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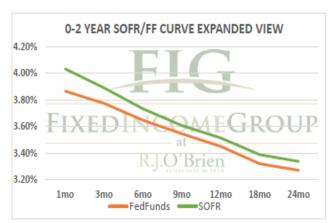


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:U/2U25 1U:41:10[BN]	Next Offer	Next	Date	CUSIP		\$	A A D
Bill Auctions	Announcement	Auction	Settles	Numbers	R	Bil	Auction
4-week	10/21/2025	10/23/2025	10/28/2025	912797RQ2		TBA	10/16/202
8-week	10/21/2025	10/23/2025	10/28/2025	912797RY5		TBA	10/16/202
6-week	10/23/2025	10/21/2025	10/23/2025	912797QS9		\$95	10/14/2025
17-week	10/21/2025	10/22/2025	10/28/2025	912797557		TBA	10/15/2025
3-month	10/23/2025	10/27/2025	10/30/2025	912797RK5		TBA	10/20/2025
6-month	10/23/2025	10/27/2025	10/30/2025	912797SN8		TBA	10/20/2025
1-year	10/23/2025	10/28/2025	10/30/2025	912797SK4		TBA	09/30/202
Note Auctions							
2-year	10/23/2025	10/27/2025	10/31/2025	91282CPE5		TBA	09/23/2025
3-year	11/05/2025	11/10/2025	11/17/2025	TBA		TBA	10/07/2025
5-year	10/23/2025	10/27/2025	10/31/2025	91282CPD7		TBA	09/24/2025
7-year	10/23/2025	10/28/2025	10/31/2025	91282CPF2		TBA	09/25/2025
10-year	11/05/2025	11/12/2025	11/17/2025	TBA		TBA	10/08/2025
Bond Auctions							
20-year	11/13/2025	10/22/2025	10/31/2025	912810UN6	R	\$13	09/16/2025
30-year	11/05/2025	11/13/2025	11/17/2025	TBA		TBA	10/09/2025
TIPS Auctions							
5-yr TIPS	12/11/2025	10/23/2025	10/31/2025	91282CPH8		\$26	06/17/2025
10-yr TIPS	11/13/2025	11/20/2025	11/28/2025	TBA	R	TBA	09/18/2025
30-yr TIPS	TBA	TBA	TBA	TBA		TBA	08/21/2025

Term SOFR	Ticker	Settle	Yest	Change
1 Month	TSFR1M Index	3.96839	3.97731	-0.008920
3 Month	TSFR3M Index	3.83833	3.84276	-0.004430
6 Month	TSFR6M Index	3.69369	3.68491	0.008780
12 Month	TSFR12M Index	3.49682	3.47293	0.023890

THE STIR CURVE: Distributed by The Fixed Income Group at RJ O'Brien





^{**} Futures indicative prices supplied for analytics purposes only. Rates are not intended as a real-time offer to buy or sell.

Term SOFR from 1-day Returns								
4.03241%	4.03241% 3.88957% 3.73345% 3.60840% 3.51537% 3.38959% 3.33942% 3.36232%							
1.003472351	1.009940025	1.018874683	1.027363681	1.035641972	1.051502867	1.067715974	1.102364005	
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo	
10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	
11/23/2025	1/23/2026	4/23/2026	7/23/2026	10/23/2026	4/23/2027	10/23/2027	10/23/2028	
31	92	182	273	365	547	730	1096	

Term FedFunds from 1-day Returns								
3.86578%	3.77382%	3.64815%	3.54653%	3.45179%	3.32220%	3.27320%		
100.33289%	100.96442%	101.84434%	102.68945%	103.49973%	105.04790%	106.63733%		
1mo	3mo	6mo	9mo	12mo	18mo	24mo		
10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025	10/24/2025		
11/23/2025	1/23/2026	4/23/2026	7/23/2026	10/23/2026	4/23/2027	10/23/2027		
31	92	182	273	365	547	730		
10/24/2025 7:27 et								

For more information, contact Rocco Chierici (SVP, RJO FIG) or Corrine Baynes (VP, RJO FIG) at RJ O'Brien: 312-373-5439

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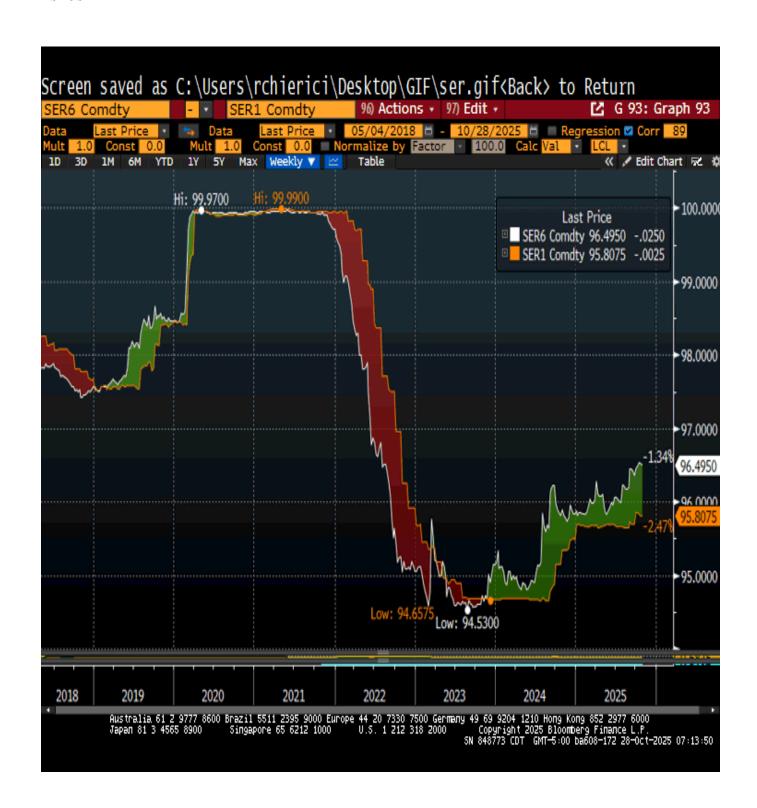
Getting Granular

The Fed watches 1-month bills v. 1-month bills 6-months forward. Below is a chart of 1-month SOFR v. 1-month SOFR 6-months forward.



Federal Reserve economists s watching forward rates relative to those on current Treasury bills has served traders well in the past.

When the short term forward spread inverts, it indicates easier Fed policy in the near future.



The World is smoldering...

China Pushes to Silence Victims of African Mining Disaster

https://www.wsj.com/world/asia/china-africa-mining-disaster-386af938?mod=hp lead pos7

The worst day of Bathsheba Musole's life started with a deafening crash when the 30-foot wall around a toxic-waste pool collapsed at the Chinese copper mine above her village. A poisonous river of a stinking yellow liquid rushed downhill, inundating homes and fields, including the one where she grew corn to feed her eight children. The floodwater, laden with cyanide and arsenic, rose chest-high. "I thought I would drown," said Musole, 48 years old, in a recent interview.

In August, months after the Feb. 18 disaster, officials from Sino Metals, a unit of the state-owned <u>China Nonferrous Mining</u> Corp., showed up at Musole's half-acre farm, which the Zambian government says is too toxic to sustain crops for at least three years.

They were there to make things right, she recalled them saying. Their offer was \$150, but it came with a catch.

To get the money, she would have to agree never to talk about the spill, take legal action against Sino Metals or even reveal the contents of the nondisclosure agreement itself, according to documents presented to other spill victims, which were reviewed by The Wall Street Journal. Local environment activists said those terms were the same for all victims.

The Fed's \$6.6 Trillion Test: When to End Its Portfolio Runoff

https://www.wsj.com/economy/central-banking/the-feds-6-6-trillion-test-when-to-end-its-portfolio-runoff-9627b711?mod=hp_lead_pos10

Federal Reserve officials have a suddenly pressing decision when they meet this week that has nothing to do with an interest-rate cut. It is whether to stop shrinking the central bank's \$6.6 trillion asset portfolio within days or wait until the end of the year.

As recently as two weeks ago, the Fed seemed on track for a year-end decision. Fed Chair <u>Jerome Powell</u>, in a rare speech devoted primarily to technical monetary plumbing dynamics, said the central bank could approach the point "in coming months" where it needed to end the three-year-long campaign to shrink its holdings.

But analysts say firmer-than-anticipated pressures in overnight funding markets since then could warrant stopping sooner.

The debate over when to stop <u>portfolio runoff</u> is separate from the one over whether to hold interest rates steady or to cut them, as is widely expected this week. Instead, these deliberations revolve around how best to ensure the Fed maintains effective control over short-term interest rates.

SFRZ5: 96-36[^] is the pivot point. Above the pivot you should be long, below short. Resistance is 96-36[^] and 96-41** Support is 96-31** [^]Pivot Point is a 20-day moving average. ** 2-STD Deviations from the pivot point.



UXYZ5: 115-30[^] is the pivot point. Above the pivot you should be long, below short.

Resistance is 115-30[^] and 117-04* Support is 114-22*

^Pivot Point is a 20-day moving average.

** 2-STD Deviations from the pivot point.



GT10 T 4.25 08/15/35

GT10 Notes 4.11% is the pivot point.

Above the pivot you should be long, below short.

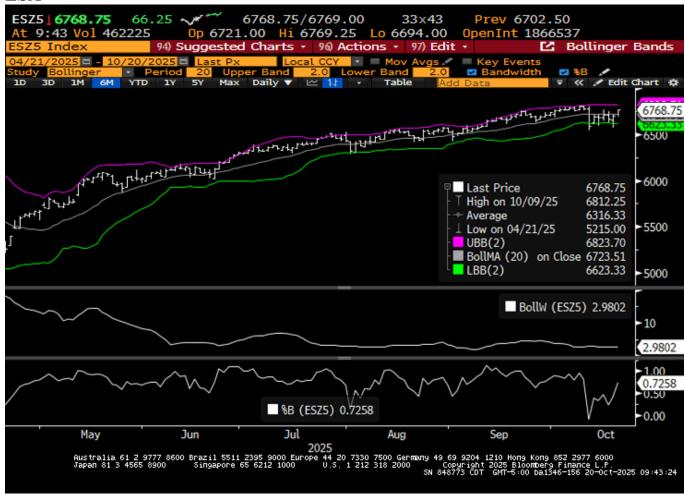
Resistance is 4.22% **

Support is 4.11% and 4.03% **

Pivot Point is a 20-day moving average.

** 2-STD Deviations from the pivot point.





The S&P is +5 and the NASDAQ is +39

Earnings: www.moneycentral.msn.com/investor/market/earncalendar
On Bloomberg type in ACDR <GO>

UK

In the UK the FTSE is +0.18%.

BOE Rate 4.0% (.25 BP Cut).

Next meeting 11/06/25.

The CAX Index is +0.00%.

The DAX Index is +0012%.

ECB

Main Refinancing Operations Rate 2.40% (.25 bp Cut). Marginal Lending Facility Rate 2.50%.

Next meeting 11/06/25

Japan:

The TOPIX closed at +2.46%. The NIKKEI closed at +3.37%. BOJ Policy Balance Rate +0.50% Next meeting 10/30/25

China:

The Hang Seng closed +2.42%.

The Shanghai Composite closed +0.63%.

PBOC

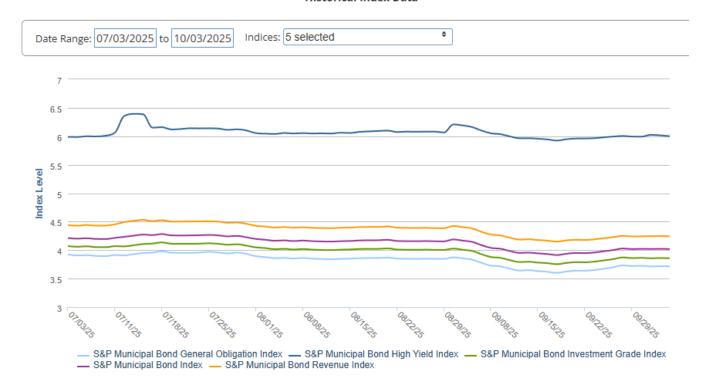
Deposit Rate: 1.50%

1-Year Prime Rate: 3.00% 7-Day Repo Rate: 1.5291%

Reserve Requirement Ratio: 9.50% (50 BP Cut)

S&P Dow Jones Indices

Historical Index Data



 $\underline{ttps://emma.msrb.org/ToolsAndResources/SNPIndices}$

The Fundamentals

LABOR

Bureau of Labor and Statistics

http://www.bls.gov/news.release/

CPI, ECI, Employment situation PPI, CPI, Productivity and Costs, Real Earnings and US import/exports.

Average Hourly Earnings y/y Department of Labor Department.



Bureau of Labor Statistics

https://www.bls.gov/web/empsit/cesnaicsrev.htm

KC Federal Reserve Agricultural Finance Update

August 26, 225

Weakness in Crop Sector weighs further on Farm Finances

Farm income and credit conditions deteriorated steadily throughout the Midwest and plains states in the second quarter of 2025 as profit opportunities in the crop sector remained weak. According to Federal Reserve Surveys of Agricultural Credit Conditions, farm borrower income and loan repayment rates deteriorated at a pace similar to last quarter. Weakness was most pronounced in regions heavily concentrated in crop production while strength in cattle and other livestock industries provided support to finances in some areas. Reduced working capital continued to drive higher demand for financing and interest rates on agricultural loans remained elevated. Farm real estate values declined slightly in some regions, but remained strong, which continued to bolster balance sheets and help limit financial stress for many producers.

How do Farm Incomes Compare to the average population

https://www.ers.usda.gov/faqs/#Q1

Charge-off Delinquency Rates on Loans and Leases at Commercial Banks

https://www.federalreserve.gov/releases/chargeoff/delallsa.htm

Baker Hughes Rig Count Overview and Summary Count

https://bakerhughesrigcount.gcs-web.com/rig-count-overview?c=79687&p=irol-rigcountsoverview

What is U.S. electricity generation by energy source?

https://www.eia.gov/electricity/monthly/epm_table_grapher.php?t=epmt_es1b

Biofuels International

https://biofuels-news.com/home/

Renewable Fuels Association

http://www.ethanolrfa.org/

How Many Electric Vehicles are on the Road in America

https://usafacts.org/articles/how-many-electric-cars-in-united-states/

How do Fuel Cell Electric Vehicles Work Using Hydrogen

https://afdc.energy.gov/vehicles/how-do-fuel-cell-electric-cars-work

Trucking 05/16



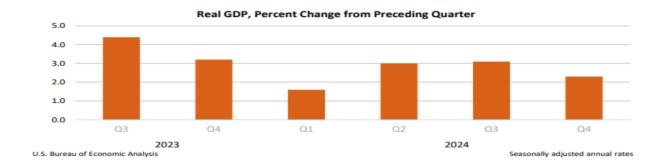
U.S. Department of Commerce, Bureau of economic analysis

http://www.bea.gov/newsreleases/national/gdp/gdpnewsrelease.htm

GDP, Personal Income, Outlays, Consumer Spending, Corporate Profits and Fixed Assets

Gross Domestic Product, 4th Quarter and Year 2024 (Advance Estimate)

Real gross domestic product (GDP) increased at an annual rate of 2.3 percent in the fourth quarter of 2024 (October, November, and December), according to the advance estimate released by the U.S. Bureau of Economic Analysis. In the third quarter, real GDP increased 3.1 percent.



The increase in **real GDP** in the fourth quarter primarily reflected increases in consumer spending and government spending that were partly offset by a decrease in investment. Imports, which are a subtraction in the calculation of GDP, decreased. For more information, refer to the "Technical Notes" below.

Latest estimate: 3.9 percent — October 17, 2025

The GDPNow model estimate for real GDP growth (seasonally adjusted annual rate) in the third quarter of 2025 is **3.9 percent** on October 17, up from 3.8 percent on October 7. After yesterday's monthly treasury statement report from the Treasury's Bureau of the Fiscal Service, the nowcasts of third-quarter real personal consumption expenditures growth and real gross private domestic investment growth increased from 3.2 percent and 4.0 percent, respectively, to 3.3 percent and 4.4 percent, while the nowcast of third-quarter real government expenditures growth decreased from 1.8 percent to 1.5 percent.

The next GDPNow post will be no later than its next scheduled update on **October 27**.

https://www.atlantafed.org/cqer/research/gdpnow

MANUFACTURING AT A GLANCE

August 2025

Index	Series Index Aug	Series Index Jul	Percentage Point Change	Direction	Rate of Change	Trend* (Months)	
Manufacturing PMI [®]	48.7	48.0	+0.7	Contracting	Slower	6	
New Orders	51.4	47.1	+4.3	Growing	From Contracting	1	
Production	47.8	51.4	-3.6	Contracting	From Growing	1	
Employment	43.8	43.4	+0.4	Contracting	Slower	7	
Supplier Deliveries	51.3	49.3	+2.0	Slowing	From Faster	1	
Inventories	49.4	48.9	+0.5	Contracting	Slower	4	
Customers' Inventories	44.6	45.7	-1.1	Too Low	Faster	11	
Prices	63.7	64.8	-1.1	Increasing	Slower	11	
Backlog of Orders	44.7	46.8	-2.1	Contracting	Faster	35	
New Export Orders	47.6	46.1	+1.5	Contracting	Slower	6	
Imports	46.0	47.6	-1.6	Contracting	Faster	5	
	OVERALL	Growing	Faster	64			
	Manufacti	Contracting	Slower	6			

ISM[®] Hanufacturing PMI[®] Report data is seasonally adjusted for the New Orders, Production, Employment and Inventories indexes. *Number of months moving in current direction.

<u>US Census Bureau (Manufacturers' Shipments, Inventories and Orders).</u> <u>http://www.census.gov/manufacturing/m3/</u>

Ranking of Countries by Military might.

www.military.com

Our Nation in numbers

The Constitution gives us four missions...

- 1. Establish Justice and Ensure Domestic Tranquility.
- 2. Provide for the Common Defense.
- 3. Promote the General welfare.
- 4. Secure the Blessings of Liberty to Ourselves and Our Posterity.

www.usafacts.org

US Foreign Assistance

http://foreignassistance.gov/

How much aid do we give around the world?

https://usaid.gov

https://www.usfunds.com/resource/periodic-table-of-commodities-returns-2024/

Explore how natural resources have performed over the last 10 years on the interactive chart I Click a commodity to see its trend or the sidebar to reveal the historical pattern of your choice.

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
187.05%	103.67%	56.25%	18.59%	54.20%	47.89%	442.80%	72.49%	13.10%	26.62%
Li	Pa	Pd	Pd	Pd	Ag	Li	Li	Au	Au
-2.50%	60.59%	40.51%	17.86%	34.46%	26.02%	160.61%	43.13%	1.19%	20.57%
Pb	Zn	Li	44		Cu	1	Ni	Cu	Ag
-9.63%	59.35%	32.39%	6.91%	31.55%	25.86%	55.01%	19.97%	-0.17%	13.75%
₩		AI	-	Ni	Pd			Al	
-10.42%	45.03%	31.19%	-0.44%	21.48%	25.12%	46.91%	14.37%	-0.66%	12.23%
Au		1		Pt	Au		-	Ag	Zn
-10.72%	20.96%	30.49	-1.58%	18.31%	24.82%	42.18%	10.90%	-7.67%	5.52%
	Pd	Cu	Au	Au	- ♦	AI	Pt	Pt	Cu
-11.75%	17.37%	30.49%	-8.53%	15.21%	19.73%	31.53%	6.71%	-9.97%	5.44%
Ag	Cu	Zn	Ag	Ag	Zn	Zn		1	Al
-17.79%	14.86%	30.49%	-14.49%	11.03%	18.66%	26.14%	2.77%	-10.73%	-6.25%
AI	Ag	Ni	Pt	華華	Ni	Ni	Ag		Pb
-19.11%	13.58%	27.51%	-16.54%	3.40%	15.99%	25.70%	2.76%	-12.10%	-8.37%
	AI	Pb	Ni	- ♦		Cu	44	Zn	Ni
-20.31%	13.49%	24.27%	-17.43%	3.36%	14.63%	22.57%	-0.05%	-12.93%	-9.38%
集集	Ni	Au	AI	Cu	44	- ♦	Pb	Pd	Pt
-26.07%	11.27%	13.09%	-17.46%	-4.38%	13.15%	20.34%	-0.28%	-20.71%	-10.97%
Pt	Pb		Cu	AI	Li	44	Au	44	-
-26.10%	8.56%	12.47%	-19.23%	-4.66%	10.92%	18.32%	-5.89%	-30.55%	-13.80%
Cu	Au	Ag	Pb	Pb	Pt	Pb	Pd	- ♦	##
-26.50%	1.16%	6.42%	-22.16%	-9.49%	10.80%	-3.64%	-14.13%	-38.63%	-16.79%
Zn	Pt	華華	静	Zn	Al	Au	Cu	Pb	1
-29.43%	-1.88%	4.66%	-24.54%	-18.02%	3.25%	-9.64%	-16.27%	-43.82%	-17.05%
Pd	•	Pt	Zn	22	Pb	Pt	AI		Pd
-30.47%	-8.69%	2.99%	-24.84%	-25.54%	-1.29%	-11.72%	-16.34%	-45.21%	-26.23%
	Li	-			1	Ag	Zn	Ni	
-41.75%	-13.19%	-0.36%	-54.70%	-38.50%	-20.54%	-22.21%	-48.34%	-81.42%	-57.34%
Ni	華華		Li	Li		Pd		Li	Li

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