



Fixed Income Group A Division of RJ O'Brien

The Missile

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United States 11:36:07 08/15/22 - 08/19/22

Economic Releases All Economic Releases View Agenda Weekly

Date	Time	A	M	R	Event	Period	Surv(M)	Actual	Prior	Revised
21)	08/15 07:30				Empire Manufacturing	Aug	5.0	--	11.1	--
22)	08/15 09:00				NAHB Housing Market Index	Aug	55	--	55	--
23)	08/15 15:00				Net Long-term TIC Flows	Jun	--	--	\$155.3b	--
24)	08/15 15:00				Total Net TIC Flows	Jun	--	--	\$182.5b	--
25)	08/16 07:30				Building Permits	Jul	1645k	--	1685k	1696k
26)	08/16 07:30				Building Permits MoM	Jul	-3.0%	--	-0.6%	0.1%
27)	08/16 07:30				Housing Starts	Jul	1532k	--	1559k	--
28)	08/16 07:30				Housing Starts MoM	Jul	-1.7%	--	-2.0%	--
29)	08/16 08:15				Industrial Production MoM	Jul	0.3%	--	-0.2%	--
30)	08/16 08:15				Capacity Utilization	Jul	80.2%	--	80.0%	--
31)	08/16 08:15				Manufacturing (SIC) Production	Jul	0.2%	--	-0.5%	--
32)	08/17 06:00				MBA Mortgage Applications	Aug 12	--	--	0.2%	--
33)	08/17 07:30				Retail Sales Advance MoM	Jul	0.1%	--	1.0%	--
34)	08/17 07:30				Retail Sales Ex Auto MoM	Jul	-0.1%	--	1.0%	--
35)	08/17 07:30				Retail Sales Ex Auto and Gas	Jul	0.3%	--	0.7%	--
36)	08/17 07:30				Retail Sales Control Group	Jul	0.6%	--	0.8%	--
37)	08/17 09:00				Business Inventories	Jun	1.4%	--	1.4%	--
38)	08/17 13:00				FOMC Meeting Minutes	Jul 27	--	--	--	--
39)	08/18 07:30				Initial Jobless Claims	Aug 13	265k	--	262k	--
40)	08/18 07:30				Continuing Claims	Aug 6	--	--	1428k	--
41)	08/18 07:30				Philadelphia Fed Business Outlook	Aug	-4.5	--	-12.3	--
42)	08/18 09:00				Existing Home Sales	Jul	4.85m	--	5.12m	--
43)	08/18 09:00				Existing Home Sales MoM	Jul	-5.3%	--	-5.4%	--
44)	08/18 09:00				Leading Index	Jul	-0.5%	--	-0.8%	--

Australia 61 2 9777 8600 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000  
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 SN 848773 ED1 GMT-5:00 H139-2219-172 12-Aug-2022 11:36:07

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

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United States 6) Browse 11:43:29 08/15/22 - 11/30/22

Central Banks All Central Banks View Agenda Weekly

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21)	08/17 13:00				FOMC Meeting Minutes	Jul 27	--	--	--	--
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23)	08/18 12:45				Fed's Kashkari speaks in Q&A					
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27)	08/26 09:00				Kansas City Fed Hosts Annual Jackson Hole Forum Aug. 25-27					
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30)	09/07 13:00				U.S. Federal Reserve Releases Beige Book					
31)	09/08 08:10				Powell Speaks at Monetary Policy Conference					
32)	09/21 13:00				FOMC Rate Decision (Lower Bound)	Sep 21	2.75%	--	2.25%	--
33)	09/21 13:00				FOMC Rate Decision (Upper Bound)	Sep 21	3.00%	--	2.50%	--
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They Said it:

### China Growth Slows Across All Fronts in July, Prompting Unexpected Rate Cut

[https://www.wsj.com/articles/china-growth-slows-across-all-fronts-in-july-as-real-estate-weighs-11660545532?mod=hp\\_lead\\_pos1](https://www.wsj.com/articles/china-growth-slows-across-all-fronts-in-july-as-real-estate-weighs-11660545532?mod=hp_lead_pos1)

On Monday, the People's Bank of China cut by 0.1 percentage point two key interest rates and pumped the equivalent of \$59.3 billion into the financial system to rev up lending and wider economic growth. The unexpected move marked a small step toward more support for China's economy and may foreshadow further cuts to borrowing costs in the months ahead, some economists said.

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### **China's consumer and factory data miss expectations in July**

<https://www.cnbc.com/2022/08/15/chinas-consumer-and-factory-data-miss-expectations-in-july.html>

Retail sales grew by 2.7% in July from a year ago, the National Bureau of Statistics said Monday. That's well below the 5% growth forecast by a Reuters poll, and down from growth of 3.1% in June. Within retail sales, catering, furniture, and construction-related categories saw declines.

Industrial production rose by 3.8%, also missing expectations for 4.6% growth and a drop from the prior month's 3.9% increase.

### **Russia's Goal in Attack on Nuclear Plant: Take the Electricity, Ukraine Says**

[https://www.wsj.com/articles/russia-goal-ukraine-nuclear-plant-take-electricity-11660505601?mod=hp\\_lead\\_pos5](https://www.wsj.com/articles/russia-goal-ukraine-nuclear-plant-take-electricity-11660505601?mod=hp_lead_pos5)

The first sign of danger came when the dwindling crew of Ukrainian technicians running the Zaporizhzhia nuclear-power station noticed that officers from Russia's state atomic energy company had left the premises without explanation. It was Aug. 5, and Russian soldiers were patrolling the facility.

### **What a Chinese Blockade of Taiwan Would Mean for Global Business**

[https://www.wsj.com/articles/what-a-chinese-blockade-of-taiwan-would-mean-for-global-business-11660557601?mod=hp\\_featst\\_pos3](https://www.wsj.com/articles/what-a-chinese-blockade-of-taiwan-would-mean-for-global-business-11660557601?mod=hp_featst_pos3)

Taiwan accounts for roughly 70% of the world's microchip supply. It serves as an important part of the production chain for goods including smartphones, computers, and cars. And it sits next to Pacific shipping lanes that channel trillions of dollars' worth of trade flowing in and out of East Asia.

### **German Refinery Reliant on Russia Is Now Using Oil From the US**

<https://www.bloomberg.com/news/articles/2022-08-15/german-refinery-reliant-on-russia-is-now-using-oil-from-the-us?srnd=premium&sref=k5DuN3at>

US crude brought in from Rostock on Germany's Baltic coast currently accounts for about 20% of what the refinery is processing, the person said. The port recently took delivery of its first cargo of [US oil](#) in at least half a decade. Operator PCK couldn't immediately be reached by phone for comment.

### **JPMorgan Says the Stock Rally Has Legs. Morgan Stanley Disagrees**

<https://www.bloomberg.com/news/articles/2022-08-15/jpmorgan-says-the-stock-rally-has-legs-morgan-stanley-disagrees?srnd=premium&sref=k5DuN3at>

[Morgan Stanley](#) strategists said in a note Monday that the sharp rally since June is just a pause in the bear market, predicting that share prices will slide in the second half of the year as profits weaken, interest rates keep rising and the economy slows. But rivals at [JPMorgan Chase & Co.](#) said the rally -- which has pushed up the tech-heavy Nasdaq 100 index by over 20% -- could run through the end of the year.

### **Ukraine Latest: First UN Wheat Cargo Sets Sail for Ethiopia**

<https://www.bloomberg.com/news/articles/2022-08-14/ukraine-latest-focus-on-kherson-kyiv-urges-more-artillery?sref=k5DuN3at>

Brave Commander, the first vessel chartered by the UN's World Food Program since the reopening of

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Ukraine's Black Sea ports under a safe-transit agreement, has departed with a 23,000-ton cargo of wheat for famine-struck Ethiopia.

## US Treasury Auction Schedule

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Previous Next Send Actions Translate News: News Story

08/11/2022 12:14:13 [BN]

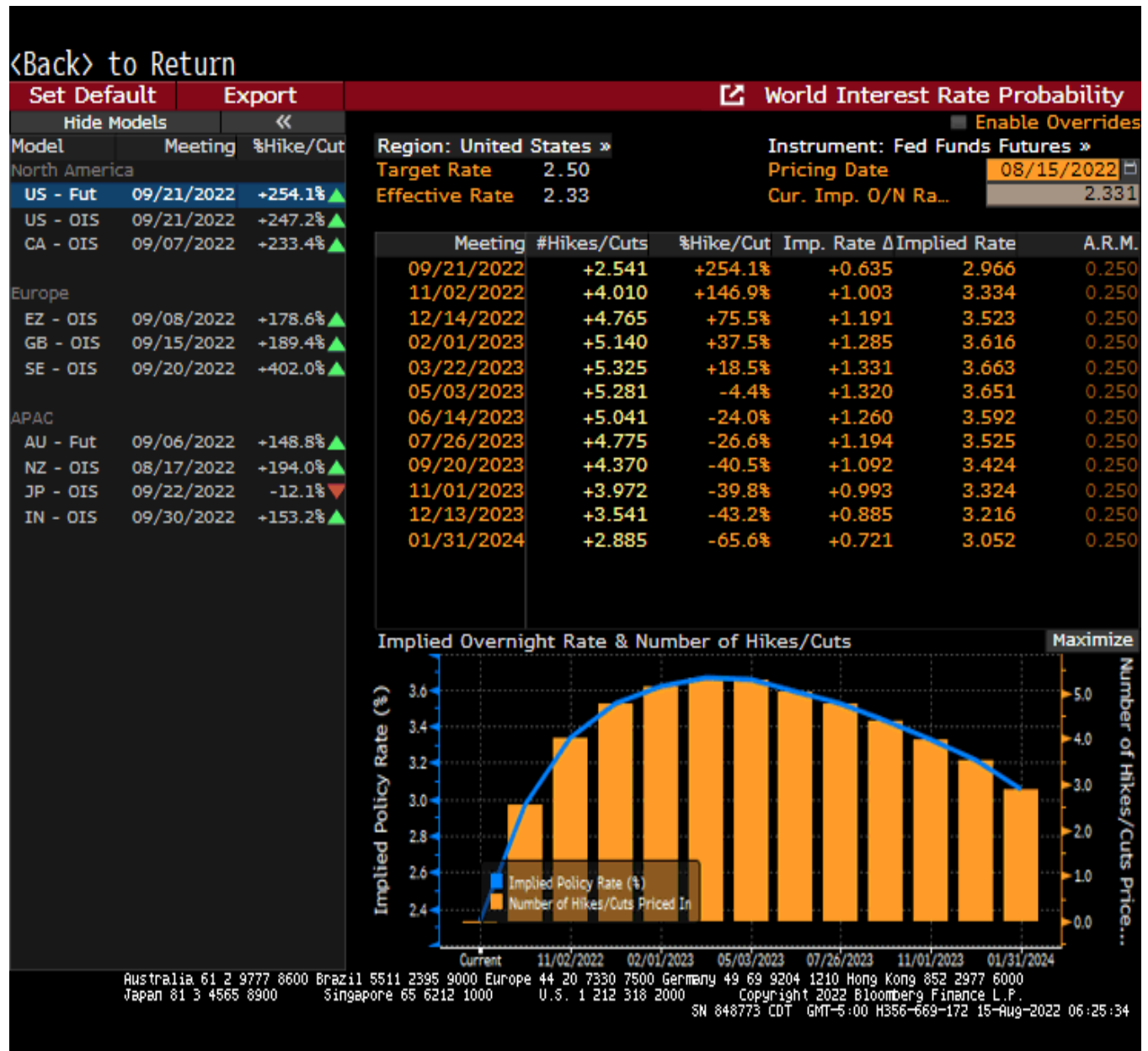
	Next Offer	Next	Date	CUSIP		\$	Prior	Prior
Bill Auctions	Announcement	Auction	Settles	Numbers	R	Bill	Auction	\$ Bln
4-week	08/16/2022	08/18/2022	08/23/2022	TBA		TBA	08/11/2022	\$55
8-week	08/16/2022	08/18/2022	08/23/2022	TBA		TBA	08/11/2022	\$50
3-month	08/18/2022	08/15/2022	08/18/2022	912796W62		\$54	08/08/2022	\$54
6-month	08/18/2022	08/15/2022	08/18/2022	912796YA1		\$42	08/08/2022	\$42
1-year	09/01/2022	09/06/2022	09/08/2022	TBA		TBA	08/09/2022	\$34
<b>Note Auctions</b>								
2-year	08/18/2022	08/23/2022	08/31/2022	TBA		TBA	07/25/2022	\$45
3-year	09/08/2022	09/12/2022	09/15/2022	TBA		TBA	08/09/2022	\$42
5-year	08/18/2022	08/24/2022	08/31/2022	TBA		TBA	07/26/2022	\$46
7-year	08/18/2022	08/25/2022	08/31/2022	TBA		TBA	07/28/2022	\$38
10-year	09/08/2022	09/12/2022	09/15/2022	TBA	R	TBA	08/10/2022	\$35
<b>Bond Auctions</b>								
20-year	09/15/2022	08/17/2022	08/31/2022	912810TK4		\$15	07/20/2022	\$14
30-year	09/08/2022	09/13/2022	09/15/2022	TBA		TBA	08/11/2022	\$21
<b>TIPS Auctions</b>								
5-yr TIPS	10/13/2022	10/20/2022	10/31/2022	TBA		TBA	06/23/2022	\$18
10-yr TIPS	09/15/2022	09/22/2022	09/30/2022	TBA	R	TBA	07/21/2022	\$17
30-yr TIPS	TBA	08/18/2022	08/31/2022	912810TE8	R	\$8	02/17/2022	\$9
<b>Floating Rate Note</b>								
2-year FRN	08/18/2022	08/24/2022	08/26/2022	TBA	R	TBA	07/27/2022	\$26
<b>Buyback Operation</b>								
Buyback	TBA	TBA	TBA	TBA		TBA	11/14/2018	\$0.025

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**Current Implied Probability of Fed Rate Movement (Futures)  
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**FOMC Projections Materials, Accessible Version**

<https://www.federalreserve.gov/monetarypolicy/fomcprojt20220615.htm>

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### Select STIR Settles

	Date	Settles	Change
AMERIBOR	8/14/22		
1 Month		2.44253	-0.00525
3 Month		2.72667	0.00513
6 Month		3.17969	0.00569
12 Month		3.50644	0.00836
LIBOR	8/15/22		
1 Month		2.37971	-0.00715
3 Month		2.94186	0.02029
6 Month		3.53300	0.02371
12 Month		3.99457	0.03557
BSBY INDEX	8/15/22		
1 Month		2.33808	-0.00317
3 Month		2.87414	-0.01733
6 Month		3.44047	-0.02645
12 Month		3.89078	-0.03561
SOFR RATES	8/15/22		
SOFR O/N Fix		2.28000	0.00000
1 Month		2.36162	0.00617
3 Month		2.68491	0.01246
6 Month		3.07613	0.00664
12 Month		3.38352	0.02014

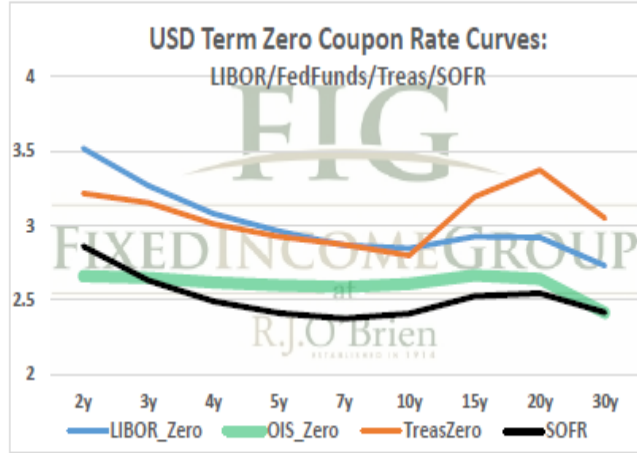
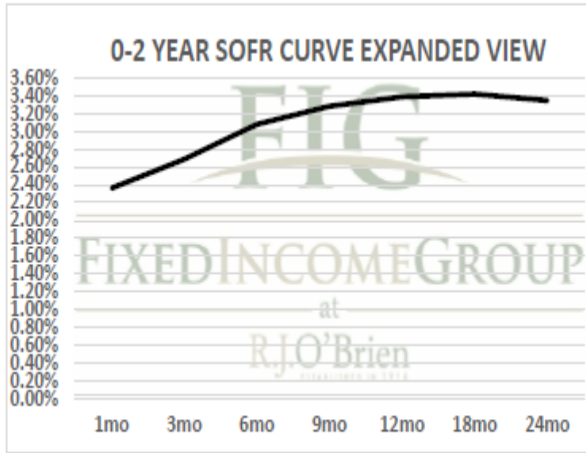
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# THE STIR CURVE: Distributed by The Fixed Income Group at RJ O'Brien

Making the change from LIBOR to a new reference rate is not an insignificant exercise. It will take planning and changes to processes and systems. Sonia and SOFR appear likely to offer a few options for users: compounded, setting in arrears (currently used in OIS markets) or a term rate setting in advance like LIBOR. You have questions, we have answers.



\*\* 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							
2.36162%	2.68491%	3.07613%	3.27974%	3.38352%	3.41561%	3.34266%	3.15540%
1.00203362	1.006861435	1.015722442	1.02487139	1.034305137	1.052088005	1.067874554	1.096064386
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022
9/11/2022	11/11/2022	2/11/2023	5/11/2023	8/11/2023	2/11/2024	8/11/2024	8/11/2025
31	92	184	273	365	549	731	1096
AMERIBOR 30T Term Curve							
2.44253%	2.72667%	3.17969%	3.39484%	3.50664%	3.54469%	3.47572%	3.29250%
1.00122055	1.00585925	1.014936364	1.02438642	1.034213636	1.052823556	1.069458254	1.099227994
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo
8/1/2022	8/1/2022	8/1/2022	8/1/2022	8/1/2022	8/1/2022	8/1/2022	8/1/2022
9/1/2022	11/1/2022	2/1/2023	5/1/2023	8/1/2023	2/1/2024	8/1/2024	8/1/2025
31	92	184	273	365	549	731	1096

For more information on the Libor replacement, contact: Rocco Chierici: 312-373-5439 SVP the Fixed Income Group at F  
Corrine Baynes: 800-367-3349 VP the Fixed Income Group at R

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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,  
a proxy in futures.

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**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.**

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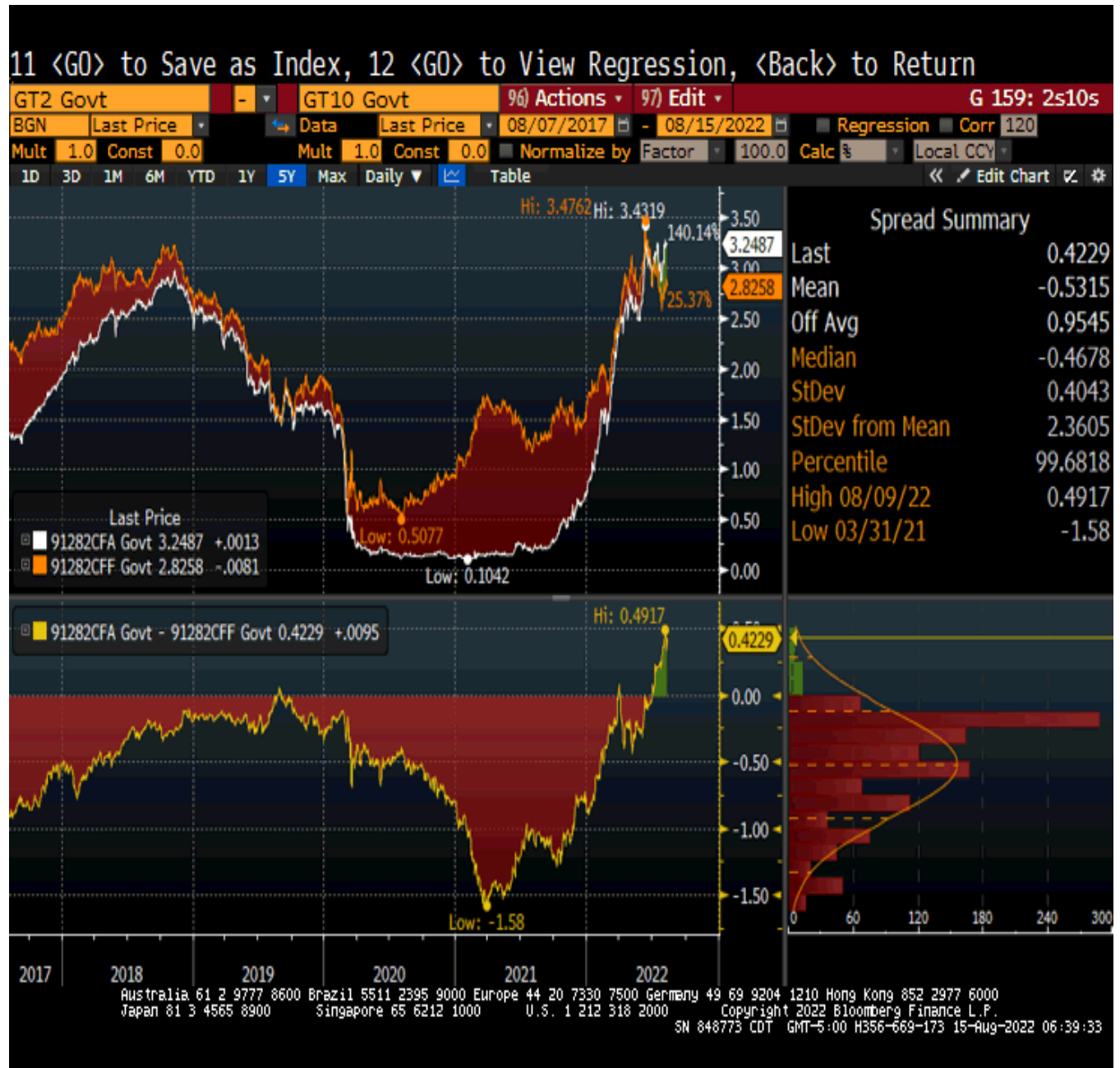
**US-SWAP curve**  
**IRSB <GO>**



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# Treasury 2s/10s



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## THE TREND

**EDH3: 96-30 is the pivot point**

**Above the pivot you should be long, below short.**

**Resistance is at 96-66\*\***

**Support is at 96-30^ and 95-94\*\***

^Pivot Point is a 20-day moving average.

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

Position in EDH3 that had you long from 96.66 (5/18/22) has rolled over, resulting in a 4-tick winner and a new short from 96.70 (6/1/22). I have elected to override the buy signal and remain short.



**YTD (per contract)**

**2022 +178 (\$4,450.00)**

**2021 -1.75 (-\$43.75)**

**2020 +152 ticks (+\$3,800.00)**

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**Ultra 10-year Note (UXYU2): 129-17 is the pivot point.**

Above the pivot you should be long, below short.

Resistance is at **131-31\*\***

Support is at **129-17^** and **127-05**

\*\*^Pivot Point is a 20-day moving average.

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

**New position has you short from 125-26 (6/24/22) has rolled over resulting in a 14-tick (\$437.50) winner and a new long from 125-12 (6/29/22).**



**YTD (per contract)**

**(2022) +557 futures ticks (\$31.25 per tick) or +\$17,406.25.**

**(2021) +403 futures ticks (\$31.25 per tick) or +\$12,593.75**

**(2020) +428.5 futures ticks (\$31.25 per tick) or +\$12,093.75**

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## EQUITIES

The S&P is **-8** and the NASDAQ is **-64**.

Earnings:

[www.moneycentral.msn.com/investor/market/earncalendar](http://www.moneycentral.msn.com/investor/market/earncalendar)

On Bloomberg type in **ACDR <GO>**



## UK

In the UK the FTSE closed **-0.17%**.

BOE Rate **1.25%** (.25% increase).

Next meeting **09/15/22**

## EU:

The CAC Index closed **+0.10%**.

The DAX Index closed **+0.00%**.

ECB Main Refinancing Operations Rate **0.50%** (+0.50% increase).

Deposit Facility Rate **.0%** (+0.50% increase).

Next meeting **09/08/22**

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## Japan:

The TOPIX closed **+0.60%**.

The NIKKEI closed **+1.14%**.

BOJ Policy Balance Rate **-0.10%** (No Change).

Next meeting **09/22/22**

## China:

The Hang Seng Index closed **-0.67%**.

The Shanghai Composite closed **-0.02%**.

## PBOC

Deposit Rate: **0.97%**

Lending Rate: **0.75%**

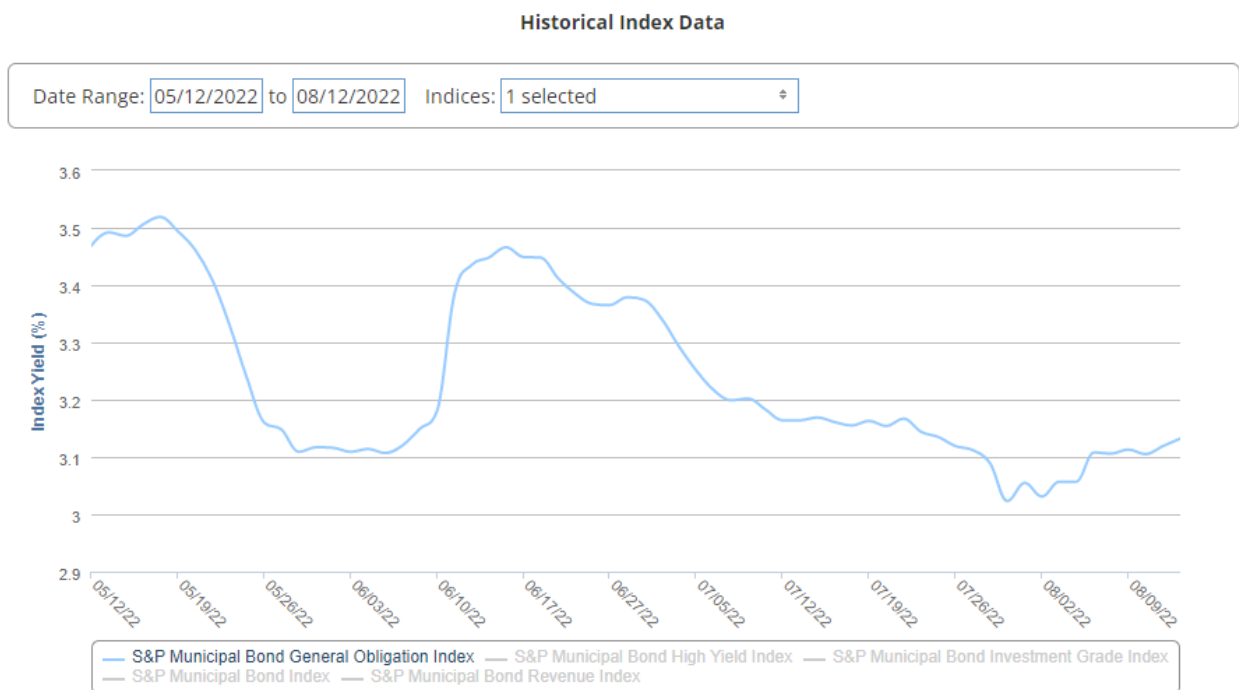
7-Day Repo Rate: **2.0296%**

Reserve Requirement Ratio: **11.50%**

## 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.

<https://emma.msrb.org/ToolsAndResources/MBISYieldCurve?daily=False>



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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**

**JULY 29, 2022**

Larger sized loans continued to boost lending activity in the second quarter while farm loan interest rates edged higher.

<https://www.kansascityfed.org/agriculture/agfinance-updates/Farm-Lending-and-Interest-Rates-Tick-Up/>

Larger sized loans continued to boost lending activity in the second quarter while farm loan interest rates edged higher. The volume of non-real estate agricultural loans grew at a steady pace alongside an increase in the number and average size of loans. Interest rates remained historically low but continued to increase from recent quarters on nearly all types of farm loans, as benchmark rates rose further. The average maturity of some types of loans, particularly real estate loans, also increased during the quarter and were above recent historic averages.

## **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](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>

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## Trailer Truck Demand 8/8/22

North American spot trucking market relative demand declined 3.2% sequentially in the week ended Aug. 5, based on Truckstop.com's Market Demand Index. The move was driven by a 9% drop in available loads outpacing the 6% decrease in available trucks. Trucking capacity has surged 50% on average quarter-to-date, following a rush of truckers entering the market to take advantage of strong rates. During the same period, rates -- excluding fuel surcharges -- have fallen 15%. Newer capacity has higher cost bases, given the rise in equipment and fuel prices, which may force some out, helping to rebalance the market. Spot rates, excluding fuel surcharges, moved 2.8% lower for the week.

Schneider, Knight-Swift, J.B. Hunt and Werner operate mostly in the contract market, with varying spot exposure.



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## Rail Traffic

For this week, total U.S. weekly rail traffic was 496,526 carloads and intermodal units, down 2.6 percent compared with the same week last year.

Total carloads for the week ending August 6 were 230,573 carloads, down 1.6 percent compared with the same week in 2021, while U.S. weekly intermodal volume was 265,953 containers and trailers, down 3.4 percent compared to 2021.

Four of the 10 carload commodity groups posted an increase compared with the same week in 2021. They included grain, up 1,809 carloads, to 19,916; nonmetallic minerals, up 633 carloads, to 34,409; and farm products excl. grain, and food, up 378 carloads, to 15,618. Commodity groups that posted decreases compared with the same week in 2021 included miscellaneous carloads, down 2,260 carloads, to 7,901; chemicals, down 1,385 carloads, to 32,287; and coal, down 1,076 carloads, to 65,812.

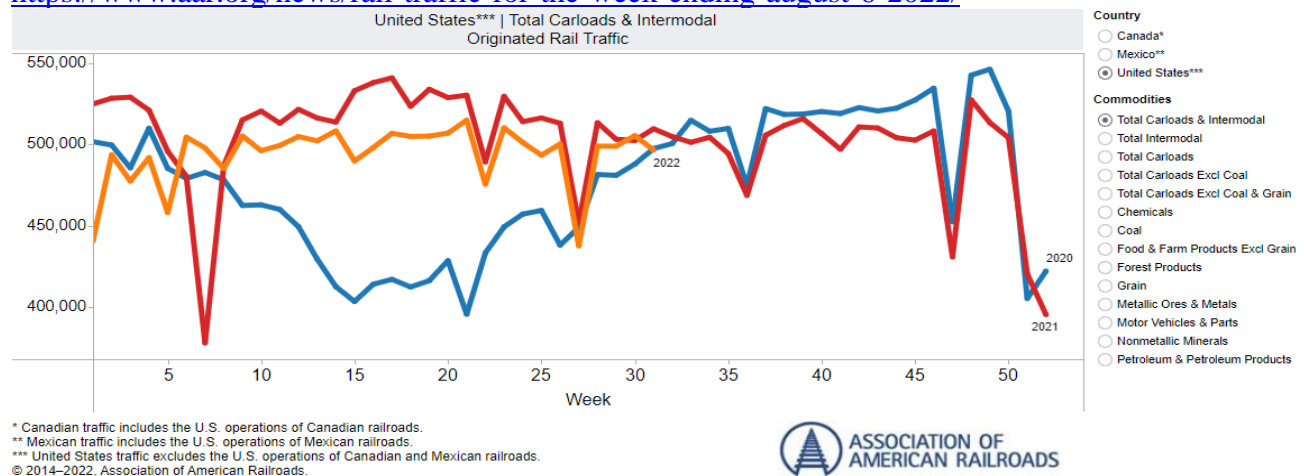
For the first 31 weeks of 2022, U.S. railroads reported cumulative volume of 7,131,393 carloads, down 0.1 percent from the same point last year; and 8,178,585 intermodal units, down 5.7 percent from last year. Total combined U.S. traffic for the first 31 weeks of 2022 was 15,309,978 carloads and intermodal units, a decrease of 3.2 percent compared to last year.

North American rail volume for the week ending August 6, 2022, on 12 reporting U.S., Canadian and Mexican railroads totaled 327,633 carloads, down 0.1 percent compared with the same week last year, and 354,967 intermodal units, down 1.2 percent compared with last year. Total combined weekly rail traffic in North America was 682,600 carloads and intermodal units, down 0.7 percent. North American rail volume for the first 31 weeks of 2022 was 20,917,514 carloads and intermodal units, down 3 percent compared with 2021.

Canadian railroads reported 74,899 carloads for the week, up 3.2 percent, and 73,082 intermodal units, up 6.7 percent compared with the same week in 2021. For the first 31 weeks of 2022, Canadian railroads reported cumulative rail traffic volume of 4,447,124 carloads, containers and trailers, down 3.5 percent.

Mexican railroads reported 22,161 carloads for the week, up 4.8 percent compared with the same week last year, and 15,932 intermodal units, up 2.7 percent. Cumulative volume on Mexican railroads for the first 31 weeks of 2022 was 1,160,412 carloads and intermodal containers and trailers, up 1.3 percent from the same point last year.

<https://www.aar.org/news/rail-traffic-for-the-week-ending-august-6-2022/>



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## GDP

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

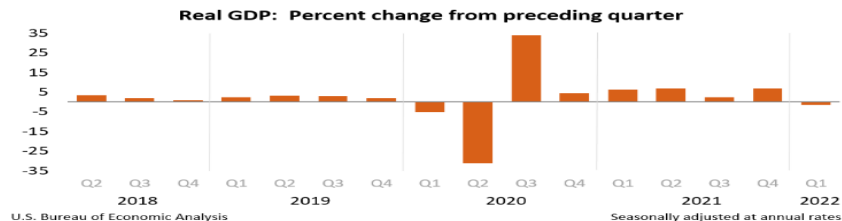
<http://www.bea.gov/newsreleases/national/gdp/gdpnewsrelease.htm>

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

### Gross Domestic Product, First Quarter 2022 (Advance Estimate)

Real gross domestic product (GDP) decreased at an annual rate of 1.4 percent in the first quarter of 2022 (table 1), according to the "advance" estimate released by the Bureau of Economic Analysis. In the fourth quarter, real GDP increased 6.9 percent.

The GDP estimate released today is based on source data that are incomplete or subject to further revision by the source agency (refer to "Source Data for the Advance Estimate" on page 3). The "second" estimate for the first quarter, based on more complete data, will be released on May 26, 2022



The decrease in real GDP reflected decreases in private inventory investment, exports, federal government spending, and state and local government spending, while imports, which are a subtraction in the calculation of GDP, increased. Personal consumption expenditures (PCE), nonresidential fixed investment, and residential fixed investment increased (table 2).

**As of 8/10/22 GDP 3Q 2022 is forecast at  $+2.475\%$ .**

**\*An average of the Atlanta and St. Louis GDP Nowcasts**

**Latest estimate: 2.5 percent — August 10, 2022**

The GDPNow model estimate for real GDP growth (seasonally adjusted annual rate) in the third quarter of 2022 is **2.5 percent** on August 10, up from 1.4 percent on August 4. After recent releases from the US Bureau of Labor Statistics and the US Census Bureau, the nowcast of third-quarter real personal consumption expenditures growth, third-quarter real gross private domestic investment growth, and third-quarter real government spending growth increased from 1.8 percent to 2.7 percent, -0.3 percent to 0.2 percent, and 1.4 percent to 1.7 percent, respectively, while the nowcast of the contribution of the change in real net exports to third-quarter real GDP growth decreased from 0.35 percentage points to 0.30 percentage points.

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

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

**St. Louis Fed: Real GDP Nowcast 3Q 2022  $+2.45\%$  as of August 10, 2022.**

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

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## Manufacturing at a Glance

July 2022

Index	Series Index Jul	Series Index Jun	Percentage Point Change	Direction	Rate of Change	Trend* (Months)
Manufacturing PMI®	52.8	53.0	-0.2	Growing	Slower	26
New Orders	48.0	49.2	-1.2	Contracting	Faster	2
Production	53.5	54.9	-1.4	Growing	Slower	26
Employment	49.9	47.3	+2.6	Contracting	Slower	3
Supplier Deliveries	55.2	57.3	-2.1	Slowing	Slower	77
Inventories	57.3	56.0	+1.3	Growing	Faster	12
Customers' Inventories	39.5	35.2	+4.3	Too Low	Slower	70
Prices	60.0	78.5	-18.5	Increasing	Slower	26
Backlog of Orders	51.3	53.2	-1.9	Growing	Slower	25
New Export Orders	52.6	50.7	+1.9	Growing	Faster	25
Imports	54.4	50.7	+3.7	Growing	Faster	2
<b>OVERALL ECONOMY</b>				Growing	Slower	26
<b>Manufacturing Sector</b>				Growing	Slower	26

Manufacturing ISM® *Report On Business*® 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®	Month	Manufacturing PMI®
Jul 2022	52.8	Jan 2022	57.6
Jun 2022	53.0	Dec 2021	58.8
May 2022	56.1	Nov 2021	60.6
Apr 2022	55.4	Oct 2021	60.8
Mar 2022	57.1	Sep 2021	60.5
Feb 2022	58.6	Aug 2021	59.7

Average for 12 months - 57.6  
High - 60.8  
Low - 52.8

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

**US Census Bureau (Manufacturers' Shipments, Inventories and Orders).**

<http://www.census.gov/manufacturing/m3/>

**Ranking of Countries by Military might.**

[www.military.com](http://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](http://www.usafacts.org)

**US Foreign Assistance**

<http://foreignassistance.gov/>

**How much aid do we give around the world?**

<https://explorer.usaid.gov>

**CBOT Non-Commercial Net Total – Futures Only**

<http://www.cmegroup.com/trading/interest-rates/cftc-tff/main.html>

**How Natural Resources have performed over the last 10 years**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Key
Aluminum	19.19%	26.23%	11.35%	-2.50%	103.67%	56.25%	18.59%	54.20%	47.89%	160.61%	Aluminum
Coal	15.19%	7.19%	6.91%	-9.63%	60.59%	32.39%	17.86%	34.46%	26.02%	55.01%	Coal
Copper	12.16%	1.70%	3.91%	-10.42%	59.35%	31.19%	6.91%	31.55%	25.86%	46.91%	Copper
Corn	12.11%	0.17%	3.80%	-10.72%	45.03%	30.49	-0.44%	21.48%	25.12%	42.18%	Corn
Gas	8.98%	-1.00%	-1.72%	-11.75%	20.96%	30.49%	-1.58%	18.31%	24.82%	31.53%	Gas
Gold	8.00%	-5.44%	-2.24%	-17.79%	17.37%	30.49%	-8.53%	15.21%	19.73%	26.14%	Gold
Lead	7.52%	-6.72%	-5.52%	-19.11%	14.86%	27.51%	-14.49%	11.03%	18.66%	25.70%	Lead
Nickel	7.14%	-11.03%	-11.79%	-20.31%	13.58%	24.27%	-16.54%	3.40%	15.99%	22.57%	Nickel
Oil	4.18%	-14.02%	-14.00%	-26.07%	13.49%	13.09%	-17.43%	3.36%	14.63%	20.34%	Oil
Palladium	2.33%	-18.63%	-15.51%	-26.10%	11.27%	12.47%	-17.46%	-4.38%	10.92%	18.32%	Palladium
Platinum	-7.09%	-22.20%	-16.00%	-26.50%	8.56%	6.42%	-19.23%	-4.66%	10.80%	-3.64%	Platinum
Silver	-9.22%	-28.04%	-19.34%	-29.43%	1.16%	4.66%	-22.16%	-9.49%	3.25%	-9.64%	Silver
Wheat	-16.78%	-35.84%	-31.21%	-30.47%	-1.88%	2.99%	-24.54%	-18.02%	-1.29%	-11.72%	Wheat
Zinc		-39.56%	-45.58%	-41.75%	-13.19%	-0.36%	-24.84%	-25.54%	-20.54%	-22.21%	Zinc

<https://www.usfunds.com/interactive/the-periodic-table-of-commodity-returns-2021/#.XDjAAlxKiUk>

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