

Fixed Income Group A Division of RJ O'Brien

The Missile www.fixedincomegroup.com

On Bloomberg: WECO <go> Economic Releases



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

1) Calendars • 2) Ale			ers\rchierici\Desktop\GIF\FE port • 4 Settings •	Digit		☑ Econo	mic Calend	dars
United States			6) Browse 08:31:53		04/2	24/24 🗎 ·	06/12/	[′] 24 ≝
Central Banks		Αl	l Central Banks		View	Agenda	a Weekl	y 🕰
Date Time A	М	R	Event	Period	Surv(M)	Actual	Prior Rev	vised
21) 04/30 09:00			FOMC Begins Two-Day Meeting					
22) 05/01 13:00			FOMC Ends Two-Day Meeting					
23) 05/01 13:00 📢	Û	all	FOMC Rate Decision (Upper Bound)	May 1	5.50%		5.50%	
24) 05/01 13:00	Ţ	al.	FOMC Rate Decision (Lower Bound)	May 1	5.25%		5.25%	
25) 05/01 13:30			Fed Chair Powell Holds Post-Meetin	g Press (Conferen	ce		
26) 05/03 18:45			Fed's Goolsbee Participates in Pane	el Discuss	sion			
27) 05/06 12:00			Fed's Williams Participates in Firesi	ide Chat				
28) 05/06 13:00			Senior Loan Officer Opinion Survey	on Bank	Lending	Practices		
29) 05/07 10:30			Fed's Kashkari Participates in Fires					
30) 05/08 12:30			Fed's Cook Speaks on Financial Stal	bility				
31) 05/10 11:45			Fed's Goolsbee Speaks in Moderated	d Q&A				
32) 05/13 23:00			Fed's Powell Speaks in Amsterdam					
33) 05/15			Fed Chair Powell, ECB's Knot Speak					
34) 05/16 14:50			Fed's Bostic Speaks in Moderated C	hat on Ed	conomy			
35) 05/20 07:45			Fed's Bostic Gives Welcome Remark	cs				
36) 05/20 08:00			Fed's Barr Gives Keynote Remarks					
37) 05/20 18:00			Fed's Bostic Moderates Keynote Rer	marks				
38) 05/21 08:10			Fed's Bostic Offers Brief Welcome R	Remarks				
39) 05/21 18:00			Fed's Bostic Moderates Panel with (Collins ar	nd Mester	r		
40) 05/22 13:00	Ţ	a l	FOMC Meeting Minutes	May 1				
41) 05/29 13:00			Federal Reserve Releases Beige Bo	ok				
42) 06/11 09:00			FOMC Begins Two-Day Meeting					
43) 06/12 13:00	Û	all	FOMC Rate Decision (Upper Bound)	Jun 12	5.50%			
44) 06/12 13:00			FOMC Ends Two-Day Meeting					
45) 06/12 13:00	Û	al.	FOMC Rate Decision (Lower Bound)	Jun 12	5.25%			
46) 06/12 13:30			Fed Chair Powell Holds Post-Meetin		Conferen	ce		
Australia 61: Japan 81 3 450	9777 55 890	8600)	Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germa Singapore 65 6212 1000 U.S. 1 212 318 2000 Si	лу 49 69 920 Соругіз N 848773 CDT	4 1210 Hong ht 2024 Blood GMT-5:00 G6	Kong 852 2977 mberg Finance 502—569—170 2	6000 L.P. 4—Apr—2024 08	:31:53

US Treasury Auction Schedule On Bloomberg: NI TRE <go>

Next Send - Actions 12:20:31 [BN]	→ Translate →						Ľ N a A A	
To see auction results click HERE								ı
To see auction re	SULLS CLICK HERE							
	Next Offer	Next	Date	CUSIP		\$	Prior	
Bill Auctions	Announcement	Auction	Settles	Numbers	R	Bil	Auction	
Cash mgmt. 42-day	05/02/2024	04/30/2024	05/02/2024	912797FS1		\$65	04/23/2024	
4-week	04/30/2024	05/02/2024	05/07/2024	TBA		TBA	04/25/2024	
8-week	04/30/2024	05/02/2024	05/07/2024	TBA		TBA	04/25/2024	
17-week	04/30/2024	05/01/2024	05/07/2024	TBA		TBA	04/24/2024	
3-month	05/02/2024	04/29/2024	05/02/2024	912797JU2		\$70	04/22/2024	
6-month	05/02/2024	04/29/2024	05/02/2024	912797HE0		\$70	04/22/2024	
1-year	05/09/2024	05/14/2024	05/16/2024	TBA		TBA	04/16/2024	
Note Auctions								
2-year	05/23/2024	05/28/2024	05/31/2024	TBA		TBA	04/23/2024	
3-year	05/01/2024	05/07/2024	05/15/2024	TBA		TBA	04/09/2024	
5-year	05/23/2024	05/28/2024	05/31/2024	TBA		TBA	04/24/2024	
7-year	05/23/2024	05/29/2024	05/31/2024	TBA		TBA	04/25/2024	
10-year	05/01/2024	05/08/2024	05/15/2024	TBA		TBA	04/10/2024	
Bond Auctions								
20-year	05/16/2024	05/22/2024	05/31/2024	TBA		TBA	04/17/2024	
30-year	05/01/2024	05/09/2024	05/15/2024	TBA		TBA	04/11/2024	
TIPS Auctions								
5-yr TIPS	06/13/2024	06/20/2024	06/28/2024	TBA		TBA	04/18/2024	

The World is Smoldering...

Kim Jong Un Tests New Rockets to Strike Seoul and Perhaps Sell to Putin

https://www.bloomberg.com/news/articles/2024-04-26/kim-jong-un-tests-new-rockets-to-strike-seoul-and-perhaps-sell-to-putin?srnd=politics-vp&sref=k5DuN3at

Leader Kim Jong Un oversaw tests of a new North Korean rocket system that could bolster his ability to attack Seoul and it may become a weapon he attempts to sell to Russia for use in its assault on Ukraine.

Kim watched the test-fire of a 240 millimeter multiple rocket launcher with shells coming from a newly established arms producer that "would bring about a strategic change in bolstering up the artillery force of the Korean People's Army," the official Korean Central News Agency reported Friday.

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Egypt Sends Negotiators to Israel, Fearing Time Is Running Out for Rafah

https://www.wsj.com/world/middle-east/egypt-sends-negotiators-to-israel-fearing-time-isrunning-out-for-rafah-91624dd4?mod=latest_headlines

Abbas Kamel, Egypt's chief of general intelligence, is leading a delegation that was set to meet with David Barnea, the head of Israel's Mossad intelligence agency, and an array of other top Israeli officials.

The talks are a last-minute attempt to negotiate a stop to the fighting in Gaza as Israel prepares to launch an assault on Rafah, a city on the Gaza Strip's border with Egypt, where more than a million Palestinian civilians are sheltering in the vicinity. Israeli officials have said in recent days that they are moving forward with the offensive soon, without specifying the timing of the attack.

Egyptian officials familiar with the negotiations say the talks toward a hostage deal have little chance of success, but hope to use the meetings to buy time for the U.S. and regional powers to pressure Israel to pause its plans to attack Rafah.

Blinken Meets With Xi as U.S. Pressures China to End Support for Russia

https://www.wsj.com/world/blinken-meets-with-xi-as-u-s-pressures-china-to-end-support-for-russia-96e831e0?mod=latest_headlines

Secretary of State Antony Blinken met with Chinese leader Xi Jinping on Friday as the U.S. urged Beijing to cut back on his nation's extensive support for Russia's defense industry.

Copper Hits \$10,000 a Ton as BHP Bid Shows Tight Supply Pipeline

https://www.bloomberg.com/?sref=k5DuN3at

Copper hit \$10,000 a ton for the first time in two years as speculation builds that the world's mines will struggle to meet a coming wave of demand from green industries.

The metal has reclaimed that threshold as a historic squeeze on supply of mined ores risks tilting the market into a major deficit, and investors turn increasingly optimistic about demand.

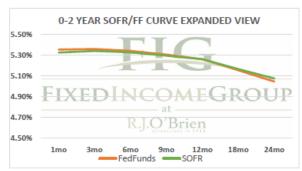
NATO chief chides China; Pentagon says weapons will reach Ukraine 'within days' https://www.cnbc.com/2024/04/26/live-updates-latest-news-on-russia-and-the-war-in-ukraine.html

The Pentagon says its deliveries of weapons from the latest U.S. support package for Kyiv are on their way and will arrive in the coming days, if not sooner. Russian officials have hit back at the news, saying the new arms provisions will harm the region's security but will not bring Ukraine any closer to defeating Russia.

NATO Secretary-General Jens Stoltenberg had some strong words for China, saying Beijing must end its support for Russia's war in Ukraine if it wants better relations with the West, and that it cannot have it "both ways."

	Date		Change
Term SOFR	4/26/2024 5:50	Settles	
1 Month		5.31573	-0.0025
3 Month		5.3295	0.00463
6 Month		5.31384	0.02018
12 Month		5.2438	0.04658
Term BSBY	4/26/2024 5:50	Settles	
1 Month		5.3352	-0.00995
3 Month		5.41445	0.00389
6 Month		5.4643	0.00215
12 Month		5.52616	0.00408

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							
5.32752%	5.34268%	5.32966%	5.29705%	5.26313%	5.16791%	5.07675%	4.97327%	
1.004439599	1.013505112	1.02709243	1.040463605	1.053362327	1.078667123	1.102945162	1.151270244	
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo	
4/26/2024	4/26/2024	4/26/2024	4/26/2024	4/26/2024	4/26/2024	4/26/2024	4/26/2024	
5/25/2024	7/25/2024	10/25/2024	1/25/2025	4/25/2025	10/25/2025	4/25/2026	4/25/2027	
30	91	183	275	365	548	730	1095	

	Term FedFunds from 1-day Returns							
5.35692%	5.36167%	5.34280%	5.30748%	5.26330%	5.15669%	5.04702%		
100.44641%	101.35531%	102.71593%	104.05433%	105.33640%	107.84963%	110.23423%		
1mo	3mo	6mo	9mo	12mo	18mo	24mo		
4/26/2024	4/26/2024	4/26/2024	4/26/2024	4/26/2024	4/26/2024	4/26/2024		
5/25/2024	7/25/2024	10/25/2024	1/25/2025	4/25/2025	10/25/2025	4/25/2026		
30	91	183	275	365	548	730		
						4/26/2024 5:55	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.

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US Interest Rate Probabilities WIRP [GO]



US-SWAP curve IRSB <GO>



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 SFRM4: **94.77**^ is the pivot point.

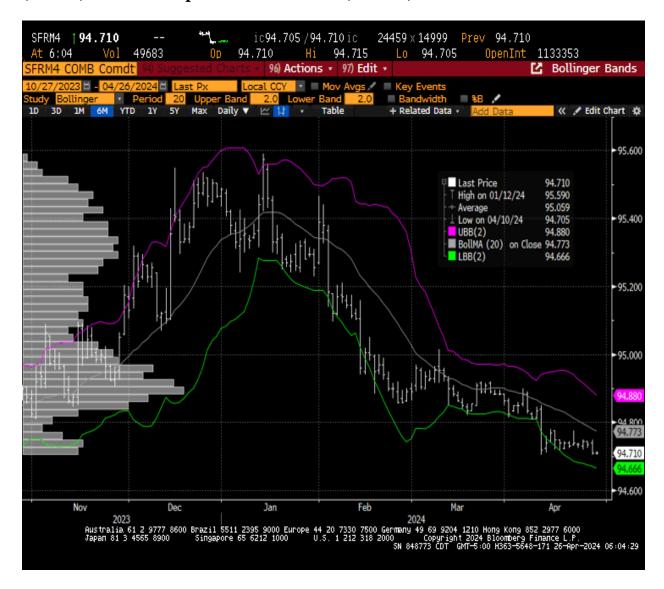
Above the pivot you should be long, below short.

Resistance is at 94.77^{and 94-88**}

Support is at **94-67****

^Pivot Point is a 20-day moving average.

The long position from 94.91 (3/20/24) has rolled over resulting in a 3-tick loss (\$75.00) and a short position from 94.88 (3/26/24).



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^{** 2-}STD Deviations from the pivot point.

Ultra 10-year Note (UXYM4): 111-20^ is the pivot point.

Above the pivot you should be long, below short.

Resistance is at 111-20[^] and 113-31**

Support is at **109-09****

^Pivot Point is a 20-day moving average.

The long position from 114-16 (3/1/24) has rolled over resulting in a 4-tick (\$100.00) loser and a short position from 114-12 (03/14/24).





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^{** 2-}STD Deviations from the pivot point.

EQUITIES



The S&P is +40 and the NASDAQ +187.

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

On Bloomberg type in ACDR <GO>

UK

In the UK the FTSE is at +0.45%. BOE Rate 5.25% (no change). Next meeting 05/09/24

EU:

The CAC Index is at +0.25%.
The DAX Index is at +0.74%.
ECB Main Refinancing Operations Rate 4.50% (no change).
Deposit Facility Rate 4.00%.
Next meeting 06/06/24

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Japan:

The TOPIX closed +0.86%. The NIKKEI closed +0.81%. BOJ Policy Balance Rate +0.10% Next meeting 04/26/24

China:

The Hang Seng closed +2.12%.

The Shanghai Composite closed +1.17%.

PBOC

Deposit Rate: 1.50%

1-Year Prime Rate: 3.45%7-Day Repo Rate: 1.9315%

Reserve Requirement Ratio: 10.50% (25 BP Cut)

Muni IG Curve

The S&P Municipal Bond Index and its sub-indices are market value-weighted and based on bonds that are tax-exempt but may be subject to alternative minimum tax (AMT). Data are available for 12/02/2009 through 09/20/2021.

 $\underline{https://emma.msrb.org/ToolsAndResources/MBISYieldCurve?daily=False}$

Date Range: 01/25/2024 to 04/25/2024 Indices: 5 selected 6 5.5 4.5 3 Ordan General Obligation Index S&P Municipal Bond High Yield Index S&P Municipal Bond Investment Grade Index S&P Municipal Bond Revenue Index

Historical Index Data

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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

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KC Federal Reserve Agricultural Finance Update FEBRUARY 8, 2024

Agricultural real estate values in the Tenth District remained resilient through the end of 2023. The value of nonirrigated farmland in the region grew around 10% from a year ago despite sharply higher interest rates and a moderation in farm income and credit conditions. Capital spending slowed, however, alongside higher rates and lower farm income. Demand for farm loans picked up for a growing share of lenders at the end of 2023, as lower crop prices and relatively stable production expenses have squeezed margins for some farm borrowers. https://www.kansascityfed.org/agriculture/ag-credit-survey/farmland-values-remain-resilient/

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

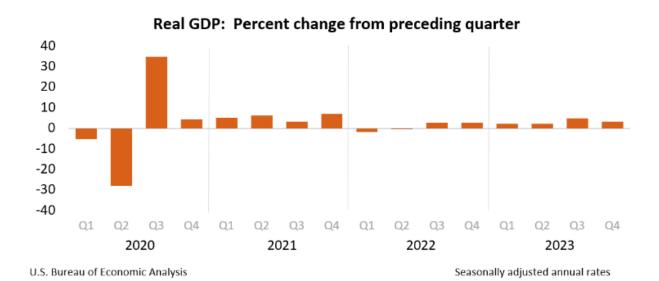
https://afdc.energy.gov/vehicles/how-do-fuel-cell-electric-cars-work

	rch and Data> s Dashboard (BI 3PLSG) Global ☆								
	s Dasiiboard (bi SPLSG) dibbat %r								
	Air Airport Ocean Ports U.S. Ex/Im	N.A. Surface	Mainland	China Fu	iel Surve	y Results			
ashboard Ho	North America Truck North America Rail								
dustry	View 12 Week Growth None							Curi	rency USD
_l uity	Name	04/12	04/05	03/29	03/22	03/15	03/08	03/01	02/23
odcasts	▼ Truckstop.com Stats								
Library	Average Market Demand Index (MDI)	57.41	58.54	54.84	56.13	54.33	54.41	49.37	45.52
arket Share	• U.S. Dry-Van Market Demand Index	65.11	61.40	47.80	47.55	50.64	52.24	43.25	44.32
acro	U.S. Flatbed Market Demand Index	87.00	91.74	94.88	98.01	88.69	86.90	79.40	69.44
dustry	▶ U.S. Temperature-Controlled Market De	60.34	55.19	62.14	59.37	62.78	64.37	64.28	58.20
ompany	• U.S. Specialty Market Demand Index	14.64	14.58	13.33	13.23	13.83	14.01	13.86	12.64
alyzer	, ,								
aluation	 Weekly Avg Truckload Rates Inc. Fuel Su 								
ontributors	 Average Rate Per Mile 	2.393	2.382	2.390	2.360	2.354	2.337	2.334	2.341
itor	Dry-Van Rate Per Mile	1.902	1.876	1.915	1.899	1.886	1.877	1.905	1.900
ews/Research	► Flatbed Rate Per Mile	2.499	2.480	2.486	2.441	2.446	2.429	2.424	2.429
ents	 Temperature Controlled Rate Per Mile 	2.163	2.176	2.247	2.200	2.222	2.183	2.158	2.205
omp Sheets arkets	Specialized Rate Per Mile	2.513	2.511	2.489	2.493	2.473	2.458	2.464	2.461
ii need	U.S. Fuel Surcharge	0.51	0.50	0.51	0.50	0.50	0.50	0.51	0.52
	Weekly average rates are weighted by the # of loads per day.								
	and a mass participal								
	Load Turnaround (minutes)	277.8	290.2	276.9	276.0	294.7	280.3	274.3	268.9
	Truck Turnaround (minutes)	1,090.7	1,067.6	1,061.9	1,088.7	1,099.1	1,056.2	1,082.2	1,088.3
	Truckers Looking for Loads	28.081M	27.291M	26.046M	28.705M	28.407M	29.127M	29.717M	30.917M
	Shippers Looking for Truckers	85,962.0	85,222.0	85,115.0	83,550.0	82,107.0	84,666.0	83,351.0	92,959.0
	Truckers' Average Credit Scores	20.3	20.3	20.2	20.2	20.2	20.2	20.3	20.2

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



Latest estimate: 2.7 percent -- April 24, 2024

The GDPNow model estimate for real GDP growth (seasonally adjusted annual rate) in the first quarter of 2024 is **2.7 percent** on April 24, down from 2.9 percent on April 16. After recent releases from the US Census Bureau and the National Association of Realtors, the nowcasts of first-quarter real personal consumption expenditures growth and first-quarter real gross private domestic investment growth decreased from 3.5 percent and 3.7 percent, respectively, to 3.3 percent and 3.5 percent.

This is the last GDPNow forecast for the first quarter. The first GDPNow forecast for the second quarter will be on **Friday**, **April 26**.

St. Louis Fed GDP Now Q1 2024 2.70% 04/24/2024

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

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MANUFACTURING AT A GLANCE March 2024

Index	Series Index Mar	Series Index Feb	Percentage Point Change	Direction	Rate of Change	Trend* (Months)		
Manufacturing PMI [®]	50.3	47.8	+2.5	Growing	From Contracting	1		
New Orders	51.4	49.2	+2.2	Growing	From Contracting	1		
Production	54.6	48.4	+6.2	Growing	From Contracting	1		
Employment	47.4	45.9	+1.5	Contracting	Slower	6		
Supplier Deliveries	49.9	50.1	-0.2	Faster	From Slower	1		
Inventories	48.2	45.3	+2.9	Contracting	Slower	14		
Customers' Inventories	44.0	45.8	-1.8	Too Low	Faster	4		
Prices	55.8	52.5	+3.3	Increasing	Faster	3		
Backlog of Orders	46.3	46.3	0.0	Contracting	Same	18		
New Export Orders	51.6	51.6	0.0	Growing	Same	2		
Imports	53.0	53.0	0.0	Growing	Same	3		
	OVERALL	ECONOMY		Growing	Faster	47		
	Manufact	uring Sector	Manufacturing Sector					

Manufacturing ISM® Report On Business® data is seasonally adjusted for the New Orders, Production, Employment and Inventories indexes.

THE LAST 12 MONTHS

Month	Manufacturing PMI [®]
Mar 2024	50.3
Feb 2024	47.8
Jan 2024	49.1
Dec 2023	47.1
Nov 2023	46.6
Oct 2023	46.9

Month	Manufacturing PMI [®]
Sep 2023	48.6
Aug 2023	47.6
Jul 2023	46.5
Jun 2023	46.4
May 2023	46.6
Apr 2023	47.0

Average for 12 months - 47.5 High - 50.3 Low - 46.4

 $\underline{https://www.ismworld.org/supply-management-news-and-reports/reports/ism-report-on-business/pmi/march/}\\$

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

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

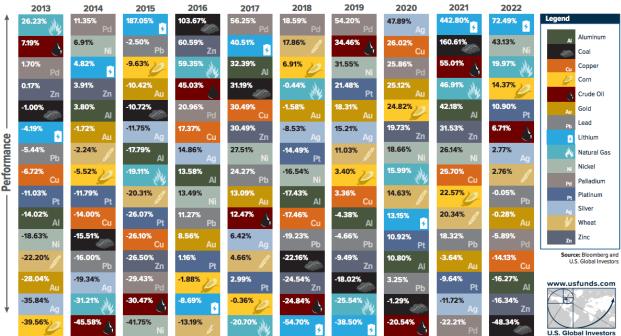
http://foreignassistance.gov/

How much aid do we give around the world?

https://usaid.gov

How Natural Resources have performed over the last 10 years.

The Periodic Table of Commodities Returns 2022



Natural resources are the building blocks of the world, essential to progress and prosperity. These commodities, like all investments, can have wide price fluctuations over time. This table shows the ebb and flow of commodity prices over the past decade and illustrates the principle of mean reversion—the concept that returns eventually move back towards their mean or average. The price movement of commodities is historically both seasonal and cyclical. That's why when investing in natural resources, we believe it is important for your portfolio to hold a diversified basket of commodities and to be actively managed by professionals who understand these specialized assets and the global trends impacting them. As with all investments, diversification does not protect an investor from market risks and does not assure a profit, and of course, past performance does not quarantee future results. Returns are based on historical spot prices or futures prices.

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

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