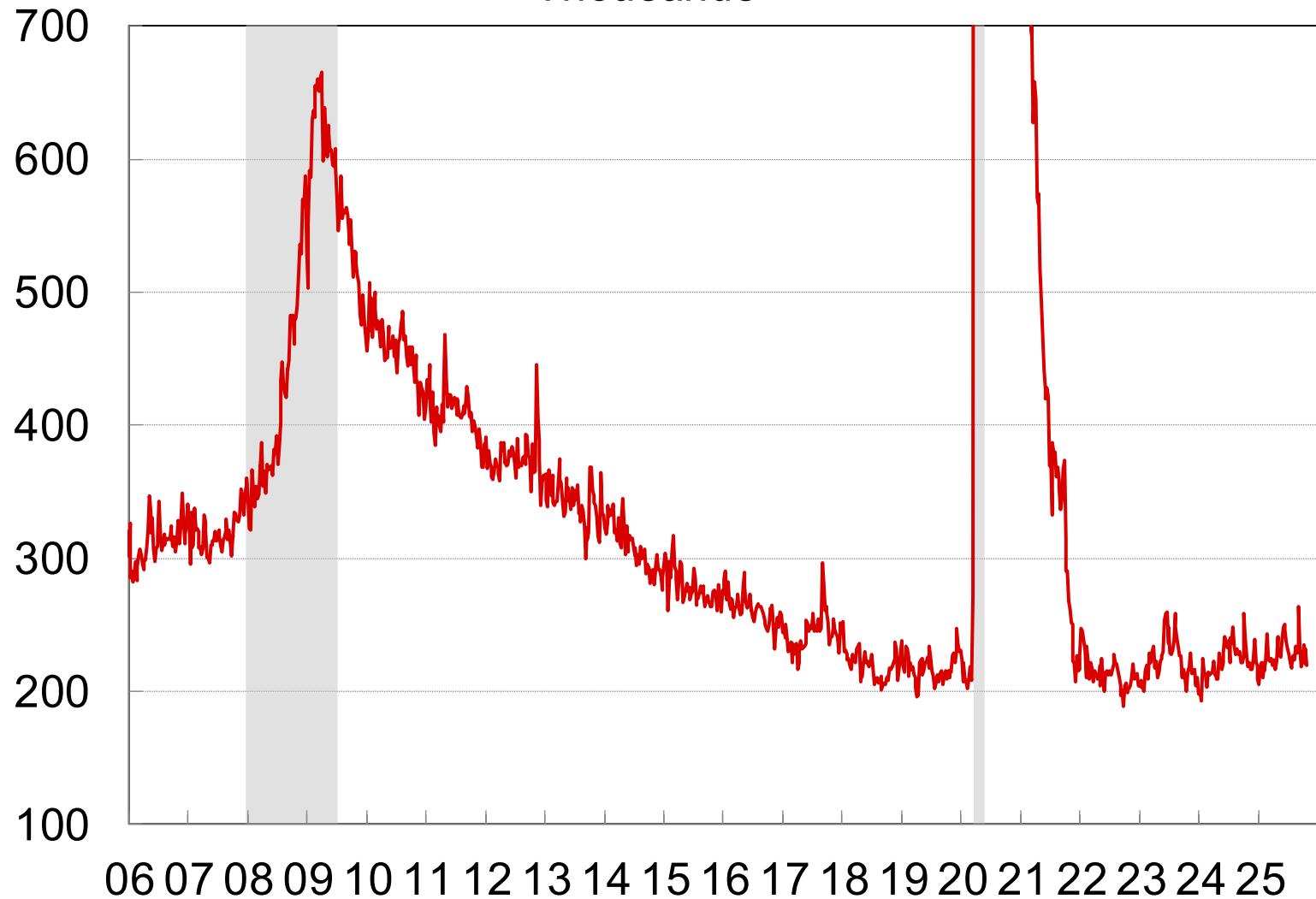
US Light Vehicle Sales & Production

Millions, Seasonally Adjusted Annual Rate



Initial Claims for Unemployment Insurance

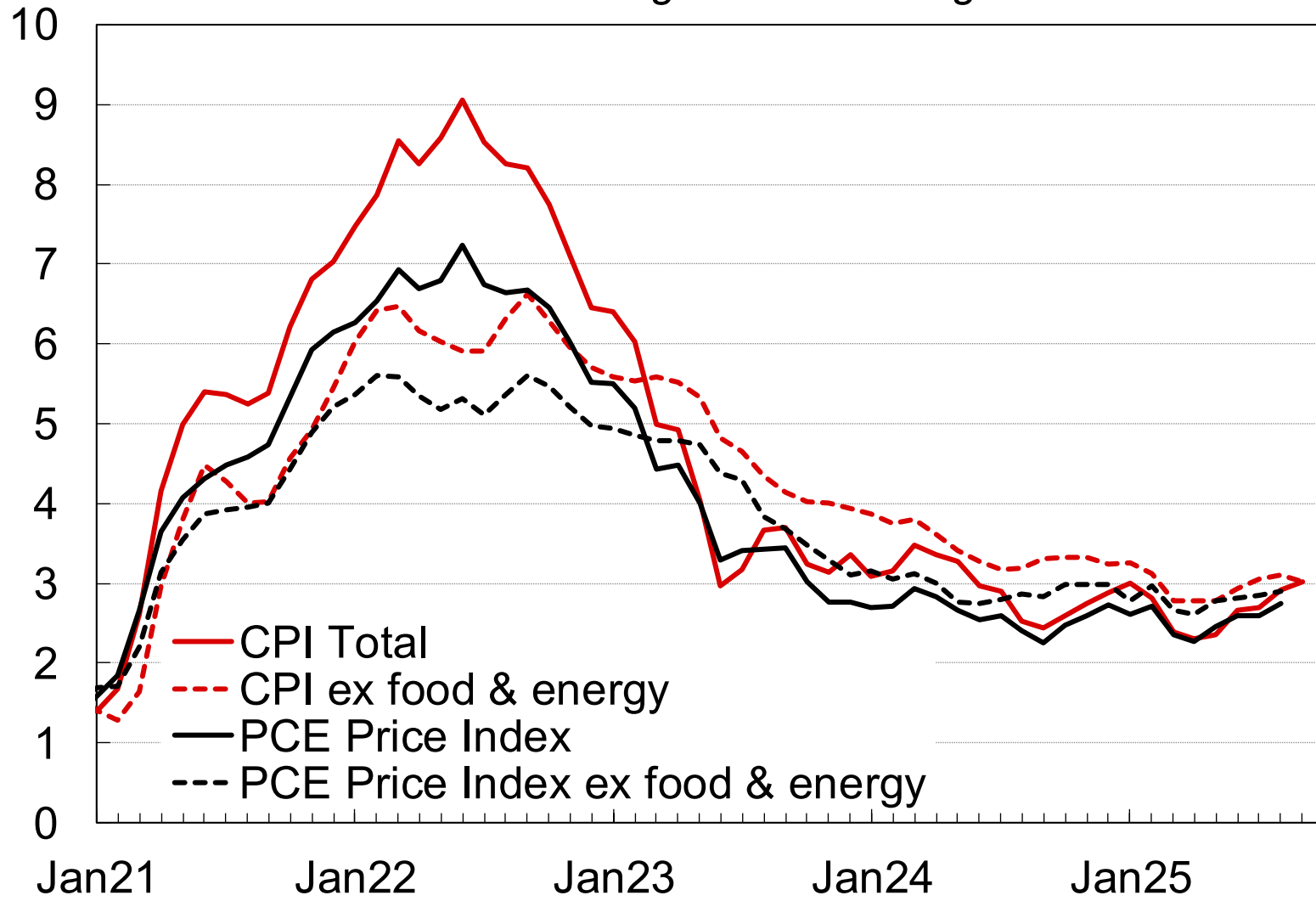
Thousands



Source: U.S. Employment and Training Administration/FRED

US Price Indexes

Percent Change from Year Ago



Source: U.S. Bureau of Labor Statistics/FRED

US economy continues to grow.

GDP grew at a 3.8% annual rate in the second quarter!

Retail sales (through August) indicate that consumers are still spending.

Initial claims for unemployment insurance are closer to 55-year lows than to recession levels.

Stock prices are at record highs.

Inflation has stopped declining, but there's no obvious widespread impact from tariffs.

Why haven't tariffs had a bigger impact?

Maybe the impact of tariffs is smaller than economists thought.

Maybe the negative impact of tariffs has been offset by the positive impact of deregulation and the One Big Beautiful Bill Act.

- Immediate expensing is by far the best part of the OBBBA.
- Even bad tax cuts boost growth in the short run.

Maybe the negative impact of tariffs has been offset by low oil prices.

- Wall Street and Washington always understate the importance of oil prices.

Maybe the lag from tariffs to their impact is longer than you think.

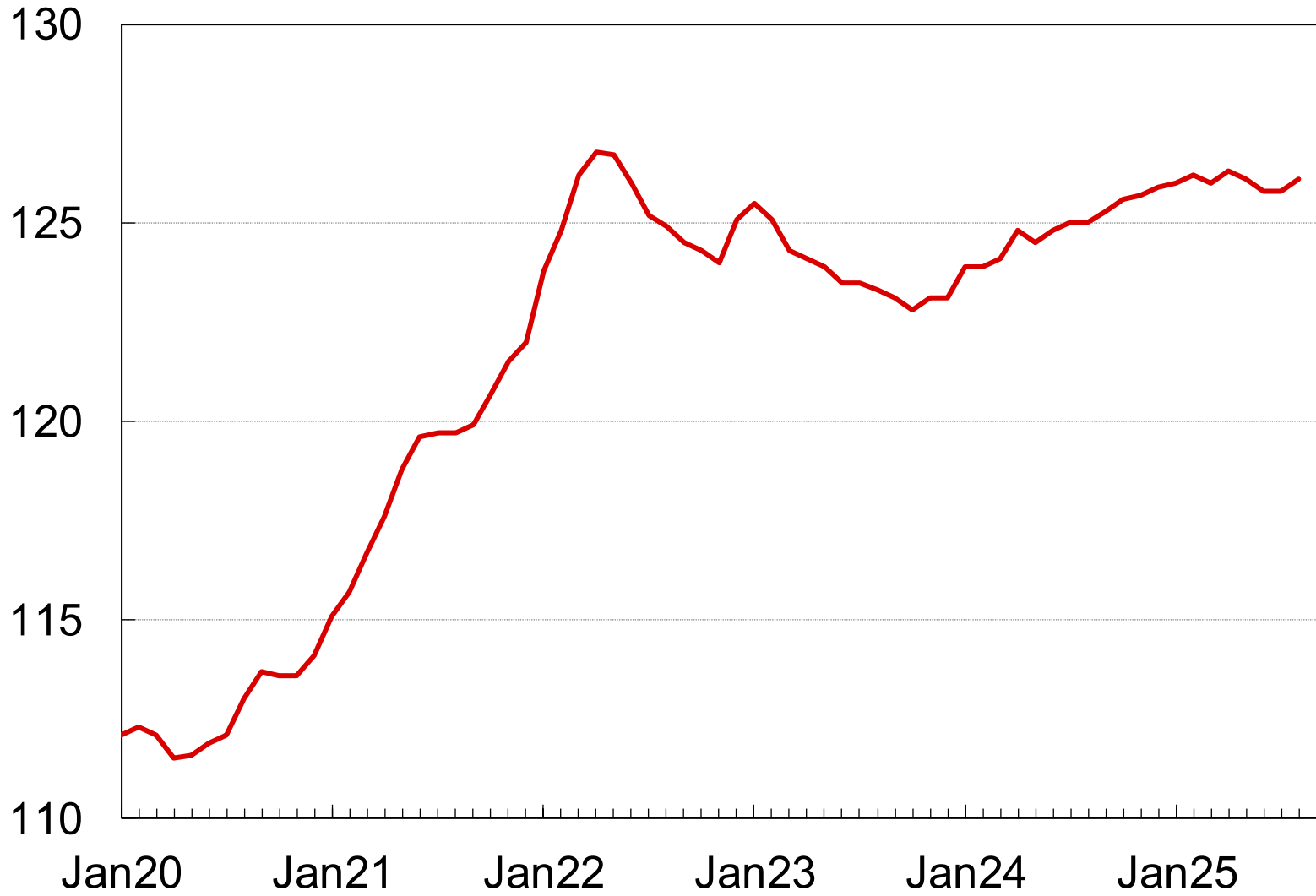
- Pre-tariff inventory build delayed impact.
- Lags are **always** longer than you think.

Maybe they have had an impact, but we don't see it.

- Impact might not show up until data are revised.
- Have we been cherry-picking the data?

Import Price Index: All Items Excluding Petroleum

2000 = 100



Source: U.S. Bureau of Labor Statistics/FRED

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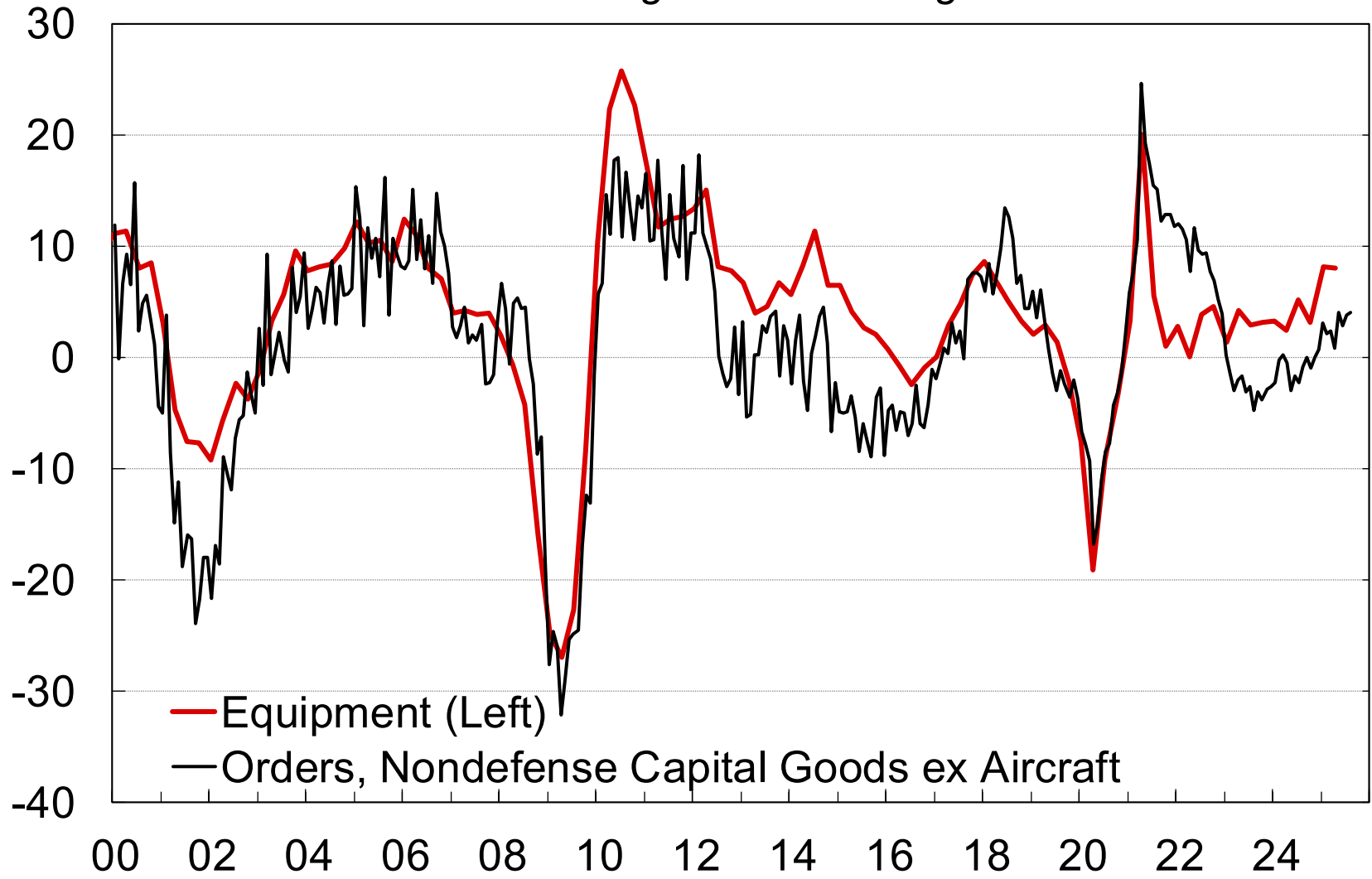
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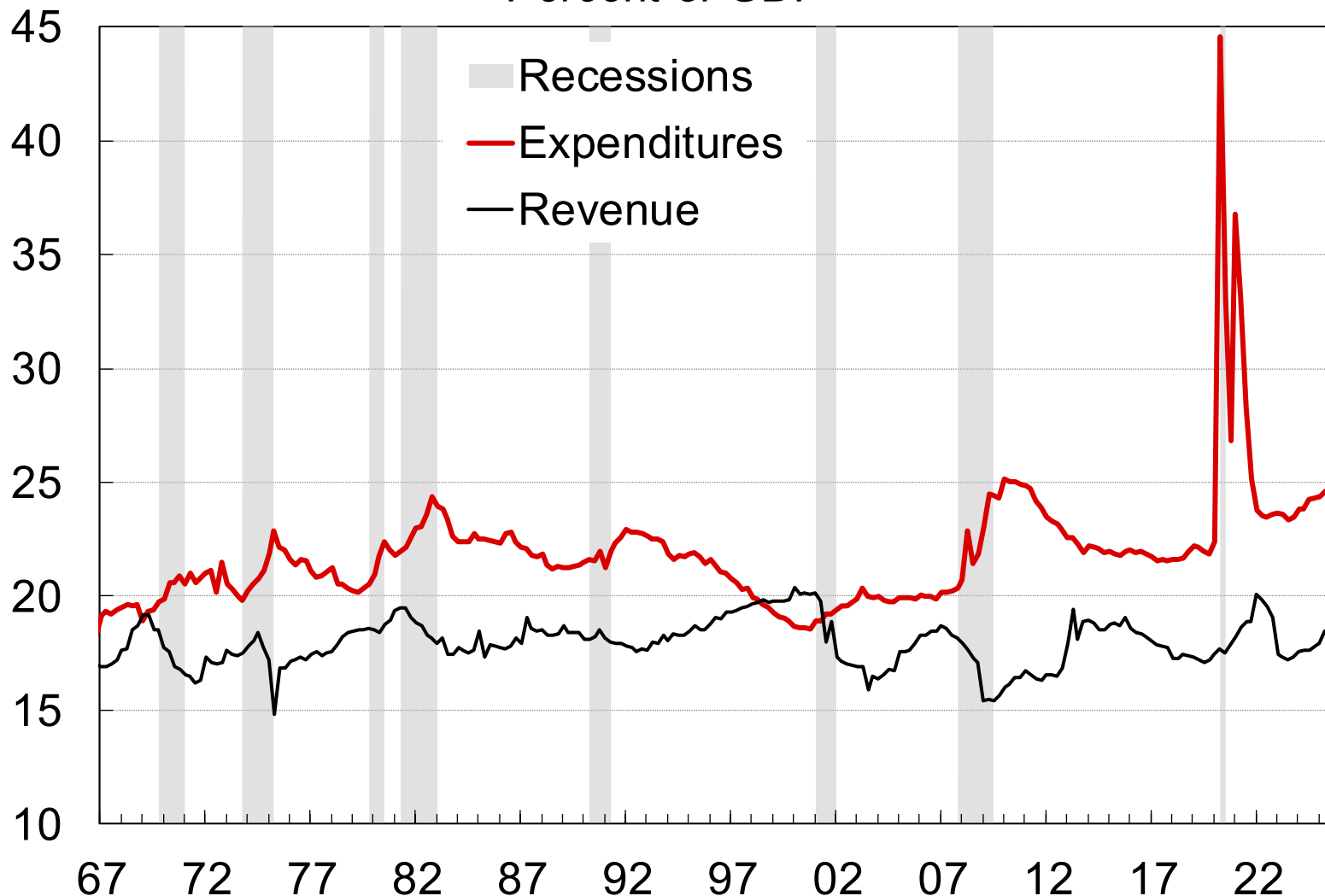
Real Investment in Equipment vs Capital Goods Orders

Percent Change from Year Ago



US Federal Govt Current Expenditures & Revenue

Percent of GDP



Source: U.S. Bureau of Economic Analysis/FRED

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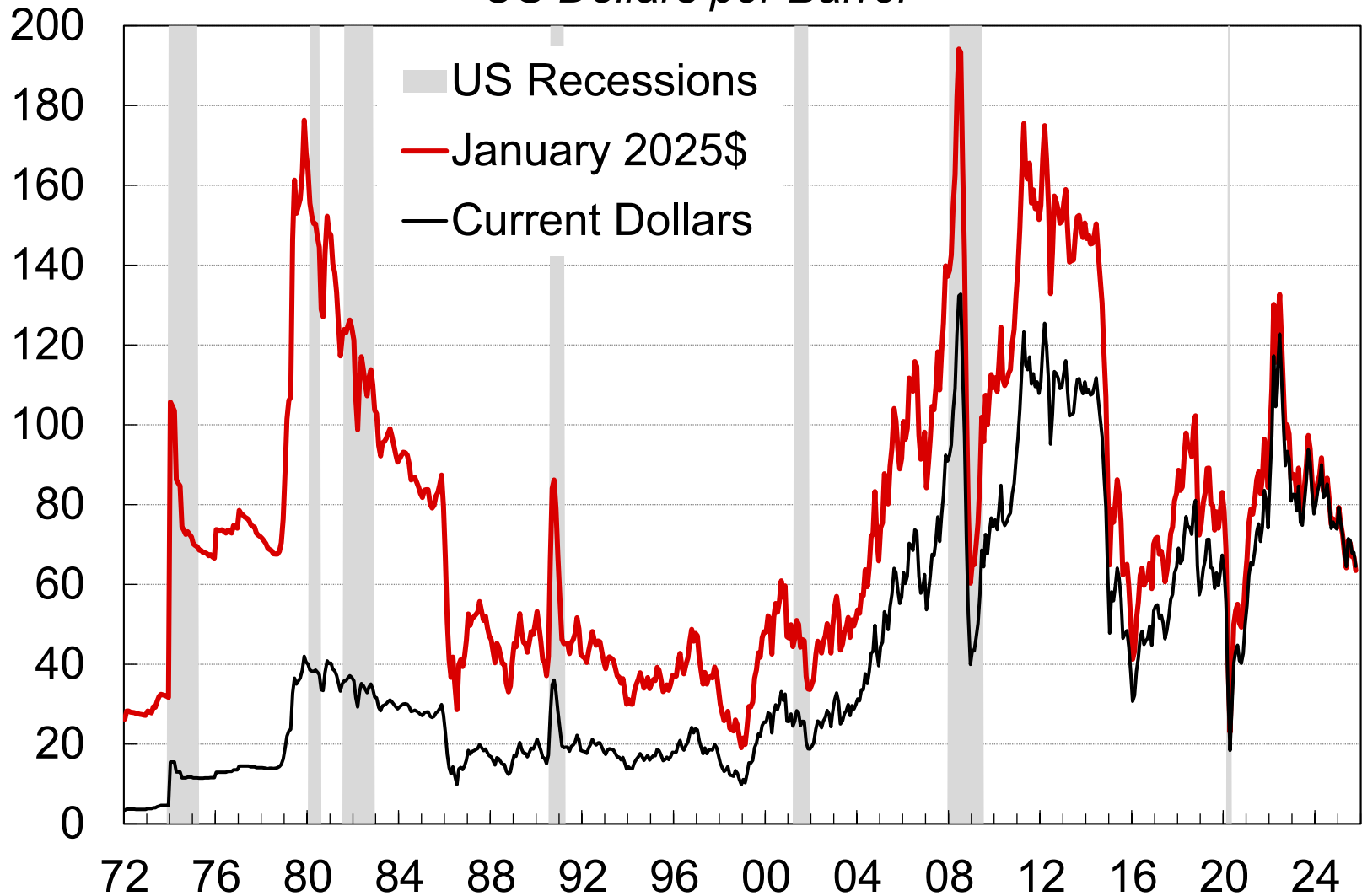
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Brent Blend Oil Price *US Dollars per Barrel*



US Regular Gasoline Price

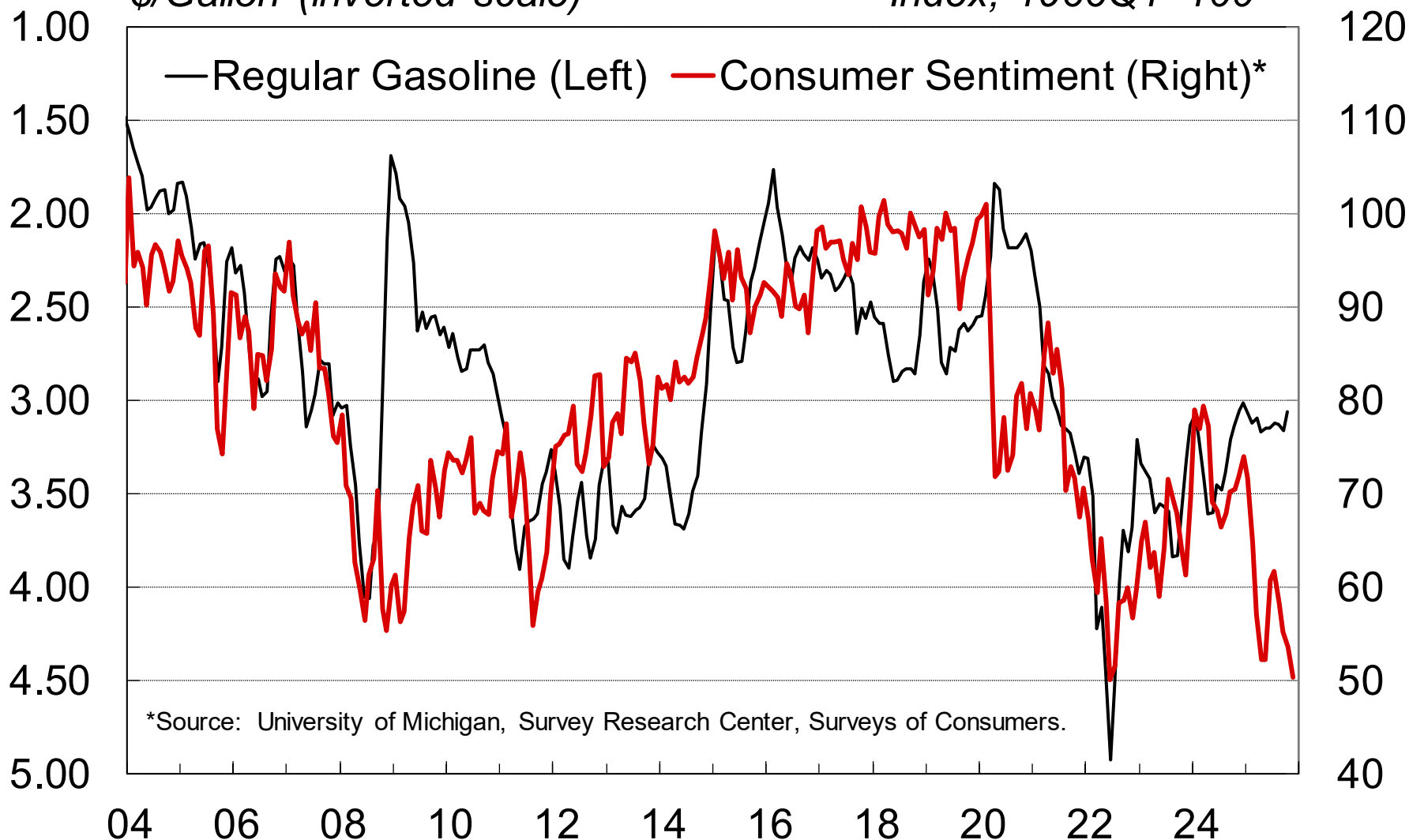
Dollars per gallon, Weekly data



Gasoline Price and Consumer Sentiment

\$/Gallon (inverted scale)

Index, 1966Q1=100



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“The crisis takes a much longer time coming than you think and then it happens much faster than you would have thought.”

Rudiger Dornbusch
1942-2002



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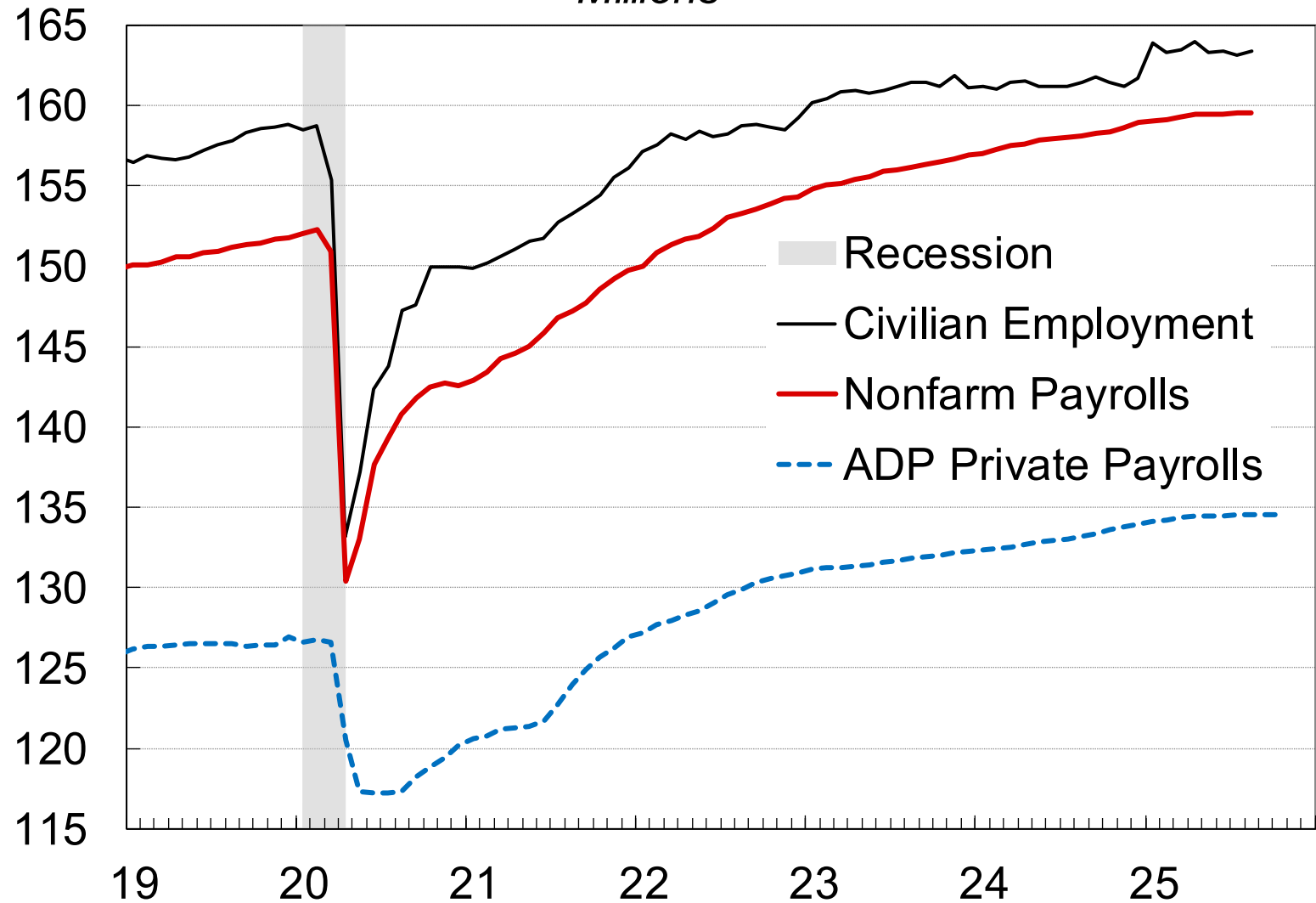
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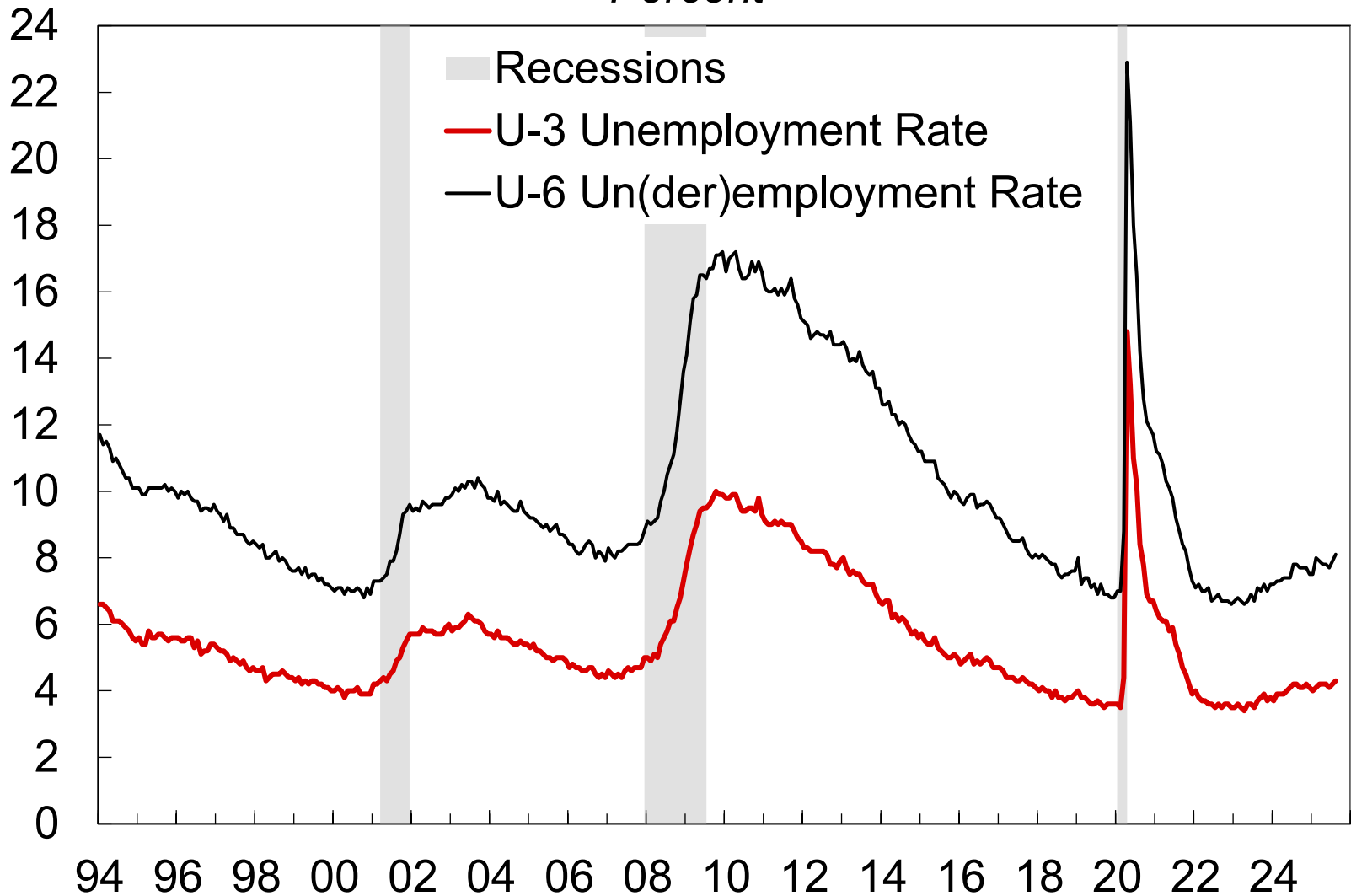
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US Employment *Millions*



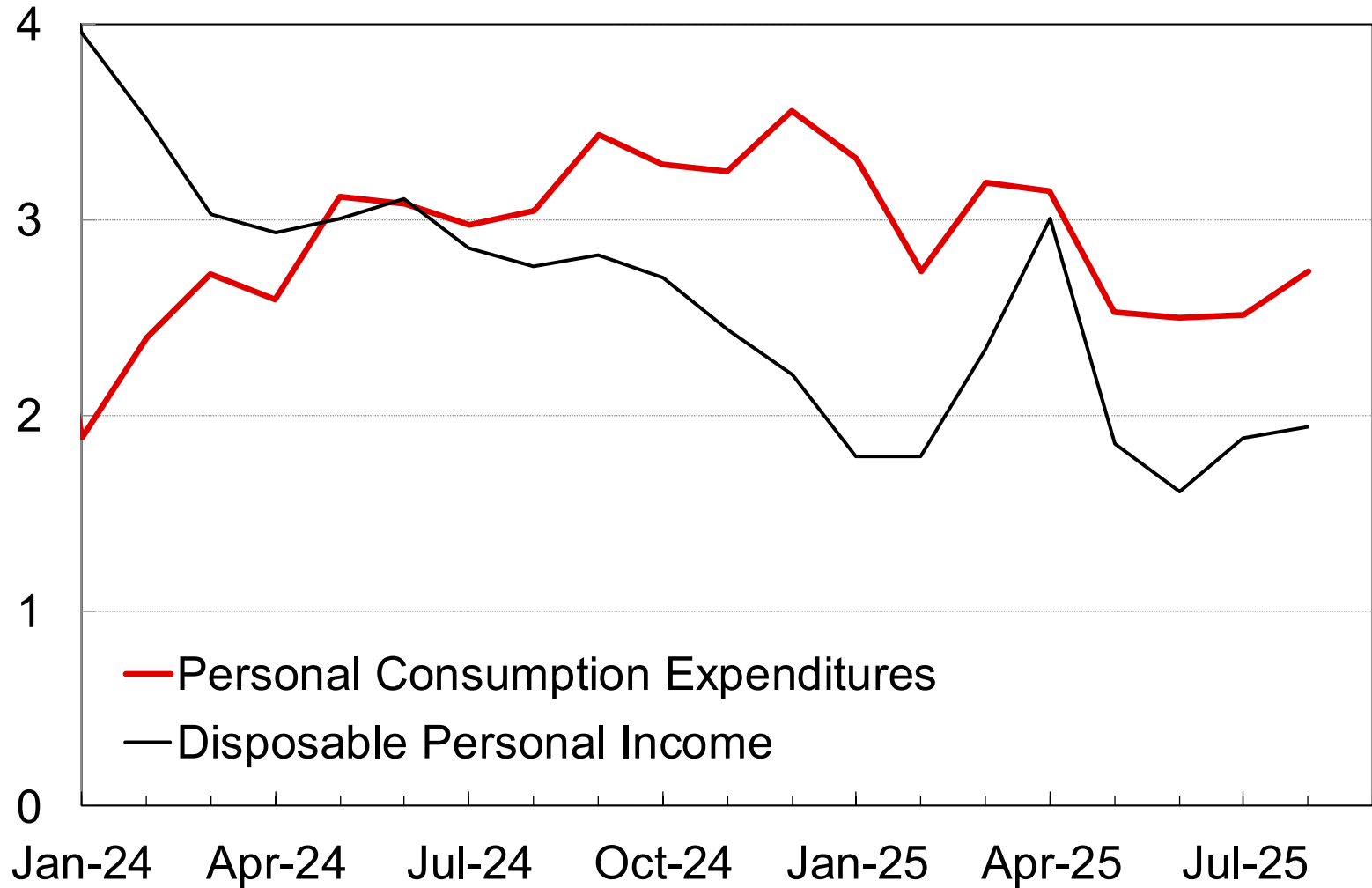
US Civilian Unemployment Rate

Percent



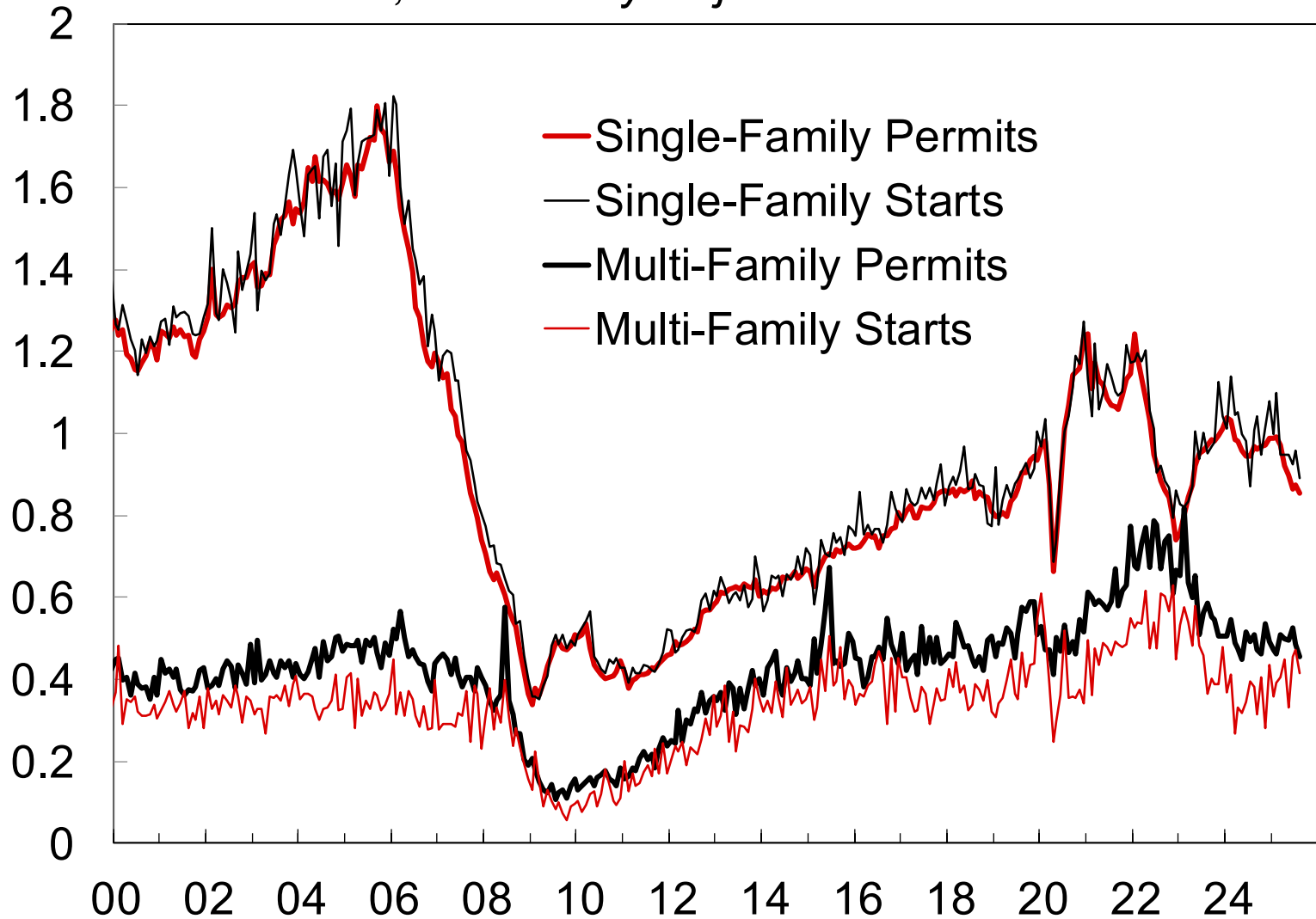
US Real Consumer Spending

Percent Change from Year Ago, Chained 2017 Dollars



US Housing Starts & Building Permits

Millions, Seasonally Adjusted Annual Rate



There are plenty of cracks in the economy.

Growth in nonfarm payrolls has slowed. Revisions make it more consistent with ADP. Expected revisions will slow 2024 growth.

Civilian employment has declined since January, reflecting reduced immigration.

Job openings have fallen below the number of unemployed for the first time since early 2021.

Growth in disposable income has slowed. The savings rate has fallen.

Housing market, a leading indicator, remains very weak.

The Fed's last two Beige Books, released September 3 and October 15, were very negative about the economy.

What should the Fed do?

Real interest rates are still high by historical standards. The Fed is still shrinking its balance sheet.

- The combination means monetary policy is restrictive.
- Housing market is being hit hard.

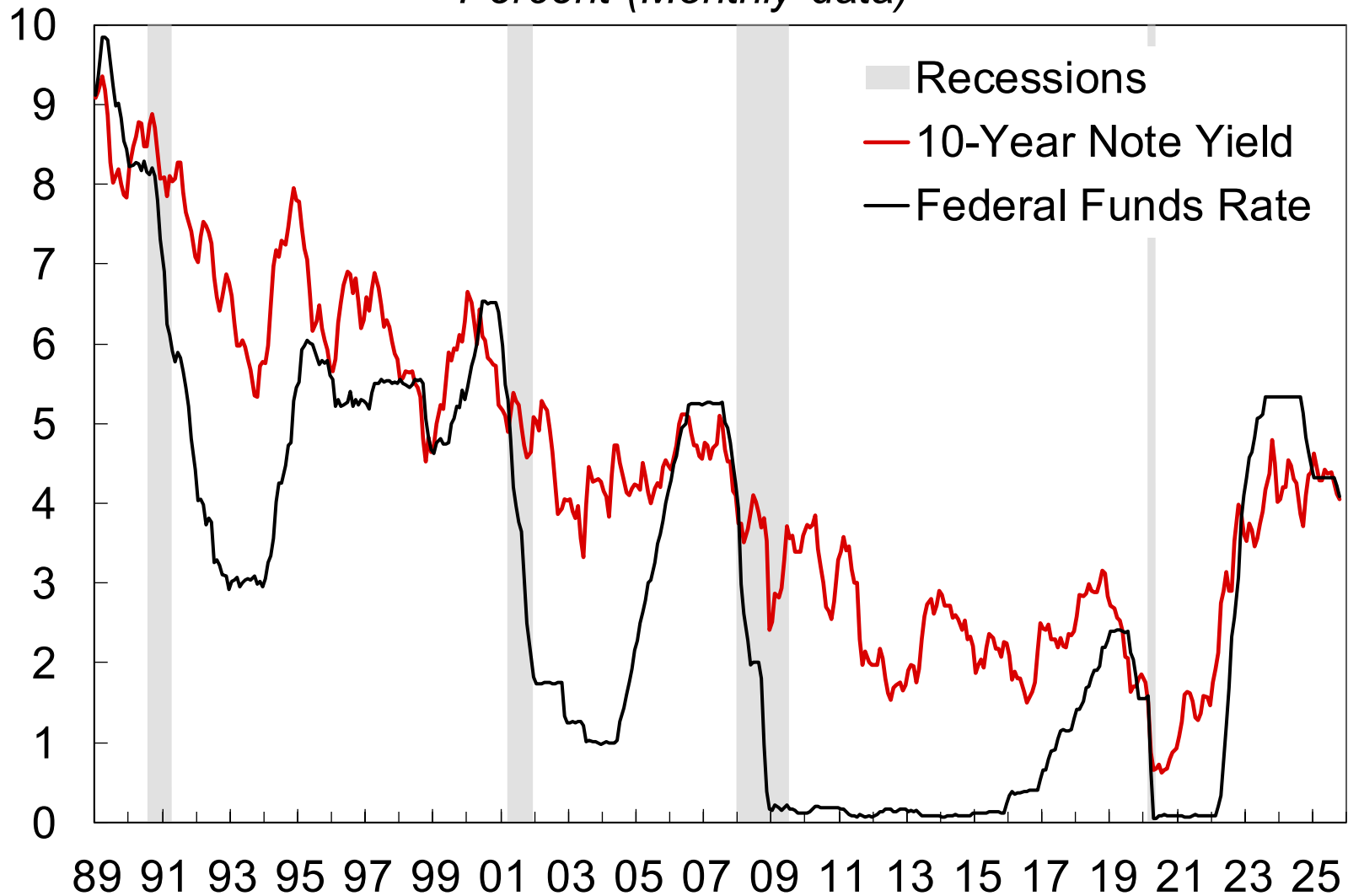
But inflation is still above the Fed's 2% target and no longer falling.

- That suggests policy **should** be restrictive.

Stock prices are at record highs.

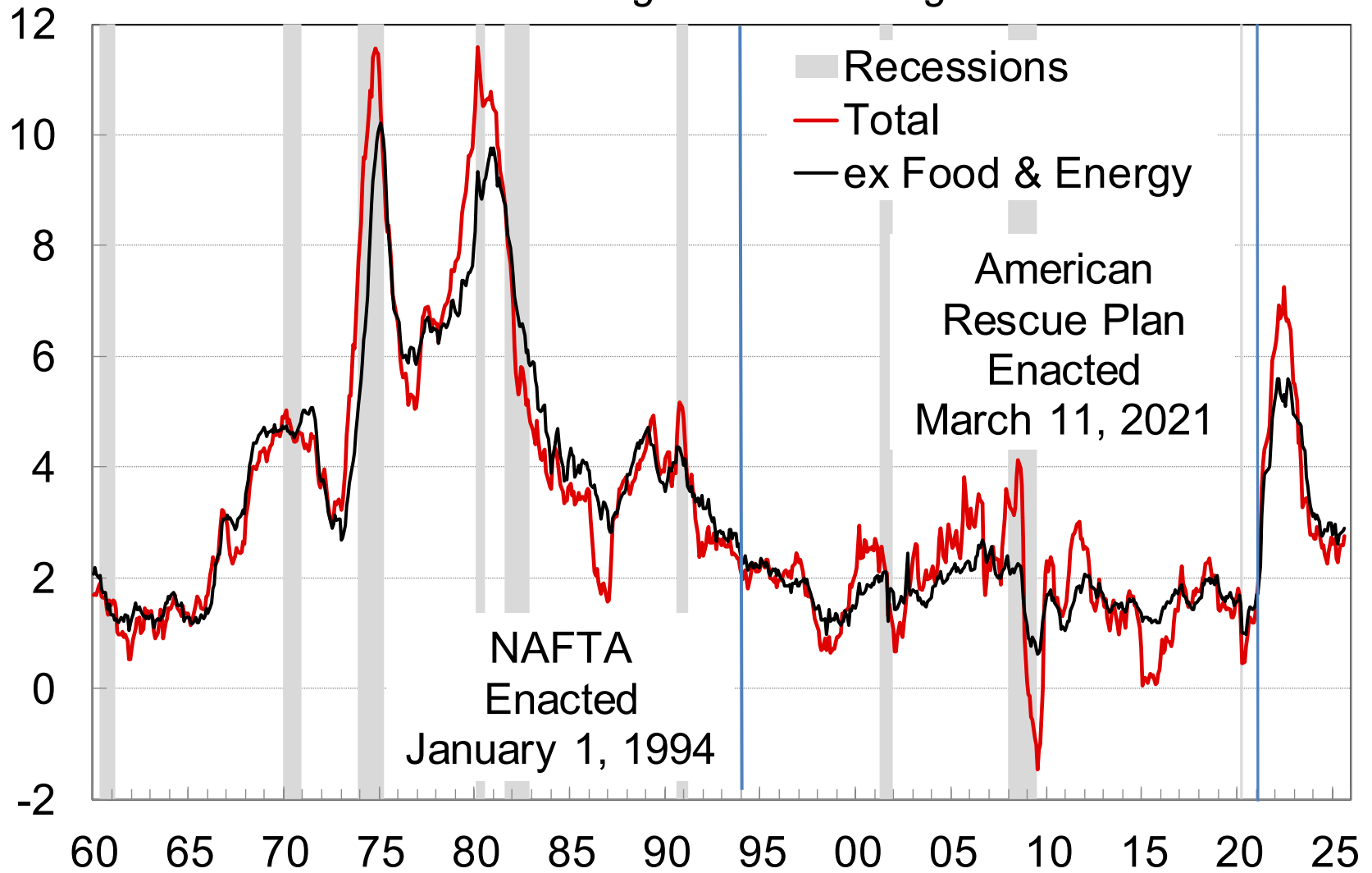
US Interest Rates

Percent (Monthly data)

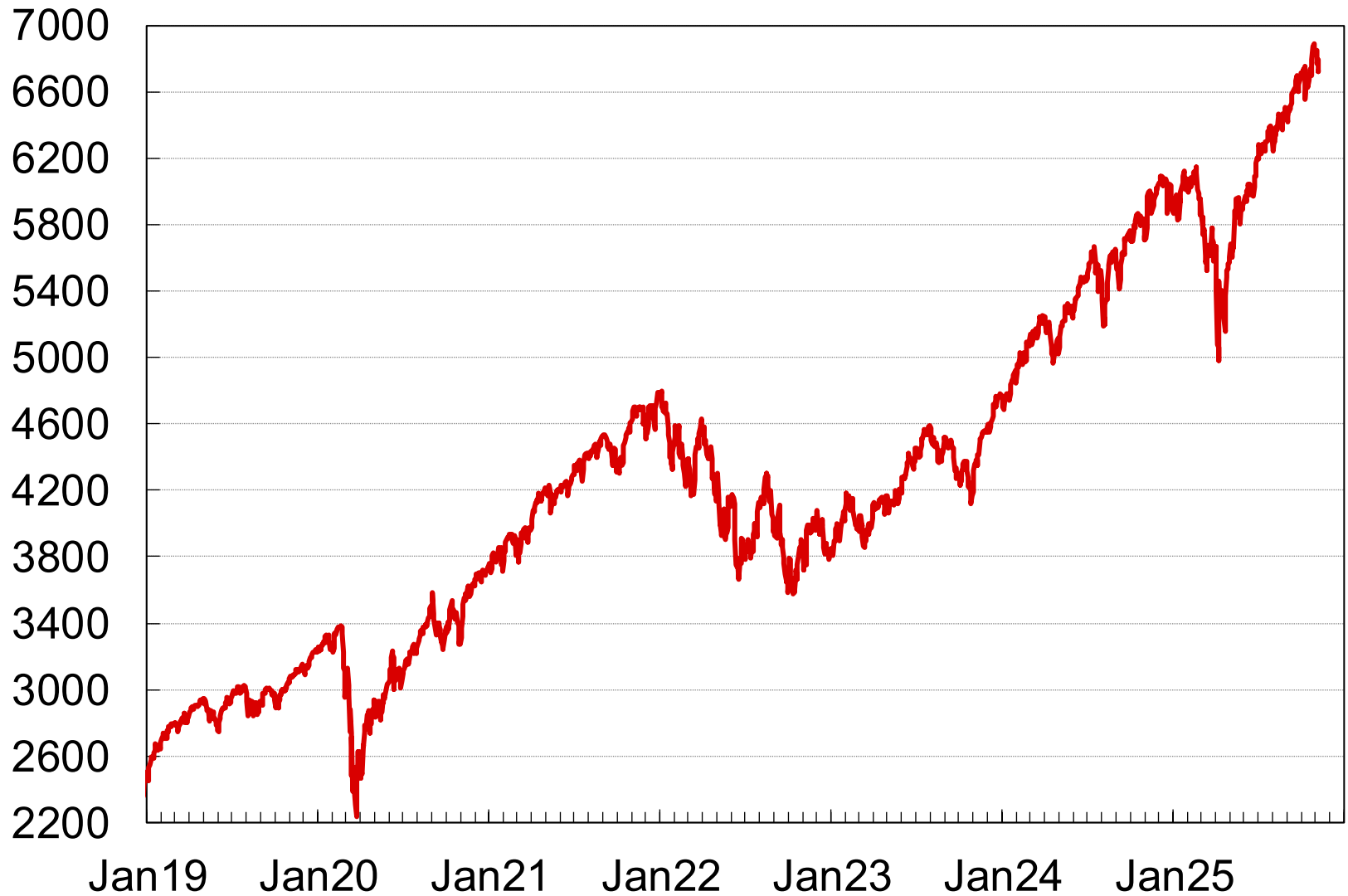


US Personal Consumption Expenditures Price Index

Percent Change from Year Ago



S&P 500 Stock Price Index



Source: S&P Dow Jones Indices LLC/FRED

What will the Fed do?

Fed cut its federal funds rate target by a quarter point in September and another quarter point in October.

Two more cuts are likely unless inflation rises & labor market firms.

Rate cuts might not result in lower mortgage rates.

- When Fed cut short-term interest rates in 2024, long-term interest rates rose.
- If that happens again, that's a signal to stop cutting rates.

There isn't much the Fed can do to address negative supply shocks.

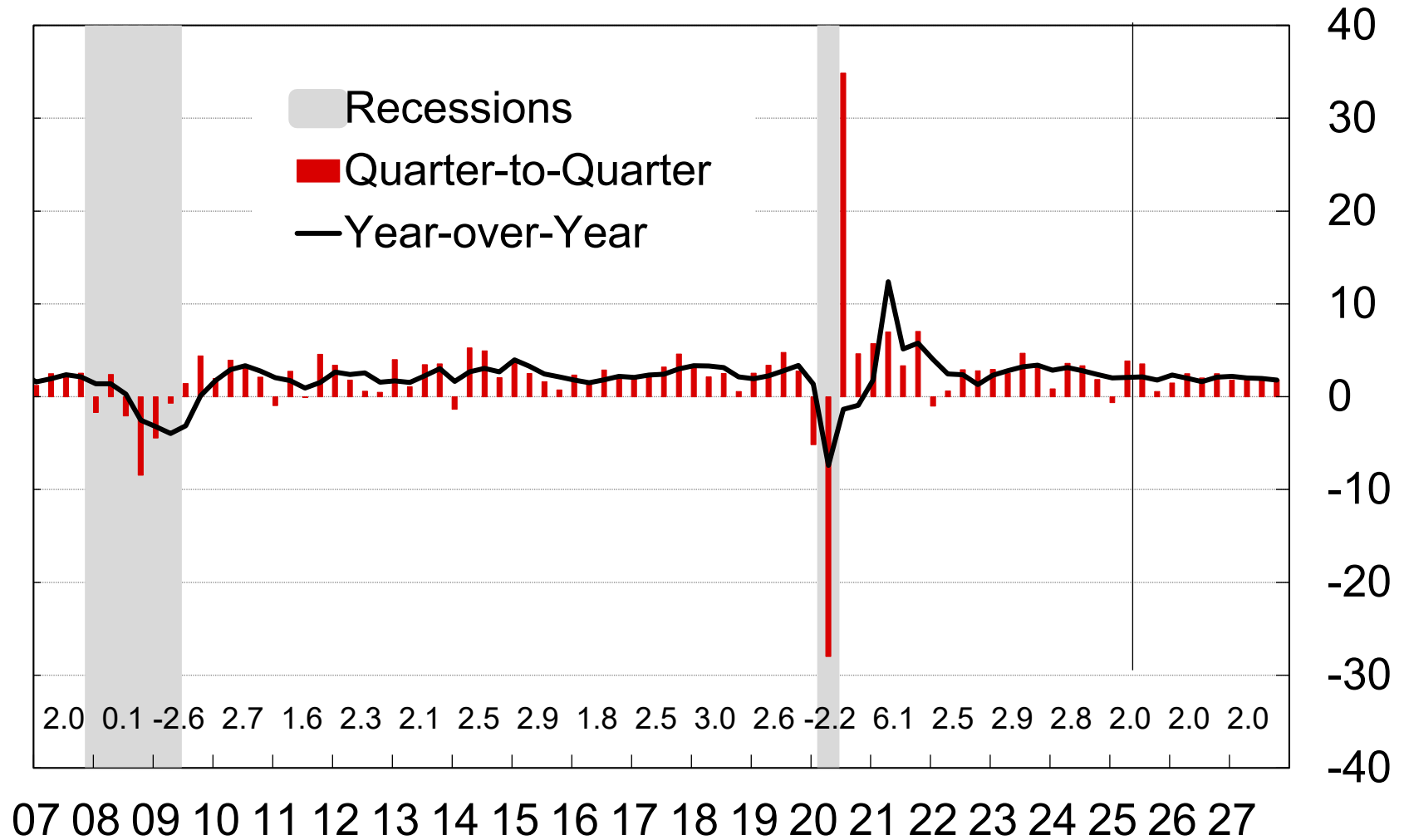
**“Prediction is very
difficult, especially
about the future.”**

**Niels Bohr, 1885-1962
Nobel Laureate, 1922**



US Real Gross Domestic Product

Annualized Growth Rates



US Macroeconomic Summary

Employment growth has slowed (more and earlier than we thought).

- Reduction in immigration has limited impact on unemployment.
- We're in a no-hire, no-fire economy.

Tariffs will temporarily boost MEASURED inflation.

Tariffs will have bigger impact on growth than on inflation.

- Slowing growth will put downward pressure on inflation.

Income growth has slowed; consumer spending will follow.

Growth will slow, but I hesitate to forecast a recession.

- “Once bitten, twice shy” after forecasting a recession that never came.

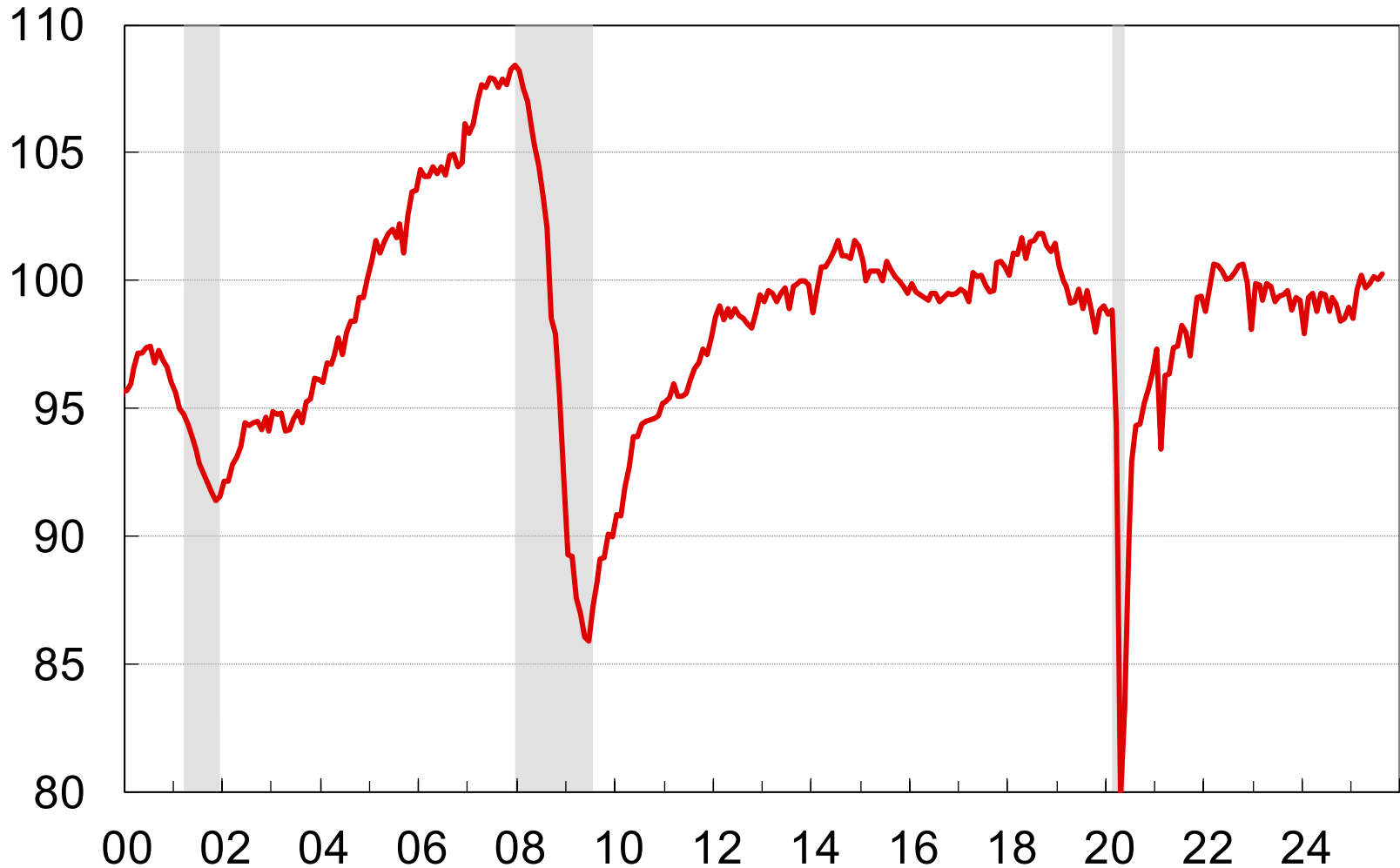
Uncertainty, the word of the year, remains elevated.

- Consider multiple scenarios. Don't rely on a point forecast.
- Government shutdown adds to uncertainty.

Industry Detail

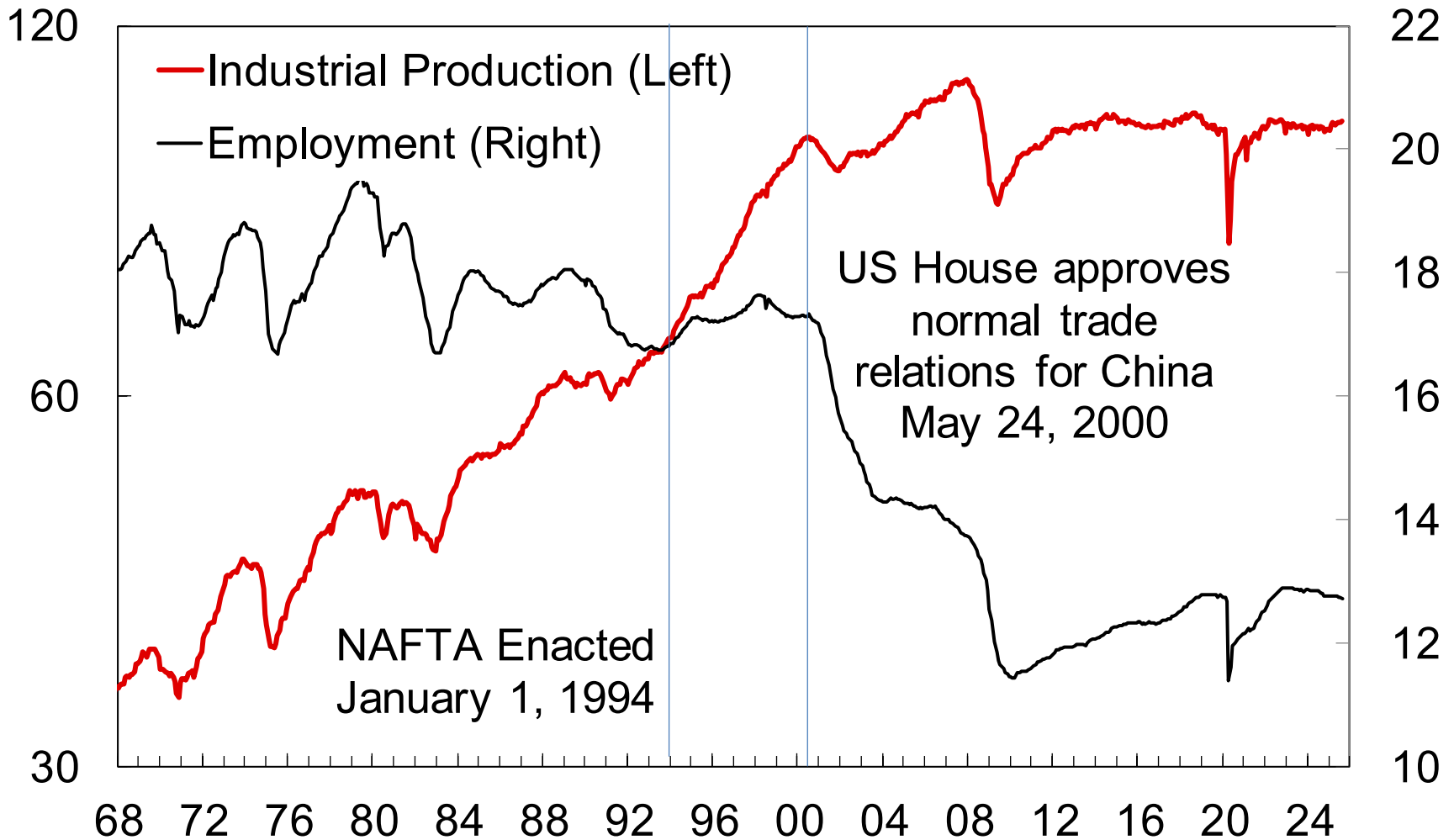
US Industrial Production: Manufacturing

Index, 2017=100



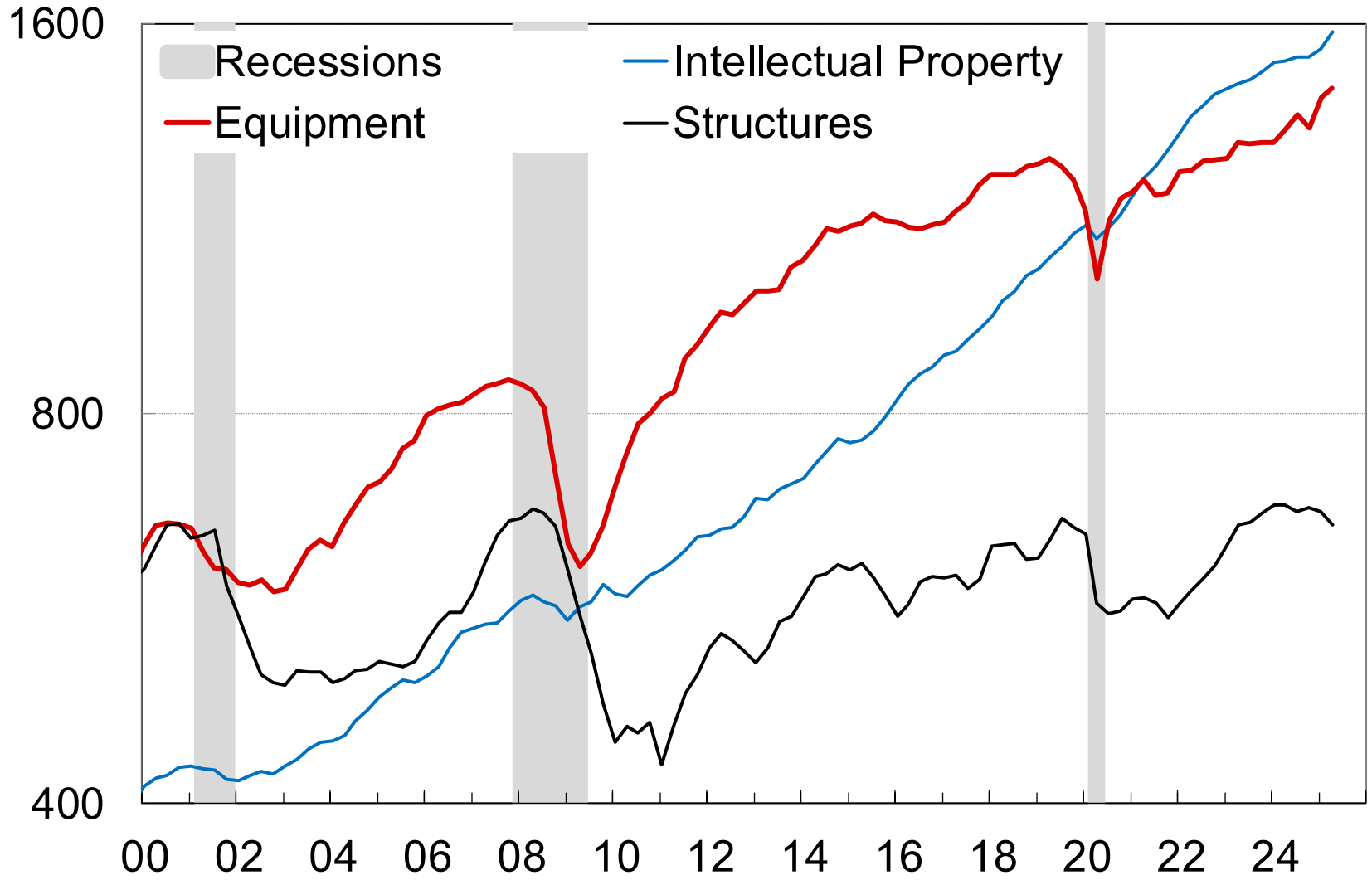
US Industrial Production & Employment: Manufacturing

Index, 2017=100 *Millions*



US Nonresidential Fixed Investment

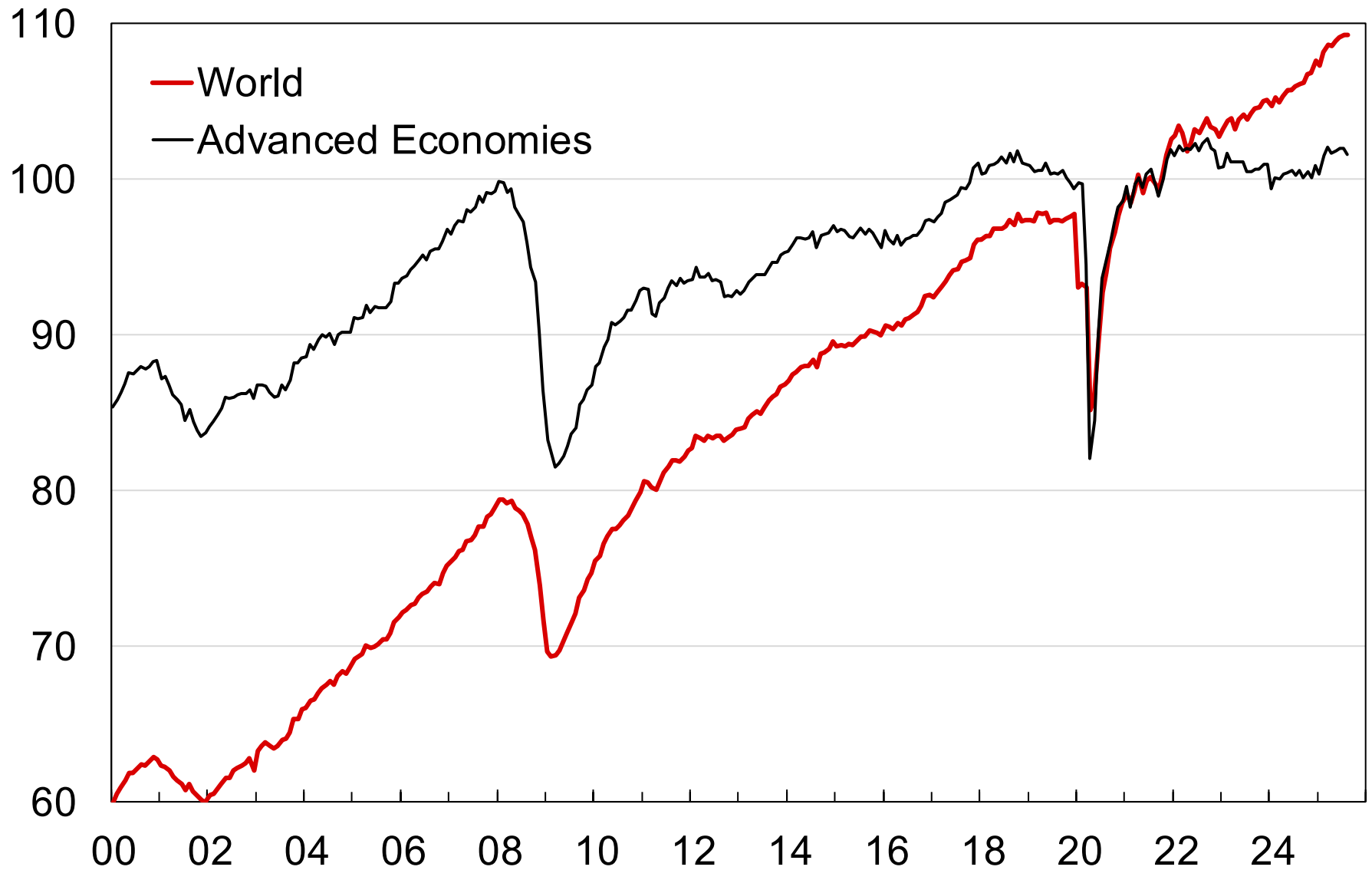
Billion Chained 2017 Dollars



Global Overview

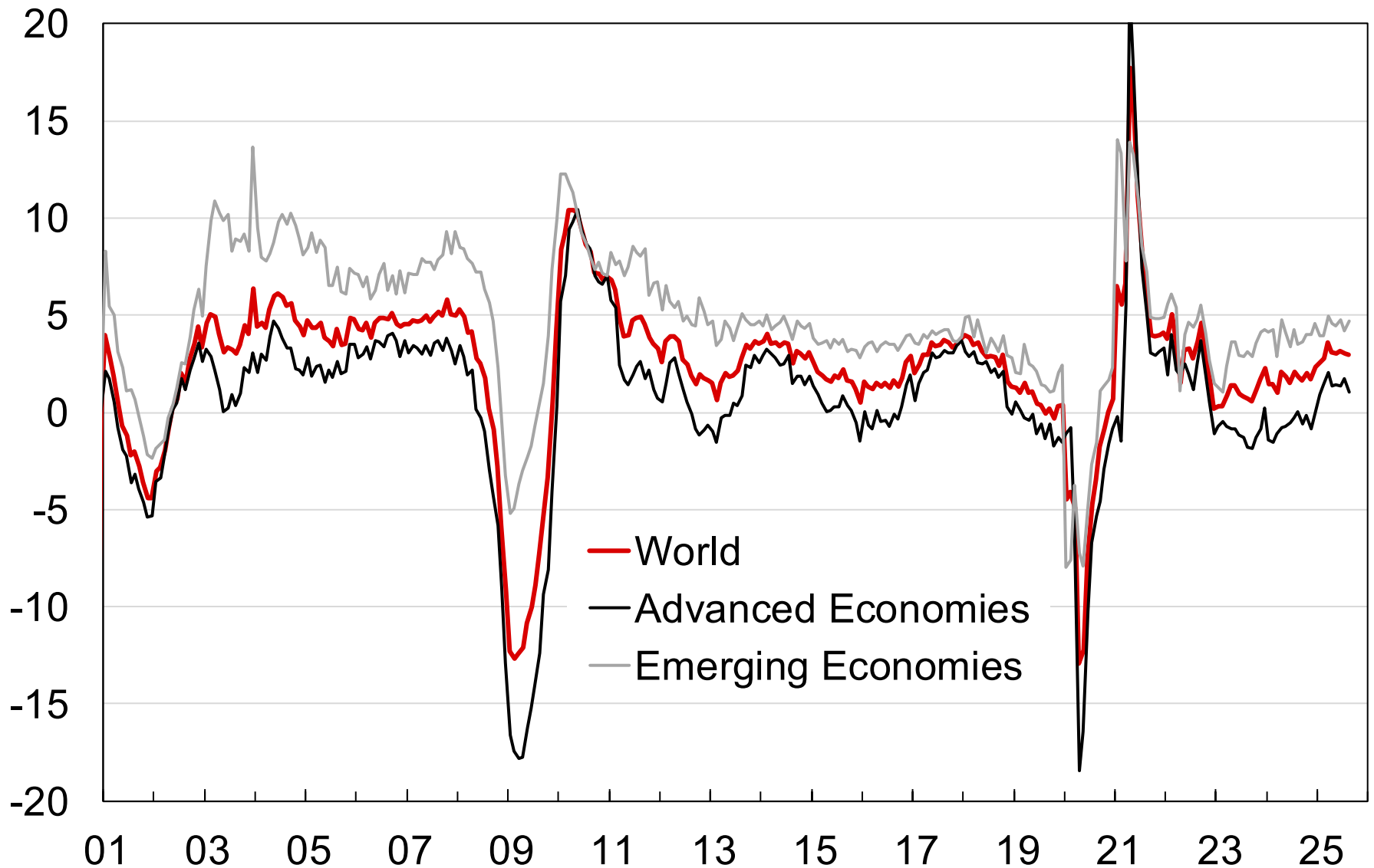
Industrial Production ex Construction

Index, 2021 = 100



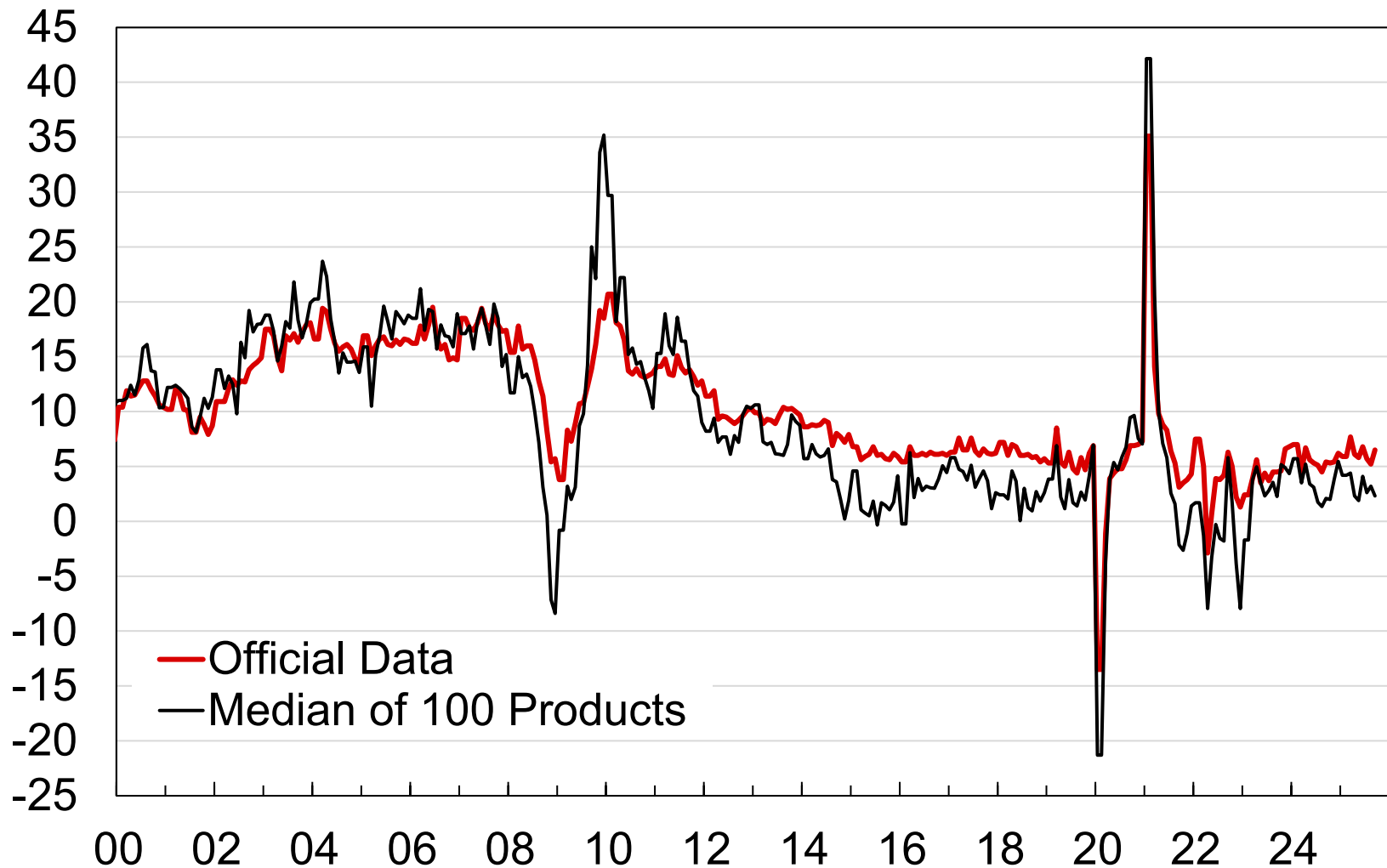
Industrial Production ex Construction

Percent Change from Year Ago



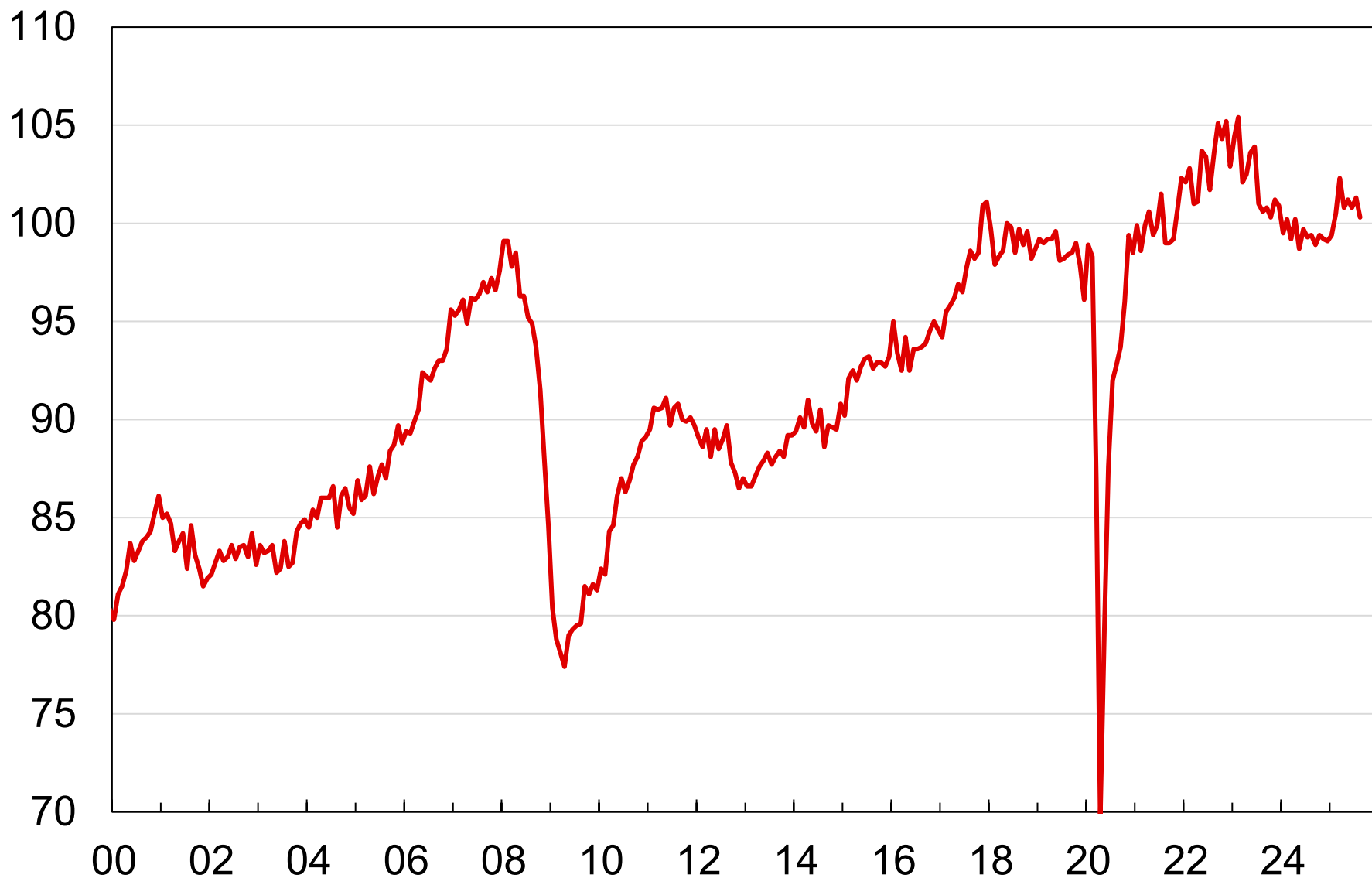
Value Added of Industry (Industrial Production): China

Percent Change from Year Ago



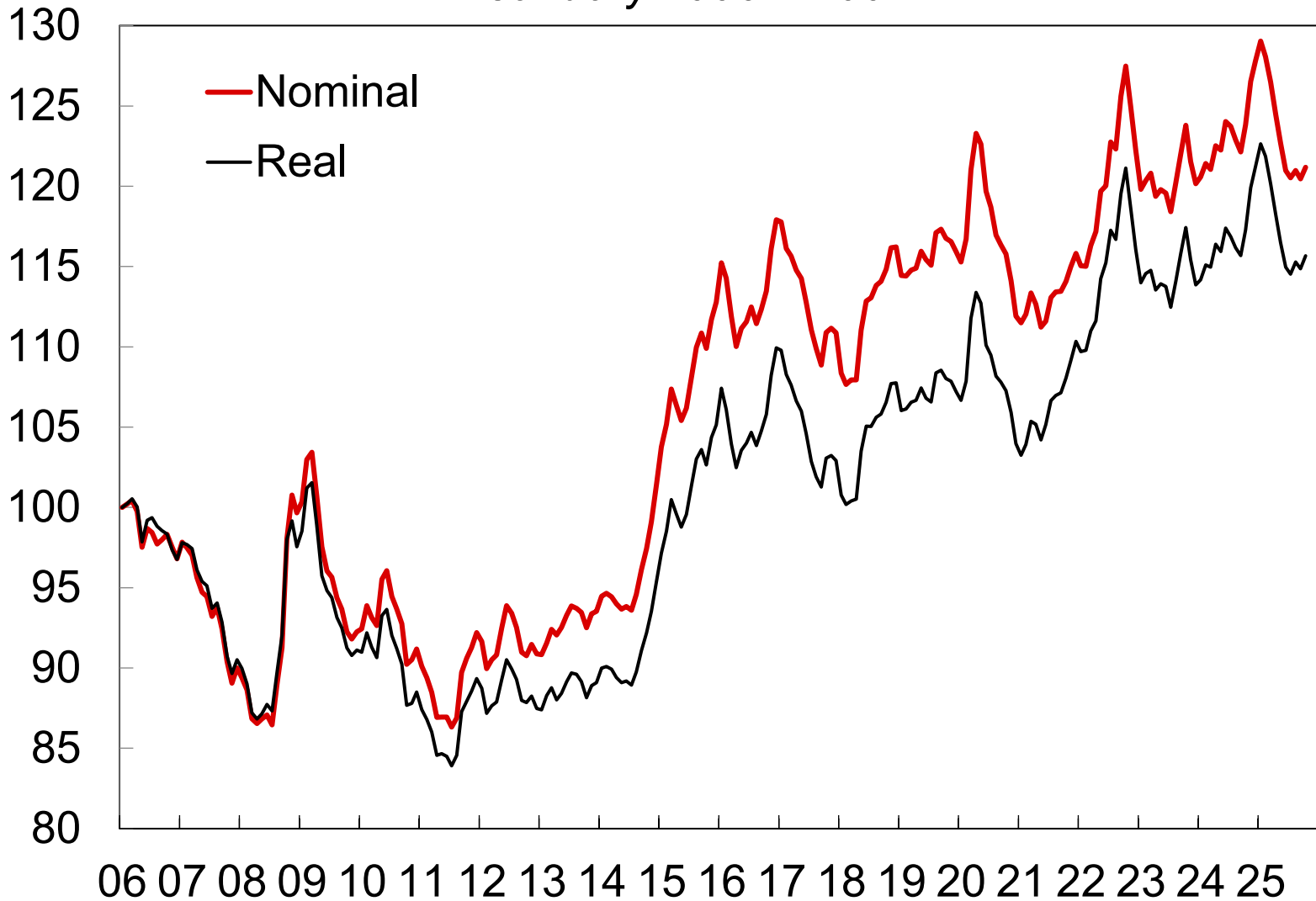
Industrial Production, Manufacturing: European Union

Index, 2021 = 100



Federal Reserve Broad Dollar Index

January 2006 = 100



Key takeaways

The US economy grew strongly in the second and third quarters, but . . .

- Employment growth has slowed.
- Inflation remains stubbornly above the Fed's 2% target.

Trump tariffs haven't had big impacts on inflation and growth . . . yet.

China is growing but not as fast as in the past.

Manufacturing in the rest of the world is stagnant.

**“For decades, our country
has been looted, pillaged,
raped and plundered by
nations near and far, both
friend and foe alike.”**

Donald Trump
1946-



“We should beware of the demagogues who are ready to declare a trade war against our friends . . . all while cynically waving the American flag. The expansion of the international economy is not a foreign invasion; it is an American triumph, one we worked hard to achieve.”

**Ronald Reagan
1911-2004**



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Winners

and Losers

Employees and shareholders of companies that compete with tariffed goods (e.g., steel and aluminum workers)

Investors in the stock market

(Older) people who own houses

Consumers

Businesses that use tariffed goods as inputs

Risk-averse savers who hold their money in bank accounts and unindexed bonds

(Younger) people who want to buy houses