

DAILY MARKET UPDATE

Top News¹

- + Kamala Harris has more than enough pledged delegates to clinch the Democratic presidential nomination
- + Japanese authorities may intervene if the euro approaches 180 against the yen, Citi said.
- + Wiz turned down a takeover bid of as much as \$23 billion from Alphabet.

WisdomTree Views and Insights on the market's evolutions can be found here.

WisdomTree also publishes short market news on its Short & Leveraged ETP Centre here.

Daily Returns Heatmap

WORLD EQUITIES

MSCI World	MSCI EM	
0.9%	-0.4%	
S&P 500	Dow Jones	Nasdaq 100
1.1%	0.3%	1.5%
Euro Stoxx 50	FTSE 100	DAX
1.5%	0.5%	1.3%
CAC 40	FTSE MIB	IBEX 35
1.2%	1.4%	0.5%
Nikkei	Hang Seng	CSI 300
-1.2%	1.3%	-0.7%

WORLD EQUITY FACTORS

Quality	Momentum	Min Vol
1.3%	1.2%	0.3%
Value	High Div	Size
0.2%	0.1%	0.9%

COMMODITIES

BCOM	3M Fwd	Roll Select
0.6%	0.5%	0.4%
Optim Roll-WT	UBS CMCI	
0.3%	0.2%	

PRECIOUS METALS

Gold	Physical Gold	Platinum
-0.2%	-0.4%	-1.8%
Silver	Physical Silver	Palladium
0.1%	-0.1%	-1.1%

INDUSTRIAL METALS

Aluminium	Copper	Lead
-2.4%	-0.9%	-2.1%
Nickel	Tin	Zinc
-0.5%	-3.8%	-1.9%

DIGITAL ASSETS

Bitcoin	Ethereum
3.0%	0.0%

FIXED INCOME

EUR Gov.	US Gov.	UK Gilt
0.0%	-0.1%	-0.1%
EUR IG Corp.	USD IG Corp.	UK IG Corp.
-0.1%	0.0%	-0.1%
EUR HY	USD HY	
0.1%	0.1%	
CoCos		
0.1%		

CURRENCIES

DX	USD/EUR	USD/JPY
-0.1%	-0.1%	-0.3%
EUR/USD	EUR/GBP	EUR/JPY
0.1%	-0.1%	-0.2%
GBP/USD	GBP/EUR	
0.1%	0.1%	
CHF/USD	CHF/EUR	
-0.1%	-0.1%	

ENERGY

Brent Oil	WTI Oil	Natural Gas
0.0%	-0.3%	5.6%
Heating Oil	Gasoline	Carbon
0.7%	0.6%	-2.4%

AGRICULTURE

Wheat	Corn	Soybeans
1.0%	2.5%	3.2%
Soybean Oil	Cotton	Cocoa
2.0%	-0.1%	9.2%
Coffee	Sugar	
2.0%	-1.9%	
Live Cattle	Lean Hogs	
0.6%	1.9%	

VOLATILITY

VIX	VSTOXX
-1.6	-0.8

The Heatmap Live can be found on WisdomTree Short & Leveraged ETP Center here

Source: Bloomberg, WisdomTree. All data are as of 22/07/24 unless specified otherwise. Net Total Return Indices are used for equity assets. Total Return Indices are used for Fixed Income. Excess Return Indices are used for commodities. Data about all indices can be found in Page 11 and 12.

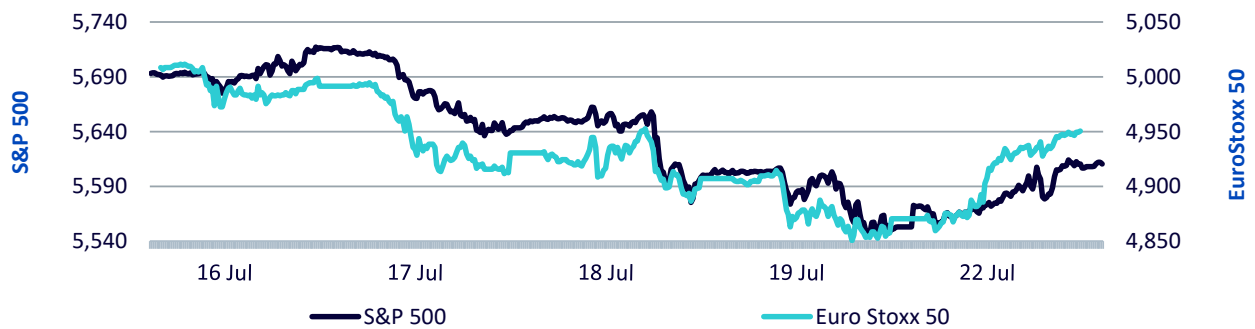
1) Relevant selected headlines news sourced from Bloomberg News. **Historical performance is not an indication of future performance and any investments may go down in value.**

Equity Focus

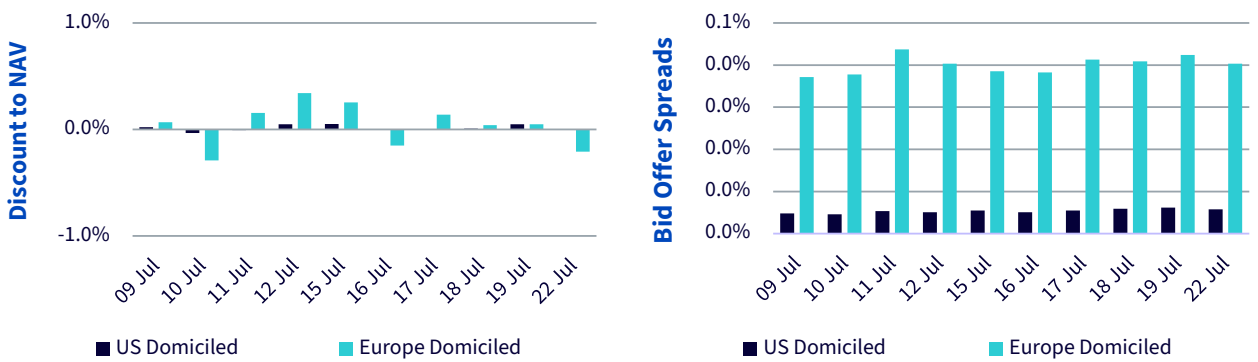
ASSET CLASS OVERVIEW

Index Name	Closing Price	Last 1D	Last 1W	Last 1M	Year to Date	Dividend Yield	Price to Earnings Ratio
MSCI World	3,585	↑ 0.9%	-1.2%	2.3%	14.1%	1.9%	20.1
MSCI EM	1,085	↓ -0.4%	-3.1%	0.4%	7.8%	2.6%	13.1
S&P 500	5,564	↑ 1.1%	-1.2%	1.9%	17.3%	1.4%	23.1
Dow Jones	40,415	↑ 0.3%	0.5%	3.3%	8.0%	1.9%	20.1
Nasdaq 100	19,823	↑ 1.5%	-2.8%	0.7%	18.2%	0.8%	29.6
Euro Stoxx 50	4,897	↑ 1.5%	-1.7%	-0.1%	10.6%	3.4%	13.7
FTSE 100	8,199	↑ 0.5%	0.2%	-0.4%	8.3%	3.9%	12.0
DAX	18,407	↑ 1.3%	-1.0%	1.3%	9.1%	3.2%	13.4
CAC 40	7,622	↑ 1.2%	-0.1%	-0.0%	3.2%	3.3%	13.6
FTSE MIB	34,615	↑ 1.4%	0.9%	4.4%	17.6%	5.3%	9.5
IBEX 35	11,144	↑ 0.5%	0.0%	1.7%	13.2%	4.6%	10.9
Nikkei	39,599	↓ -1.2%	-3.9%	2.7%	19.2%	1.7%	21.8
Hang Seng	17,636	↑ 1.3%	-2.1%	-1.1%	6.7%	4.4%	8.7
CSI 300	3,515	↓ -0.7%	1.3%	1.6%	4.4%	3.0%	12.3

LAST 5 DAYS PERFORMANCE FOR S&P 500 and EURO STOXX 50 FUTURES¹



LARGE EQUITY ETFS DISCOUNT TO NAV (LHS) AND BID OFFERS (RHS)²



	US Domiciled	Europe Domiciled
Worst Discount since 2020	-0.63%	-5.08%
Historical Average Discount	0.00%	0.08%
Average Bid Offer Spreads in Nov 2019	0.01%	0.04%

EQUITY MARKET RISK SENTIMENT

Volatility Index	Current Level	Δ1D	Δ1W	Δ1M	Δyear to Date	Average Last 10Y
VIX	14.9	↓ -1.6	↑ 1.8	↑ 1.7	↑ 2.5	18.1
VSTOXX	15.7	↓ -0.8	↑ 2.1	↓ -1.9	↑ 2.1	20.4

Source: Bloomberg, WisdomTree. All data are as of 22 July 2024 and using price return indices unless specified otherwise. Last 1D, Last 1W, Last 1M and Year to Date performance is calculated on net Total Return Index. Data about all indices can be found in Page 11 and 12.

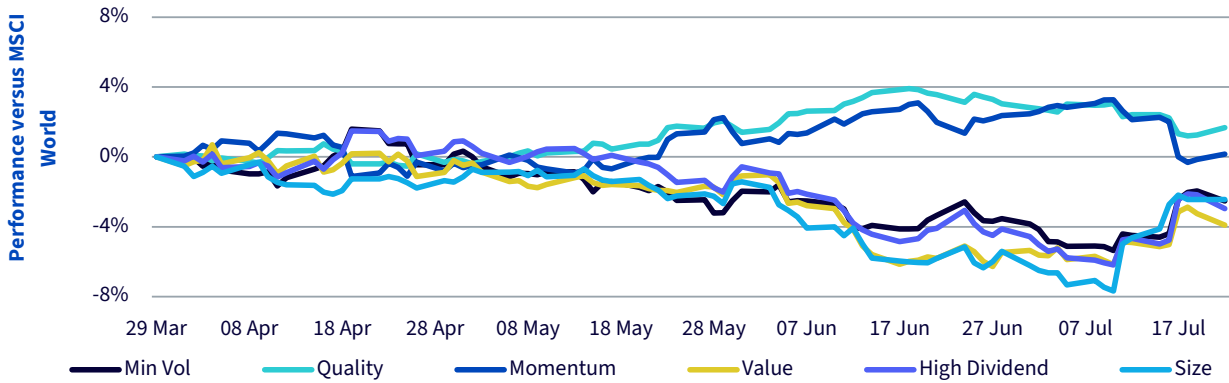
1) Intraday levels of the relevant Future for the indices as indicated in Page 11. 2) The 5 largest equity ETFs in the US and in Europe are used. **Historical performance is not an indication of future performance and any investments may go down in value.**

Equity Factors Focus

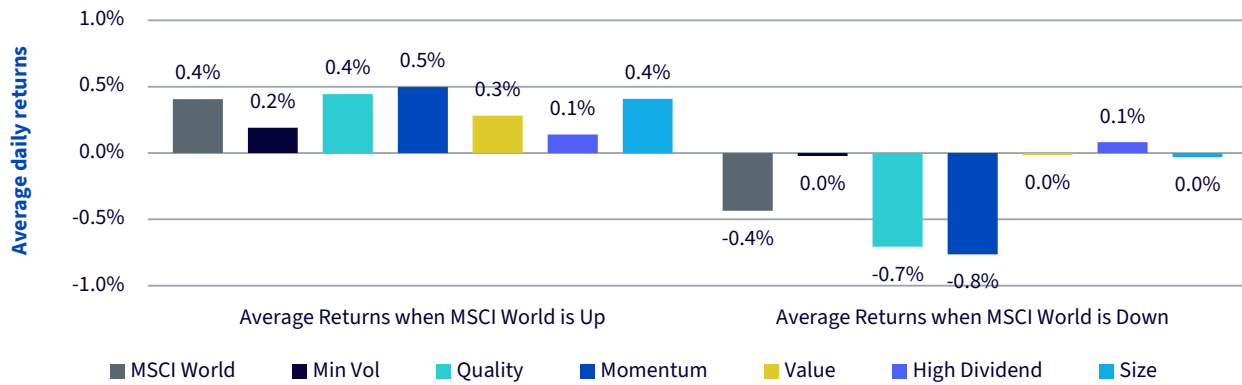
ASSET CLASS OVERVIEW

Index Name	Closing Price	Last 1D	Last 1W	Last 1M	Year to Date	Dividend Yield	Price to Earnings Ratio
MSCI World	3,585	↑ 0.9%	-1.2%	2.3%	14.1%	1.9%	20.1
Quality	4,136	↑ 1.3%	-1.9%	0.4%	18.8%	1.3%	25.4
Momentum	3,833	↑ 1.2%	-3.1%	0.5%	26.1%	1.3%	21.6
Min Vol	2,945	↑ 0.3%	0.8%	3.2%	8.0%	2.5%	17.7
Value	1,315	↑ 0.2%	-0.1%	4.4%	7.8%	3.8%	10.5
High Div	1,501	↑ 0.1%	0.7%	3.5%	7.5%	3.7%	14.2
Size	560	↑ 0.9%	0.4%	5.9%	6.9%	2.6%	18.4

PERFORMANCE OF EQUITY FACTORS - LAST 3 MONTHS



REGIME ANALYSIS OVER THE LAST 20 BUSINESS DAYS



Find out more about Modern Alpha with WisdomTree here.

Source: Bloomberg, WisdomTree. All data are as of 22 July 2024 and using price return indices unless specified otherwise. Last 1D, Last 1W, Last 1M and Year to Date performance is calculated on net Total Return Index. Data about all indices can be found in Page 11 and 12.

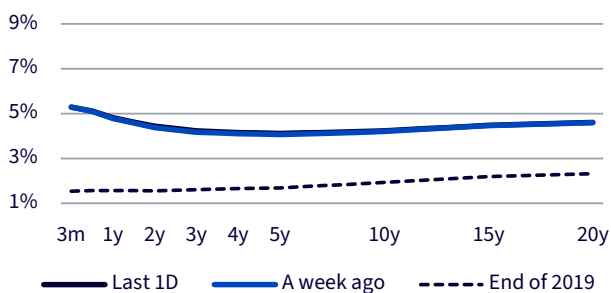
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Fixed Income Focus

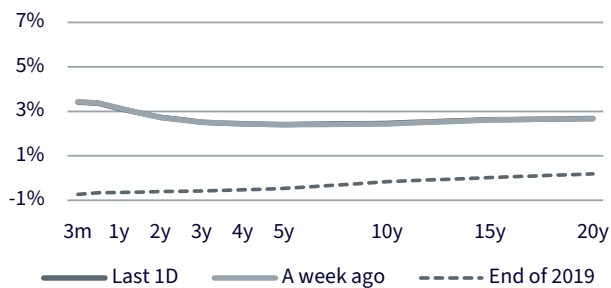
ASSET CLASS OVERVIEW

Index Name	Last 1D	Last 1W	Last 1M	Year to Date	Yield to Worst	Modified Duration
EUR Government Bond	↓ -0.0%	-0.0%	0.7%	-0.8%	3.0%	7.4
US Treasury	↓ -0.1%	-0.1%	0.4%	0.1%	4.4%	6.1
UK Gilt	↓ -0.1%	-0.8%	2.1%	-1.1%	4.3%	9.3
EUR Corporates (IG)	↓ -0.1%	0.0%	0.7%	1.4%	3.7%	4.6
USD Corporates (IG)	↓ -0.0%	-0.2%	0.6%	0.8%	5.3%	7.2
GBP Corporates (IG)	↓ -0.1%	-0.2%	0.7%	0.6%	5.5%	6.3
EUR High Yield Bonds	↑ 0.1%	0.1%	0.9%	3.7%	6.6%	3.1
USD High Yield Bonds	↑ 0.1%	0.3%	1.6%	4.1%	7.7%	3.6
Global CoCos	↑ 0.1%	-0.0%	2.8%	5.1%	6.9%	3.6

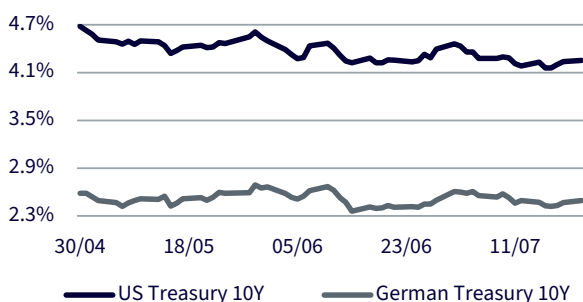
US TREASURY CURVE MOVES



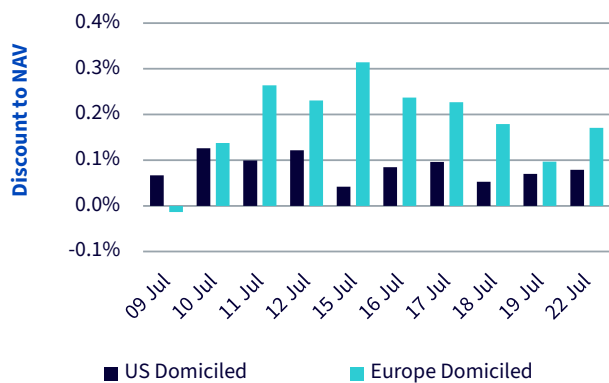
GERMANY GOV. CURVE MOVES



HISTORICAL 10Y YIELDS

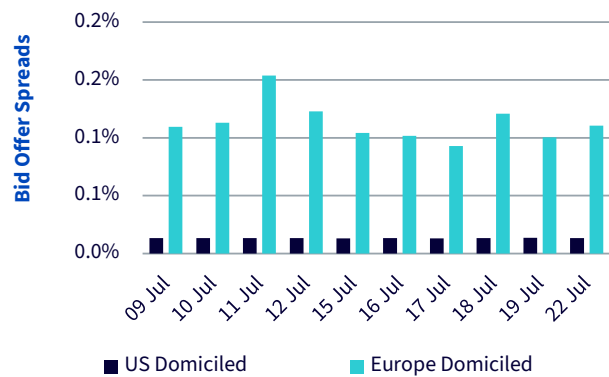


BOND ETPS DISCOUNT TO NAV¹



	US Dom.	Europe Dom.
2020 Worst Discount	-4.35%	-6.26%
Hist. Average Discount	0.20%	0.32%

BOND ETPS BID OFFER SPREADS¹



	US Dom.	Europe Dom.
Avg. Bid Offers - Nov19	0.01%	0.13%

FIXED INCOME MARKET RISK SENTIMENT

5Y Credit Spread (bps)	Current Level	Δ1D	Δ1W	Δ1M	Δyear to Date	Average Last 5Y
iTraxx Crossover	292.1	↓ -4.8	↑ 7.7	↓ -32.7	↓ -18.4	351.2
CDX High Yield	323.9	↓ -8.9	↑ 1.8	↓ -18.2	↓ -32.5	395.8

Source: Bloomberg, WisdomTree. All data are as of 22 July 2024 and using total return indices unless specified otherwise. Data about all indices can be found in Page 11 and 12.1) The 5 largest fixed income ETFs in the US and in Europe are used.

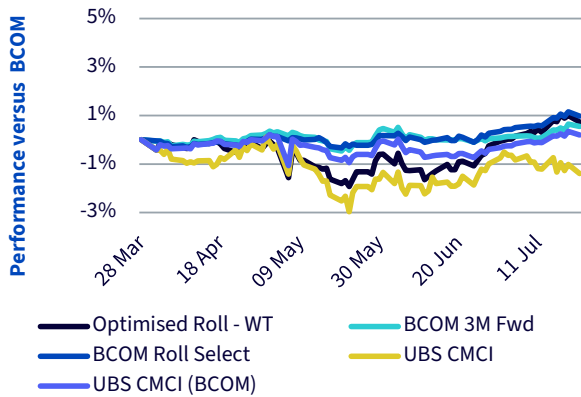
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Broad Commodity Focus

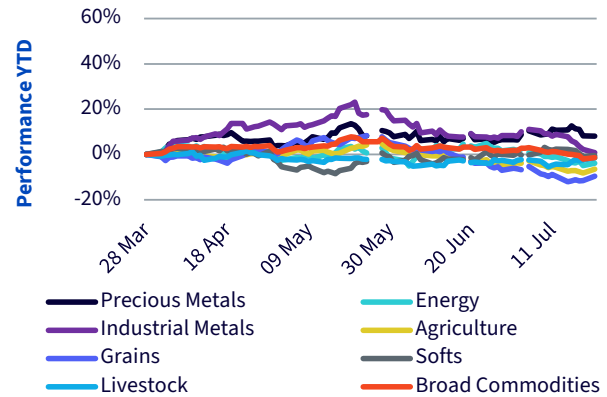
ASSET CLASS OVERVIEW

Index Name	Last 1D	Last 1W	Last 1M	Year to Date (YTD)
Broad Commodities	↑ 0.6%	-1.5%	-3.6%	-0.6%
BCOM 3M Fwd	↑ 0.5%	-1.4%	-3.1%	0.8%
BCOM Roll Select	↑ 0.4%	-1.5%	-2.7%	0.4%
Optimised Roll - WT	↑ 0.3%	-1.6%	-2.0%	0.3%
UBS Bloomberg CMCI	↑ 0.2%	-2.2%	-3.5%	0.9%
UBS CMCI (BCOM)	↑ 0.5%	-1.5%	-2.8%	0.2%
Precious Metals	↓ -0.1%	-2.4%	1.5%	13.7%
Energy	↑ 1.1%	-1.2%	-6.8%	-0.5%
Industrial Metals	↓ -1.5%	-6.5%	-6.5%	-1.2%
Agriculture	↑ 1.8%	0.9%	-3.2%	-10.5%
Grains	↑ 2.2%	2.7%	-6.0%	-17.9%
Softs	↑ 0.4%	-2.7%	1.9%	7.6%
Livestock	↑ 1.1%	3.2%	2.0%	7.9%

PERFORMANCE VERSUS BCOM

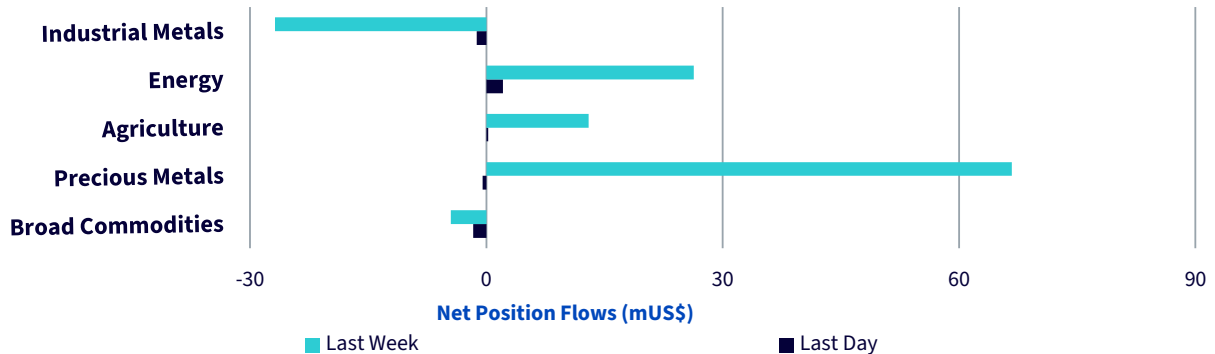


SECTORS PERFORMANCE - LAST 3M



RECENT NET POSITION FLOWS IN WISDOMTREE COMMODITY ETPs¹

mUS\$ as of 22/07/2024	Broad Commodities	Precious Metals	Energy	Industrial Metals	Agriculture
Last Day	-2	0	2	-1	0
Last Week	-5	67	26	-27	13
Last 4 Weeks	-26	237	734	-10	34
Year to Date	-81	-551	-534	-625	37
Baseline AUM (Dec 2023)	979	11,268	3,208	2,467	505



Find out more about Commodities with WisdomTree here.

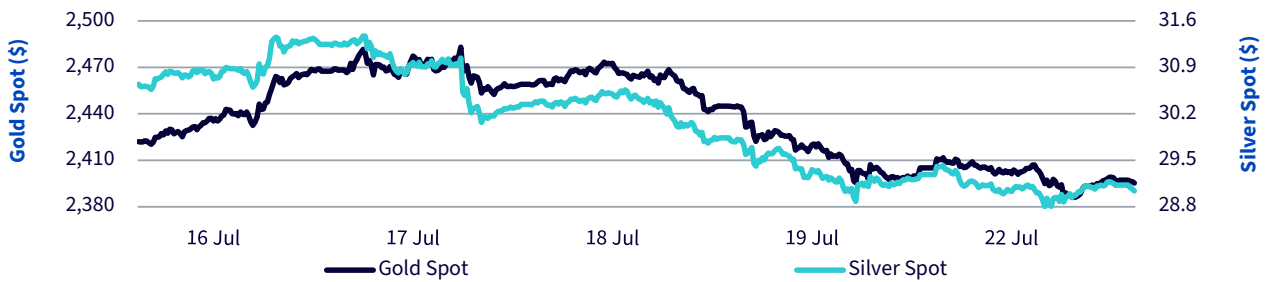
Source: Bloomberg, WisdomTree. All data are as of 22 July 2024 and using excess return indices unless specified otherwise. YTD Stands for Year to Date. BCOM Stands for the Bloomberg Commodity Index. Data about all other indices can be found in Page 11 and 12. 1) As of Net Position Flows and Net Position AUM are calculated by multiplying the AUM/Flow in a given ETP by the leverage of that ETP. **Historical performance is not an indication of future performance and any investments may go down in value.**

Precious Metals Focus

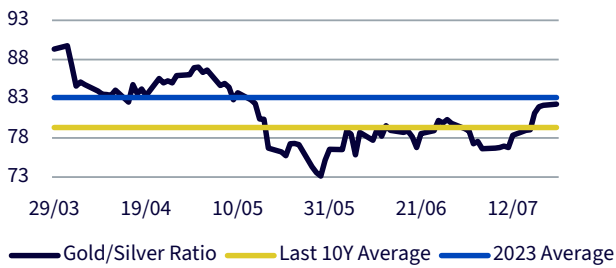
ASSET CLASS OVERVIEW⁴

Index Name	Closing Price	Last 1D	Last 1W	Last 1M	Year to Date	Current Positioning	Positioning 2023 Avg.
Gold	2,395	↓ -0.2%	-1.4%	2.7%	12.3%	288,518	164,374
Physical Gold	2,393	↓ -0.4%	-1.2%	2.5%	15.1%	288,518	164,374
Silver	29	↑ 0.1%	-5.2%	-2.1%	18.1%	56,034	20,958
Physical Silver	29	↓ -0.1%	-5.4%	-4.5%	22.2%	56,034	20,958
Palladium	893	↓ -1.1%	-6.1%	-3.4%	-20.9%	-10,360	-7,670
Platinum	945	↓ -1.8%	-5.4%	-5.1%	-7.4%	23,110	13,711

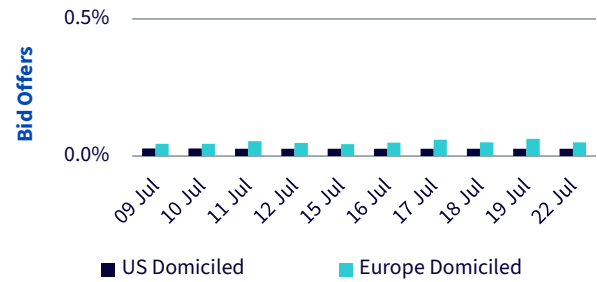
LAST 5 DAYS PERFORMANCE FOR GOLD AND SILVER SPOTS¹



GOLD/SILVER RATIO

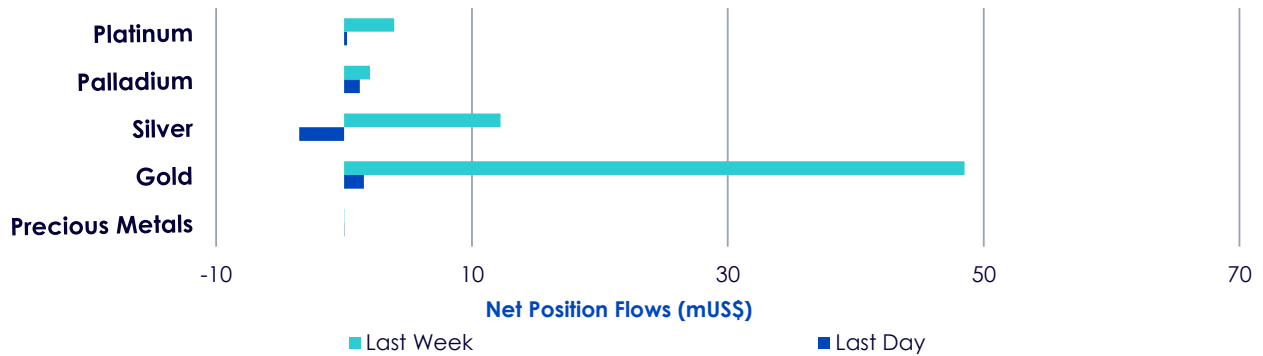


LARGEST GOLD ETPS BID OFFER²



RECENT POSITION FLOWS IN WISDOMTREE PRECIOUS METALS ETPS³

mUS\$ as of 22/07/2024	Gold	Silver	Palladium	Platinum	Precious Metals
Last Day	1.6	-3.5	1.2	0.2	0.0
Last Week	48.5	12.2	2.0	3.9	0.0
Last 4 Weeks	139.1	23.5	-1.9	7.1	69.5
Year to Date	-827.0	-90.5	20.3	391.7	-45.1
Baseline AUM (Dec 2023)	8,895	1,536	136	409	292



WisdomTree Views and Insights on Gold can be found here.

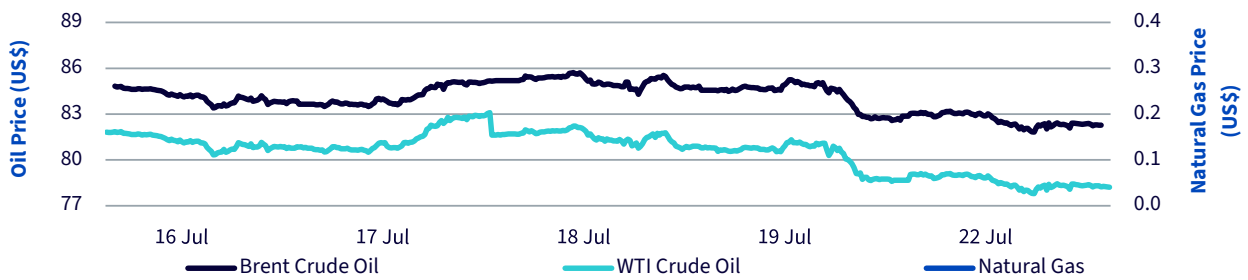
Source: Bloomberg, WisdomTree. All data are as of 22 July 2024. CFTC Futures net positionings are as at 16 July 2024. 4) Performances are calculated on the index listed in pages 11&12. Closing Prices are of the Front Month Future in USD. For physical commodity the Index level is used. Data about all indices can be found in Page 11&12. 1) Intraday levels of Gold and Silver Spots in US\$, see Page 11. 2) Bid Offer are calculated on 5 Large Gold ETPs 3) Net Position Flows and Net Position AUM are calculated by multiplying the AUM/Flow in a given ETP by the leverage of that ETP. **Historical performance is not an indication of future performance and any investments may go down in value.**

Energy Focus

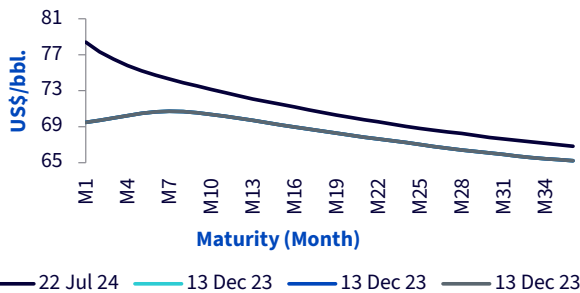
ASSET CLASS OVERVIEW³

Index Name	Closing Price	Last 1D	Last 1W	Last 1M	Year to Date	Current Positioning	Positioning 2023 Avg.
Brent Oil	82.4	↓ -0.0%	-2.9%	-2.4%	10.3%	-31,593	-37,575
WTI Oil	78.4	↓ -0.3%	-3.0%	-2.0%	12.7%	292,629	259,521
Natural Gas	2.3	↑ 5.6%	5.0%	-18.7%	-30.4%	-96,583	-122,506
Heating Oil	243.5	↑ 0.7%	-3.0%	-2.9%	3.4%	16,322	23,211
Gasoline	247.1	↑ 0.6%	-1.5%	-1.3%	8.8%	38,482	53,198
Carbon	64.2	↓ -2.4%	-4.3%	-5.0%	-19.5%	-15,801	-5,837

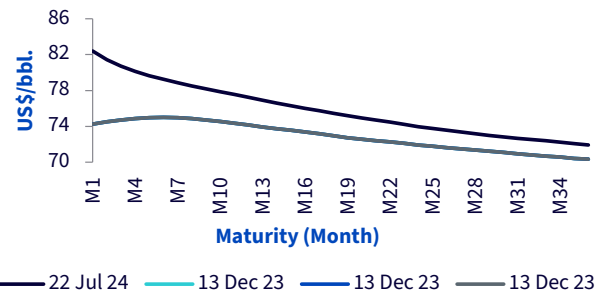
LAST 5 DAYS PERFORMANCE FOR ENERGY FUTURES¹



WTI OIL FUTURE CURVE¹

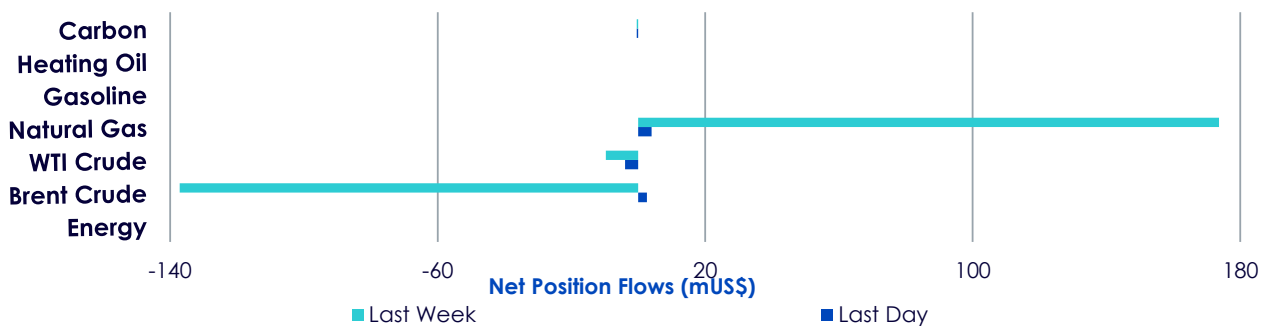


BRENT OIL FUTURE CURVE¹



RECENT POSITION FLOWS IN WISDOMTREE ENERGY ETPs²

mUS\$ as of 22/07/2024	Brent Crude	WTI Crude	Heating Oil	Gasoline	Natural Gas	Energy	Carbon
Last Day	2.6	-4.0	0.0	0.0	4.0	0.0	-0.5
Last Week	-137.2	-9.7	0.0	0.0	173.7	0.0	-0.5
Last 4 Weeks	-633.0	-57.4	0.0	0.0	1425.4	0.1	-0.7
Year to Date	-1530.2	-428.2	-0.9	0.8	1378.9	120.8	-74.7
Baseline AUM (Dec 2023)	1,643	984	5	4	261	48	263



Find out more about Energy Commodities with WisdomTree here.

Source: Bloomberg, WisdomTree. All data are as of 22 July 2024. CFTC Futures and ICE Futures (for Brent Crude Oil) net positionings as at 16 July 2024. 3) All Performances are calculated on excess return indices. Prices are those of the Front Month Future in USD. EUR for Carbon. Data about all indices can be found in Page 11 and 12. 1) The Ticker of the future used for these graphs can be found in page 11&12. 2) Net Position Flows and Net Position AUM are calculated by multiplying the AUM/Flow in a given ETP by the leverage of that ETP. **Historical performance is not an indication of future performance and any investments may go down in value.**

Crude Oil Focus

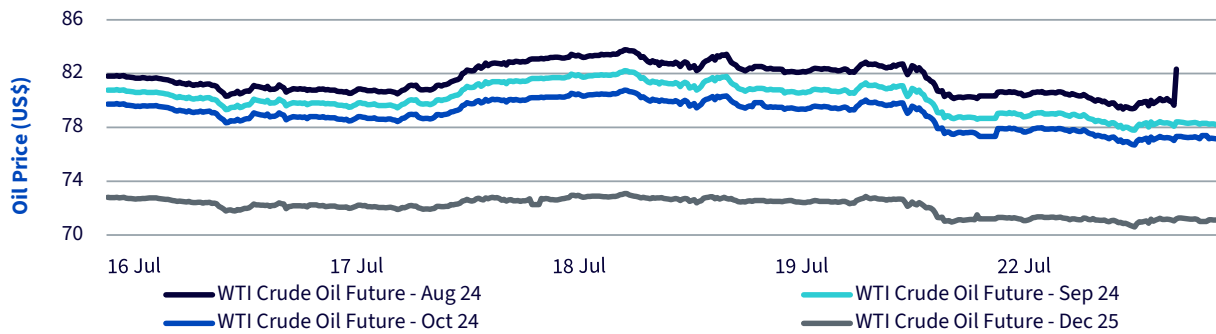
WTI Crude Oil Future Focus

WTI Crude Oil Contract	Closing Price	Last 1D	Last 1W	Last 1M	Year to Date	Open Interest	Open Interest Δ1D	Last Trade Date
Aug 24	79.8	↓ -0.4%	-2.6%	-1.2%	11.3%	1,111	-20,291	22 Jul 24
Sep 24	78.4	↓ -0.3%	-3.0%	-2.0%	9.9%	409,929	-12,811	20 Aug 24
Oct 24	77.3	↓ -0.2%	-3.1%	-2.3%	8.9%	216,051	489	20 Sep 24
Nov 24	76.5	↓ -0.1%	-3.0%	-2.4%	8.3%	115,603	-2,602	22 Oct 24
Dec 24	75.8	↓ -0.1%	-3.0%	-2.5%	7.8%	232,950	4,899	20 Nov 24
Jan 25	75.2	↑ 0%	-3.0%	-2.4%	7.6%	87,141	233	19 Dec 24
Dec 25	71.2	↑ 0.3%	-2.2%	-1.7%	6.5%	127,427	-1,437	20 Nov 25
Dec 26	68.3	↑ 0.4%	-1.8%	-1.3%	6.1%	51,947	-102	20 Nov 26
Dec 27	66.4	↑ 0.3%	-1.5%	-1.1%	5.9%	17,299	113	19 Nov 27

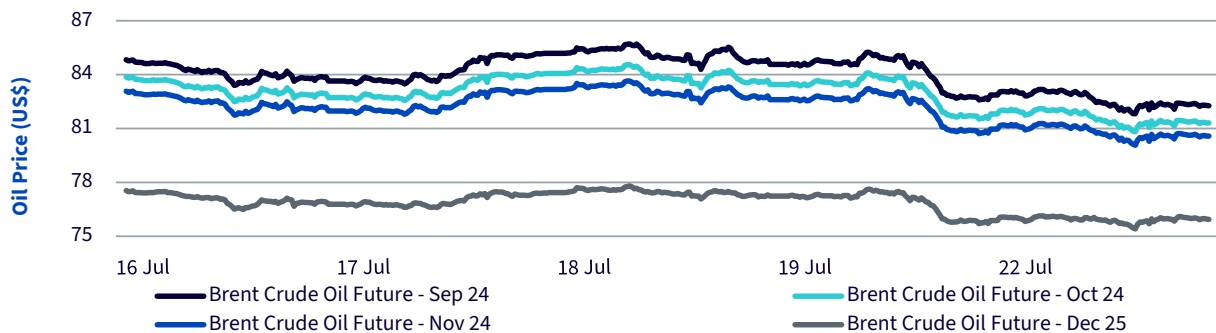
Brent Crude Oil Future Focus

Brent Crude Oil Contract	Closing Price	Last 1D	Last 1W	Last 1M	Year to Date	Open Interest ¹	Open Interest Δ1D ¹	Last Trade Date
Sep 24	82.4	↓ -0.3%	-2.9%	-2.3%	8.6%	n.a.	-17,210	31 Jul 24
Oct 24	81.4	↓ -0.1%	-2.9%	-2.5%	7.8%	n.a.	18,577	30 Aug 24
Nov 24	80.7	↓ -0.0%	-2.9%	-2.7%	7.2%	n.a.	13,452	30 Sep 24
Dec 24	80.1	↑ 0.0%	-2.8%	-2.7%	6.8%	n.a.	3,473	31 Oct 24
Jan 25	79.7	↑ 0.1%	-2.7%	-2.6%	6.6%	n.a.	1,705	29 Nov 24
Feb 25	79.2	↑ 0.1%	-2.6%	-2.5%	6.5%	n.a.	-571	30 Dec 24
Dec 25	76.0	↑ 0.4%	-2.0%	-1.7%	5.6%	n.a.	-1,424	31 Oct 25
Dec 26	73.2	↑ 0.4%	-1.5%	-1.4%	4.8%	n.a.	130	30 Oct 26
Dec 27	71.4	↑ 0.4%	-1.2%	-1.1%	4.3%	n.a.	-69	29 Oct 27

LAST 5 DAYS PERFORMANCE FOR WTI CRUDE OIL FUTURES



LAST 5 DAYS PERFORMANCE FOR BRENT CRUDE OIL FUTURES



Find out more about Energy Commodities with WisdomTree here.

Source: Bloomberg, WisdomTree. All data are as of 22 July 2024. Future Prices are in USD. The Futures contract used in this page are as follows: For WTI, Aug 24:CLQ4, Sep 24:CLU4, Oct 24:CLV4, Nov 24:CLX4, Dec 24:CLZ4, Jan 25:CLF5, Dec 25:CLZ5, Dec 26:CLZ6, Dec 27:CLZ7. For Brent, Sep 24:COU4, Oct 24:COV4, Nov 24:COX4, Dec 24:COZ4, Jan 25:COF5, Feb 25:COG5, Dec 25:COZ5, Dec 26:COZ6, Dec 27:COZ7.

1) As of 22 July 2024.

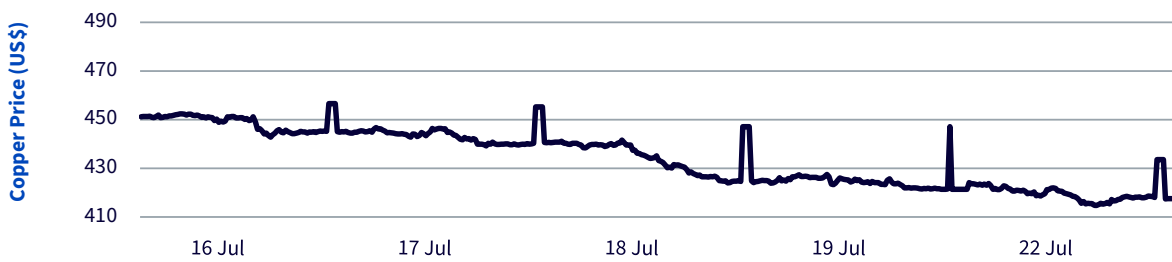
Historical performance is not an indication of future performance and any investments may go down in value.

Industrial Metals Focus

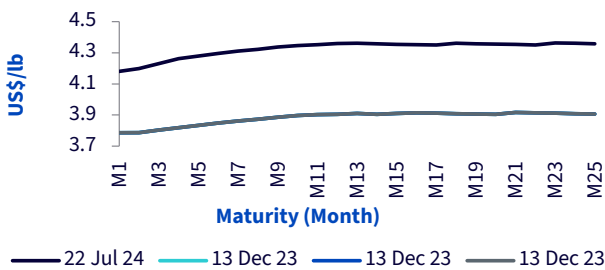
ASSET CLASS OVERVIEW³

Index Name	Closing Price	Last 1D	Last 1W	Last 1M	Year to Date	Current Positioning	Positioning 2023 Avg.
Aluminum	2,259	↓ -2.4%	-6.8%	-9.5%	-7.7%	119,858	139,252
Copper	418	↓ -0.9%	-7.3%	-5.2%	6.7%	140,722	28,150
Lead	2,048	↓ -2.1%	-4.9%	-5.9%	-2.1%	64,175	49,479
Nickel	15,995	↓ -0.5%	-3.2%	-6.6%	-5.7%	19,334	29,180
Tin	29,793	↓ -3.8%	-10.3%	-8.8%	16.6%	10,715	8,350
Zinc	2,689	↓ -1.9%	-7.9%	-4.8%	-1.3%	38,889	26,806

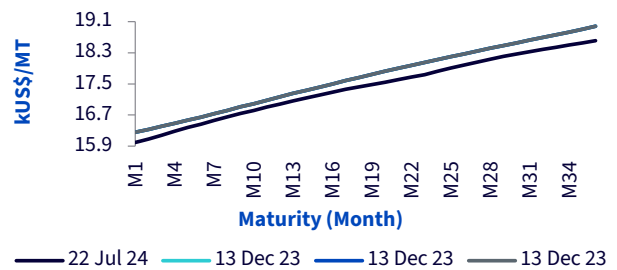
LAST 5 DAYS PERFORMANCE FOR COPPER¹



COPPER COMEX FUTURE CURVE¹

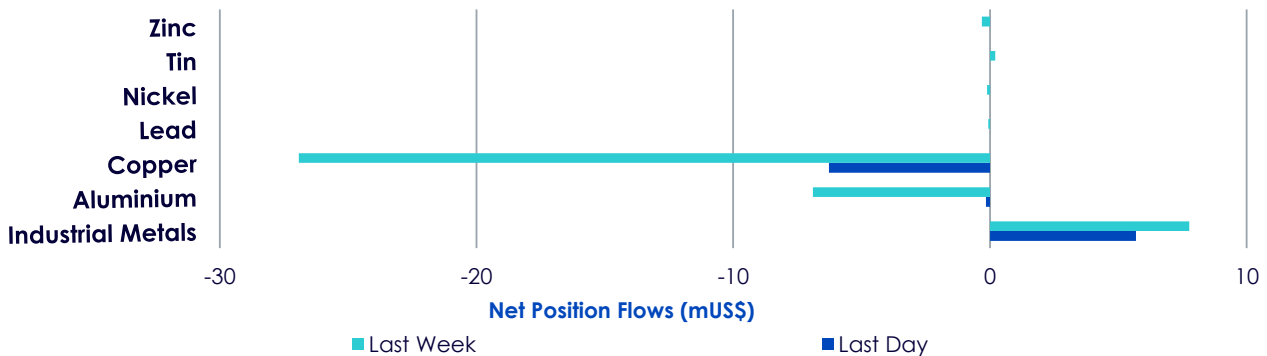


NICKEL LME FUTURE CURVE¹



RECENT POSITION FLOWS IN WISDOMTREE INDUSTRIAL METAL ETPs²

mUS\$ as of 22/07/2024	Copper	Nickel	Lead	Tin	Zinc	Aluminium	Industrial Metals
Last Day	-6.3	0.0	0.0	0.0	0.0	-0.2	5.7
Last Week	-26.9	-0.1	-0.1	0.2	-0.3	-6.9	7.8
Last 4 Weeks	-23.9	2.0	0.0	0.3	-1.3	-6.9	20.3
Year to Date	-529.2	2.2	-0.3	0.5	-8.9	-96.3	81.6
Baseline AUM (Dec 2023)	1,366	116	1	6	0	208	506



Find out more about Industrial Metals with WisdomTree here.

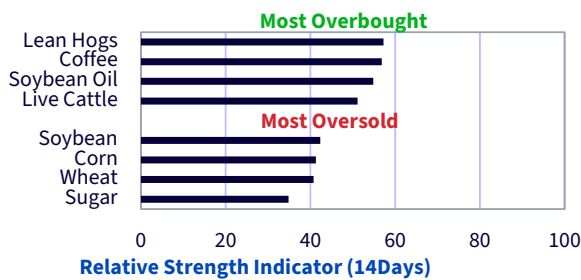
Source: Bloomberg, WisdomTree. All data are as of 22 July 2024. CFTC Futures and LME COTR net positionings as at 16 July 2024 and 12 July 2024 respectively. 3) All Performances are calculated on excess return indices. Closing Price are those of the Front Month Future in USD. Data about all indices can be found in Page 11 and 12. 1) The Ticker of the future used for these graphs can be found in page 11&12. 2) Net Position Flows and Net Position AUM are calculated by multiplying the AUM/Flow in a given ETP by the leverage of that ETP. **Historical performance is not an indication of future performance and any investments may go down in value.**

Agriculture Focus

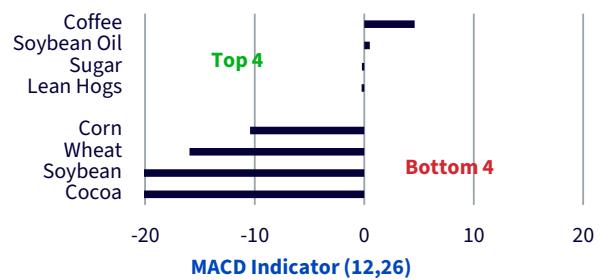
ASSET CLASS OVERVIEW²

Index Name	Closing Price	Last 1D	Last 1W	Last 1M	Year to Date	Current Positioning	Positioning 2023 Avg.
Wheat	548	↑ 1.0%	2.9%	-4.8%	-18.1%	-51,257	-65,226
Corn	400	↑ 2.5%	2.5%	-9.1%	-20.4%	-273,435	9,797
Soybean	1,118	↑ 3.2%	2.8%	-4.6%	-17.1%	-192,498	88,068
Soybean Oil	47	↑ 2.0%	-0.1%	1.1%	-9.6%	-5,464	19,082
Cotton	70	↓ -0.1%	-2.5%	-2.2%	-14.9%	-19,741	19,153
Cocoa	8,398	↑ 9.2%	-2.3%	-5.7%	137.7%	21,677	57,548
Coffee	243	↑ 2.0%	0.4%	8.0%	32.8%	70,350	7,294
Sugar	18	↓ -1.9%	-7.4%	-4.5%	-6.6%	57,912	198,707
Live Cattle	184	↑ 0.6%	0.4%	0.2%	10.9%	79,044	107,747
Lean Hogs	92	↑ 1.9%	8.9%	6.1%	6.0%	368	6,537

RELATIVE STRENGTH INDICATOR



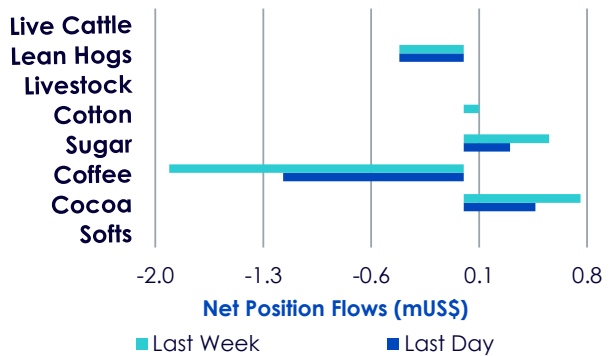
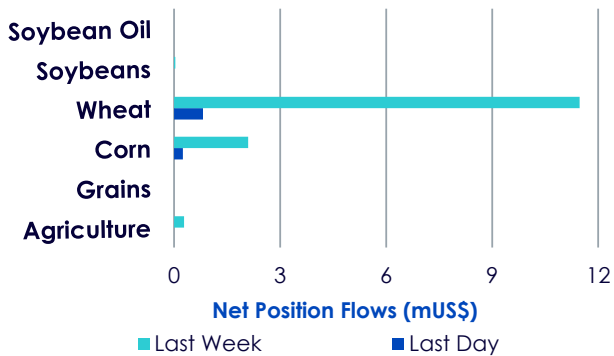
MACD INDICATOR



RECENT POSITION FLOWS IN WISDOMTREE AGRICULTURE ETFS¹

mUS\$ as of 22/07/2024	Agriculture	Softs	Cocoa	Coffee	Cotton	Sugar
Last Day	0.0	0.0	0.5	-1.2	0.0	0.3
Last Week	0.3	0.0	0.8	-1.9	0.1	0.6
Last 4 Weeks	4.4	0.0	1.2	-10.6	0.3	-0.3
Year to Date	46.4	0.2	-3.1	-47.3	2.3	7.5
Baseline AUM (Dec 2023)	237	2	15	76	5	21

mUS\$ as of 22/07/2024	Grains	Wheat	Corn	Soybean	Lean Hogs	Live Cattle	Livestock
Last Day	0.0	0.8	0.2	0.0	-0.4	0.0	0.0
Last Week	0.0	11.5	2.1	0.0	-0.4	0.0	0.0
Last 4 Weeks	0.1	33.9	5.2	-0.2	-0.3	0.0	0.0
Year to Date	0.7	20.3	9.0	1.1	-0.6	0.2	-0.4
Baseline AUM (Dec 2023)	21	77	30	11	4	1	1



Find out more about Softs and Grains Futures with WisdomTree here.

Source: Bloomberg, WisdomTree. All data are as of 22 July 2024. CFTC net positionings as at 16 July 2024. 1) Net Position Flows and Net Position AUM are calculated by multiplying the AUM/Flow in a given ETP by the leverage of that ETP. 2) All Performances are calculated on excess return indices. Closing Price are those of the Front Month Future in USD. Data about all indices can be found in Page 11 and 12.

MACD stands for Moving Average Convergence Divergence. Historical performance is not an indication of future performance and any investments may go down in value.

Appendix

INDEX MAP (1/2)

Handle	Index Name	Price Return Index Ticker	Total Return Index Ticker	Excess Return Index Ticker	Future Ticker
MSCI World	MSCI World Index	MXWO	NDDUWI Index		
MSCI EM	MSCI Emerging Markets Index	MXEF	NDUEEGF Index		
S&P 500	S&P 500 Index	SPX	SPTR500N Index		ES
Dow Jones	Dow Jones Industrial Average Index	INDU	DJINR Index		
Nasdaq 100	NASDAQ 100 Stock Index	NDX	NNDX Index		
Euro Stoxx 50	EURO STOXX 50 Index	SX5E	SX5T Index		VG
FTSE 100	FTSE 100 Index	UKX	UKXNUK Index		
DAX	DAX Index	DAX	DAXNR Index		
CAC 40	CAC 40 Index	CAC	NCAC Index		
FTSE MIB	FTSE MIB Index	FTSEMIB	FTSEMIBN Index		
IBEX 35	IBEX 35 Index	IBEX	IBEXNR Index		
Nikkei	Nikkei 225	NKY	NKYNTR Index		
Hang Seng	Hong Kong Hang Seng Index	HSI	HSI1N Index		
CSI 300	Shanghai Shenzhen CSI 300 Index	SHSZ300	CSIN0300 Index		
Quality	MSCI World Quality Index	MXWOQU	M1WOQU		
Momentum	MSCI World Momentum Index	MXWOMOM	M1WOMOM		
Min Vol	MSCI World Minimum Volatility Index	MXWOMVOL	M00IWOŞO		
Value	MSCI World Enhanced Value Index	MXWOEV	M1WOEV		
High Div	MSCI World High Dividend Yield Index	MXWDHDVD	M1WDHDVD		
Size	MSCI World Small Cap Index	MXWOSC	NCUDWI		
EUR Gov.	Bloomberg Barclays EuroAgg Treasury Index		LEATTREU		
US Gov.	Bloomberg Barclays US Treasury		LUATTRUU		
UK Gilt	Bloomberg Barclays Sterling Gilts Index		LSG1TRUU		
EUR IG Corp.	Bloomberg Barclays Euro Aggregate Corporate Index		LECP TREU		
USD IG Corp.	Bloomberg Barclays US Corporate Index		LUACTRUU		
UK IG Corp	Bloomberg Barclays Sterling Corporate Index		LC61TRGU		
EUR HY/EUR High Yield	Bloomberg Barclays Pan-European High Yield (Euro) Index		LP02TREU		
USD HY/USD High Yield	Bloomberg Barclays US Corporate High Yield Index		LF98TRUU		
CoCos/Global Cocos	iBoxx Contingent Convertible Liquid Developed Europe AT1		IBXXCCL1		
BCOM	Bloomberg Commodity Index			BCOM	
3M Fwd	Bloomberg Commodity Index 3 Month Forward			BCOMF3	
Roll Select	Bloomberg Roll Select Commodity Index			BCOMRS	
Optim Roll-WT	Optimized Roll Commodity Index Index			EBCIWTE	
UBS CMCI	UBS Bloomberg CMCI Composite Index			CMCIER	
UBS CMCI (BCOM)	UBS Bloomberg BCOM Constant CMCI Composite Index			CMDJCIER	
Gold	Bloomberg Gold Subindex			BCOMGC	GC
Physical Gold	LBMA Gold Price PM USD			GOLDLNP	
Platinum	BCOM Palladium Subindex			BCOMPL	PL
Silver	Bloomberg Silver Subindex			BCOMSI	SI
Physical Silver	LBMA Silver Price - Price/USD			SLVRLND	
Palladium	Bloomberg Palladium Subindex			BCOMPA	PA
Brent Oil	Bloomberg Brent Crude Subindex			BCOMCO	CO
WTI Oil	Bloomberg WTI Crude Oil Subindex			BCOMCL	CL
Natural Gas	Bloomberg Natural Gas Subindex			BCOMNG	NG
Heating Oil	Bloomberg Heating Oil Subindex			BCOMHO	HO
Gasoline	Bloomberg Unleaded Gasoline Subindex			BCOMRB	XB
Aluminum	Bloomberg Aluminum Subindex			BCOMAL	LA
Carbon	Solactive Carbon Emission Allowances Rolling Futures Index			SOLCARBF	MO

Source: Bloomberg, WisdomTree. As of 22 July 2024

Appendix

INDEX MAP (2/2)

Handle	Index Name	Price Return Index Ticker	Total Return Index Ticker	Excess Return Index Ticker	Future Ticker
Copper	Bloomberg Copper Subindex			BCOMHG	HG
Lead	Bloomberg Nickel Subindex			BCOMPB	LL
Nickel	Bloomberg Nickel Subindex			BCOMNI	LN
Tin	Bloomberg Zinc Subindex			BCOMSN	LT
Zinc	Bloomberg Zinc Subindex			BCOMZS	LX
Wheat	Bloomberg Wheat Subindex			BCOMWH	W
Corn	Bloomberg Corn Subindex			BCOMCN	C
Soybean	Bloomberg Soybeans Subindex			BCOMSY	S
Soybean Oil	Bloomberg Soybean Oil Subindex			BCOMBO	BO
Cotton	Bloomberg Cotton Subindex			BCOMCT	CT
Cocoa	Bloomberg Cocoa Subindex			BCOMCC	CC
Coffee	Bloomberg Coffee Subindex			BCOMKC	KC
Sugar	Bloomberg Sugar Subindex			BCOMSB	SB
Live Cattle	Bloomberg Live Cattle Subindex			BCOMLC	LC
Lean Hogs	Bloomberg Lean Hogs Subindex			BCOMLH	LH
DXY	US Dollar Index Spot Rate	DXY			
EUR/USD	EURUSD Spot Exchange Rate	EURUSD			
EUR/GBP	EURGBP Spot Exchange Rate	EURGBP			
EUR/JPY	EURJPY Spot Exchange Rate	EURJPY			
GBP/USD	GBPUSD Spot Exchange Rate	GBPUSD			
GBP/EUR	GBPEUR Spot Exchange Rate	GBPEUR			
CHF/USD	CHFUSD Spot Exchange Rate	CHFUSD			
CHF/EUR	CHFEUR Spot Exchange Rate	CHFEUR			
USD/EUR	USDEUR Spot Exchange Rate	USDEUR			
USD/JPY	USDJPY Spot Exchange Rate	USDJPY			
Precious Metals	Bloomberg Precious Metal Subindex			BCOMPR	
Energy	Bloomberg Energy Subindex			BCOMEN	
Industrial Metals	Bloomberg Industrial Metals Subindex			BCOMIN	
Agriculture	Bloomberg Agriculture Subindex			BCOMAG	
Grains	Bloomberg Grains Subindex			BCOMGR	
Softs	Bloomberg Softs Subindex			BCOMSO	
Livestock	Bloomberg Livestock Subindex			BCOMLI	
VIX	CBoe Volatility Index	VIX			
VSTOXX	EURO STOXX 50 Volatility Index	V2X			
CDX High Yield	Markit CDS North America High Yield	HY CDSI GEN 5Y SPRD			
iTraxx Crossover	Markit iTraxx Europe Crossover Index	X XOVER CDSI GEN 5Y			
Bitcoin	CME CF Bitcoin Reference Rate	BRR			
Ethereum	CME CF Ether Reference Rate	ETHUSD RR			
Gold Spot	Gold US Dollar Spot	XAU			
Silver Spot	Silver US Dollar Spot	XAG			

For Discount to NAVs and Bid Offer Spread Analysis, we consider the 5 largest ETPs in their Asset Class/Asset for US domiciled and Europe domiciled.

Net Position AUM is the sum of the AUM in each ETP multiplied by its leverage factor (which may be either negative or positive). A negative figure indicates investors are net short.

Net Position Flow is the change in the Net Position AUM that is not due to price changes and indicates whether investors are bullish (net long) or bearish (net short) after taking leverage factor into account.

Dictionary of some abbreviations

Last 1D	Last 1 Day
Last 1W	Last 1 Week
Last 1M	Last 1 Month
Δ1D	Change in value over the last day
Δ1W	Change in value over the last week
Δ1M	Change in value over the last month
Δyear to Date	Change in value since the end of last year
Closing Price	For Equity Indices as the last available Close Price of the index at the as of date For Futures, it is the settlement price of the future for the as of date

Source: Bloomberg, WisdomTree. As of 22 July 2024

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