

# Fixed Income Group A Division of RJ O'Brien

# The Missile

www.fixedincomegroup.com

On Bloomberg: WECO <go> Economic Releases

1) Calendars • 2) Alerts 3) Export • 4) Settings •									
United States 6 Browse 07:35:05							i - 04/	22/25 🗀	
Economic Releases		Αl	l Economic Releases		View Agenda Weekly				
Date Time A	М	R	Event	Period	Surv(M)	Actual		Revised •	
21) 04/15 07:30 🔹	Û	4	Empire Manufacturing	Apr	-13.5	-8.1	-20.0		
22) 04/15 07:30	Û	ď	Import Price Index MoM	Mar	0.0%	-0.1%	0.4%	0.2%	
23) 04/15 07:30	Û		Import Price Index ex Petroleum MoM	Mar	0.3%	0.0%	0.4%	0.1%	
24) 04/15 07:30	Φ.		Import Price Index YoY	Mar	1.4%	0.9%	2.0%	1.6%	
25) 04/15 07:30 🖾	Û		Export Price Index MoM	Mar	0.0%	0.0%	0.1%	0.5%	
26) 04/15 07:30 🔩	Û	.11	Export Price Index YoY	Mar	1.8%	2.4%	2.1%	2.6%	
27) 04/16 06:00	Φ	all.	MBA Mortgage Applications	Apr 11			20.0%		
28) 04/16 07:30	ΰ	all.	Retail Sales Advance MoM	Mar	1.3%		0.2%		
29) 04/16 07:30	Φ	al	Retail Sales Ex Auto MoM	Mar	0.4%		0.3%		
30) 04/16 07:30	ΰ	a i	Retail Sales Ex Auto and Gas	Mar	0.6%		0.5%		
31) 04/16 07:30	Φ		Retail Sales Control Group	Mar	0.6%		1.0%		
32) 04/16 07:30	Û		New York Fed Services Business Acti	Apr	-12.4		-19.3		
33) 04/16 08:15	Φ	all.	Industrial Production MoM	Mar	-0.2%		0.7%		
34) 04/16 08:15	Φ	al	Capacity Utilization	Mar	77 <b>.</b> 9%		78.2%		
35) 04/16 08:15	Û		Manufacturing (SIC) Production	Mar	0.2%		0.9%		
36) 04/16 09:00	Φ	a i	Business Inventories	Feb	0.2%		0.3%		
37) 04/16 09:00	ΰ	a i	NAHB Housing Market Index	Apr	38		39		
38) 04/16 15:00	ΰ	al	Net Long-term TIC Flows	Feb			-\$45.2b		
39) 04/16 15:00 ◀	Û	al i	Total Net TIC Flows	Feb			-\$48.8b		
40) 04/17 07:30	Û	ď.	Housing Starts	Mar	1420k		1501k		
	Û		Housing Starts MoM	Mar	-5.4%		11.2%		
	Φ.	ď	Building Permits	Mar P	1448k		1459k		
43) 04/17 07:30	Û		Building Permits MoM	Mar P	-0.8%		-1.0%		
44) 04/17 07:30 4 Australia 61 2	2 9777	860	O Brazil 5511 2395 9000 Europe 44 20 7330 7500 German Singapore 65 6212 1000 U.S. 1 212 318 2000	Apr 17	04 1210 Hong	Копо 852 а	977 6000		

## Fed Speak (All times are CST) On Bloomberg: Fed <go>



# **US Treasury Auction Schedule On Bloomberg:**

NI TRE <go>

NI IKE <go></go>	Next Offer	Next	Date	CUSIP		\$	Prior	Prior
Bill Auctions	Announcement	Auction	Settles	Numbers	R	Bil	Auction	\$ Bln
4-week	04/15/2025	04/17/2025	04/22/2025	TBA		TBA	04/10/2025	\$85
8-week	04/15/2025	04/17/2025	04/22/2025	TBA		TBA	04/10/2025	\$75
6-week	04/17/2025	04/15/2025	04/17/2025	912797NN3		\$70	04/08/2025	\$70
17-week	04/15/2025	04/16/2025	04/22/2025	TBA		TBA	04/09/2025	\$60
3-month	04/17/2025	04/14/2025	04/17/2025	912797PE1		\$76	04/07/2025	\$76
6-month	04/17/2025	04/14/2025	04/17/2025	912797QF7		\$68	04/07/2025	\$68
1-year	05/08/2025	04/15/2025	04/17/2025	912797QD2		\$48	03/18/2025	\$48
Note Auctions								
2-year	04/17/2025	04/22/2025	04/30/2025	TBA		TBA	03/25/2025	\$69
3-year	04/30/2025	05/05/2025	05/15/2025	TBA		TBA	04/08/2025	\$58
5-year	04/17/2025	04/23/2025	04/30/2025	TBA		TBA	03/26/2025	\$70
7-year	04/17/2025	04/24/2025	04/30/2025	TBA		TBA	03/27/2025	\$44
10-year	04/30/2025	05/06/2025	05/15/2025	TBA		TBA	04/09/2025	\$39
Bond Auctions								
20-year	05/15/2025	04/16/2025	04/30/2025	912810UJ5	R	\$13	03/18/2025	\$13
30-year	04/30/2025	05/08/2025	05/15/2025	TBA		TBA	04/10/2025	\$22
TIPS Auctions								
5-yr TIPS	06/12/2025	04/17/2025	04/30/2025	91282CNB3		\$25	12/19/2024	\$22
10-yr TIPS	05/15/2025	05/22/2025	05/30/2025	TBA	R	TBA	03/20/2025	\$18

#### The World is smoldering:

#### U.S. Softens Position on Iranian Uranium Enrichment

https://www.wsj.com/world/middle-east/u-s-softens-position-on-iranian-uranium-enrichment-5bf0953a?mod=world\_lead\_story

U.S. special envoy Steve Witkoff said that the Trump administration is prepared to allow Iran to enrich uranium at a low level if it is subject to stringent verification, a significant shift from the White House's initial demand that Tehran's nuclear program be dismantled.

The position, if adopted during talks that are to resume Saturday following an <u>initial meeting</u> last weekend, would leave Iran with a toehold on a nuclear program and put the U.S. at odds with Israel's goals on the question.

"They do not need to enrich past 3.67%," Witkoff said on Fox News Monday night. "This is going to be much about verification on the enrichment program and then ultimately verification on weaponization." The U.S. is seeking tight constraints on Iran's nuclear activities and its missile program, while Tehran is hoping to ease economic sanctions that <u>have battered its economy</u>.

## Israel Has Taken Over About a Third of the Gaza Strip

https://www.wsj.com/world/middle-east/israel-has-taken-over-about-a-third-of-the-gaza-strip-9e82d2ea?mod=world\_lead\_pos3

Israeli troops have taken over about a third of the Gaza Strip in renewed military action, declaring security zones in swaths of the north and south while pushing out their populations as part of a new strategy to ratchet up pressure on Hamas.

After relying mainly on airstrikes and tactical raids for the first year and a half of the war, Israel is now seizing land and threatening to hold it indefinitely as it presses Hamas to release the <u>hostages still held in Gaza</u>.

The shift reflects a realignment of the country's approach to security to carve out deeper buffer zones in the wake of the deadly Oct. 7, 2023, attacks led by Hamas. It is also a way to create new consequences for Hamas by threatening to shrink Palestinians' land if the hostages aren't released.

#### U.S. Strikes Spur Plans for Yemeni Ground War Against Houthis

https://www.wsj.com/world/middle-east/yemen-houthis-operation-us-support-975febe6?mod=world\_lead\_pos4

Yemeni militias are planning a ground offensive against the Houthis in an attempt to take advantage of a <u>U.S. bombing campaign</u> that has degraded the militant group's capabilities, Yemeni and U.S. officials say.

The Yemeni factions are sensing an opportunity to oust the Houthis from at least parts of the Red Sea coast they have controlled in the decade since they took power over much of the country's northwest, the officials said.

Private American security contractors provided advice to the Yemeni factions on a potential ground operation, people involved in the planning said. The United Arab Emirates, which supports these factions, raised the plan with American officials in recent weeks, the U.S. and Yemeni officials said.

## U.S. military assets in the Mideast



- Diego Garcia Six B-2 heavy stealth bombers, seven KC 135 refueling tankers, and one C17
- From the U.S. F-35 stealth jets, A-10 Warthogs attack aircraft with 300 airmen
- From South Korea Air defense systems, including two Patriot batteries and one Terminal High Altitude Area Defense (THAAD) battery

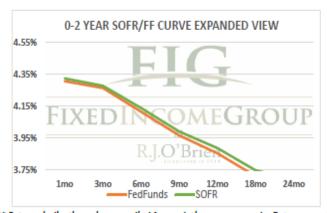
- 4 From Guam Carl Vinson Carrier Strike Group
- Red Sea Truman Carrier Strike Group

Sources: Analysis of Planet Labs images by David Des Roches; Defense News; Department of Defense, Naval Air Force, U.S. Pacific Fleet (COMNAVAIRFOR); U.S. Naval Institute

### **TERM SOFR Settles**

Term SOFR	Ticker	Settle	Yest	Change
1 Month	TSFR1M Index	4.32813	4.32093	0.007200
3 Month	TSFR3M Index	4.27979	4.26054	0.019250
6 Month	TSFR6M Index	4.14224	4.11328	0.028960
12 Month	TSFR12M Index	3.90182	3.88879	0.013030

## 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								
4.32302% 4.27672% 4.13661% 3.98881% 3.88489% 3.74554% 3.68469% 3.71840							3.71840%		
1.003602518	1.010810591	1.021027756	1.030470108	1.039388481	1.057015433	1.074717225	1.113204516		
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo		
4/15/2025	4/15/2025	4/15/2025	4/15/2025	4/15/2025	4/15/2025	4/15/2025	4/15/2025		
5/14/2025	7/14/2025	10/14/2025	1/14/2026	4/14/2026	10/14/2026	4/14/2027	4/14/2028		
30	91	183	275	365	548	730	1096		

	Term FedFunds from 1-day Returns								
4.30549%	4.26272%	4.11360%	3.96427%	3.85264%	3.70863%	3.62424%			
100.35879%	101.07752%	102.09108%	103.02826%	103.90615%	105.64536%	107.34915%			
1mo	3mo	6mo	9mo	12mo	18mo	24mo			
4/15/2025	4/15/2025	4/15/2025	4/15/2025	4/15/2025	4/15/2025	4/15/2025			
5/14/2025	7/14/2025	10/14/2025	1/14/2026	4/14/2026	10/14/2026	4/14/2027			
30	91	183	275	365	548	730			
						4/15/2025 7:27	ct		

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

The risk of loss in trading futures and/or options is substantial, and each investor and/or trader must consider whether this is a suitable investment.

See our full disclaimer at www.rjobrien.com. Copyright © 2025 RJO FIG

# **US Interest Rate Probabilities WIRP [GO]**



# US-SWAP curve IRSB <GO>



This information is not to be construed as an offer to sell or a solicitation or an offer to buy the commodities herein named. The information of this report has been obtained from sources believed to be reliable but is not necessarily all-inclusive and is not guaranteed as to the accuracy and is not to be construed as representation by R.J O'Brien & Associates. The risk of trading futures and options can be substantial. Each investor must consider whether this is a suitable investment. Past performance is not indicative of future results.

© Copyright 2025

. The Fixed Income Group at R.J. O'Brien. All rights reserved.

# **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 said, 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.

## Treasury 2s/10s



### THE TREND

## **3-Month SFRU5**: **96-23** ^ is the pivot point.

Above the pivot you should be long, below short.

Resistance is at 96-45\*\*

Support is at 96-23<sup> and 96.00\*</sup>

^Pivot Point is a 20-day moving average.

\*\* 2-STD Deviations from the pivot point.



# Ultra 10-year Note (UXYM5): 113-29<sup>^</sup> is the pivot point.

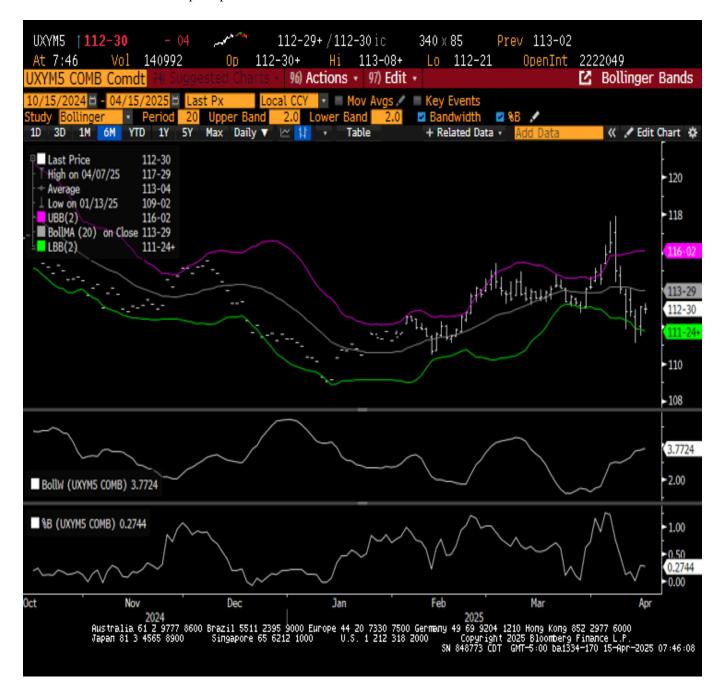
Above the pivot you should be long, below short.

Resistance is at 113-29<sup>^</sup> and 116-03\*\*

Support is at and 111-23\*\*

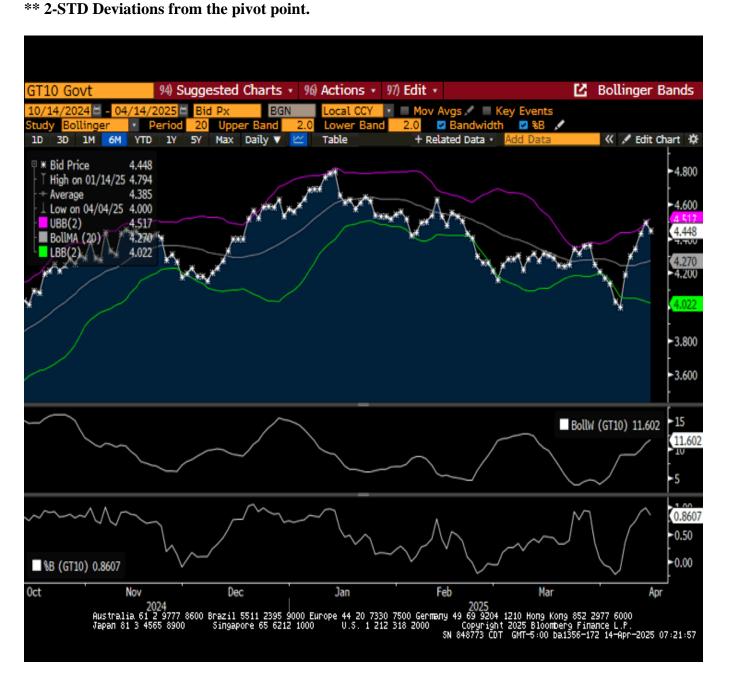
^Pivot Point is a 20-day moving average.

<sup>\*\* 2-</sup>STD Deviations from the pivot point.



#### GT10 T 4.625 02/15/35

GT10 Notes 4.26% is the pivot point. Above the pivot you should be long, below short. Resistance is at 4.26% and 4.49\*\* Support is at 4.03^ Pivot Point is a 20-day moving average.



### **EQUITIES**



The **S&P** is **-7** and the **NASDAQ** is **+11**.

Earnings: www.moneycentral.msn.com/investor/market/earncalendar

On Bloomberg type in ACDR <GO>

UK

In the UK the FTSE is +0.85%. BOE Rate 4.5% (.25 BP Cut). Next meeting 05/08/25

EU:

The CAC Index is at +0.13%. The DAX Index is at +0.83%.

This information is not to be construed as an offer to sell or a solicitation or an offer to buy the commodities herein named. The information of this report has been obtained from sources believed to be reliable but is not necessarily all-inclusive and is not guaranteed as to the accuracy and is not to be construed as representation by R.J O'Brien & Associates. The risk of trading futures and options can be substantial. Each investor must consider whether this is a suitable investment. Past performance is not indicative of future results.

© Copyright 2025

. The Fixed Income Group at R.J. O'Brien. All rights reserved.

#### **ECB**

Main Refinancing Operations Rate 2.65% (.25 bp Cut). Marginal Lending Facility Rate 2.50%. Next meeting 04/17/25

## Japan:

The TOPIX closed at +1.00%. The NIKKEI closed at +0.88%. BOJ Policy Balance Rate +0.50% Next meeting 05/01/25

#### China:

The Hang Seng closed +0.23%.
The Shanghai Composite closed +0.15%.

**PBOC** 

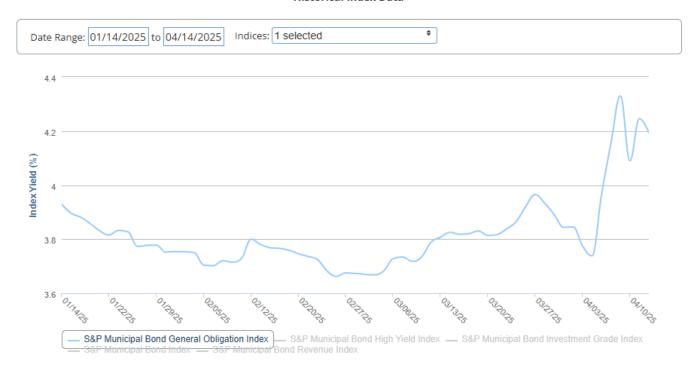
Deposit Rate: 1.50%

1-Year Prime Rate: 3.10% 7-Day Repo Rate: 2.0933%

Reserve Requirement Ratio: 9.50% (50 BP Cut)

## **Muni IG Curve**

#### Historical Index Data



## **The Fundamentals**

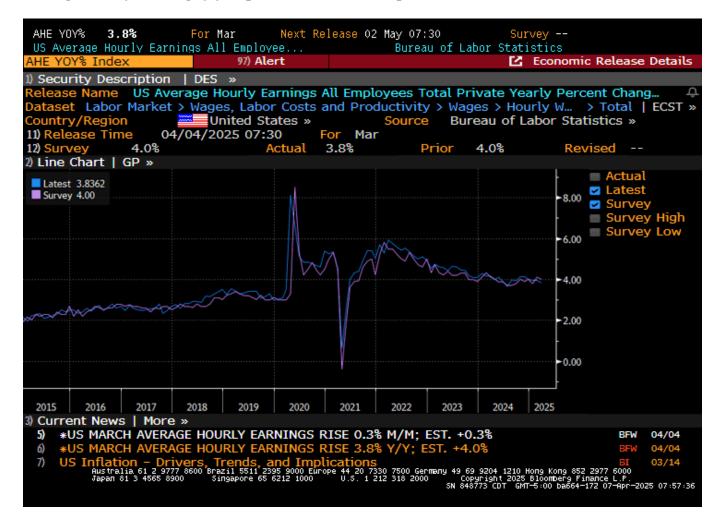
#### **LABOR**

#### **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

Nonfarm Payroll Employment: Revisions between over-the-month estimates, 1979-present

### **KC Federal Reserve Agricultural Finance Update**

March 06,2025

#### Farm Real Estate Values were Steady in 2024

Agricultural real estate values in the Midwest and plains states were flat through the end of 2024. According to Federal Reserve Surveys of Agricultural Credit Conditions, the value of non irrigated cropland was generally unchanged from a year ago in most participating Districts. Land markets cooled alongside tightening farm financial conditions and elevated farm loan interest rates. Agricultural credit conditions also deteriorated slightly into the fourth quarter, but financial stress remained limited. The outlook for the farm sector in the year ahead remained relatively subdued alongside narrow profit opportunities for crop producers. However, modest increases in corn prices more recently and pending ad hoc government assistance related to the American Relief Act could support the sector in early 2025. <a href="https://www.kansascityfed.org/agriculture/ag-credit-survey/farm-real-estate-values-were-steady-in-2024/">https://www.kansascityfed.org/agriculture/ag-credit-survey/farm-real-estate-values-were-steady-in-2024/</a>

### 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 04//04/2025**



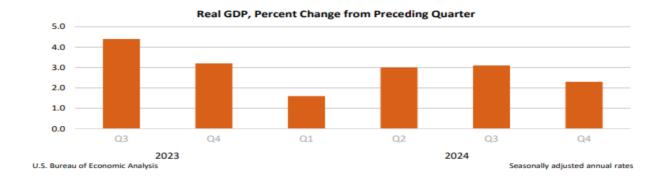
### U.S. Department of Commerce, Bureau of economic analysis

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: -2.4 percent — April 09, 2025

The GDPNow model estimate for real GDP growth (seasonally adjusted annual rate) in the first quarter of 2025 is **-2.4 percent** on April 9, up from -2.8 percent on April 3. The **alternative model forecast**, which adjusts for imports and exports of gold as described <a href="here">here</a>, is **-0.3 percent**. After recent releases from the US Census Bureau and the US Bureau of Labor Statistics, both the standard model's and the alternative model's forecasts of first-quarter real final sales to private domestic purchasers growth increased from 1.4 percent to 2.0 percent.

The next GDPNow update is **Wednesday**, **April 16**. Please see the "Release Dates" tab below for a list of upcoming releases.

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

#### St. Louis Fed GDP Now Q1 2025 -2.85 04/03/2025

https://fred.stlouisfed.org/series/GDPNOW

### MANUFACTURING AT A GLANCE

#### March 2025

Index	Series Index Mar	Series Index Feb	Percentage Point Change	Direction	Rate of Change	Trend* (Months)
Manufacturing PMI <sup>®</sup>	49.0	50.3	-1.3	Contracting	From Growing	1
New Orders	45.2	48.6	-3.4	Contracting	Faster	2
Production	48.3	50.7	-2.4	Contracting	From Growing	1
Employment	44.7	47.6	-2.9	Contracting	Faster	2
Supplier Deliveries	53.5	54.5	-1.0	Slowing	Slower	4
Inventories	53.4	49.9	+3.5	Growing	From Contracting	1
Customers' Inventories	46.8	45.3	+1.5	Too Low	Slower	6
Prices	69.4	62.4	+7.0	Increasing	Faster	6
Backlog of Orders	44.5	46.8	-2.3	Contracting	Faster	30
New Export Orders	49.6	51.4	-1.8	Contracting	From Growing	1
Imports	50.1	52.6	-2.5	Growing	Slower	3
	OVERALL	Growing	Slower	59		
	Manufactu	Contracting	From Growing	1		

Manufacturing ISM<sup>®</sup> Report On Business <sup>®</sup> data is seasonally adjusted for the New Orders, Production, Employment and Inventories indexes. \*Number of months moving in current direction.

#### THE LAST 12 MONTHS

Month	Manufacturing PMI <sup>®</sup>
Mar 2025	49.0
Feb 2025	50.3
Jan 2025	50.9
Dec 2024	49.2
Nov 2024	48.4
Oct 2024	46.9

Month	Manufacturing PMI <sup>®</sup>
Sep 2024	47.5
Aug 2024	47.5
Jul 2024	47.0
Jun 2024	48.3
May 2024	48.5
Apr 2024	48.8

Average for 12 months - 48.5 High - 50.9 Low - 46.9

https://www.ismworld.org/supply-management-news-and-reports/reports/ism-report-on-business/pmi/january

<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	<b>Pa</b>	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	<b>Pak</b>	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			AI	
-10.42%	45.03%	31.19%	-0.44%	21.48%	25.12%	46.91%	14.37%	-0.66%	12.23%
Au		<b>1</b>		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		<b>Par</b>	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	集集	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	華華	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	- ♦	華華
-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	200
-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	-			<b>1</b>	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

#### https://www.usfunds.com/wp-content/uploads/2023/01/23-006-CommoditiesPeriodicTable.pdf

### The Fixed Income Group at R.J. O'Brien

John Coleman 312-373-5190 800-367-3349 © 312-515-3067 johncoleman@bloomberg.net

Rob Powell 312-373-5197 800-367-3349 © 312-560-7112 robpowell@bloomberg.net

Jeff Bauman 312-286-0491 jeffbau@bloomberg.net

Rich Goldblatt 312-373-5450 800-367-3650 © 312-515-6019 futurestic@bloomberg.net

Rocco Chierici 312-373-5439 800-367-3650 © 312-515-3069 rocco1@bloomberg.net

Brian Rachwalski 312-373-5191 800-367-3349 © 312-515-3066 brachwalski@bloomberg.net Dan Sobolewski 312-373-5191 800-367-3349 © 312-505-6364 dsobolewski@bloomberg.net

Evan Vollman 312-373-5452 800-367-3650 evollman@bloomberg.net

Corrine Baynes 312-373-4847 800-367-3349 cbaynes@rjobrien.com

Rafal Zawlodzki 312-373-4958 800-367-3349 rzawlodzki@rjobrien.com

Cole Bruce 312-373-5120 800-367-3349 cbruce@rjobrien.com

Cameron McCrum Office: +442033004256 CMcCrum@rjobrien.com

#### DISCLAIMER

This material has been prepared by a sales or trading employee or agent of R.J. O'Brien and is, or is in the nature of, a solicitation. This material is not a research report prepared by R.J. O'Brien's Research Department. By accepting this communication, you agree that you are an experienced user of the futures markets, capable of making independent trading decisions, and agree that you are not, and will not, rely solely on this communication in making trading decisions.

DISTRIBUTION IN SOME JURISDICTIONS MAY BE PROHIBITED OR RESTRICTED BY LAW. PERSONS IN POSSESSION OF THIS COMMUNICATION INDIRECTLY SHOULD INFORM THEMSELVES ABOUT AND OBSERVE ANY SUCH PROHIBITION OR RESTRICTIONS. TO THE EXTENT THAT YOU HAVE RECEIVED THIS COMMUNICATION INDIRECTLY AND SOLICITATIONS ARE PROHIBITED IN YOUR JURISDICTION WITHOUT REGISTRATION, THE MARKET COMMENTARY IN THIS COMMUNICATION SHOULD NOT BE CONSIDERED A SOLICITATION.

The risk of loss in trading futures and/or options is substantial and each investor and/or trader must consider whether this is a suitable investment. Past performance, whether actual or indicated by simulated historical tests of strategies, is not indicative of future results. Trading advice is based on information taken from trades and statistical services and other sources that R.J. O'Brien believes are reliable. We do not guarantee that such information is accurate or complete and it should not be relied upon as such. Trading advice reflects our good faith judgment at a specific time and is subject to change without notice. There is no guarantee that the advice we give will result in profitable trades.