Commodity Monthly Monitor

Even the fittest runners need a break

27 July 2021 - 27 Aug 2021



Summary

Commodities have been on a stellar run this year. Even the word 'supercycle' has returned to the Commodities have been on a stellar run fins year. Even the word "supercycle" has returned to the commonly used terms section in investor handbooks. In the last edition of this report, we observed that the second quarter of this year marked the strongest quarterly return for commodifies when the Bloomberg Commodity Total Return (BCOM TR) Index was up 13.3%. As of the end of August, BCOM TR Index has outpaced the S&P 500 Index – remarkable given US equities too are on a roll. But alas, athletes need breaks and bull runs take pauses. August was one such month for commodities.

Strong US labour market data at the start of August indicated that the economic recovery is on track—supposedly a good sign for cyclicals. Nonetheless, strong data quickly morphed into concems of tapering from the US Federal Reserve (Fed). This helped lift the US dollar and put pressure on commodities across the board. Over the course of the month, however, hawkish concems subsided, dollar gave back some of its gains, and commodities bounced back. Overall, commodities finished broadly flat over the month.

Annual inflation in the US for July remained elevated at 5.4%, the same reading as June challenging the Fed's narrative of inflation being transitory and making the central bank's September meeting one that commodify investors will be observing closely. Eurozone inflation also jumped to 3% in August, up from 2.2% in July. Broad commodifies are likely to remain attractive for investors as a hedge against these rises in inflation, a role the asset class has played effectively in the past.

So where might the next trigger for positive momentum come from for commodities? Most recently, So where might the next frigger for positive momentum come from for commodifies? Most recently, the slowdown in China's economic activity, as evident from a contractionary manufacturing Purchasing Managers' Index (PMI) for August has not helped. China's long term growth prospects and demand for commodifies go hand in hand, but individual data points can help stimulate market sentiment. Support may also come if additional pressure mounts on the dallar. Rising levels of inflation in Europe may help narrow expectations of interest rate differentials between Europe and the US. This could cap the advance of the US dollar and help boost commodifies. Nitesh Shah

Aneeka Gunta

Associate Director

- Precious metals retreat then recover to end the month broadly flat. Gold fell initially in response to strong US labour market data at the start of August but then recovered as the Fed maintained its dovish stance at the Jackson Hole symposium.
- Agricultural commodity performance bifurcated by changing supply situation. Sugar, wheat, and
 cotton continue to benefit from a fighter supply situation in key producer nations. Cocoa prices
 benefited from a steep rise in net speculative positioning however the ample supply situation is
 likely to remain a headwind for further upside.
- Industrial metals unable to recover their positive momentum in August as Chinese economic data **points to a slowdown.** While the industrial metals basket was broadly flat over the month, alumining proved to be a notable bright spot with the metal being supported by improving fundamentals.
- Hurricane Ida makes its presence felt in the energy sector. The extensive damage caused by Huricane Ida in the US is raising concerns on reduced supply of liquified Natural Gas (LNG) to Europe. This in turn is pushing the demand for carbon as high natural gas prices in Europe drive gas-to-coal switching in the power sector. Crude oil processing could take longer to recover than crude oil production owing to the ongoing power outages caused by Huricane Ida which could result in the increase in crude oil stocks.

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Commodity in	oniniy Mainx							
	Current Price ²	Returns (-1 Mth)	Price vs 200 days MA	Inventories ³ (- 3 Mths)	Positioning* (- 1 Mth)	Roll Yield ⁵	27 Aug Score	16 Sc
WTI Oil	68.7	-4.1%	11.7%	-10.7%	-16%	0.4%	1	
Brent Oil	72.7	-2.4%	12.9%	-2.8%	-	1.4%	3	
Natural Gas	4.37	10.0%	43.8%	28.7%	-21%	-0.4%	(2)	
Gasoline	2.27	-1.7%	18.8%	-2.8%	1%	7.3%	3	
Heating Oil	2.11	-1.6%	13.6%	-2.2%	28%	0.1%	3	
Carbon	59.0	11.6%	33.6%	-	-	0.0%	0	
Wheat	7.19	6.5%	8.7%	-1.1%	7%	-1.9%	2	(
Corn	5.58	1.7%	-2.5%	-1.3%	10%	0.8%	3	
Soybeans	13.6	-4.2%	-3.0%	3.7%	-15%	2.7%	(2)	
Sugar	0.20	9.2%	20.1%	-	12%	-3.1%	1	(
Cotton	0.96	6.1%	14.4%	-3.6%	22%	1.5%	4	
Coffee	1.90	-6.1%	33.3%	-8.4%	-4%	-1.4%	(1)	(
Soybean Oil	0.61	-7.5%	10.9%	10.6%	3%	1.3%	1	
Cocoa	2,602	8.7%	4.0%	-	3488%	0.8%	4	(
Aluminium	2,641	5.5%	16.1%	-22.9%	11%	-0.2%	2	
Copper (COMEX)	4.32	-5.0%	5.6%	-17.9%	-78%	0.0%	(1)	
Copper (LME)	9,414	-3.4%	5.1%	105.5%	13%	0.0%	1	(
Zinc	2,996	0.7%	4.9%	-21.4%	17%	-0.1%	2	(
Nickel	19,014	-1.7%	7.7%	-21.2%	-3%	0.0%	1	
Lead	2,331	-0.8%	9.9%	36.5%	-4%	0.9%	(1)	
Tin	34,090	-2.9%	21.4%	-59.6%	2%	0.7%	3	
Gold	1,817	1.0%	0.4%	-	7%	0.0%	4	(
Silver	24.1	-2.3%	-7.1%	-	-35%	0.0%	(4)	(
Platinum	1,006	-4.0%	-10.4%	-	-26%	0.0%	(4)	(
Palladium	2,402	-7.8%	-6.3%	-	-141%	-0.1%	(4)	(
Live Cattle	1.22	-0.8%	3.7%	-	28%	-5.5%	0	(
Lean Hogs	0.91	-15.6%	-2.6%	-	-8%	9.2%	(1)	
Feeder Cattle	1.65	2.5%	14.2%	-	30%	-2.2%	1	

Performance ⁻	- 1 Mth	- 6 Mth	- 12 Mth
All Commodities	0.5%	13.0%	32.8%
Energy	1.3%	22.8%	37.1%
Industrial Metals	-0.1%	9.6%	36.2%
Precious Metals	0.1%	1.4%	-8.1%
Agriculture	0.3%	11.7%	53.8%
MSCI World	2.2%	13.2%	28.3%
US Aggregate Bond	-0.1%	1.5%	0.2%
Bloomberg TR Indexes for basket WisdomTree, Bloomberg	retums, data to	Friday 27 Augus	† 2021. Source:

■ Precious Metals ■ Energy	■ Livestock ■ Agriculture		Industrial Metal
3.500 ¬		-	
3,000 -			
2,500 -			
2,000 -		A	
1,500			
1,000 -	V MM		
500		VV .	
0			
-500 -		•	
1,000			
2016 2017	2018	2019	2020

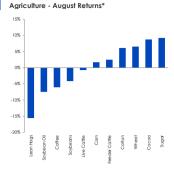
Information not available. Green = returns positive, inventories falling, positioning rising, roll yield positive. Red = the opposite, Black = neutral. I Detailed explanation of the matrix calculations can be found at the end of this report. 2 All prices are futures prices to fididay 27 Aug 21. Stood sector returns based on Bloomberg Commodify index family. 3% change in inventory over the past 3 months except for sugar and coffee which are based on past 6 months as data is updated bi-annually by ISBN 4 CPIC futures and IME COTR net positioning as at Aug 24, 2021 and Aug 27, 2021 respectively, % change from previous month. 5 Calculated as % difference between from month and second month futures prices on report of the project of month future sprices on report of the project of month future sprices on report of the project of month future sprices on report of the project of month future sprices on report of the project of month future sprices on report of the project of month future sprices on report of the project of month future sprices on report of the project of the past 3 months as a spring project of the proje

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

Sector Overview

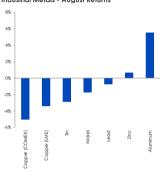


- Sugar prices are being driven higher by the prospect of lower sugar production in Brazil. After severe drought at the start of the year, followed by extreme frost in the Centre-South growing region in July, the volume of sugar cane in 2021/22 has been adjusted lower by the Brazilian Sugarcane Industry Association (Unica), Unica now envisages the volume of sugar cane to be around only 530mn tons compared to 605mn tons last year. Added to that, the world's second biggest sugar producer India is considering withdrawing its sugar export subsidies from the new season beginning in October given the strong sugar prices. The lack of incentives for the next season could weigh on sugar exports from India. The International Sugar Organisation increased its sugar deficit estimate for the 2021/22 season to 3.83mn tons compared to the prior forecast of a deficit of 2.65mn tons. Global production is expected to increase marginally by 0.2% over the prior year to 170mn tons, while consumption is expected to rise by 1.6% versus last year to 174.5mn tons in 2021/22.
- Cotton prices are trading near a seven year high. The unexpected downward revision of the US cotton crop estimate by the United States Department of Agriculture (USDA) coupled with the prospect of tropical storms in key US cotton plantations is lending buoyancy to cotton prices. The impact of the lower US crop is being reflected in global figures. USDA expects the global cotton crop to total 118.8mn bales, with ending stocks set to fall to 87.2mn bales, which is 500,000 bales lower than the prior forecasts. At the same time world consumption has staged a strong comeback at 119mn bales in 2020/21 reported last month, representing a sharp rise from the prior cating the string the pandamic levels. estimates of 102.8mn bales during the pandemic levels.



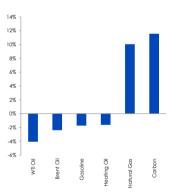
- Industrial metals, as a group, were down 0.1% last month, the second consecutive month of mixed performance across the range. Industrial metals have been hampered by three key headwinds since July, First, China has been selling state reserves of copper, aluminium, and zinc, in undisclose quantities to control the prices of these metals since July. While markets initially priced in the worst, the impact of this on total market balance has turned out to be less severe than anticipated. As a result, the headwind continued to subside over August. Second, US dollar's recent strength has weighed on industrial metals. And third, strong US labour market data at the start of August – a good sign for the economy and cyclical assets – ignited apprehensions of a hawkish shift from the Federal Reserve – a not-so-great sign for risk assets, Ultimately, the Fed quashed such concerns when Jay Powell made what markets perceived as a dovish speech at Jackson Hole. Industrial metals, like other risk assets, breathed a sigh of relief.
- Most recently, a cooldown in Chinese economic data has dampened the positive sentiment in industrial metals. China's Manufacturing Purchasing Managers' Index (PMI) for August fell into contractionary tentiory in August for the first time since the first quarter of 2020. Even though the key themes driving industrial metals are medium-to-long term, i.e., reflation, infrastructure spending by governments, and the energy transition, short-term economic data particularly from China will confinue to determine how quickly the raily can resume its positive momentum.
- Aluminium was, however, a bright spot among industrial metals last month rising 5.5%. The global pandemic hit the automobile industry particularly hard, with semiconductor shortages impeding manufacturing activity even after the economic recovery had otherwise begun. Early signs of these shortages easing may be on the horizon. Since the transport sector accounts for 23% of aluminium demand (Statista 2021), this is a positive sign for the metal. On the supply side, China's crackdown on coal-powered aluminium production for environmental reasons since the start of this year has resulted in supply cuts and producers looking to transition towards alternative energy sources. With China being the largest aluminium producer by far, this could keep the market undersupplied for years. Market pricing is beginning to reflect this "tightness" with aluminium's futures curve going from contango to backwardation in recent months, a relatively unusual state for an industrial metal.

Industrial Metals - August Returns*



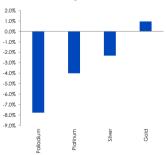
- Carbon (European Union Carbon Emissions Allowances) staged a strong recovery over the prior month benefitting from the price rally in the European gas market. The extensive damage caused by Hurricane Ida in the US is raising concerns on reduced supply of LNG to Europe. The supply situation on the gas market is already tight and could tighten further owing to the damage caused by Hurricane Ida. Higher gas prices raise the need to switch to produce coal-fired (emission intensive) electricity, which should subsequently push demand for allowances higher. In addition, the auction supply which tends to be low at this time of the year is also lending a tailwind to carbon prices.
- Oil prices came under pressure last month ahead of the meeting of the Organization of the Petroleum Exporting Countries and its partners (OPEC+). As expected, OPEC+ agreed to continue the monthly production hikes by 400,000 barrels per day (Bog) through May 2022. OPEC+ was confident that the oil market will remain in a deficit until year end due to increasing demand driving the need for additional supply. However, the outlook is expected to change next year. Despite the increase in the demand forecast for 2022 by 920,000 bpd by OPEC+ Joint Technical Committee (JTC), the oil market is expected to see an oversupply of 1.6mn bpd next year due to a simultaneous surge in oil supply. Oil prices are likely to remain under pressure as uncertainties continue to lurk on the horizon. For one, demand remains under threat from the emergence of new coronavirus strains. In addition, the US and Iran could still reach a deal allowing for a gradual increase of Iranian oil exports.

Energy - August Returns



- Precious metals were up 0.1% last month with gold being the only metal in the basket ending the month in positive territory.
- The month was split into two halves for precious metals. In the first half, the basket retreated as strong US labour market data prompted investors to worry about the Fed adopting a hawkish policy stance. By the second half of the month, markets began anticipating a continuation of the ongoing dovishness from the Fed. This expectation turned out to be true when Jay Powell made no hawkish announcements during his Jackson Hole speech. The basket recovered to end the month broadly flat. Under the hood, however, gold recouped its losses from earlier in the month, but silver, leating and pellediting fished is easily to expect the speech. platinum, and palladium finished in negative territory.
- US consumer price index inflation rate remained at 5.4% for July, the same reading as the month Us consumer price index initiation rate remained at 3.4% for July, the same reading as the month before. More recently, eurozone inflation has also shot up to 3% in August, up from 2.2% in July. Persistently elevated levels of inflation have not yet managed to lift speculative positioning for gold which remains meaningfully below this time last year. Focus now turns to the Fed's September meeting in which it may signal what its policy course might be for the rest of the year, although a sharp deviation from status quo seems unlikely.
- Platinum was down 4% while palladium was down 7.8% last month. The fates of platinum and palladium are inextricably tied to the dynamics of the automobile market, given auto catalysts are the largest demand source for the two metals. Demand growth since the pandemic has been under the cloud of semiconductor shortages facing the automobile industry, i.e., fewer semiconductors for automobiles means fewer cars manufactured and, therefore, lower demand for auto catalyst materials. If gold lifts further, respite may come for both platinum and palladium on account of their correlation with gold. Issues in the automobile supply chains may take a bit longer to resolve but once they do, the strong fundamentals of the two metals should prove futiful.

Precious Metals - August Returns*



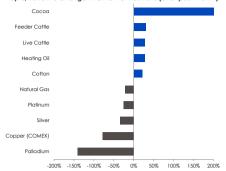
Technical Overview (as of Aug 27, 2021)



Positioning

- Net speculative positioning on cocoa rose by 3488% over the month helped by a sharp reduction in short positions. With the International Cocoa Organisation (ICCO) raising its forecast for the supply surplus in 2020/21 season from 165,000 to 230,000 tons, sentiment is likely to be negatively impacted.
- Net speculative positioning on cotton is now more than one standard deviation above the five-year average after surging 21.8% last month. USDA's downward revision of the US cotton crop has a strong role to play in the improvement in sentiment.
- Net positioning on Comex copper futures fell last month after rising the month before. Sentiment towards copper has struggled to gain momentum since Jult and the metal and Comex prices were down 5% last month.
- Net positioning in silver fell last month and is now approaching 1 standard deviation below its 5-year average. Silver prices dropped 2.3% over the month.
- Positioning in palladium, which remains subdued and below 1 standard deviation below its preceding 5-year average, dropped further during the month.

Top 5/Bottom 5 Change in CFTC Net Positions (over past month)¹

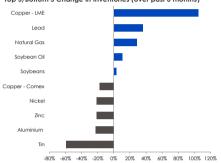


Source: Bloombera

Inventorie:

- Soybean oil inventories rose by 10.6% over the prior three months owing to weak demand from China and the US
- Natural gas inventories continued to rise in line with seasonal trends. Inventory
 gains are markedly lower than this time a year ago and sit closer to the bottom
 end of the five-year seasonal historic average plus or minus one standard
 deviation range.
- China has been selling state reserve of copper, aluminium, and nickel since July. Over the last 3 months, copper's COMEX inventories are down 17.9%, zinc down 21.4%, and aluminium down 22.9%.
- Tin's mining supply from key producing countries in Asia has been impacted by rising Covid cases. This tightness is now becoming apparent with inventory draws. Tin's inventories are down 59.6% over the past 3 months.

Top 5/Bottom 5 Change in Inventories (over past 3 months)²

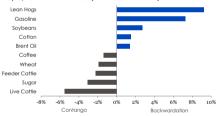


ource: Bloombera

Curve Dynamics

- Lean hog futures curve exhibits the steepest backwardation of all commodities, providing a positive roll yield of 9.2%. This indicates tightness of supply. Live cattle futures remain in seasonal contango yielding a negative roll yield of -5.5%.
- The front end of the cotton futures curve moved further into backwardation yielding a positive roll yield of 1.5% versus 0.6% in the prior month.
- Sugar moved more deeply into contango, with negative roll yield of -3.1% compared to -2.2% a month back.
- With the US driving season coming to an end this month, the gasoline futures curve is currently providing a positive front-month roll yield of 7.3%.
- Brent and WTI curves, while still in backwardation, have become much flatter

Top 5/Bottom 5 Roll Yields (front to next month)³

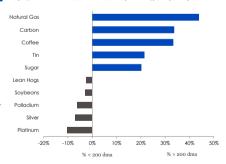


Source: Bloomberg

Technicals

- Coffee prices continue to trade above both its 50 and 200-dmas reflecting bullish investor sentiment following supply concerns from Brazil.
- The prospect of lower sugar production in Brazil continues to support sugar prices higher. It is currently trading 20% above its 200-dma which remains a bullish
- Despite a pullback of 2.9% last month, tin prices remain 21.4% above their 200days an apparent of the model! at all are an thin year before August
- Silver prices retreated by 2.3% last month and stand at 7.1% below their 200-day moving average (dma).
- With a price fall of 3% last month, platinum prices now stand at 10.4% below their
- Palladium's 7.8% price drop last month has taken it to 6.3% below its 200-dma.

Top 5/Bottom 5 Price Diff to 200 day moving ay. (dma)⁴



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¹ CFIC futures net positioning as at report date, percent change from previous month. 2 Percent change in inventory based on 3 month change (in %)
3 Roll yields calculated as percent change between front month futures price and next month futures price on Aug 27, 2021.

Roll yields calculated as percent change between front month futures price and next month futures price on Aug 27, 2021
 Percent difference between the front month futures price and its 200 day moving average on Aug 27, 2021.

Summary Tables



	PRICES ¹	Current	Unit	1 Month	3 Month	6 Month	1 Voor	Roll Yields ²	Unit	Exchang	27-Aug	1 Wook	1 Month	3 1400
Wilfoli 467 Misphes 416 286 1186 9978 Wilfoli USD/bels NYMCK 0.45 038 0.75 0.6 0.6 No. 1 N		Colleill	OTIII	- MOHIII	3 MOIIII	- O IVIOITIII	reur		OTIII	е	27-Aug	I WEEK	MOHIII	3 1/10/11
Beerl Cil 7.27 MSP/Pes 2.48 4.78 9.976 4.28 Beerl Cil MSP/Pes MSP/Pes 7.78 1.976 9.976 4.28 Beerl Cil MSP/Pes MSP/Pes 7.78 7.976 9.976 4.28 MSP/Pes 7.776 9.97		68.7	USD/bbl	-4.1%	2.8%	11.8%	59.7%		USD/bbl	NYMEX	0.4%	0.3%	0.7%	0.4%
Medical Case A.27														0.4%
General 2,7														-0.7%
Hearing Cil. 2.11 Justigot. 1.45 2.95 1.345 7.425 Hearing Cil. Usdrigot. NPMEX 0.15														-0.2%
Carbon 9/0 EMRMT 11/65 13/75 28/65 18/075 19/075	Heating Oil								-					0.1%
Wheel 7.2 USG/PU 6.9% 6.2% 7.9% 32.6% Wheel USG/PU CROP 1.9% 1.9	Carbon	59.0		11.6%	13.9%	58.4%	108.0%	Carbon		ICE	0.0%	0.0%	0.0%	0.0%
Com	Agriculture							Agriculture						
Sepheems 13.6 BidFlow 4.78	Wheat	7.2	USd/bu.	6.5%	6.2%	9.7%	32.4%	Wheat	USd/bu.	CBOT	-1.9%	-1.9%	-1.4%	-0.5%
Sugar Q.20 USG/Ib. P.26 17.1% 14.3% Sugar USG/Ib. NPBOT S.13% 3.3% 2.2% 2.6	Corn	5.6	USd/bu.	1.7%	-16.0%	0.5%	62.1%	Corn	USd/bu.	CBOT	0.8%	0.3%	0.5%	13.5%
Colfone 0.94 0.54/bb, 6.17 2.02 3.05 3.05 4.17 2.07 3.05 4.17 3.07 3.05 3.	Soybeans	13.6	USd/bu.	-4.2%	-11.6%	-3.3%	45.0%	Soybeans	USd/bu.	CBOT	2.7%	0.2%	3.7%	3.3%
Colfee 1.50 USA/ID. USA/ID. 1.75% 2.20% 3.55% 5.41% Colfee USA/ID. COLFO 1.45% 1.25% 1.25% 2.25%	Sugar													-0.69
Soybean Q. Q. Q. Q. Q. Q. Q. Q	Cotton													-1.69
Cocoo 2,602 USD/MI														-1.29
Marinium 2,441 ISD/MT 5,5% 7,3% 2,3% 45,4% 45,4% Copporr M32 USd/Ib. COMEX 0,7% 0,7% 0,1%														
All		2,602	USD/MT	8.7%	7.1%	-3.7%	0.5%			NYBOT	0.8%	0.5%	-1.8%	-1.59
Copper		2 (41	TAA/CISI	E E07	7 207	22.097	EO 097			IME	0.297	0.297	0.497	0.49
Copper Mart														
Time														
Nickel 19,01 USD/MT 1,278 6,478 2,578 18,778 18,778 18,778 18,778 19,778 19,778 18,778 19,77														
Lead 2,31 USD/MT 2,978 6,578 14,178 18,78 18,78 18,78 18,97 18,9														
Time														
Peaclous Metalos														
Gold 1,817 USD/1 oz. 1,078 4,278 5,178 5,578 Sold USD/1 oz. COMEX 0,078 0,078 0,078 0,078 1,078 Silver USD/1 oz. COMEX 0,078 0,078 0,078 0,078 1,078 Silver USD/1 oz. COMEX 0,078 0,078 0,078 0,078 1,078 Silver USD/1 oz. NYMEX 0,078 0,078 0,078 0,078 0,078 1,0		0 1,070	008/1111	2.770	0.270	20.770	711270			EIVIE .	0.770	0.170	0.070	2.07
Plantinum 1,006 USD/1 cz		1,817	USD/t oz.	1.0%	-4.2%	5.1%	-5.5%			COMEX	0.0%	0.0%	0.0%	-0.19
Peladelium 2,402 USD/1 cz 7,8% -14,3% 4,0% 11,4% Peladelium USD/1 cz NYMEX -0.1%	Silver	24.1	USD/t oz.	-2.3%	-13.8%	-8.9%	-10.9%	Silver	USD/t oz.	COMEX	0.0%	0.0%	0.0%	-0.19
Live Cortie 1.22 USch/lib. -0.8% 4.9% 7.9% 18.5% 18.5% Lean Hogs USch/lib. CME -5.5% -3.7% -4.3% -2.6% Freeder Cattle 1.65 USch/lib. -1.5.6% -2.1.6% 42.8% Lean Hogs USch/lib. CME -2.2% -3.9% -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -1.08 -2.0% -2.0% -1.08 -2.0% -2.0% -1.08 -2.0% -2.0% -1.08 -2.0% -2.0% -1.08 -2.0% -	Platinum	1,006	USD/t oz.	-4.0%	-14.6%	-15.0%	8.8%	Platinum	USD/t oz.	NYMEX	0.0%	0.0%	0.0%	-0.1
Live Cattle 1.22 USd/lb0.8% 4.9% 7.9% 18.5% Live Cattle USd/lb. CME -5.5% -3.7% -4.3% -2.66 Lean Hops 0.91 USd/lb15.6% -2.16% 4.1% 62.8% Lean Hops USd/lb. CME -9.2% 8.5% 16.2% -0.8 Feeder Cattle 1.65 USd/lb. 2.5% 20.8% 18.7% 16.0% Feeder Cattle USd/lb. CME -9.2% 8.5% 16.2% -0.8 Feeder Cattle USd/lb. CME -9.2% 8.5% 16.2% 8.5% 16.2% 8.5% 16.2	Palladium	2,402	USD/t oz.	-7.8%	-14.3%	4.0%	11.4%	Palladium	USD/t oz.	NYMEX	-0.1%	-0.1%	-0.1%	-0.19
Live Cattle 1.22 USd/lb0.8% 4.9% 7.9% 18.5% Live Cattle USd/lb. CME -5.5% -3.7% -4.3% -2.66 Lean Hops 0.91 USd/lb15.6% -2.16% 4.1% 62.8% Lean Hops USd/lb. CME -9.2% 8.5% 16.2% -0.8 Feeder Cattle 1.65 USd/lb. 2.5% 20.8% 18.7% 16.0% Feeder Cattle USd/lb. CME -9.2% 8.5% 16.2% -0.8 Feeder Cattle USd/lb. CME -9.2% 8.5% 16.2% 8.5% 16.2% 8.5% 16.2	Livestock							Livestock						
Lean Hogs 0,91 USd/lib15,6% -21,6% 4,1% 42,8% Lean Hogs USd/lib. CME 9,2% 8,5% 16,2% -0.88 Feeder Cartille USd/lib. CME 9,2% 8,5% 16,2% -0.88 Feeder Cartille USd/lib. CME 9,2% 8,5% 16,2% -0.88 Feeder Cartille USd/lib. CME 9,2% 8,5% 16,2% 10,08 Feeder Cartille USd/lib. CME 9,2% 8,5% 16,2% 3,09% 20,08 Feeder Cartille USd/lib. CME 9,2% 8,5% 16,2% 3,09% 20,08 Feeder Cartille USd/lib. CME 9,2% 8,5% 16,2% 3,09% 20,08 Feeder Cartille USd/lib. CME 9,2% 8,5% 16,2% 3,09% 20,08 Feeder Cartille USd/lib. CME 9,2% 8,5% 16,2% 3,09% 20,08 Feeder Cartille USd/lib. CME 9,2% 8,59% 20,09 Feeder Cartille USd/lib. CME 9,2% 8,45% 20,09 Feeder Cartille USd/lib. Cartille USd/l		1 22	USd/lb	-0.8%	4.9%	7 9%	18.5%		USd/lb	CME	-5.5%	-3 7%	-4.3%	-2.69
Common Str. Common Str. Average Common Str. Common Str														
Company Comp	=							=						
Internal Content Americal Position American Americal Position American A		_		5.4							5.4			
Will Oil	TC NET POSITIONI	NG ³	Current		1 Month	6 Month	1 Year	INVENTOR	Y LEVELS⁴	Current		1 Month	3 Month	6 Mor
Serent Oil**	ergy							Energy						
Natural Gas	WTI Oil		443,604	513,318	526,691	558,799	522,555	Oil - US		432,564	7.4%	-1%	-11%	-119
Gasoline 37,214 73,215 36,976 47,211 72,011 Gasoline - DOE 225,924 3,6% -4% -3% -7% -7% -7% -7% -7% -7% -7% -7% -7% -7	Brent Oil**		0	159,281	0	44,565	-91,220	Oil - OECD Euro	ppe**	342	7%	0.1%	-2.8%	-5%
Heating Oil 34,227 16,776 26,807 4,164 15,035 Heating Oil - DOE 8,423 4% - 7% - 2% 2% iculture Wheat 26,788 - 1-4,476 25,134 39,743 15,238 Aluminum - LME 1,338,125 - 5% - 5% - 22% 17% Soybeans 80,524 59,713 94,947 214,968 139,868 Aluminum - LME 1,338,125 - 5% - 5% - 26% - 26% Sugar 288,345 67,378 266,807 248,667 236,597 Copper 387,201 - 24% 6% - 5% 32% Cothon 106,345 58,618 87,283 97,552 63,079 Copper - LME 254,250 13% 13% 105% 234 Coffee 49,794 - 5,576 52,269 57,041 42,753 Copper - LME 82,390 - 55% - 14% - 63% - 44% Soybean Oil 59,851 44,890 58,045 128,664 79,308 Copper - COMEX 50,561 - 53% 13% - 18% - 27% Copper (LME) 45,833 41,953 40,642 66,327 67,348 Zinc - LME 238,275 13% - 4% - 17% - 12% Copper (LME) 45,833 41,953 40,642 66,327 67,348 Zinc - LME 238,275 13% - 4% - 17% - 12% Copper (LME) 30,268 24,251 31,091 43,088 34,378 Lead - 63,106 53,107 55,937 58,307 58,307 59	Natural Gas		-165,976	-67,434	-136,646	27,959	14,751	Natural Gas - D	OE	2,851	6.5%	5%	29%	55%
Industrial Metals Indu	Gasoline		37,214	73,215	36,976	47,211	72,011	Gasoline - DOE		225,924	3.6%	-4%	-3%	-7%
Aluminum	Heating Oil		34,227	16,776	26,807	4,164	15,035	Heating Oil - D	DE	8,423	4%	-7%	-2%	2%
Com 338,914 84,970 308,484 504,397 18,339 Aluminum - LME 1,338,125 -5% -5% -2% -2% 1% Soybeans 80,524 59,713 94,947 214,968 139,868 Aluminium - SHFE 248,926 -46% -7% -26% -265 -265 Sugar 298,345 67,378 266,807 248,667 236,597 Copper 387,201 -24% 6% -5% 329 Cotton 106,345 58,618 87,228 97,552 63,079 Copper - LME 254,250 13% 13% 105% 234,600 Coffee 49,934 -5,576 52,269 57,041 42,753 Copper - SHFE 82,390 -55% -14% -65% -44% 50,000 Copper - COMEX 50,561 -53% 13% -18% -27% 1000 Copper - COMEX 50,561 -53% 13% -1000 Copper - COMEX 50,561 -53% 13% -1000 Copper - COMEX 50,561 -53% 13% -1000 Copper - COMEX 50,561 -53% 13%	iculture							Industrial Meta	ls					
Soybeans 80,524 59,713 94,947 214,968 139,868 Aluminium - SHFE 248,926 -46% -7% -26% -265	Wheat		26,788	-14,476	25,134	39,743	15,238	Aluminum		1,587,051	-15%	-5%	-23%	-4%
Sugar 298,345 67,378 266,807 248,667 236,597 Copper 387,201 -24% 6% -5% 329 Cotton 106,345 58,618 87,283 97,552 63,079 Copper -LME 254,250 13% 13% 105% 234 Coffee 49,934 -5,576 52,269 57,041 42,753 Copper -SHFE 82,390 -53% -14% -63% -44% 50x -44%	Corn		338,914	84,970	308,484	504,397	18,339	Aluminum - LM	E	1,338,125	-5%	-5%	-22%	1%
Catiton 106,345 58,618 87,283 97,552 63,079 Copper - LME 254,250 13% 13% 105% 234 Coffee 49,934 -5,576 52,269 57,041 42,753 Copper - SHFE 82,390 -53% -14% -63% -445	Soybeans		80,524	59,713	94,947	214,968	139,868	Aluminium - SH	FE	248,926	-46%	-7%	-26%	-269
Coffee 49,934 -5,576 52,269 57,041 42,753 Copper SHFE 82,390 -53% -14% -63% -445	Sugar		298,345	67,378	266,807	248,667	236,597	Copper		387,201	-24%	6%	-5%	32%
Soybean Oil 59,851 44,890 58,045 128,664 79,308 Copper COMEX 50,561 -53% 13% -18% -27% -27% -225% -25% -26% -10% -21% -225% -25% -25% -25% -25% -25% -25% -2	Cotton		106,345	58,618	87,283	97,552	63,079	Copper - LME		254,250	13%	13%	105%	234
Part	Coffee		49,934	-5,576	52,269	57,041	42,753	Copper - SHFE		82,390	-53%	-14%	-63%	-44
Strict S					58 045	128,664	79,308	Copper - COM	EX	50,561	-53%	13%	-18%	-27
Copper (COMEX 8,123 17,472 37,670 75,754 48,338 Zinc - LME 238,275 13% -4% -17% -12	Soybean Oil		59,851	44,890	50,045		00 500					1007	0107	220
Copper (LME) 45,833 41,953 40,642 66,327 67,348 Zinc - SHFE 52,157 -42% 43% -37% -55% Aluminum 174,717 165,714 157,450 204,004 192,435 Lead 250,885 60% 14% 36% 86% Nickel 30,268 24,251 31,091 43,088 34,378 Lead - LME 55,450 -53% -10% -44% -41% Vinc 83,850 51,890 71,691 73,462 57,856 Lead - SHFE 195,435 406% 24% 131% 381 Jead 63,106 53,617 65,97 58,608 57,116 Tin 2,782 -6% -49% -40% -72 Lead 15,805 -53% -32 85% -87 -818 6,901 8,259 8,099 Tin - LME 1,585 -53% -32% 85% -88 Sold 220,506 191,075 205,700 216,845 250,097						33,104	33,539	Nickel - LME		195,252	-26%	-10%	-21%	-22
Aluminum 174,717 165,714 157,450 204,004 192,435 Lead 250,885 60% 14% 36% 869 Nickel 30,268 24,251 31,091 43,088 34,378 Lead - LME 55,450 - 5.3% - 1.0% - 4.4% - 4.1% - 4.	Cocoa ustrial Metals ⁵					33,104	33,539	Zinc		290,432			-21%	
Nickel 30,268 24,251 31,091 43,088 34,378 Lead - LME 55,450 -53% -10% -44% -41% -41% -41% -41% -41% -41% -41	Cocoa ustrial Metals ⁵ Copper (COMEX)		26,840 8,123	13,972 17,472	748 37,670	75,754	48,338	Zinc Zinc - LME		290,432 238,275	-3% 13%	2% -4%	-21% -17%	-25 9
Tinc 83,850 51,890 71,691 73,462 57,856 Lead - SHFE 195,435 406% 24% 131% 381 Lead 63,106 53,617 65,937 58,608 57,116 Tin 2,782 - 69% -49% -60% -722 (100 - 100 -	Cocoa ustrial Metals ⁵ Copper (COMEX) Copper (LME)		8,123 45,833	13,972 17,472 41,953	748 37,670 40,642	75,754 66,327	48,338 67,348	Zinc Zinc - LME Zinc - SHFE		290,432 238,275 52,157	-3% 13% -42%	2% -4% 43%	-21% -17% -37%	- 25 9
ead 63,106 53,617 65,937 58,608 57,116 Tin 2,782 -69% -49% -60% -72 in 6,456 8,178 6,301 8,259 8,099 Tin - LME 1,585 -53% -32% 85% -89 ticus Metals Sold 220,506 191,075 205,700 216,845 250,097 Agriculture 19,278 39,300 29,558 48,982 37,095 Wheat - USDA 292 -99.8% -1.7% -1.1% -1.3 Patinum 8,892 22,876 12,024 34,515 19,828 Corn - USDA 279,860 115 -0.3% -1.3% -7.6 Patinum -454 10,506 1,118 405 2,551 Soybeans - USDA 94,400 59% 2,1% 3,7% 96 Stock Ive Cattlle 119,550 88,354 93,583 109,862 82,021 Cothon - USDA 87,740 38% -1.7% -3.6% -6.1 ean Hogs 91,858 46,861 99,671 81,729 37,685 Coffee - USDA 36,566 5% 14,2% -8,4% -89	Cocoa ustrial Metals ^s Copper (COMEX) Copper (LME) Numinum		8,123 45,833 174,717	13,972 17,472 41,953 165,714	748 37,670 40,642 157,450	75,754 66,327 204,004	48,338 67,348 192,435	Zinc Zinc - LME Zinc - SHFE Lead		290,432 238,275 52,157 250,885	-3% 13% -42% 60%	2% -4% 43% 14%	-21% -17% -37% 36%	-25 -12 -55 86%
fin 6,456 8,178 6,301 8,259 8,099 Tin - LME 1,585 -53% -32% 85% -89 cious Metals Tin - SHFE 1,197 -79% -62% -80% -86 Gold 220,506 191,075 205,700 216,845 250,097 Agriculture Silver 19,278 39,300 29,558 48,982 37,095 Wheat - USDA 292 -99,8% -1.7% -1.13 -1.3 -7.6 Polladium -88 10,506 1,118 405 2,551 Soybeans - USDA 94,490 59% 2.1% 3.7% 9.6 stock Sive Cattle 119,550 88,354 93,583 109,862 82,021 Cotton - USDA 87,740 38% -1.7% -3.6% -6.1 steach 119,550 88,354 93,583 109,862 82,021 Cotton - USDA 87,740 38% -1.7% -3.6% -6.1 steach steach	Cocoa ustrial Metals ^s Copper (COMEX) Copper (LME) Aluminum Nickel		8,123 45,833 174,717 30,268	13,972 17,472 41,953 165,714 24,251	748 37,670 40,642 157,450 31,091	75,754 66,327 204,004 43,088	48,338 67,348 192,435 34,378	Zinc Zinc - LME Zinc - SHFE Lead Lead - LME		290,432 238,275 52,157 250,885 55,450	-3% 13% -42% 60% -53%	2% -4% 43% 14% -10%	-21% -17% -37% 36% -44%	-25 -12 -55 869 -41
Scious Metals Tin - SHFE 1,197 -79% -62% -80% -86% -86 Gold 220,506 191,075 205,700 216,845 250,097 Agriculture	Cocoa Justrial Metals ⁵ Copper (COMEX) Copper (LME) Aluminum Nickel Zinc		8,123 45,833 174,717 30,268 83,850	13,972 17,472 41,953 165,714 24,251 51,890	748 37,670 40,642 157,450 31,091 71,691	75,754 66,327 204,004 43,088 73,462	48,338 67,348 192,435 34,378 57,856	Zinc Zinc - LME Zinc - SHFE Lead Lead - LME Lead - SHFE		290,432 238,275 52,157 250,885 55,450 195,435	-3% 13% -42% 60% -53% 406%	2% -4% 43% 14% -10% 24%	-21% -17% -37% 36% -44%	-259 -129 -559 869 -419 381
Solid 220,506 191,075 205,700 216,845 250,097 Agriculture 19,278 39,300 29,558 48,982 37,095 Wheat - USDA 292 -99.8% -1,7% -1,1% -1,3 -1,6 -1,	Cocoa Ustrial Metals ⁵ Copper (COMEX) Copper (LME) Aluminum Nickel Tinc Lead		8,123 45,833 174,717 30,268 83,850 63,106	13,972 17,472 41,953 165,714 24,251 51,890 53,617	37,670 40,642 157,450 31,091 71,691 65,937	75,754 66,327 204,004 43,088 73,462 58,608	48,338 67,348 192,435 34,378 57,856 57,116	Zinc Zinc - LME Zinc - SHFE Lead Lead - LME Lead - SHFE Tin		290,432 238,275 52,157 250,885 55,450 195,435 2,782	-3% 13% -42% 60% -53% 406% -69%	2% -4% 43% 14% -10% 24% -49%	-21% -17% -37% 36% -44% 131% -60%	-25 -12 -55 869 -41 381 -72
Silver 19,278 39,300 29,558 48,982 37,095 Wheat - USDA 292 -99.8% -1,7% -1.1% -1.3 -1.3 -1.6 -1.3 -1.3 -1.6 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	Cocoa Jistrial Metals ⁵ Copper (COMEX) Copper (LME) Aluminum Hickel Itinc Lead In		8,123 45,833 174,717 30,268 83,850 63,106	13,972 17,472 41,953 165,714 24,251 51,890 53,617	37,670 40,642 157,450 31,091 71,691 65,937	75,754 66,327 204,004 43,088 73,462 58,608	48,338 67,348 192,435 34,378 57,856 57,116	Zinc - LME Zinc - SHFE Zinc - SHFE Lead Lead - LME Lead - SHFE Tin Tin - LME		290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585	-3% 13% -42% 60% -53% 406% -69% -53%	2% -4% 43% 14% -10% 24% -49% -32%	-21% -17% -37% 36% -44% 131% -60%	-25 -12 -55 869 -41' 381 -72
Platinum 8,892 22,876 12,024 34,515 19,828 Corn - USDA 279,860 115% -0.3% -1.3% -7.6 Palladium -454 10,506 1,118 405 2,551 Soybeans - USDA 94,490 59% 2,1% 3,7% 97 Interpretable 119,550 88,354 93,583 109,862 82,021 Cotton - USDA 87,740 38% -1.7% -3.6% -6.1 Interpretable 119,550 88,354 99,671 81,729 37,685 Coffee - USDA 36,566 5% 14.2% -8.4% -89	Cocoa Justrial Metals ⁵ Copper (COMEX) Copper (LME) Aluminum Nickel Zinc Lead Iin		8,123 45,833 174,717 30,268 83,850 63,106 6,456	17,472 41,953 165,714 24,251 51,890 53,617 8,178	748 37,670 40,642 157,450 31,091 71,691 65,937 6,301	75,754 66,327 204,004 43,088 73,462 58,608 8,259	48,338 67,348 192,435 34,378 57,856 57,116 8,099	Zinc - LME Zinc - SHFE Lead Lead - LME Lead - SHFE Tin Tin - LME Tin - SHFE		290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585	-3% 13% -42% 60% -53% 406% -69% -53%	2% -4% 43% 14% -10% 24% -49% -32%	-21% -17% -37% 36% -44% 131% -60%	-259 -129 -559 869 -419 381 - 72 9
Palladium -454 10,506 1,118 405 2,551 Soybeans - USDA 94,490 59% 2.1% 3.7% 97% stock Sugar - USDA 1,468 -96% 0 0% 1,468 119,550 88,354 93,583 109,862 82,021 Cotton - USDA 87,740 38% -1.7% -3.6% -6.1	Cocca Justical Metals ^s Copper (COMEX) Copper (LME) Aluminum Nickel Zinc Lead Jin Lious Metals Gold		26,840 8,123 45,833 174,717 30,268 83,850 63,106 6,456 220,506	13,972 17,472 41,953 165,714 24,251 51,890 53,617 8,178	748 37,670 40,642 157,450 31,091 71,691 65,937 6,301	75,754 66,327 204,004 43,088 73,462 58,608 8,259	48,338 67,348 192,435 34,378 57,856 57,116 8,099	Zinc - LME Zinc - SHFE Lead Lead - LME Lead - SHFE Tin Tin - LME Tin - SHFE Agriculture		290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585 1,197	-3% 13% -42% 60% -53% 406% -69% -53% -79%	2% -4% 43% 14% -10% 24% -49% -32% -62%	-21% -17% -37% -36% -44% 131% -60% 85% -80%	-25 -12 -55 869 -41' 381 -72 -89
stock Sugar - USDA 1,468 -96% - - 0% Live Cattle 119,550 88,354 93,583 109,862 82,021 Cotton - USDA 87,740 38% -1.7% -3.6% -6.1 Lean Hogs 91,858 46,861 99,671 81,729 37,685 Coffee - USDA 36,566 5% 14.2% -8.4% -89	Cocca ustrial Metals ^s Copper (COMEX) Copper (LME) Aluminum Nickel Zinc Lead Iiin Cious Metals Gold		26,840 8,123 45,833 174,717 30,268 83,850 63,106 6,456 220,506 19,278	17,472 41,953 165,714 24,251 51,890 53,617 8,178	748 37,670 40,642 157,450 31,091 71,691 65,937 6,301 205,700 29,558	75,754 66,327 204,004 43,088 73,462 58,608 8,259 216,845 48,982	48,338 67,348 192,435 34,378 57,856 57,116 8,099 250,097 37,095	Zinc - LME Zinc - SHFE Lead Lead - LME Lead - SHFE Tin Tin - LME Tin - SHFE Agriculture Wheat - USDA		290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585 1,197	-3% 13% -42% 60% -53% 406% -69% -53% -79%	2% -4% 43% 14% -10% 24% -49% -32% -62%	-21% -17% -37% -36% -44% 131% -60% 85% -80%	-25: -12: -55: 86% -41: 381: -72: -8% -86:
ive Cattle 119,550 88,354 93,583 109,862 82,021 Cotton - USDA 87,740 38% -1.7% -3.6% -6.1 Lean Hogs 91,858 46,861 99,671 81,729 37,685 Coffee - USDA 36,566 5% 14.2% -8.4% -8.7	Cocca ustrial Metals ⁵ Copper (COMEX) Copper (LME) Aluminum Nickel Zinc Lead Tin Licious Metals Gold Silver Platinum		8,123 45,833 174,717 30,268 83,850 63,106 6,456 220,506 19,278 8,892	17,472 41,953 165,714 24,251 51,890 53,617 8,178 191,075 39,300 22,876	748 37,670 40,642 157,450 31,091 71,691 65,937 6,301 205,700 29,558 12,024	75,754 66,327 204,004 43,088 73,462 58,608 8,259 216,845 48,982 34,515	48,338 67,348 192,435 34,378 57,856 57,116 8,099 250,097 37,095 19,828	Zinc - LME Zinc - SHFE Lead Lead - LME Lead - SHFE Tin Tin - LME Tin - SHFE Agriculture Wheat - USDA Corn - USDA		290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585 1,197 292 279,860	-3% 13% -42% 60% -53% 406% -69% -53% -79%	2% -4% 43% 14% -10% 24% -49% -32% -62% -1.7% -0.3%	-21% -17% -37% -36% -44% 131% -60% 85% -80% -1.1% -1.3%	-25; -12; -55; 86% -41; 381; -72; -8% -86; -1.3
ean Hogs 91,858 46,861 99,671 81,729 37,685 Coffee - USDA 36,566 5% 14.2% -8.4% -8.5	Cocca Jistrial Metals ⁵ Copper (COMEX) Copper (LME) Aluminum Nickel Zinc Lead Iin Licious Metals Gold Silver Palladium		8,123 45,833 174,717 30,268 83,850 63,106 6,456 220,506 19,278 8,892	17,472 41,953 165,714 24,251 51,890 53,617 8,178 191,075 39,300 22,876	748 37,670 40,642 157,450 31,091 71,691 65,937 6,301 205,700 29,558 12,024	75,754 66,327 204,004 43,088 73,462 58,608 8,259 216,845 48,982 34,515	48,338 67,348 192,435 34,378 57,856 57,116 8,099 250,097 37,095 19,828	Zinc - LME Zinc - SHFE Lead - LME Lead - SHFE Tin Tin - LME Tin - SHFE Agriculture Wheat - USDA Soybeans - USDA)A	290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585 1,197 292 279,860 94,490	-3% 13% -42% 60% -53% 406% -69% -53% -79% -99.8% 115% 59%	2% -4% 43% 14% -10% 24% -49% -32% -62% -1.7% -0.3% 2.1%	-21% -17% -37% 36% -44% 131% -60% 85% -80% -1.1% -1.3% 3.7%	-25; -12; -55; 86% -41; 381; -72; -8% -86; -1.3
-	Cocoa ustrial Metals* Copper (COMEX) Copper (LME) Aluminum Nickel Zinc Lead Itin cious Metals Gold Silver Platinum Palladium		26,840 8,123 45,833 174,717 30,268 83,850 63,106 6,456 220,506 19,278 8,892 -454	13,972 17,472 41,953 165,714 24,251 51,890 53,617 8,178 191,075 39,300 22,876 10,506	748 37,670 40,642 157,450 31,091 71,691 65,937 6,301 205,700 29,558 12,024 1,118	75,754 66,327 204,004 43,088 73,462 58,608 8,259 216,845 48,982 34,515 405	48,338 67,348 192,435 34,378 57,856 57,116 8,099 250,097 37,095 19,828 2,551	Zinc - LME Zinc - SHFE Lead - LME Lead - SHFE Tin Tin - LME Tin - SHFE Agriculture Wheat - USDA Soybeans - USD Sugar - USDA	DA.	290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585 1,197 292 279,860 94,490 1,468	-3% 13% -42% 60% -53% 406% -69% -53% -79% -99.8% 115% 59% -96%	2% -4% 43% 14% -10% 24% -49% -32% -62% -1.7% -0.3% 2.1%	-21% -17% -37% 36% -44% 131% -60% -85% -80% -1.1% -1.3% 3.7%	-25' -12' -55' 86' -41' 381' -72' -8% -86' -1.3 -7.6 9% 0%
	Cocoa ustrial Metals ² Copper (COMEX) Copper (LME) Aluminum Nickel Zinc Lead Itin cious Metals Gold Siliver Platinum Platinum Pstack Live Cattle		26,840 8,123 45,833 174,717 30,268 83,850 63,106 6,456 220,506 19,278 8,892 -454 119,550	17,472 41,953 165,714 24,251 51,890 53,617 8,178 191,075 39,300 22,876 10,506	748 37,670 40,642 157,450 31,091 71,691 65,937 6,301 205,700 29,558 12,024 1,118	75,754 66,327 204,004 43,088 73,462 58,608 8,259 216,845 48,982 34,515 405	48.338 67,348 192,435 34.378 57,856 57,116 8.099 250,097 37,095 19,828 2,551	Zinc - LME Zinc - SHFE Lead - LME Lead - SHFE Tin Tin - LME Tin - SHFE Agriculture Wheat - USDA Corn - USDA Soybeans - USD Sugar - USDA Cotton - USDA)A	290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585 1,197 292 279,860 94,490 1,448 87,740	-3% 13% -42% 60% -53% 406% -69% -53% -79% -99.8% 115% 59% -96% 38%	2% -4% 43% 14% -10% -24% -49% -32% -62% -1.7% -0.3% -1.7%	-21% -17% -37% 36% -44% 131% -60% 85% -80% -1.1% -1.3% 3.7% -	-259 -129 -559 869 -419 3819 -729 -8% -869 -1.39 -7.66 9% 0% -6.19
	Cocoa Justrial Metals ⁸ Copper (COMEX) Copper (LME) Aluminum Vickel Pinc Lead Fin Ciaus Metals Gold Silver Platinum Pl		26,840 8,123 45,833 174,717 30,268 83,850 63,106 6,456 220,506 19,278 8,892 -454 119,550	17,472 41,953 165,714 24,251 51,890 53,617 8,178 191,075 39,300 22,876 10,506	748 37,670 40,642 157,450 31,091 71,691 65,937 6,301 205,700 29,558 12,024 1,118	75,754 66,327 204,004 43,088 73,462 58,608 8,259 216,845 48,982 34,515 405	48.338 67,348 192,435 34.378 57,856 57,116 8.099 250,097 37,095 19,828 2,551	Zinc - LME Zinc - SHFE Lead - LME Lead - SHFE Tin Tin - LME Tin - SHFE Agriculture Wheat - USDA Corn - USDA Soybeans - USD Sugar - USDA Cotton - USDA		290,432 238,275 52,157 250,885 55,450 195,435 2,782 1,585 1,197 292 279,860 94,490 1,448 87,740	-3% 13% -42% 60% -53% 406% -69% -53% -79% -99.8% 115% 59% -96% 38%	2% -4% 43% 14% -10% -24% -49% -32% -62% -1.7% -0.3% -1.7%	-21% -17% -37% 36% -44% 131% -60% 85% -80% -1.1% -1.3% 3.7% -	-29 -12 -55 86 -4' 38 -72 -8 -8 -7. -7. -7. -7. -9' 0' -6.

Peededr Cattile

11,42b 8,401 8,762 3,865 9,663 30yDeart Oil - USDA 4,522 11% 9,2% 11%

1Performance of front month futures from 27 Aug 20 (1 Year), 27 Feb 21 (6 Month), 27 May 21 (3 Month) and 27 Jul 21 (1 Month) to 27 Aug 21.

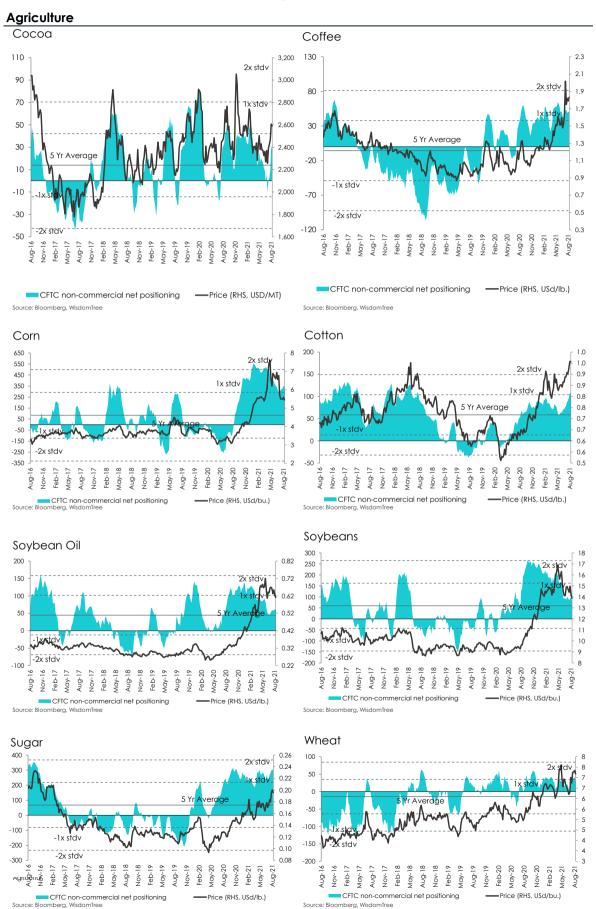
2Roll return non-cnnualised from front month futures into second "month on 27 May 21 (3 Month), 27 Jul 21 (1 Month), 20 Aug 21 (1 Week), 27 Aug 21.

3Net positions in number of contracts. *Current inventories relative to 1, 3, 6 months ago. Under the column "5 yr average" is the current inventory level relative to 5 year average inventory. For energy, 5 yr average is the average of the same month as report month over the past 5 years. SHFE started reporting inventory data from April 2015. 5All Industrial metals positioning data (excluding copper) is sourced from LME COTR data in Bloomberg from 30 January 2018 (first available date) under post-MIFID rules. **Brent 5 Yr average of net positions from January 2011 as positions were not reported by CFIC before then and inventory data (OECD) reported with 3 month log with current = May 2021.

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

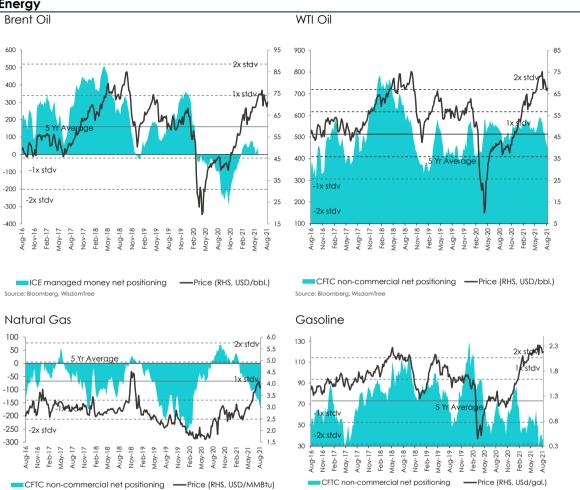


CFTC Speculative Net Long Futures Positions









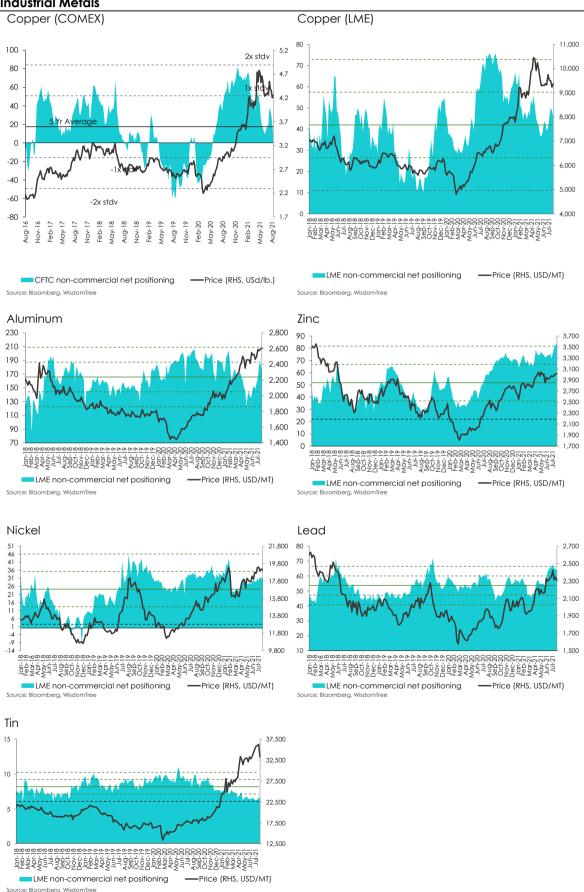
Source: Bloomberg, WisdomTree

Heating Oil

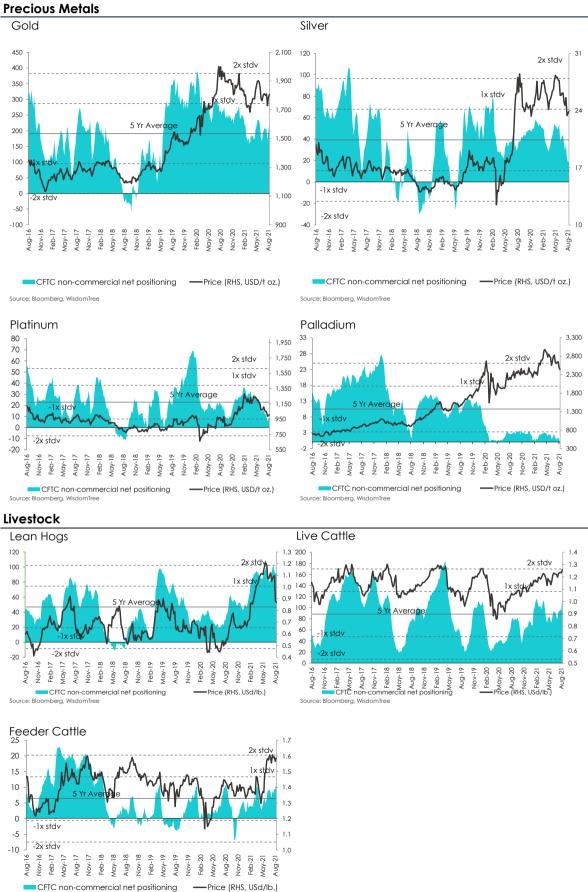




Industrial Metals









Inventories

Agriculture

Corn - Stock to Use

Annual data in %, from 1980 to 2021 50 45 % chg in projections vs. previous = 1.7% 40 35 30 25 20 15 10

Corn - Ending Stocks

Annual data in mln tons, from 1980 to 2021

400 chg in projections vs. previous = -3.7 350 300 250 200 150

0



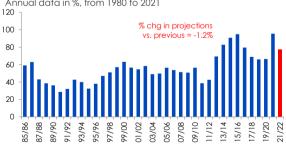
Coffee - Ending Stocks

100

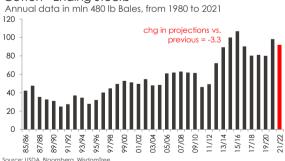
50

Annual data in mln bags (60 kg), from 1980 to 2021 60 $_{\rm T}$ 50 40 30 20 10

Cotton - Stock to Use Annual data in %, from 1980 to 2021



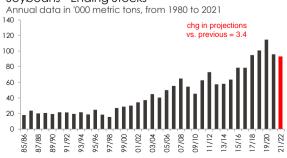
Cotton - Ending Stocks



Source: USDA, Bloomberg, WisdomTree



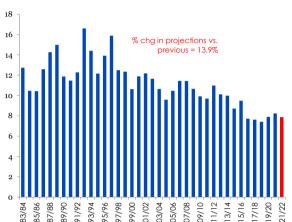
Soybeans - Ending Stocks





Soybean Oil - Stock to Use

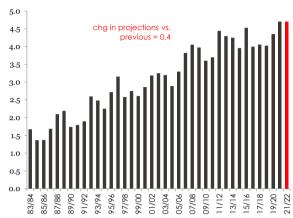
Annual data in %, from 1980 to 2021



Source: USDA, Bloomberg, WisdomTree

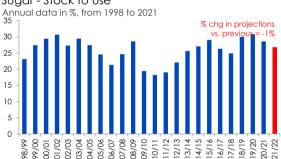
Soybean Oil - Ending Stocks

Annual data in mln Metric Tons, from 1980 to 2021



Source: USDA, Bloomberg, WisdomTree

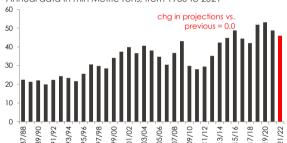
Sugar - Stock to Use



Source: USDA. Bloomberg. WisdomTree

Sugar - Ending Stocks

Annual data in mln Metric Tons, from 1980 to 2021



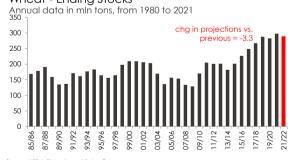
Source: USDA, Bloomberg, WisdomTree

Wheat - Stock to Use



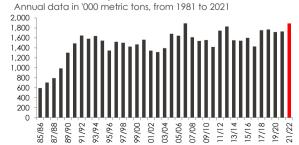
Source: USDA, Bloomberg, WisdomTree

Wheat - Ending Stocks



Source: USDA, Bloomberg, WisdomTree

Cocoa - Inventory



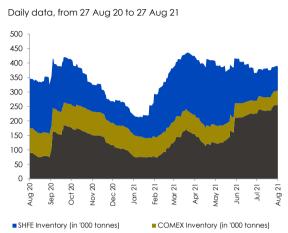
 ${\tt Source: International\ Cocoa\ Organisation,\ Bloomberg,\ WisdomTree}$



Industrial Metals

Aluminum Inventory Daily data, from 27 Aug 20 to 27 Aug 21 2,500 2,000 1,500 1,000 500 0 Aug 20 -Nov 20 Sep 20 20 ö ■ SHFE Inventory (in '000 tonnes) ■LME Inventory (in '000 tonnes)

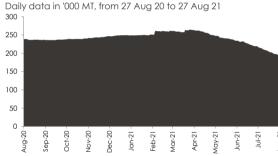
Copper Inventory



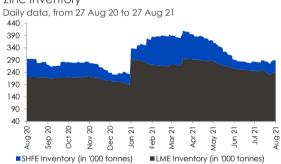
■ LME Inventory (in '000 tonnes)

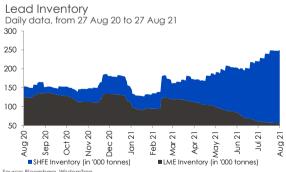
Source: Bloomberg, WisdomTree

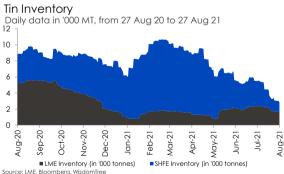
Nickel Inventory



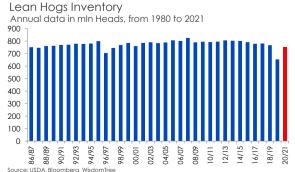
Zinc Inventory







Livestock



Live Cattle Inventory



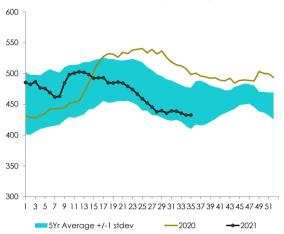
Source: USDA, Bloombera, WisdomTree



Energy

US Oil Inventory

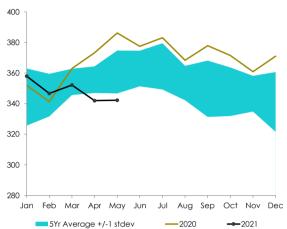
Weekly data in mln barrels, from Aug 16 to Aug 21



Source: DOE, Bloomberg, WisdomTree

OECD Europe Oil Industry Inventory

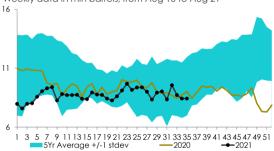
Monthly data in mln barrels, from May 16 to May 21



Source: IEA, Bloomberg, WisdomTree

Heating Oil Inventory

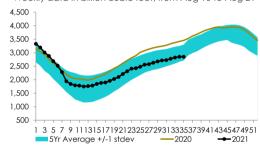
Weekly data in mln barrels, from Aug 16 to Aug 21



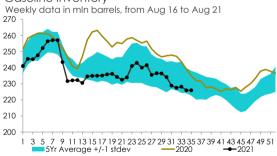
Source: DOE, Bloomberg, WisdomTree

Natural Gas Inventory

Weekly data in billion cubic feet, from Aug 16 to Aug 21



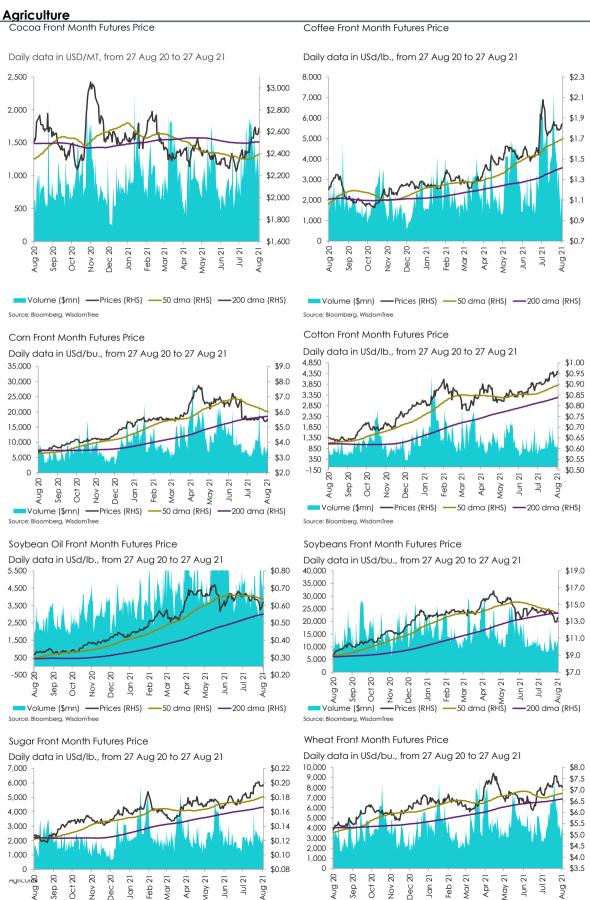
Gasoline Inventory



Source: DOE, Bloomberg, WisdomTree



Commodities Front Month Futures and Trading Volumes



50 dma (RHS)

J

λug

200 dma (RHS)

β Feb Μar Apr

Prices (RHS)

oct

. domTree

Volume (\$mn)

-200 dma (RHS)

g

Prices (RHS)

Volume (\$mn)

Mar

50 dma (RHS)

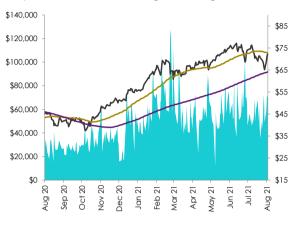


Energy

Brent Oil Front Month Futures Price

WTI Oil Front Month Futures Price

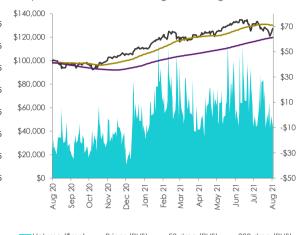




■ Volume (\$mn) — Prices (RHS) — 50 dma (RHS) — 200 dma (RHS) Source: Bloomberg, WisdomTree

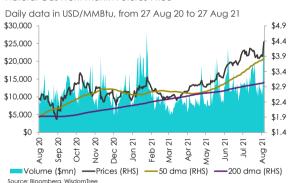
Gasoline Front Month Futures Price

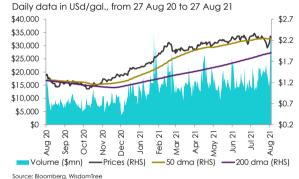




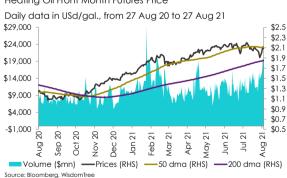
Volume (\$mn) → Prices (RHS) → 50 dma (RHS) → 200 dma (RHS) Source: Bloomberg, WisdomTree

Natural Gas Front Month Futures Price



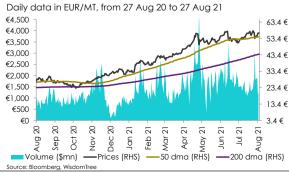


Heating Oil Front Month Futures Price



Carbon

Carbon Front Month Futures Price

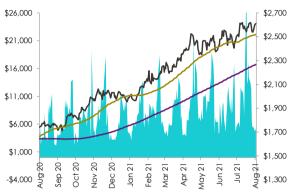


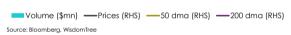


Industrial Metals

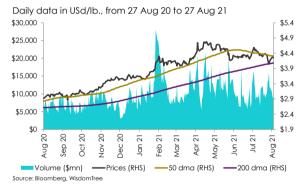
Aluminum Front Month Futures Price

Daily data in USD/MT, from 27 Aug 20 to 27 Aug 21

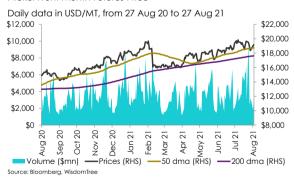




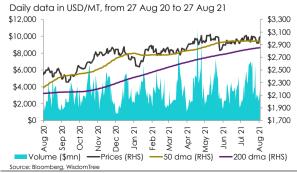
Copper (COMEX) Front Month Futures Price



Nickel Front Month Futures Price

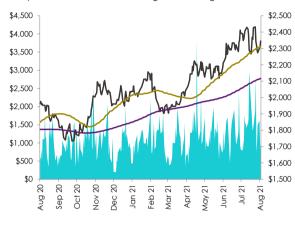


Zinc Front Month Futures Price



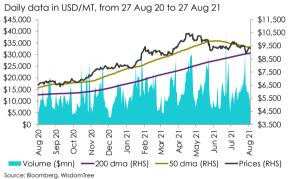
Lead Front Month Futures Price

Daily data in USD/MT, from 27 Aug 20 to 27 Aug 21

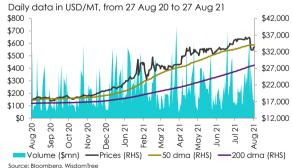




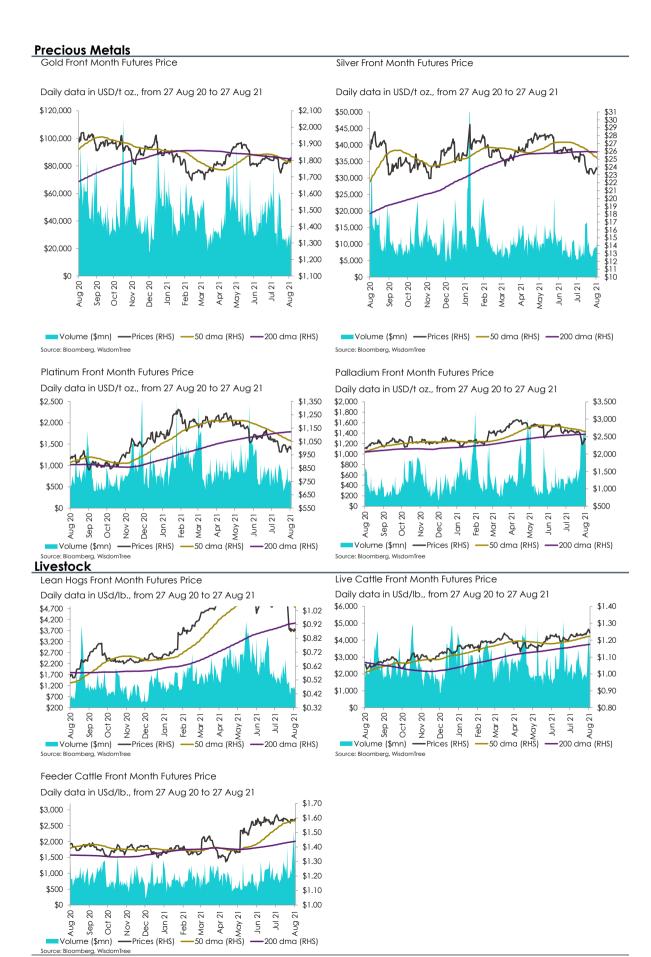
Copper (LME) Front Month Futures Price



Tin Front Month Futures Price

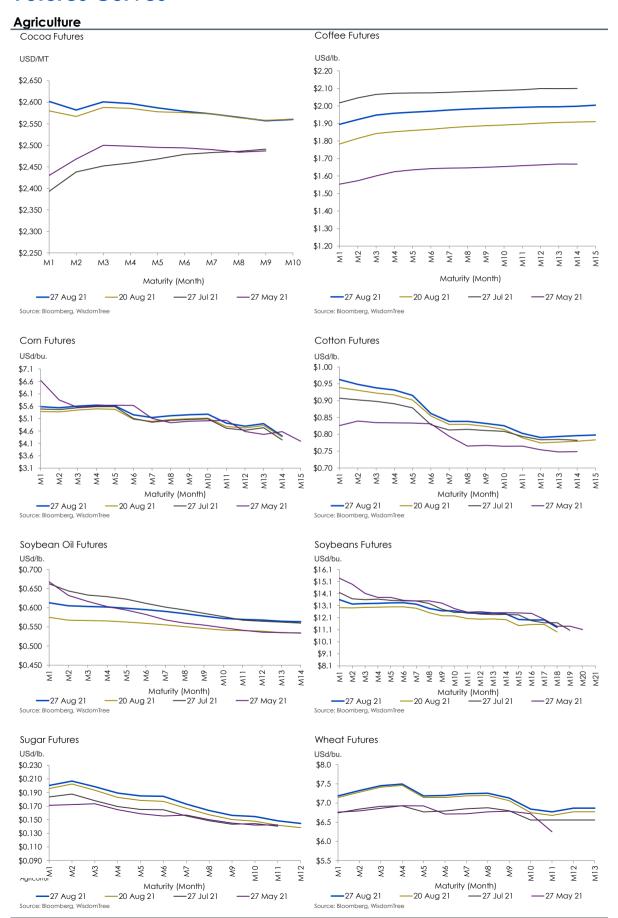




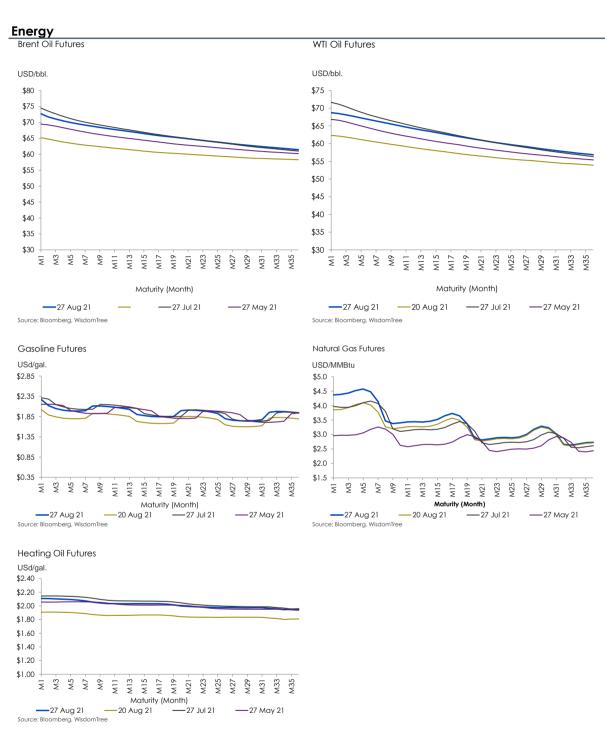




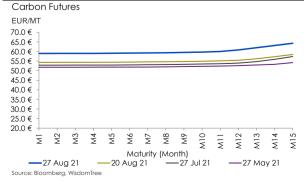
Futures Curves



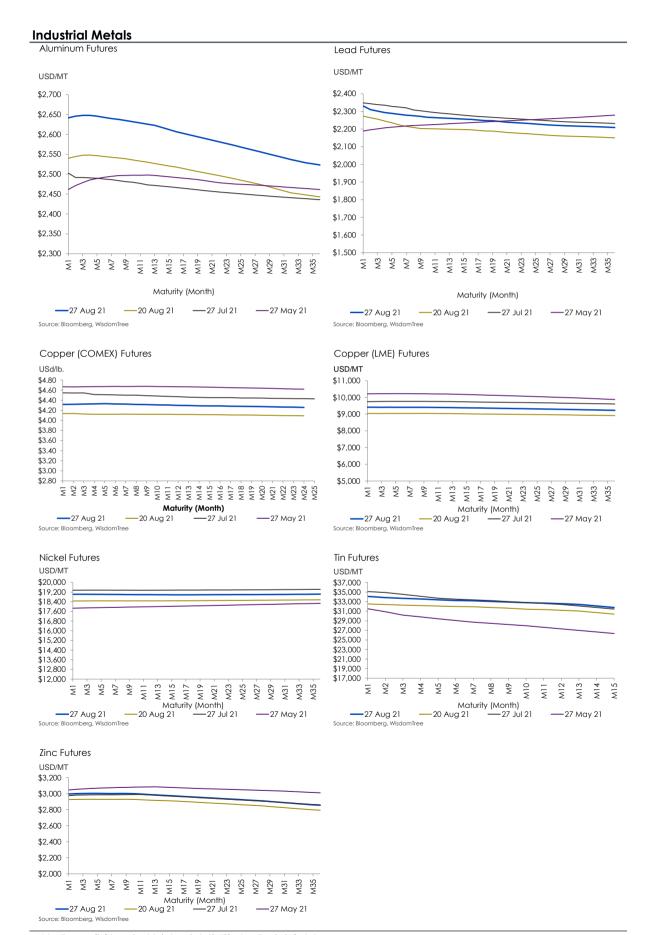




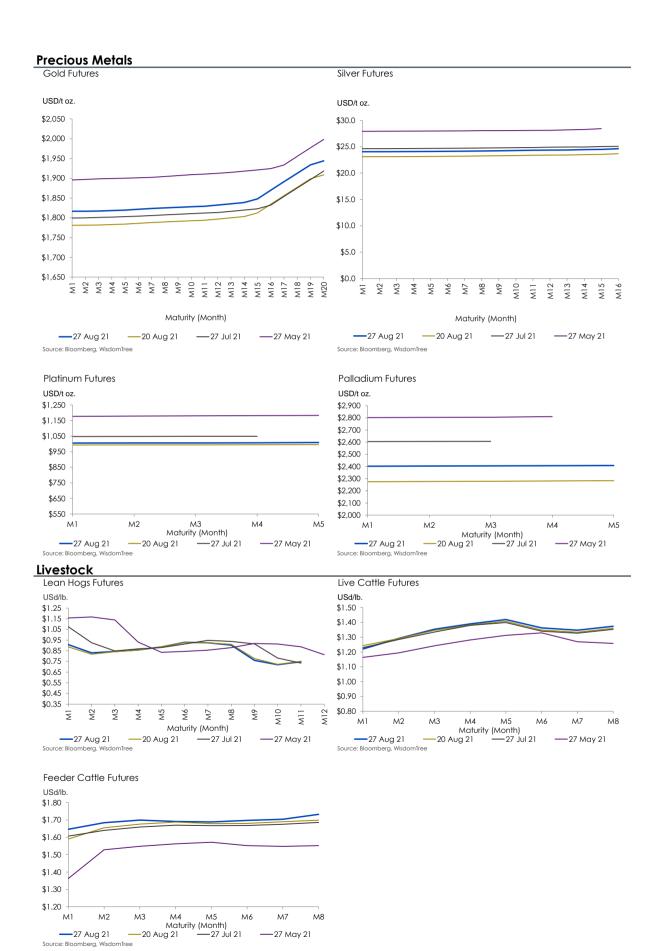
Carbon













Commodity Monthly Matrix Explained

Score based on unweighted sum of four fundamental/technical measures detailed below with each measure awarded a possible score of -1, 0, or 1 depending on whether variable is viewed as fundamentally negative, neutral or positive. Score ranging from -4 to +4. For commodities where data is not available or not relevant, scores are calculated on remaining variables and adjusted to the -4 to +4 scale. The score matrix is designed to highlight significant changes in key variables but should not be viewed as predictor of performance.

The four fundamental/technical measures are as follow:

- price vs. 200 days moving average: 1 when price is above 200dma and return is positive, -1 when price is below 200dma and return is negative, 0 otherwise
- % change in net positioning over the past month: 1 when % change is positive, -1 when % change is negative, 0 when no change
- -% change in inventory level over the past 3 months: 1 when % is negative, -1 when % is positive, 0 when no change
- roll yield between the front and second month futures contracts: 1 when in backwardation, -1 when in contango, 0 when no change

CALENDAR

WisdomTree - Re	ecent Blogs						
31-Aug-21	Aneeka Gupta	https://www.wisdomtree.eu/en-ab/bloa/2021-08-31/kickina-the-implicit-augrantee-of-state-owned-enterprise					
31-Aug-21	•	https://www.wisdomtree.eu/en-gb/blog/2021-08-31/wisdomtree-quarterly-thematic-review-does-the-winner-take-it-all					
27-Aug-21	Mobeen Tahir	https://www.wisdomtree.eu/en-gb/blog/2021-08-27/whats-hot-aluminiums-fundamentals-keep-getting-better					
27-Aug-21	WisdomTree	https://www.wisdomtree.eu/en-gb/blog/2021-08-27/whats-hot-is-it-time-to-look-at-china-again					
Ü							
25-Aug-21	Pierre Debru	https://www.wisdomtree.eu/en-gb/blog/2021-08-25/the-time-for-quality-is-nigh					
24-Aug-21	WisdomTree	Introduction to Ethereum's dApps - Deep Dive into Aave					
19-Aug-21	WisdomTree	Key Takeaways from the Cloud 100					
18-Aug-21	Bessemer Venture	Bessemer Venture Key Takeaways from the Cloud 100					
13-Aug-21	Aneeka Gupta	Time to separate the wheat from the chaff					
13-Aug-21	Aneeka Gupta	What's Hot: Q2 Earnings season – Europe in pole position					
11-Aug-21	WisdomTree	Another Cloud Deal: Zoom Announces the Acquisition of Five9					
09-Aug-21	WisdomTree	China of Tomorrow Podcast: Digging Into Metals with Open Mineral					
04-Aug-21	Didier Haenecour	Is the recent fall in bond yields inflation related?					
WisdomTree - Po	ast Issues of Comm	odity Monthly Monitor					
Jun - Jul 2021	Research Team	Commodities had their best quarterly performance in a decade					
May - Jun 2021	Research Team	Nobody likes a show-off					
Apr- May 2021	Research Team	Inflation Underpins Commodity Strength					
Mar - Apr 2021	Research Team	Macro conditions remain supportive despite China sprinkling seeds of doubt					
Feb - Mar 2021	Research Team	Cyclicals ignore sell-off in equities					
The research no	tes are for qualified	d investors only.					
Key Reports							

Current	Next release		
12-Jul-21	12-Aug-21	USDA	World Agricultural Supply and Demand Estimates
07-Jul-21	10-Aug-21	EIA	Short-Term Energy Outlook
10-Jul-21	12-Aug-21	OPEC	OPEC Oil Market Report
13-Jul-21	12-Aug-21	IEA	IEA Oil Market Report

DISCLAIMER

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