



# Weco <go>



## FED <go>



# NI TRE <go>

	Next Offer	Next	Date	CUSIP		\$	Prior	Prior
Bill Auctions	Announcement	Auction	Settles	Numbers	R	Bil	Auction	\$ Bln
4-week	08/26/2025	08/28/2025	09/02/2025	912797QW0		TBA	08/21/2025	\$100
8-week	08/26/2025	08/28/2025	09/02/2025	912797RE9		TBA	08/21/2025	\$85
6-week	08/28/2025	08/26/2025	08/28/2025	912797QE0		\$85	08/19/2025	\$85
17-week	08/26/2025	08/27/2025	09/02/2025	912797RZ2		TBA	08/20/2025	\$65
3-month	08/28/2025	09/02/2025	09/04/2025	912797QS9		TBA	08/25/2025	\$82
6-month	08/28/2025	09/02/2025	09/04/2025	912797RV1		TBA	08/25/2025	\$73
1-year	08/28/2025	09/02/2025	09/04/2025	912797RS8		TBA	08/05/2025	\$50
Note Auctions								
2-year	09/18/2025	08/26/2025	09/02/2025	91282CNV9		\$69	07/28/2025	\$69
3-year	09/04/2025	09/09/2025	09/15/2025	TBA		TBA	08/05/2025	\$58
5-year	09/18/2025	08/27/2025	09/02/2025	91282CNX5		\$70	07/28/2025	\$70
7-year	09/18/2025	08/28/2025	09/02/2025	91282CNW7		\$44	07/29/2025	\$44
10-year	09/04/2025	09/10/2025	09/15/2025	TBA	R	TBA	08/06/2025	\$42
Bond Auctions								
20-year	09/11/2025	09/16/2025	09/30/2025	TBA	R	TBA	08/20/2025	\$16
30-year	09/04/2025	09/11/2025	09/15/2025	TBA	R	TBA	08/07/2025	\$25
TIPS Auctions								
5-yr TIPS	10/16/2025	10/23/2025	10/31/2025	TBA		TBA	06/17/2025	\$23
10-yr TIPS	09/11/2025	09/18/2025	09/30/2025	TBA	R	TBA	07/24/2025	\$21
30-yr TIPS	TBA	TBA	TBA	TBA		TBA	08/21/2025	\$8
Floating Rate Note								
2-year FRN	09/18/2025	08/27/2025	08/29/2025	91282CNQ0	R	\$28	07/29/2025	\$30
Buyback Operation								
Buyback	09/02/2025	08/26/2025	08/27/2025	Range		\$4.0	08/21/2025	\$2.0
Treasury auction annou 11:00 am Eastern time		quarterly refur	nding, are relea	ised at				

# The World is smoldering,...

Wealthy enclave's sewage reveals higher than average cocaine levels in the water <a href="https://www.foxnews.com/us/wealthy-enclaves-sewage-reveals-higher-than-average-cocaine-levels-water">https://www.foxnews.com/us/wealthy-enclaves-sewage-reveals-higher-than-average-cocaine-levels-water</a>

The sewage in New England's exclusive <u>Nantucket retreat</u> is full of cocaine, according to local authorities, who this summer began testing it to monitor potential drug use in a popular summer getaway for the rich and powerful.

"During COVID, a lot of these communities, and most communities, decided that it was important for them to start testing the water to see if there were any spikes in COVID in the region." said Randolph Rice, a Maryland attorney and legal analyst. "But what Nantucket has now decided to do as of the beginning of the summer is to actually start testing for other types of substances, particularly drugs, nicotine and other items...within the system there. And what they're finding is that there is a high level of cocaine." The testing, conducted at the Surfside Wastewater Treatment Facility on Nantucket, found cocaine levels about 50% higher than the national average, according to publicly posted data from local authorities. The same tests found below-average levels of fentanyl, a deadly synthetic opioid blamed for overdoses around the country.

# Russia blames Trump for Iran nuclear crisis, says E3 has turned to 'diplomacy at the barrel of the gun'

https://www.foxnews.com/world/russia-blames-trump-iran-nuclear-crisis-says-e3-has-turned-diplomacy-barrel-gun

Russia on Thursday struck out against President <u>Donald Trump's</u> decision to withdraw the U.S. from the 2015 nuclear agreement with Iran and argued Washington is to blame for Tehran's non-compliance with the international treaty.

The accusation came just hours after the U.K., France and Germany (E3) alerted the UN Security Council that they had initiated the snapback mechanism to reimpose severe <u>UN sanctions on Iran</u> within 30-days, following its non-compliance with the Joint Comprehensive Plan of Action (JCPOA.)

"The United States abandoned JCPOA, and since then the situation started [to] deteriorate," Dmitry Polyanskiy, Russia's UN Ambassador, said Thursday.

# Is Trump considering bold Africa play to push back on China, Russia and Islamic terrorists?

 $\frac{https://www.foxnews.com/world/trump-considering-bold-africa-play-push-back-china-russia-islamic-terrorists}{}$ 

President <u>Donald Trump</u> is reportedly working on a move that would give the U.S. a new military and economic foothold in Africa, counter China and Russia, and strike a blow against Islamist terrorists in the region. And now a leading senator has told Fox News Digital this goal can be realized by recognizing the breakaway Somaliland as an independent state.

Somaliland, on the southern coast of the Gulf of Aden, broke away from Somalia in 1991. Its government is said to be offering the U.S. a new air and sea base close to the entrance of the Red Sea, and directly across from Yemen and the Houthis, if the U.S. formally recognizes it. Thirty percent of the world's container ship traffic is reported to pass through its waters en route to or from the Suez Canal.

## Israel confirms strike on Houthis in Yemen, marks second time this week

 $\underline{https://www.foxnews.com/world/israel-confirms-strike-houth is-yemen-marks-second-time-week}$ 

<u>Israel confirmed</u> on Thursday that it carried out an attack on a Houthi target in Yemen's capital, Sanaa, marking the second such strike in less than a week.

The Israel Defense Forces (IDF) said the Houthis were operating <u>under Iran's direction</u> to harm Israel and its allies. The IDF also blamed the Houthis for "undermining regional stability and disrupting global freedom of navigation."

Term SOFR	Ticker	Settle	Yest	Change
1 Month	TSFR1M Index	4.27256	4.28021	-0.007650
3 Month	TSFR3M Index	4.17106	4.17122	-0.000160
6 Month	TSFR6M Index	4.0206	4.01659	0.004010
12 Month	TSFR12M Index	3.76652	3.75904	0.007480

#### 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									
4.30247%	.47% 4.19502% 4.04407% 3.91442% 3.79388% 3.60013% 3.49198°					3.49198%	3.45045%		
1.003704906	1.01072061	1.020557367	1.029684346	1.038465687	1.054802027	1.070809649	1.105047135		
1mo	3mo	6mo	9mo	12mo	18mo	24mo	36mo		
8/29/2025	8/29/2025	8/29/2025	8/29/2025	8/29/2025	8/29/2025	8/29/2025	8/29/2025		
9/28/2025	11/28/2025	2/27/2026	5/28/2026	8/28/2026	2/27/2027	8/28/2027	8/28/2028		
31	92	183	273	365	548	730	1096		

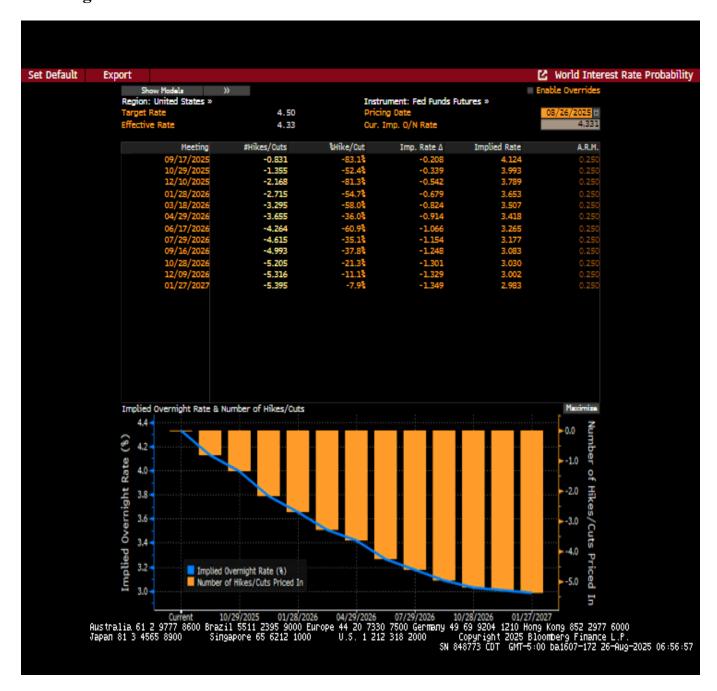
	Term FedFunds from 1-day Returns									
4.24350%	4.14308%	3.99105%	3.86694%	3.74442%	3.54518%	3.44794%				
100.36541%	101.05879%	102.02878%	102.93243%	103.79643%	105.39654%	106.99166%				
1mo	3mo	6mo	9mo	12mo	18mo	24mo				
8/29/2025	8/29/2025	8/29/2025	8/29/2025	8/29/2025	8/29/2025	8/29/2025				
9/28/2025	11/28/2025	2/27/2026	5/28/2026	8/28/2026	2/27/2027	8/28/2027				
31	92	183	273	365	548	730				
	8/29/2025 7:09 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

# WIRP<go>



## 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 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.





3-Month SFRU5: 95-90 ^ is the pivot point. Above the pivot you should be long, below short. Resistance is 95-90^ and 95-99\* Support is 95-83\*\* ^Pivot Point is a 20-day moving average. \*\* 2-STD Deviations from the pivot point.

Ultra 10-year Note (UXYU5): 113-30<sup>^</sup> is the pivot point. Above the pivot you should be long, below short. Resistance is at 114-23\*\* Support is at 113-30<sup>^</sup> and 112-20\* <sup>^</sup>Pivot Point is a 20-day moving average. \*\* 2-STD Deviations from the pivot point.



## GT10 T 4.25 05/15/35

GT10 Notes 4.27% is the pivot point.

Above the pivot you should be long, below short.

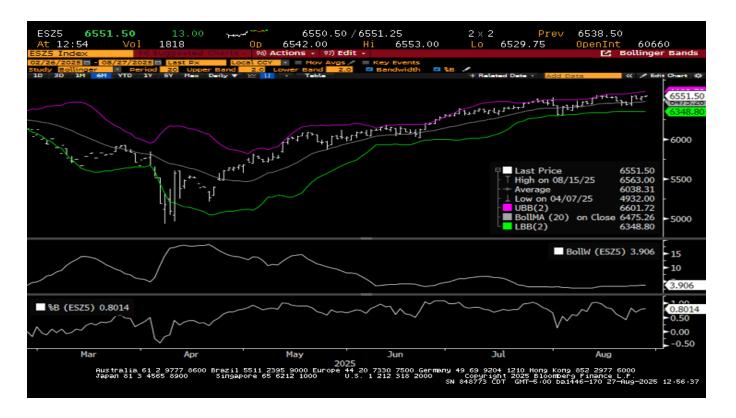
Resistance is 4.36% \*\*

Support is 4.27% and 4.18% \*\*

Pivot Point is a 20-day moving average.

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





The S&P is -16 and the NASDAQ is -104

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

UK

In the UK the FTSE is -0.16%. BOE Rate 4.0% (.25 BP Cut). Next meeting 08/07/25. The CAX Index is -0.36%. The DAX Index is -0.11%. ECB

Main Refinancing Operations Rate 2.40% (.25 bp Cut). Marginal Lending Facility Rate 2.50%. Next meeting 09/11/25

## Japan:

The TOPIX closed at +0.41%. The NIKKEI closed at +0.08%. BOJ Policy Balance Rate +0.50% Next meeting 07/31/25

China:

The Hang Seng closed +1.94%.

The Shanghai Composite closed +1.91%.

**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**



# 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

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

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

July 16, 2025

## **Growth in Farm Lending Activity Eases**

Non-real estate farm lending at commercial banks declined slightly in the second quarter. According to the National Survey of Terms of Lending to Farmers, the volume of new non-real estate farm loans declined about 5% from the same time a year ago alongside a decrease in lending for most major purposes. Farm loan interest rates decreased slightly but remained relatively high. The share of new loans with variable rates remained historically low and average maturities on most types of loans remained above historical averages.

Conditions in the U.S. agricultural economy remained tenuous as relatively low crop prices continued to limit profit opportunities. Demand for farm financing increased swiftly over the past year alongside elevated production expenses and reduced liquidity in the sector. Strong revenues in livestock industries supported farm finances in some regions and distribution of ad hoc government assistance is likely to provide modest support to some growers. Despite easing in the growth of new lending activity in the second quarter, financing needs could still remain high alongside the outlook for continued weakness in crop prices.

#### 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

	Export Settings						omberg Ir	
earch BI Research an	ooard (BI 3PLSG) Global 🌣							
earch	Air Airport Ocean Ports U.S. Ex/Im	N.	.A. Surface	Mainland (	China Fue	el Surve	y Results	
ashboard Home	North America Truck North America Rail							
ndustry	View 12 Week Growth None	1					Curr	ency USD
quity	Name		05/16	05/09	05/02	04/25	04/18	04/11
odcasts	Truckstop.com Stats							
a Library	Average Market Demand Index (MDI)	W	85.03	59.13	68.36	70.26	65.72	73.67
arket Share	<ul> <li>U.S. Dry-Van Market Demand Index</li> </ul>	n.J	84.39	57.21	65.73	65.65	56.51	58.90
acro	<ul> <li>U.S. Dry-Van Market Demand Index</li> <li>U.S. Flatbed Market Demand Index</li> </ul>	$\Lambda_{W}$	131.06	89.11	105.09	113.59	104.24	121.83
ndustry	<ul> <li>U.S. Temperature-Controlled Market De</li> </ul>	$\mathcal{A}$	181.62	98.80	112.36	101.09	101.82	88.17
ompany	<ul> <li>U.S. Specialty Market Demand Index</li> </ul>	$\Lambda_{I}$	19.81	16.01	17.86	16.90	16.88	17.99
redit								
nalyzer	<ul> <li>Weekly Avg Truckload Rates Inc. Fuel Su</li> </ul>							
aluation	<ul> <li>Average Rate Per Mile</li> </ul>	$\wedge$	2.440	2.434	2.514	2.514	2.547	2.511
ontributors	Dry-Van Rate Per Mile	W	1.939	1.816	1.854	1.840	1.848	1.871
nitor	<ul> <li>Flatbed Rate Per Mile</li> </ul>	$\wedge$	2.535	2.567	2.632	2.649	2.674	2.618
ews/Research	<ul> <li>Temperature Controlled Rate Per Mile</li> </ul>	أس	2.478	2.202	2.269	2.174	2.199	2.129
loombergNEF Reports	<ul> <li>Specialized Rate Per Mile</li> </ul>	$\sim$	2.598	2.602	2.706	2.696	2.715	2.684
vents								
omp Sheets	U.S. Fuel Surcharge	~	0.41	0.42	0.42	0.42	0.43	0.44
arkets								
	Weekly average rates are weighted by							
	the # of loads per day.							
	Load Turnaround (minutes)	$\cap$	264.6	266.4	282.3	280.7	290.8	294.0
	Truck Turnaround (minutes)	M	1,080.1	1,182.4	1,147.3	1,111.5	1,098.7	1,100.5
	Truckers Looking for Loads	27	23.124M	29.178M	29.479M	29.214M	28.987M	30.178
	Shippers Looking for Truckers	NA.	1.218M	1.040M	1.151M	1.115M	1.046M	1.057
	Shippers cooking for fruckers	4.1	1.2101	1.04014	1.15114	1.11514	1.04011	1.05/1
	Truckers' Average Credit Scores	-	21.0	21.0	20.9	20.9	20.9	20.9
	Truckers' Average Credit Scores Source: Truckstop.com	_						

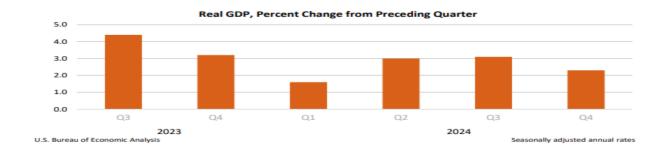
## U.S. Department of Commerce, Bureau of economic analysis

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: 2.2 percent — August 26, 2025

The GDPNow model estimate for real GDP growth (seasonally adjusted annual rate) in the third quarter of 2025 is 2.2 percent on August 26, down from 2.3 percent on August 19. After recent releases from the US Census Bureau and the National Association of Realtors, the nowcast of third-quarter real gross private domestic investment growth decreased from 4.9 percent to 4.4 percent.

The next GDPNow update is Friday, August 29. Please see the "Release Dates" tab below for a list of upcoming releases.

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

## MANUFACTURING AT A GLANCE

June 2025

Index	Series Index Jun	Series Index May	Percentage Point Change	Direction	Rate of Change	Trend* (Months)
Manufacturing PMI <sup>®</sup>	49.0	48.5	+0.5	Contracting	Slower	4
New Orders	46.4	47.6	-1.2	Contracting	Faster	5
Production	50.3	45.4	+4.9	Growing From Contracting		1
Employment	45.0	46.8	-1.8	Contracting	Contracting Faster	
Supplier Deliveries	54.2	56.1	-1.9	Slowing	Slowing Slower	
Inventories	49.2	46.7	+2.5	Contracting Slower		2
Customers' Inventories	46.7	44.5	+2.2	Too Low	Slower	9
Prices	69.7	69.4	+0.3	Increasing	Faster	9
Backlog of Orders	44.3	47.1	-2.8	Contracting	Faster	33
New Export Orders	46.3	40.1	+6.2	Contracting	Slower	4
Imports	47.4	39.9	+7.5	Contracting	Slower	3
C	VERALL E	CONOMY	Growing	Faster	Back To To	
M	anufacturi	ng Sector		Contracting	Slower	4

## THE LAST 12 MONTHS

Month	Manufacturing PMI <sup>®</sup>
Jun 2025	49.0
May 2025	48.5
Apr 2025	48.7
Mar 2025	49.0
Feb 2025	50.3
Jan 2025	50.9

Month	Manufacturing PMI <sup>®</sup>
Dec 2024	49.2
Nov 2024	48.4
Oct 2024	46.9
Sep 2024	47.5
Aug 2024	47.5
Jul 2024	47.0

Average for 12 months - 48.6 High - 50.9 Low - 46.9

<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.** <a href="https://www.usafacts.org">www.usafacts.org</a>

## **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>1</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			Al	
-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%
<b>1</b>	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>1</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	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	<b>1</b>
-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	Al		Pd
-30.47%	-8.69%	2.99%	-24.84%	-25.54%	-1.29%	-11.72%	-16.34%	-45.21%	-26.23%
	Li	- ♦			22	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	魏	Li	Li

## 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.