

CME Group Exchange Open Interest Report - Monthly

	Open Interest JUL 2023	Open Interest JUL 2022	% CHG	Open Interest JUN 2023	% CHG
Interest Rate Futures					
10-YR Eris LIBOR	0	67,740	-100.0%	0	-
10-YR Eris SOFR	77,268	1,175	6,476.0%	76,943	0.4%
10-YR MAC LIBOR	0	14,074	-100.0%	0	-
10-YR MAC SOFR	0	0	-	0	-
10-YR NOTE	4,817,315	3,539,224	36.1%	4,724,880	2.0%
10Y YIELD	6,337	3,266	94.0%	5,698	11.2%
15-YR Eris LIBOR	0	0	-	0	-
1-MONTH EURODOLLAR	0	43,471	-100.0%	0	-
1-YR Eris BSBY	0	300	-100.0%	0	-
1-YR Eris SOFR	7,599	8,627	-11.9%	7,598	0.0%
20-YR BOND	105	840	-87.5%	89	18.0%
20-YR Eris LIBOR	0	0	-	0	-
2-YR Eris LIBOR	0	103,781	-100.0%	0	-
2-YR Eris SOFR	22,534	3,949	470.6%	22,227	1.4%
2-YR NOTE	3,632,221	1,992,292	82.3%	3,664,567	-0.9%
2Y YIELD	805	616	30.7%	926	-13.1%
30-Year UMBS TBA Futures - 2.5%	30	0	-	0	-
30-Year UMBS TBA Futures - 3.0%	157	0	-	30	423.3%
30-Year UMBS TBA Futures - 3.5%	137	0	-	30	356.7%
30-Year UMBS TBA Futures - 4.0%	114	0	-	7	1,528.6%
30-Year UMBS TBA Futures - 4.5%	129	0	-	75	72.0%
30-Year UMBS TBA Futures - 5.0%	293	0	-	182	61.0%
30-Year UMBS TBA Futures - 5.5%	313	0	-	30	943.3%
30-Year UMBS TBA Futures - 6.0%	450	0	-	120	275.0%
30-YR BOND	1,274,967	1,184,018	7.7%	1,244,847	2.4%
30-YR Eris LIBOR	0	2,273	-100.0%	0	-
30-YR MAC LIBOR	0	0	-	0	-
30-YR SWAP RATE	2,273	0	-	2,273	0.0%
30Y YIELD	119	3,045	-96.1%	91	30.8%
3-YR Eris BSBY	0	0	-	0	-
3-YR Eris LIBOR	0	30,532	-100.0%	0	-
3-YR Eris SOFR	18,169	6,733	169.8%	17,538	3.6%
3-YR NOTE	10,880	7,389	47.2%	10,338	5.2%
4-YR Eris LIBOR	0	9,697	-100.0%	0	-
4-YR Eris SOFR	7,108	575	1,136.2%	6,628	7.2%
5-YR Eris LIBOR	0	16,610	-100.0%	0	-
5-YR Eris SOFR	22,254	1,271	1,650.9%	20,056	11.0%
5-YR MAC LIBOR	0	19,146	-100.0%	0	-
5-YR MAC SOFR	0	0	-	0	-
5-YR NOTE	5,513,928	3,942,475	39.9%	5,085,321	8.4%
5Y YIELD	3	1,092	-99.7%	2	50.0%
7-YR Eris LIBOR	0	21,100	-100.0%	0	-
7-YR Eris SOFR	17,327	289	5,895.5%	17,218	0.6%
BSBY 3-MONTH FUTURES	7,726	25,493	-69.7%	8,390	-7.9%
ESTR Basis Spread Futures	659	0	-	657	0.3%
ESTR Futures	7,113	0	-	7,001	1.6%
EURODOLLARS	0	9,490,993	-100.0%	0	-
FED FUND	1,753,172	1,896,557	-7.6%	1,753,035	0.0%
FTIIE	313	61	413.1%	249	25.7%
SOFR	10,967,851	7,298,956	50.3%	10,444,136	5.0%

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Interest Rate Futures					
SONIA	3,688	8,152	-54.8%	3,688	0.0%
Ultra 10-Year Note	1,786,248	1,166,780	53.1%	1,695,024	5.4%
ULTRA T-BOND	1,536,173	1,308,803	17.4%	1,522,542	0.9%
Interest Rate Options					
10-YR NOTE	2,302,435	2,525,113	-8.8%	1,858,168	23.9%
2-YR NOTE	153,066	71,484	114.1%	164,453	-6.9%
30-YR BOND	439,125	428,826	2.4%	400,310	9.7%
5-YR NOTE	1,013,572	862,321	17.5%	1,009,558	0.4%
EURODOLLARS	0	23,648,758	-100.0%	0	-
EURO MIDCURVE	0	5,590,750	-100.0%	0	-
FED FUND	0	2	-100.0%	1	-100.0%
SOFR	29,588,482	7,434,390	298.0%	29,518,374	0.2%
SOFR MIDCURVE	5,935,934	1,301,033	356.2%	5,013,159	18.4%
SOFR MISCURVE	0	0	-	0	-
Ultra 10-Year Note	1,995	0	-	245	714.3%
ULTRA T-BOND	2,579	778	231.5%	750	243.9%
Equity Index Futures					
BITCOIN	15,757	13,806	14.1%	18,264	-13.7%
DJ US REAL ESTATE SECTOR	38,376	44,894	-14.5%	43,200	-11.2%
E-mini (\$5) Dow	110,328	74,121	48.8%	94,731	16.5%
E-mini FTSE China 50	0	18	-100.0%	0	-
E-MINI MIDCAP	39,036	53,588	-27.2%	37,982	2.8%
E-MINI NASDAQ 100	260,515	260,662	-0.1%	249,607	4.4%
E-MINI RUSSELL 1000	7,966	14,279	-44.2%	8,191	-2.7%
E-MINI RUSSELL 1000 GROWTH	4,328	4,958	-12.7%	4,367	-0.9%
E-MINI RUSSELL 1000 VALUE	13,530	21,000	-35.6%	13,604	-0.5%
E-MINI RUSSELL 2000	532,226	575,953	-7.6%	519,687	2.4%
E-MINI S&P500	2,234,537	2,339,217	-4.5%	2,217,777	0.8%
E-MINI S&P500 ESG	17,939	13,504	32.8%	16,461	9.0%
ETHER	0	0	-	0	-
ETHER FUTURES	3,343	4,003	-16.5%	4,960	-32.6%
FT-SE 100	0	0	-	0	-
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	12	32	-62.5%	17	-29.4%
MICRO BITCOIN	19,339	23,679	-18.3%	12,893	50.0%
MICRO E-MINI NASDAQ 100	132,724	70,554	88.1%	102,582	29.4%
MICRO E-MINI RUSSELL 2000	18,952	27,490	-31.1%	17,656	7.3%
MICRO E-MINI S&P500	217,539	144,579	50.5%	162,238	34.1%
MICRO ETHER	19,006	64,677	-70.6%	20,363	-6.7%
MICRO MINI \$5 DOW	26,207	16,948	54.6%	19,325	35.6%
NASDAQ-100 VOLATILITY	0	20	-100.0%	0	-
NASDAQ BIOTECH SECTOR	21	73	-71.2%	27	-22.2%
Nearby BTIC+	0	100	-100.0%	0	-
NIKKEI 225 (\$) STOCK	16,555	13,627	21.5%	15,595	6.2%
NIKKEI 225 (YEN) STOCK	51,565	60,842	-15.2%	54,565	-5.5%

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Equity Index Futures					
PHLX SEMICONDUCTOR SECTO	616	0	-	762	-19.2%
S&P 500	458,124	308,113	48.7%	440,426	4.0%
S&P 500 ANNUAL DIVIDEND IND	206,312	228,713	-9.8%	204,510	0.9%
S&P 500 QUARLY DIVIDEND IND	34,735	10,532	229.8%	29,953	16.0%
S&P 600 SMALLCAP EMINI	537	0	-	0	-
S&P BIOTECHNOLOGY SECTOR	211	0	-	209	1.0%
S&P COMMUNICATION SERVICE	5,628	2,325	142.1%	4,268	31.9%
S&P CONSUMER DISCRETIONAR	7,848	6,923	13.4%	8,530	-8.0%
S&P CONSUMER STAPLES SECT	15,357	16,135	-4.8%	15,768	-2.6%
S&P ENERGY SECTOR	24,140	33,540	-28.0%	23,410	3.1%
S&P FINANCIAL SECTOR	34,020	21,695	56.8%	33,704	0.9%
S&P HEALTH CARE SECTOR	14,821	21,142	-29.9%	13,725	8.0%
S&P INDUSTRIAL SECTOR	15,393	15,947	-3.5%	15,062	2.2%
S&P MATERIALS SECTOR	18,932	9,241	104.9%	17,919	5.7%
S&P OIL & GAS EXPLORATION A	39	0	-	9	333.3%
S&P REAL ESTATE SECTOR	9,640	3,869	149.2%	6,972	38.3%
S&P REGIONAL BANKS SECTOR	627	0	-	580	8.1%
S&P RETAIL SECTOR	699	0	-	786	-11.1%
S&P TECHNOLOGY SECTOR	11,902	10,644	11.8%	10,134	17.4%
S&P UTILITIES SECTOR	38,250	20,299	88.4%	26,003	47.1%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	65	202	-67.8%	23	182.6%
WATER INDEX FUTURES	0	0	-	0	-
Equity Index Options					
BITCOIN OPTIONS	4,756	5,070	-6.2%	10,350	-54.0%
DJIA	0	0	-	0	0.0%
E-mini (\$5) Dow	91	680	-86.6%	78	16.7%
E-MINI NASDAQ 100	223,431	197,660	13.0%	223,927	-0.2%
E-MINI RUSSELL 2000	37,469	40,805	-8.2%	40,622	-7.8%
E-MINI S&P500	4,973,873	4,422,726	12.5%	4,898,448	1.5%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	1,945	0	-	2,605	-25.3%
EVENT CONTRACT S&P 500	0	0	-	0	0.0%
MICRO BITCOIN	9,707	10,013	-3.1%	9,562	1.5%
MICRO E-MINI NASDAQ 100	11,247	4,747	136.9%	10,118	11.2%
Micro E-mini S&P 500	48,139	44,142	9.1%	45,909	4.9%
MICRO ETHER	16,860	42,149	-60.0%	26,712	-36.9%
S&P 500	0	0	-	0	-

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Metals Futures					
ALUMINUM	56,549	58,328	-3.0%	54,983	2.8%
COBALT METAL FUTURES	21,918	5,322	311.8%	21,224	3.3%
COMEX COPPER	240,799	185,926	29.5%	190,619	26.3%
COMEX E-Mini GOLD	842	1,640	-48.7%	1,196	-29.6%
COMEX E-Mini SILVER	383	443	-13.5%	347	10.4%
COMEX GOLD	444,586	466,838	-4.8%	440,991	0.8%
COMEX MINY COPPER	365	444	-17.8%	356	2.5%
COMEX SILVER	144,808	138,933	4.2%	114,102	26.9%
COPPER	15,598	14,202	9.8%	15,858	-1.6%
FERROUS PRODUCTS	4,300	6,950	-38.1%	4,705	-8.6%
GOLD	6	626	-99.0%	748	-99.2%
HOT ROLLED COIL STEEL FUTU	5,939	2,962	100.5%	6,327	-6.1%
IRON ORE CHINA	801	2,999	-73.3%	740	8.2%
METALS	3,658	375	875.5%	2,393	52.9%
MICRO GOLD	29,261	21,220	37.9%	24,452	19.7%
NYMEX HOT ROLLED STEEL	20,578	22,522	-8.6%	23,581	-12.7%
NYMEX PLATINUM	67,717	70,945	-4.6%	69,283	-2.3%
PALLADIUM	18,493	7,156	158.4%	14,631	26.4%
SILVER	5,666	6,369	-11.0%	7,444	-23.9%
URANIUM	0	800	-100.0%	0	-
Metals Options					
ALUMINUM	882	0	-	1,035	-14.8%
COMEX COPPER	101,541	79,291	28.1%	77,294	31.4%
COMEX GOLD	735,021	844,167	-12.9%	764,717	-3.9%
COMEX SILVER	100,484	100,436	0.0%	96,724	3.9%
COPPER	1,894	323	486.4%	937	102.1%
GOLD	28,161	21,369	31.8%	26,681	5.5%
IRON ORE CHINA	0	0	-	0	-
NYMEX HOT ROLLED STEEL	6,748	3,669	83.9%	6,950	-2.9%
NYMEX PLATINUM	20,323	7,588	167.8%	23,754	-14.4%
PALLADIUM	1,765	6	29,316.7%	1,706	3.5%
SILVER	6,152	1,736	254.4%	4,001	53.8%
Energy Futures					
AEP-DAYTON HUB DAILY	0	10	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	5,380	7,308	-26.4%	4,945	8.8%
ARGUS PROPAN FAR EST INDE	6,592	5,136	28.3%	6,741	-2.2%
ARGUS PROPAN(SAUDI ARAMC	2,150	1,665	29.1%	2,024	6.2%
BRENT BALMO SWAP	15	0	-	20	-25.0%
BRENT CALENDAR SWAP	22,975	42,912	-46.5%	25,722	-10.7%
BRENT FINANCIAL FUTURES	190	0	-	200	-5.0%
BRENT OIL LAST DAY	136,054	183,989	-26.1%	147,001	-7.4%
CAR VINTAGE	25,401	18,290	38.9%	25,064	1.3%
CEU ENERGY	330	0	-	0	-
CHICAGO ETHANOL SWAP	38,447	30,040	28.0%	40,736	-5.6%
CHICAGO ULSD PL VS HO SPR	2,780	918	202.8%	2,395	16.1%

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Energy Futures					
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-
CONWAY NATURAL GASOLINE (393	2,069	-81.0%	413	-4.8%
CONWAY NORMAL BUTANE (OPI	1,447	1,882	-23.1%	1,283	12.8%
CONWAY PROPANE 5 DECIMALS	29,964	27,439	9.2%	28,363	5.6%
CRUDE OIL	0	0	-	0	-
CRUDE OIL LAST DAY	1,200	0	-	1,500	-20.0%
CRUDE OIL OUTRIGHTS	231,249	152,199	51.9%	242,282	-4.6%
CRUDE OIL PHY	1,768,616	1,620,853	9.1%	1,837,756	-3.8%
CRUDE OIL SPRDS	204,945	139,136	47.3%	207,174	-1.1%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	0	8,736	-100.0%	0	-
DATED TO FRONTLINE BRENT	1,110	2,370	-53.2%	1,295	-14.3%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	400	500	-20.0%	0	-
DUTCH TTF NATURAL GAS CAL	4,755	4,445	7.0%	16,922	-71.9%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	1,368	939	45.7%	1,525	-10.3%
ELEC FINSETTLED	0	0	-	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-
EMMISSIONS	125	214	-41.6%	50	150.0%
ETHANOL	10	0	-	0	-
ETHANOL SWAP	845	700	20.7%	900	-6.1%
ETHANOL T2 FOB ROTT INCL DU	6,249	4,657	34.2%	6,031	3.6%
EURO 3.5% FUEL OIL RDAM B	0	0	-	87	-100.0%
EURO GASOIL 10 CAL SWAP	0	0	-	1	-100.0%
EURO GASOIL 10PPM VS ICE	180	630	-71.4%	210	-14.3%
EUROPE 1% FUEL OIL NWE CA	0	30	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	34	132	-74.2%	76	-55.3%
EUROPEAN GASOIL (ICE)	451	2,356	-80.9%	462	-2.4%
EUROPEAN NAPHTHA BALMO	20	7	185.7%	0	-
EUROPEAN NAPHTHA CRACK SP	6,250	7,292	-14.3%	5,988	4.4%
EUROPE DATED BRENT SWAP	0	6	-100.0%	0	-
EUROPE JET KERO NWE CALSW	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	1,210	750	61.3%	1,315	-8.0%
EURO PROPANE CIF ARA SWA	2,870	2,500	14.8%	2,968	-3.3%
FREIGHT MARKETS	324	802	-59.6%	386	-16.1%
FUEL OIL CRACK VS ICE	21	600	-96.5%	24	-12.5%
FUEL OIL NWE CRACK VS ICE	30	63	-52.4%	30	0.0%
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	861	445	93.5%	644	33.7%
GAS EURO-BOB OXY NWE BARG	3,742	7,070	-47.1%	3,970	-5.7%
GASOIL 0.1CIF MED VS ICE	0	30	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	0	39	-100.0%	0	-
GASOIL 10PPM VS ICE SWAP	12	0	-	12	0.0%
GASOIL CALENDAR SWAP	42	203	-79.3%	80	-47.5%
GASOIL CRACK SPREAD CALEN	522	2,730	-80.9%	528	-1.1%
GASOIL MINI CALENDAR SWAP	650	612	6.2%	493	31.8%

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Energy Futures					
GERMAN POWER BASELOAD CA	0	108	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	7,439	5,725	29.9%	9,185	-19.0%
GRP THREE UNL GS (PLT) VS	3,142	3,385	-7.2%	3,147	-0.2%
GULF COAST 3% FUEL OIL BA	0	107	-100.0%	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-
GULF COAST JET VS NYM 2 H	18,246	9,988	82.7%	17,939	1.7%
GULF COAST NO.6 FUEL OIL	17,893	9,941	80.0%	18,261	-2.0%
GULF COAST ULSD CALENDAR	1,427	776	83.9%	1,590	-10.3%
GULF COAST ULSD CRACK SPR	0	0	-	0	-
HEATING OIL BALMO CLNDR S	93	265	-64.9%	295	-68.5%
HEATING OIL CRCK SPRD BAL	0	127	-100.0%	0	-
HEATING OIL PHY	330,356	271,173	21.8%	304,373	8.5%
HENRY HUB SWAP	421,003	494,556	-14.9%	433,375	-2.9%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-
HTG OIL	120	108	11.1%	93	29.0%
ICE BRENT DUBAI SWAP	70	1,440	-95.1%	140	-50.0%
ICE GASOIL BALMO SWAP	0	0	-	0	-
INDIANA MISO	0	0	-	0	-
INDONESIAN COAL ICI4	0	0	-	0	-
JAPAN C&F NAPHTHA CRACK S	5	122	-95.9%	5	0.0%
JAPAN C&F NAPHTHA SWAP	626	329	90.3%	622	0.6%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-
JET CIF NWE VS ICE	492	1,020	-51.8%	559	-12.0%
JET FUEL UP-DOWN BALMO CL	1,505	665	126.3%	1,375	9.5%
JKM LNG Futures	175	1,334	-86.9%	260	-32.7%
LA CARB DIESEL (OPIS) SWA	570	661	-13.8%	717	-20.5%
LA CARBOB GASOLINE(OPIS)S	0	0	-	50	-100.0%
LA JET (OPIS) SWAP	1,115	475	134.7%	1,505	-25.9%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	582	2,106	-72.4%	639	-8.9%
LTD NAT GAS	365,428	374,380	-2.4%	365,104	0.1%
MARS (ARGUS) VS WTI SWAP	0	675	-100.0%	0	-
MARS (ARGUS) VS WTI TRD M	12,315	12,435	-1.0%	9,780	25.9%
MCCLOSKEY ARA ARGS COAL	6,693	11,978	-44.1%	6,903	-3.0%
MCCLOSKEY RCH BAY COAL	48	853	-94.4%	66	-27.3%
MGN1 SWAP FUT	0	0	-	0	-
MINI GAS EUROBOB OXY NWE A	110	10	1,000.0%	0	-
MINI RBOB V. EBOBARG NWE BF	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NW	179	464	-61.4%	385	-53.5%
MINY HTG OIL	0	0	0.0%	0	0.0%
MINY NATURAL GAS	12,146	8,177	48.5%	13,322	-8.8%
MINY RBOB GAS	0	1	-100.0%	1	-100.0%
MINY WTI CRUDE OIL	3,621	5,202	-30.4%	3,777	-4.1%
MJC FUT	0	0	-	0	-
MNC FUT	940	2,593	-63.7%	1,235	-23.9%
MONT BELVIEU ETHANE 5 DECI	50,198	43,496	15.4%	51,353	-2.2%
MONT BELVIEU ETHANE OPIS B	80	390	-79.5%	415	-80.7%
MONT BELVIEU LDH PROPANE 5	164,627	119,767	37.5%	173,057	-4.9%
MONT BELVIEU LDH PROPANE C	2,443	2,286	6.9%	1,265	93.1%
MONT BELVIEU NATURAL GASO	36,113	37,788	-4.4%	35,921	0.5%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
MONT BELVIEU NATURAL GASO	615	1,845	-66.7%	1,805	-65.9%
MONT BELVIEU NORMAL BUTAN	70,274	56,473	24.4%	65,285	7.6%
MONT BELVIEU NORMAL BUTAN	696	729	-4.5%	767	-9.3%
NATURAL GAS	187,574	235,372	-20.3%	192,284	-2.4%
NATURAL GAS PEN SWP	132,812	206,958	-35.8%	137,966	-3.7%
NATURAL GAS PHY	1,188,766	983,986	20.8%	1,234,829	-3.7%
NEPOOL INTR HUB 5MW D AH	0	2,502	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	0	102	-100.0%	0	-
NEW YORK ETHANOL SWAP	1,610	1,890	-14.8%	1,715	-6.1%
NEW YORK HUB ZONE G PEAK	0	850	-100.0%	0	-
NEW YORK HUB ZONE J PEAK	0	0	-	0	-
N ILLINOIS HUB DAILY	0	20	-100.0%	0	-
NY1% VS GC SPREAD SWAP	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
NY HARBOR HEAT OIL SWP	12,021	7,206	66.8%	11,932	0.7%
NY HARBOR LOW SULPUR GAS	0	300	-100.0%	0	-
NY HARBOR RESIDUAL FUEL 1	155	200	-22.5%	230	-32.6%
NYH NO 2 CRACK SPREAD CAL	21,622	12,044	79.5%	20,421	5.9%
NYISO CAPACITY	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	0	2,100	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING	2,804	1,724	62.6%	2,844	-1.4%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-
PETROCHEMICALS	12,842	12,001	7.0%	12,585	2.0%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	24,780	34,103	-27.3%	26,081	-5.0%
PETRO CRK&SPRD EURO	2,442	2,153	13.4%	2,380	2.6%
PETROLEUM PRODUCTS	7,457	9,238	-19.3%	8,041	-7.3%
PETROLEUM PRODUCTS ASIA	715	949	-24.7%	683	4.7%
PETRO OUTRIGHT EURO	13,393	18,527	-27.7%	13,883	-3.5%
PETRO OUTRIGHT NA	7,579	4,087	85.4%	9,462	-19.9%
PJM AD HUB 5MW REAL TIME	0	10,340	-100.0%	0	-
PJM DAILY	126	284	-55.6%	126	0.0%
PJM NI HUB 5MW REAL TIME	0	230	-100.0%	0	-
PJM WESTH RT OFF-PEAK	0	88,245	-100.0%	0	-
PJM WESTH RT PEAK	6,678	21,036	-68.3%	7,938	-15.9%
PLASTICS	3,690	3,940	-6.3%	3,994	-7.6%
PREMIUM UNLD 10P FOB MED	0	90	-100.0%	5	-100.0%
PROPANE NON-LDH MB (OPIS) B	2,425	1,140	112.7%	1,070	126.6%
PROPANE NON-LDH MT. BEL (OF	72,133	38,921	85.3%	72,286	-0.2%
RBOB CALENDAR SWAP	18,808	10,289	82.8%	12,940	45.3%
RBOB CRACK SPREAD	9,006	13,576	-33.7%	9,616	-6.3%
RBOB CRACK SPREAD BALMO S	0	127	-100.0%	0	-
RBOB GAS	72	76	-5.3%	66	9.1%
RBOB GASOLINE BALMO CLNDR	531	794	-33.1%	1,359	-60.9%
RBOB PHY	361,023	259,385	39.2%	321,655	12.2%
RBOB VS HEATING OIL SWAP	180	315	-42.9%	205	-12.2%
SINGAPORE 180CST BALMO	0	0	-	3	-100.0%
SINGAPORE 380CST BALMO	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	338	209	61.7%	368	-8.2%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
SINGAPORE FUEL 180CST CAL	3	0	-	3	0.0%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	81	30	170.0%	81	0.0%
SINGAPORE GASOIL	318	1,270	-75.0%	355	-10.4%
SINGAPORE GASOIL CALENDAR	178	102	74.5%	53	235.8%
SINGAPORE GASOIL SWAP	391	940	-58.4%	478	-18.2%
SINGAPORE GASOIL VS ICE	1,122	3,930	-71.5%	1,316	-14.7%
SINGAPORE JET KERO GASOIL	1,014	3,339	-69.6%	1,171	-13.4%
SINGAPORE JET KEROSENE SW	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	365	0	-	335	9.0%
TC2 ROTTERDAM TO USAC 37K	72	90	-20.0%	152	-52.6%
TC5 RAS TANURA TO YOKOHAM	60	270	-77.8%	70	-14.3%
TD3 MEG TO JAPAN 250K MT	1,650	3,345	-50.7%	1,715	-3.8%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	3,915	3,124	25.3%	6,165	-36.5%
UP DOWN GC ULSD VS NMX HO	41,739	26,836	55.5%	38,395	8.7%
WTI-BRENT CALENDAR SWAP	129,150	101,705	27.0%	116,906	10.5%
WTI CALENDAR	145,294	156,164	-7.0%	134,927	7.7%
WTI MIDLAND CRUDE OIL	1,390	0	-	1,760	-21.0%
WTS (ARGUS) VS WTI SWAP	21,690	23,949	-9.4%	22,178	-2.2%
WTS (ARGUS) VS WTI TRD MT	1,836	6,265	-70.7%	1,720	6.7%

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CME Group Exchange Open Interest Report - Monthly

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Energy Options					
BRENT CALENDAR SWAP	3,260	2,766	17.9%	2,809	16.1%
BRENT CRUDE OIL 1 M CSO	3,750	600	525.0%	4,800	-21.9%
BRENT OIL LAST DAY	44,926	93,760	-52.1%	47,261	-4.9%
COAL API2 INDEX	305	365	-16.4%	305	0.0%
CRUDE OIL	0	0	-	0	-
CRUDE OIL 1MO	158,075	139,193	13.6%	157,875	0.1%
CRUDE OIL APO	164,430	217,937	-24.6%	162,009	1.5%
CRUDE OIL CALNDR STRIP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	0.0%
CRUDE OIL PHY	2,153,401	2,230,476	-3.5%	2,153,883	0.0%
ELEC FINSETTLED	0	0	0.0%	0	-
ETHANOL SWAP	5,455	4,915	11.0%	6,017	-9.3%
FREIGHT MARKETS	0	30	-100.0%	0	-
HEATING OIL CRK SPD AVG PRI	0	1,750	-100.0%	0	-
HEATING OIL PHY	10,012	14,536	-31.1%	9,077	10.3%
HENRY HUB FINANCIAL LAST	60,227	27,572	118.4%	59,757	0.8%
HO 1 MONTH CLNDR OPTIONS	9,600	1,900	405.3%	0	-
LLS CRUDE OIL	4,900	2,700	81.5%	5,375	-8.8%
MCCLOSKEY ARA ARGS COAL	0	120	-100.0%	0	-
NATURAL GAS	490	5	9,700.0%	3	16,233.3%
NATURAL GAS 1 M CSO FIN	195,728	143,246	36.6%	175,753	11.4%
NATURAL GAS 2 M CSO FIN	1,250	0	-	250	400.0%
NATURAL GAS 3 M CSO FIN	102,900	88,725	16.0%	99,090	3.8%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	0	7,500	-100.0%	0	-
NATURAL GAS OPT	125	2,675	-95.3%	250	-50.0%
NATURAL GAS OPTION ON CALE	224	7,784	-97.1%	224	0.0%
NATURAL GAS PHY	3,158,365	3,059,540	3.2%	3,226,537	-2.1%
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NY HARBOR HEAT OIL SWP	18,867	7,180	162.8%	19,910	-5.2%
PETROCHEMICALS	2,212	4,790	-53.8%	2,463	-10.2%
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT NA	90	810	-88.9%	100	-10.0%
PJM WES HUB PEAK CAL MTH	0	180	-100.0%	0	-
PJM WES HUB PEAK LMP 50MW	0	0	-	0	-
RBOB 1MO CAL SPD OPTIONS	0	500	-100.0%	0	-
RBOB CALENDAR SWAP	80	1,309	-93.9%	96	-16.7%
RBOB PHY	5,590	5,591	0.0%	4,607	21.3%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	350	0	-	0	-
WTI-BRENT BULLET SWAP	57,125	197,210	-71.0%	71,300	-19.9%
WTI CRUDE OIL 1 M CSO FI	188,105	163,755	14.9%	226,880	-17.1%
FX Futures					
AD/CD CROSS RATES	5	42	-88.1%	5	0.0%
AD/JY CROSS RATES	560	877	-36.1%	511	9.6%
AD/NE CROSS RATES	4,462	6,658	-33.0%	562	694.0%
AUSTRALIAN DOLLAR	147,655	166,254	-11.2%	146,712	0.6%

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CME Group Exchange Open Interest Report - Monthly

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FX Futures					
BP/JY CROSS RATES	1,801	2,182	-17.5%	1,751	2.9%
BP/SF CROSS RATES	3,288	1,746	88.3%	3,485	-5.7%
BRAZIL REAL	62,342	47,203	32.1%	65,703	-5.1%
BRITISH POUND	224,773	227,256	-1.1%	219,979	2.2%
CANADIAN DOLLAR	155,634	146,218	6.4%	160,537	-3.1%
CD/JY CROSS RATES	104	2	5,100.0%	162	-35.8%
CHILEAN PESO	0	1	-100.0%	0	-
CHINESE RENMINBI (CNH)	9,316	4,999	86.4%	11,675	-20.2%
CZECK KORUNA (EC)	1	0	-	1	0.0%
CZECK KORUNA (US)	2	2	0.0%	1	100.0%
EC/AD CROSS RATES	3,349	2,178	53.8%	3,435	-2.5%
EC/CD CROSS RATES	3,524	3,431	2.7%	3,591	-1.9%
EC/NOK CROSS RATES	1,875	1,744	7.5%	3,136	-40.2%
EC/SEK CROSS RATES	5,497	2,421	127.1%	5,606	-1.9%
EFX/BP CROSS RATES	28,575	31,762	-10.0%	28,322	0.9%
EFX/JY CROSS RATES	21,460	19,237	11.6%	23,209	-7.5%
EFX/SF CROSS RATES	9,649	14,194	-32.0%	11,230	-14.1%
E-MICRO USD/CAD	43	27	59.3%	32	34.4%
E-MICRO USD/CHF	60	35	71.4%	12	400.0%
E-MICRO USD/JPY	255	252	1.2%	463	-44.9%
E-MINI EURO FX	9,820	13,573	-27.7%	9,088	8.1%
E-MINI JAPANESE YEN	4,002	1,273	214.4%	1,926	107.8%
EURO FX	748,653	679,641	10.2%	725,122	3.2%
HUNGARIAN FORINT (EC)	3	0	-	4	-25.0%
HUNGARIAN FORINT (US)	2	1	100.0%	0	-
INDIAN RUPEE	1,706	1,581	7.9%	2,600	-34.4%
JAPANESE YEN	230,142	231,375	-0.5%	262,146	-12.2%
KOREAN WON	658	91	623.1%	2,423	-72.8%
MEXICAN PESO	238,149	198,773	19.8%	230,515	3.3%
MICRO AUD/USD	4,778	4,345	10.0%	4,688	1.9%
MICRO CAD/USD	2,866	2,624	9.2%	2,628	9.1%
MICRO CHF/USD	1,678	1,909	-12.1%	1,292	29.9%
MICRO EUR/USD	13,768	25,809	-46.7%	10,982	25.4%
MICRO GBP/USD	2,936	3,072	-4.4%	2,515	16.7%
MICRO INR/USD	17	10	70.0%	19	-10.5%
MICRO JPY/USD	0	0	-	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	34,911	43,458	-19.7%	34,456	1.3%
NKR/USD CROSS RATE	1,535	804	90.9%	1,040	47.6%
POLISH ZLOTY (EC)	96	102	-5.9%	65	47.7%
POLISH ZLOTY (US)	795	409	94.4%	729	9.1%
RMB USD	0	10	-100.0%	0	-
RUSSIAN RUBLE	0	135	-100.0%	0	-
S.AFRICAN RAND	35,564	31,155	14.2%	27,995	27.0%
SF/JY CROSS RATES	957	1,780	-46.2%	1,020	-6.2%
SHEKEL	18	16	12.5%	35	-48.6%
SKR/USD CROSS RATES	892	2,326	-61.7%	1,415	-37.0%
SWISS FRANC	43,836	45,010	-2.6%	38,163	14.9%
TURKISH LIRA	66	55	20.0%	66	0.0%
USDZAR	5	4	25.0%	5	0.0%

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FX Options					
AUD/USD MONDAY OPTION WEE	4	13	-69.2%	578	-99.3%
AUD/USD MONDAY OPTION WEE	5	2	150.0%	107	-95.3%
AUD/USD MONDAY OPTION WEE	0	1	-100.0%	10	-100.0%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	82,635	90,326	-8.5%	80,829	2.2%
AUD/USD THURSDAY WKLY OPT	817	0	-	4	20,325.0%
AUD/USD THURSDAY WKLY OPT	1	0	-	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
AUD/USD TUESDAY WKLY OPT	22	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	1	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	757	536	41.2%	750	0.9%
AUD/USD WKLY FRIDAY OPTION	594	775	-23.4%	639	-7.0%
AUD/USD WKLY FRIDAY OPTION	696	653	6.6%	590	18.0%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
AUD/USD WKLY WED OPTIONS -	138	15	820.0%	262	-47.3%
AUD/USD WKLY WED OPTIONS -	9	185	-95.1%	8	12.5%
AUD/USD WKLY WED OPTIONS -	4	52	-92.3%	247	-98.4%
AUD/USD WKLY WED OPTIONS -	8	50	-84.0%	0	-
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	0	202	-100.0%	0	-
CAD/USD MONDAY OPTIONS WE	112	189	-40.7%	581	-80.7%
CAD/USD MONDAY OPTIONS WE	0	379	-100.0%	260	-100.0%
CAD/USD MONDAY OPTIONS WE	0	5	-100.0%	0	-
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONTHLY OPTIONS	93,001	232,153	-59.9%	96,036	-3.2%
CAD/USD THURSDAY WKLY OPT	112	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
CAD/USD TUESDAY WKLY OPT	183	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	65	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	1,725	1,852	-6.9%	607	184.2%
CAD/USD WKLY FRIDAY OPTION	623	1,604	-61.2%	654	-4.7%
CAD/USD WKLY FRIDAY OPTION	731	422	73.2%	573	27.6%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
CAD/USD WKLY WED OPTIONS -	218	187	16.6%	1,287	-83.1%
CAD/USD WKLY WED OPTIONS -	455	689	-34.0%	519	-12.3%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest JUL 2023	Open Interest JUL 2022	% CHG	Open Interest JUN 2023	% CHG
FX Options					
CAD/USD WKLY WED OPTIONS -	15	2	650.0%	4	275.0%
CAD/USD WKLY WED OPTIONS -	19	0	-	0	-
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	8,791	6,573	33.7%	7,951	10.6%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	13	1	1,200.0%	2,517	-99.5%
CHF/USD WKLY FRIDAY OPTION	355	350	1.4%	551	-35.6%
CHF/USD WKLY FRIDAY OPTION	0	0	-	1,001	-100.0%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	137	1,094	-87.5%	2,674	-94.9%
EUR/USD MONDAY OPTION WEE	571	20	2,755.0%	634	-9.9%
EUR/USD MONDAY OPTION WEE	414	50	728.0%	1,499	-72.4%
EUR/USD MONDAY OPTION WEE	0	18	-100.0%	551	-100.0%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONTHLY OPTIONS	283,471	319,939	-11.4%	318,717	-11.1%
EUR/USD THURSDAY WKLY OPT	511	0	-	1,265	-59.6%
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
EUR/USD TUESDAY WKLY OPT	997	0	-	0	-
EUR/USD TUESDAY WKLY OPT	100	0	-	250	-60.0%
EUR/USD TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	51	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	14,352	3,916	266.5%	5,738	150.1%
EUR/USD WKLY FRIDAY OPTION	3,590	963	272.8%	3,450	4.1%
EUR/USD WKLY FRIDAY OPTION	416	447	-6.9%	341	22.0%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/USD WKLY WED OPTIONS -	4,484	5,502	-18.5%	3,052	46.9%
EUR/USD WKLY WED OPTIONS -	1,378	1,401	-1.6%	1,358	1.5%
EUR/USD WKLY WED OPTIONS -	484	2	24,100.0%	755	-35.9%
EUR/USD WKLY WED OPTIONS -	274	0	-	1,334	-79.5%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
EVENT CONTRACT EUR/USD	0	0	-	0	0.0%
GBP/USD MONDAY OPTION WEE	6	1,317	-99.5%	677	-99.1%
GBP/USD MONDAY OPTION WEE	609	549	10.9%	793	-23.2%
GBP/USD MONDAY OPTION WEE	0	0	-	130	-100.0%
GBP/USD MONDAY OPTION WEE	0	4	-100.0%	0	-
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	98,646	100,174	-1.5%	102,862	-4.1%
GBP/USD THURSDAY WKLY OPT	14	0	-	4	250.0%
GBP/USD THURSDAY WKLY OPT	5	0	-	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
GBP/USD TUESDAY WKLY OPT	30	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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FX Options					
GBP/USD TUESDAY WKLY OPT	12	0	-	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	0	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	1,895	1,710	10.8%	2,069	-8.4%
GBP/USD WKLY FRIDAY OPTION	1,954	1,428	36.8%	755	158.8%
GBP/USD WKLY FRIDAY OPTION	507	685	-26.0%	536	-5.4%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
GBP/USD WKLY WED OPTIONS -	1,074	1,274	-15.7%	258	316.3%
GBP/USD WKLY WED OPTIONS -	167	137	21.9%	439	-62.0%
GBP/USD WKLY WED OPTIONS -	19	133	-85.7%	42	-54.8%
GBP/USD WKLY WED OPTIONS -	0	0	-	100	-100.0%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	289	715	-59.6%	746	-61.3%
JPY/USD MONDAY OPTION WEE	439	38	1,055.3%	601	-27.0%
JPY/USD MONDAY OPTION WEE	2	5	-60.0%	35	-94.3%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONTHLY OPTIONS	101,909	189,559	-46.2%	80,423	26.7%
JPY/USD THURSDAY WKLY OPT	1,212	0	-	1	121,100.0%
JPY/USD THURSDAY WKLY OPT	0	0	-	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
JPY/USD TUESDAY WKLY OPT W	9	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	9	0	-	1,002	-99.1%
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	2	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	2,192	2,723	-19.5%	3,561	-38.4%
JPY/USD WKLY FRIDAY OPTION	1,408	750	87.7%	692	103.5%
JPY/USD WKLY FRIDAY OPTION	4,092	562	628.1%	527	676.5%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
JPY/USD WKLY WED OPTIONS -	6,051	3,380	79.0%	1,554	289.4%
JPY/USD WKLY WED OPTIONS -	1,660	1,183	40.3%	1,172	41.6%
JPY/USD WKLY WED OPTIONS -	298	45	562.2%	8	3,625.0%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	1,507	3,319	-54.6%	262	475.2%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD MONTHLY OPTIONS	41	6,655	-99.4%	17	141.2%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
RUB/USD MONTHLY OPTIONS	0	0	-	0	-
USD/CNH MONTHLY OPTIONS	750	0	-	750	0.0%
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

	Open Interest JUL 2023	Open Interest JUL 2022	% CHG	Open Interest JUN 2023	% CHG
FX Options					
ZAR/USD MONTHLY OPTIONS	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

	Open Interest JUL 2023	Open Interest JUL 2022	% CHG	Open Interest JUN 2023	% CHG
Ag Products Futures					
BLOCK CHEESE	1,573	836	88.2%	1,063	48.0%
BUTTER CS	10,062	10,876	-7.5%	8,600	17.0%
CASH-SETTLED CHEESE	24,170	21,318	13.4%	22,150	9.1%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	320,046	252,932	26.5%	345,174	-7.3%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	3,900	6,400	-39.1%	3,900	0.0%
CDD WEATHER	11,000	9,750	12.8%	11,250	-2.2%
CHI WHEAT	317,037	309,976	2.3%	292,139	8.5%
CLASS IV MILK	6,040	14,597	-58.6%	5,181	16.6%
COFFEE	0	0	-	0	-
CORN	1,304,298	1,325,691	-1.6%	1,234,388	5.7%
DJ_UBS ROLL SELECT INDEX FU	12,432	10,654	16.7%	12,194	2.0%
DOW-UBS COMMOD INDEX	59,611	66,314	-10.1%	56,038	6.4%
DOW-UBS COMMOD INDEX SWA	107,730	0	-	215,460	-50.0%
DRY WHEY	2,837	3,157	-10.1%	2,537	11.8%
FEEDER CATTLE	57,185	39,181	46.0%	60,144	-4.9%
FERTILIZER PRODUCS	2,753	3,719	-26.0%	2,743	0.4%
GOLDMAN SACHS	590	1,582	-62.7%	546	8.1%
GSCI EXCESS RETURN FUT	35,164	60,428	-41.8%	35,454	-0.8%
HDD EURO SEASONAL STRIP	0	1,250	-100.0%	0	-
HDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	206,558	216,986	-4.8%	198,315	4.2%
HOUSING INDEX	66	65	1.5%	58	13.8%
KC WHEAT	189,594	168,580	12.5%	148,378	27.8%
LUMBER	5,987	2,149	178.6%	6,576	-9.0%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	27,395	32,621	-16.0%	25,536	7.3%
MINI CORN	9,547	15,887	-39.9%	8,535	11.9%
MINI SOYBEAN	21,610	26,795	-19.4%	17,296	24.9%
MINI WHEAT	3,456	3,176	8.8%	1,748	97.7%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	8,859	9,086	-2.5%	7,975	11.1%
OATS	4,621	2,583	78.9%	3,817	21.1%
OTC SP GSCI ER SWAP	56,430	0	-	38,449	46.8%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	756	1,105	-31.6%	682	10.9%
ROUGH RICE	9,890	8,207	20.5%	8,508	16.2%
SOYBEAN	645,217	578,190	11.6%	597,222	8.0%
SOYBEAN MEAL	488,887	398,628	22.6%	480,266	1.8%
SOYBEAN OIL	473,661	362,067	30.8%	484,634	-2.3%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-
USD CRUDE PALM OIL	45,178	49,899	-9.5%	47,965	-5.8%
WHEAT	1,835	2,721	-32.6%	1,110	65.3%

Ag Products Options

AUG-DEC SOYBEAN MEAL CSO	0	0	-	1,200	-100.0%
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CME Group Exchange Open Interest Report - Monthly

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Ag Products Options					
AUG-NOV SOYBEAN CAL SPRD	0	0	-	700	-100.0%
BLOCK CHEESE	1,372	2,107	-34.9%	934	46.9%
BUTTER CS	9,521	7,833	21.5%	6,930	37.4%
CASH-SETTLED CHEESE	33,313	35,369	-5.8%	27,246	22.3%
CATTLE	302,631	214,220	41.3%	273,925	10.5%
CDD SEASONAL STRIP	82,200	20,000	311.0%	82,200	0.0%
CDD WEATHER	60,000	0	-	74,500	-19.5%
CHI WHEAT	289,317	355,570	-18.6%	216,584	33.6%
CLASS IV MILK	32,595	34,397	-5.2%	22,488	44.9%
CORN	1,633,639	1,807,097	-9.6%	1,665,987	-1.9%
CORN NEARBY+2 CAL SPRD	18,246	15,242	19.7%	13,089	39.4%
DEC-DEC CORN CAL SPRD	2,545	0	-	2,397	6.2%
DEC-JULY CORN CAL SPRD	11,312	5,389	109.9%	10,667	6.0%
DEC-JULY WHEAT CAL SPRD	80	0	-	80	0.0%
DRY WHEY	20	2,957	-99.3%	20	0.0%
FEEDER CATTLE	74,962	46,417	61.5%	66,791	12.2%
HDD EURO SEASONAL STRIP	23,000	2,500	820.0%	22,000	4.5%
HDD SEASONAL STRIP	29,500	0	-	15,000	96.7%
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	336,127	234,250	43.5%	327,973	2.5%
Intercommodity Spread	0	0	-	0	-
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	774	6,350	-87.8%	0	-
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	0	0	-	0	-
KC WHEAT	47,062	56,834	-17.2%	39,387	19.5%
LUMBER	143	262	-45.4%	47	204.3%
LV CATL CSO	0	0	-	0	-
MAR-DEC CORN CAL SPRD	0	0	-	0	-
MAR-JULY CORN CAL SPRD	3,050	0	-	2,350	29.8%
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	88,791	105,667	-16.0%	75,066	18.3%
MLK MID OPTIONS	10	22	-54.5%	6	66.7%
NFD MILK	13,557	12,605	7.6%	10,985	23.4%
NOV-JULY SOYBEAN CAL SPRD	200	300	-33.3%	200	0.0%
NOV-MAR SOYBEAN CSO	15	0	-	15	0.0%
OATS	499	539	-7.4%	240	107.9%
PORK CUTOFF	4	0	-	0	-
ROUGH RICE	3,225	3,284	-1.8%	2,679	20.4%
SEP-DEC SOYBEAN MEAL CSO	1,050	0	-	0	-
SOYBEAN	683,029	569,942	19.8%	628,411	8.7%
SOYBEAN CRUSH	0	41	-100.0%	0	-
SOYBEAN MEAL	148,690	151,273	-1.7%	143,597	3.5%
SOYBEAN OIL	187,430	173,890	7.8%	210,228	-10.8%
SOYBN NEARBY+2 CAL SPRD	4,451	190	2,242.6%	13,500	-67.0%

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Options					
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-
SOY OIL NEARBY+2 CAL SPRD	0	0	-	0	-
WHEAT	329	400	-17.8%	157	109.6%
WHEAT-CORN ICSD	20	2,000	-99.0%	20	0.0%
WHEAT NEARBY+2 CAL SPRD	810	4,863	-83.3%	300	170.0%
TOTAL FUTURES GROUP					
Interest Rate Futures	31,495,778	32,221,395	-2.3%	30,342,436	3.8%
Equity Index Futures	4,677,697	4,551,944	2.8%	4,486,845	4.3%
Metals Futures	1,082,267	1,015,000	6.6%	993,980	8.9%
Energy Futures	6,483,444	6,083,325	6.6%	6,576,934	-1.4%
FX Futures	2,062,083	1,968,062	4.8%	2,051,057	0.5%
Ag Products Futures	4,475,975	4,017,406	11.4%	4,386,031	2.1%
TOTAL FUTURES	50,277,244	49,857,132	0.8%	48,837,283	2.9%
TOTAL OPTIONS GROUP					
Interest Rate Options	39,437,188	41,863,455	-5.8%	37,965,018	3.9%
Equity Index Options	5,327,518	4,767,992	11.7%	5,268,331	1.1%
Metals Options	1,002,971	1,058,585	-5.3%	1,003,799	-0.1%
Energy Options	6,349,842	6,429,420	-1.2%	6,436,631	-1.3%
FX Options	730,147	986,913	-26.0%	738,199	-1.1%
Ag Products Options	4,123,519	3,871,810	6.5%	3,957,899	4.2%
TOTAL OPTIONS	56,971,185	58,978,175	-3.4%	55,369,877	2.9%
TOTAL COMBINED					
Interest Rate	70,932,966	74,084,850	-4.3%	68,307,454	3.8%
Equity Index	10,005,215	9,319,936	7.4%	9,755,176	2.6%
Metals	2,085,238	2,073,585	0.6%	1,997,779	4.4%
Energy	12,833,286	12,512,745	2.6%	13,013,565	-1.4%
FX	2,792,230	2,954,975	-5.5%	2,789,256	0.1%
Ag Products	8,599,494	7,889,216	9.0%	8,343,930	3.1%
GRAND TOTAL	107,248,429	108,835,307	-1.5%	104,207,160	2.9%

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