



CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2023	Open Interest APR 2022	% CHG	Open Interest MAR 2023	% CHG
Interest Rate Futures					
10-YR Eris LIBOR	55,290	63,289	-12.6%	55,358	-0.1%
10-YR Eris SOFR	17,983	0	-	19,895	-9.6%
10-YR MAC LIBOR	6,947	13,390	-48.1%	9,981	-30.4%
10-YR MAC SOFR	0	0	-	0	-
10-YR NOTE	4,377,107	3,666,618	19.4%	4,248,005	3.0%
10Y YIELD	2,907	2,635	10.3%	2,921	-0.5%
15-YR Eris LIBOR	0	0	-	0	-
1-MONTH EURODOLLAR	1,000	57,855	-98.3%	0	-
1-YR Eris BSBY	0	0	0.0%	0	-
1-YR Eris SOFR	11,933	5,559	114.7%	11,409	4.6%
20-YR BOND	281	1,729	-83.7%	204	37.7%
20-YR Eris LIBOR	0	0	-	0	-
2-YR Eris LIBOR	3,461	151,049	-97.7%	3,461	0.0%
2-YR Eris SOFR	31,820	1,298	2,351.5%	31,693	0.4%
2-YR NOTE	2,729,715	2,208,590	23.6%	2,373,250	15.0%
2Y YIELD	619	251	146.6%	461	34.3%
30-Year UMBS TBA Futures - 2.5%	0	0	-	10	-100.0%
30-Year UMBS TBA Futures - 3.0%	26	0	-	23	13.0%
30-Year UMBS TBA Futures - 3.5%	64	0	-	124	-48.4%
30-Year UMBS TBA Futures - 4.0%	22	0	-	52	-57.7%
30-Year UMBS TBA Futures - 4.5%	94	0	-	159	-40.9%
30-Year UMBS TBA Futures - 5.0%	65	0	-	40	62.5%
30-Year UMBS TBA Futures - 5.5%	25	0	-	85	-70.6%
30-Year UMBS TBA Futures - 6.0%	0	0	-	10	-100.0%
30-YR BOND	1,183,910	1,160,598	2.0%	1,191,819	-0.7%
30-YR Eris LIBOR	2,273	2,273	0.0%	2,273	0.0%
30-YR MAC LIBOR	0	0	-	0	-
30Y YIELD	91	387	-76.5%	178	-48.9%
3-YR Eris BSBY	0	0	0.0%	0	-
3-YR Eris LIBOR	14,050	64,275	-78.1%	14,050	0.0%
3-YR Eris SOFR	3,973	2,442	62.7%	3,695	7.5%
3-YR NOTE	9,615	9,362	2.7%	9,272	3.7%
4-YR Eris LIBOR	6,108	18,539	-67.1%	6,108	0.0%
4-YR Eris SOFR	2,134	1,024	108.4%	2,078	2.7%
5-YR Eris LIBOR	3,816	32,844	-88.4%	3,816	0.0%
5-YR Eris SOFR	20,788	3,246	540.4%	19,950	4.2%
5-YR MAC LIBOR	68	24,986	-99.7%	68	0.0%
5-YR MAC SOFR	0	0	-	0	-
5-YR NOTE	4,717,075	3,777,160	24.9%	4,415,991	6.8%
5Y YIELD	0	249	-100.0%	0	-
7-YR Eris LIBOR	16,629	23,231	-28.4%	17,396	-4.4%
7-YR Eris SOFR	294	1	29,300.0%	647	-54.6%
BSBY 3-MONTH FUTURES	12,123	25,364	-52.2%	11,451	5.9%
ESTR Basis Spread Futures	589	0	-	663	-11.2%
ESTR Futures	1,963	0	-	1,526	28.6%
EURODOLLARS	622,582	10,554,394	-94.1%	4,693,286	-86.7%
FED FUND	1,944,488	2,139,844	-9.1%	1,777,193	9.4%
FTIIE	147	107	37.4%	193	-23.8%
SOFR	10,532,890	5,199,781	102.6%	10,229,603	3.0%
SONIA	4,241	8,815	-51.9%	4,241	0.0%

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Interest Rate Futures					
Ultra 10-Year Note	1,624,714	1,271,103	27.8%	1,574,140	3.2%
ULTRA T-BOND	1,439,614	1,282,162	12.3%	1,405,500	2.4%
Interest Rate Options					
10-YR NOTE	2,325,958	2,646,448	-12.1%	2,574,273	-9.6%
2-YR NOTE	145,826	15,114	864.8%	159,924	-8.8%
30-YR BOND	445,423	416,238	7.0%	456,695	-2.5%
5-YR NOTE	1,281,353	1,251,689	2.4%	1,555,883	-17.6%
EURODOLLARS	2,004,022	26,119,904	-92.3%	5,472,834	-63.4%
EURO MIDCURVE	0	9,733,760	-100.0%	297,884	-100.0%
FED FUND	0	0	-	0	-
SOFR	34,063,179	1,429,156	2,283.4%	31,857,551	6.9%
SOFR MIDCURVE	5,844,394	484,214	1,107.0%	6,569,366	-11.0%
SOFR MISCURVE	0	0	-	700	-100.0%
Ultra 10-Year Note	138	110	25.5%	163	-15.3%
ULTRA T-BOND	1,644	1,468	12.0%	1,633	0.7%

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Equity Index Futures					
S&P 500	410,343	294,579	39.3%	385,140	6.5%
S&P 500 ANNUAL DIVIDEND IND	200,037	217,089	-7.9%	197,804	1.1%
S&P 500 QUARLY DIVIDEND IND	36,133	8,717	314.5%	29,145	24.0%
S&P BIOTECHNOLOGY SECTOR	1,439	0	-	325	342.8%
S&P COMMUNICATION SERVICE	3,968	2,012	97.2%	2,412	64.5%
S&P CONSUMER DISCRETIONAR	4,816	5,262	-8.5%	4,571	5.4%
S&P CONSUMER STAPLES SECT	14,351	18,497	-22.4%	14,692	-2.3%
S&P ENERGY SECTOR	22,533	40,930	-44.9%	19,661	14.6%
S&P FINANCIAL SECTOR	37,712	26,970	39.8%	33,406	12.9%
S&P HEALTH CARE SECTOR	22,172	20,660	7.3%	20,546	7.9%
S&P INDUSTRIAL SECTOR	18,332	17,833	2.8%	15,656	17.1%
S&P MATERIALS SECTOR	5,509	6,630	-16.9%	5,009	10.0%
S&P OIL & GAS EXPLORATION A	63	0	-	35	80.0%
S&P REAL ESTATE SECTOR	6,971	7,147	-2.5%	6,608	5.5%
S&P REGIONAL BANKS SECTOR	594	0	-	46	1,191.3%
S&P RETAIL SECTOR	30	0	-	30	0.0%
S&P TECHNOLOGY SECTOR	11,399	10,963	4.0%	12,421	-8.2%
S&P UTILITIES SECTOR	24,064	18,313	31.4%	25,519	-5.7%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	45	181	-75.1%	15	200.0%
WATER INDEX FUTURES	2	46	-95.7%	6	-66.7%
Equity Index Options					
BITCOIN OPTIONS	13,307	2,224	498.3%	14,677	-9.3%
DJIA	0	0	-	0	0.0%
E-mini (\$5) Dow	324	1,514	-78.6%	152	113.2%
E-MINI NASDAQ 100	164,626	247,713	-33.5%	168,225	-2.1%
E-MINI RUSSELL 2000	49,452	55,863	-11.5%	39,114	26.4%
E-MINI S&P500	5,023,186	4,602,929	9.1%	4,817,430	4.3%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	2,032	0	-	1,831	11.0%
EVENT CONTRACT S&P 500	0	0	-	0	0.0%
MICRO BITCOIN	6,301	2,654	137.4%	3,939	60.0%
MICRO E-MINI NASDAQ 100	6,740	6,089	10.7%	5,919	13.9%
Micro E-mini S&P 500	50,025	44,411	12.6%	46,899	6.7%
MICRO ETHER	16,371	26,220	-37.6%	18,342	-10.7%
S&P 500	0	0	-	0	-

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Metals Futures					
ALUMINUM	58,805	56,850	3.4%	59,599	-1.3%
COBALT METAL FUTURES	20,559	2,047	904.3%	18,733	9.7%
COMEX COPPER	196,596	185,003	6.3%	218,280	-9.9%
COMEX E-Mini GOLD	1,084	1,771	-38.8%	809	34.0%
COMEX E-Mini SILVER	337	441	-23.6%	596	-43.5%
COMEX GOLD	475,817	561,272	-15.2%	456,507	4.2%
COMEX MINY COPPER	364	424	-14.2%	362	0.6%
COMEX SILVER	140,253	135,949	3.2%	121,387	15.5%
COPPER	18,718	14,509	29.0%	17,634	6.1%
FERROUS PRODUCTS	5,919	5,919	0.0%	6,319	-6.3%
GOLD	761	1,739	-56.2%	684	11.3%
HOT ROLLED COIL STEEL FUTU	6,680	2,007	232.8%	6,989	-4.4%
IRON ORE CHINA	171	1,695	-89.9%	535	-68.0%
METALS	2,494	178	1,301.1%	2,368	5.3%
MICRO GOLD	21,809	29,821	-26.9%	20,750	5.1%
NYMEX HOT ROLLED STEEL	25,322	26,179	-3.3%	27,742	-8.7%
NYMEX PLATINUM	73,107	68,911	6.1%	57,620	26.9%
PALLADIUM	12,521	7,486	67.3%	11,559	8.3%
SILVER	8,626	7,223	19.4%	6,790	27.0%
URANIUM	0	800	-100.0%	200	-100.0%
Metals Options					
ALUMINUM	481	0	-	556	-13.5%
COMEX COPPER	98,635	57,892	70.4%	103,294	-4.5%
COMEX GOLD	849,729	826,039	2.9%	806,095	5.4%
COMEX SILVER	120,854	72,442	66.8%	117,200	3.1%
COPPER	388	87	346.0%	1,292	-70.0%
GOLD	30,952	23,923	29.4%	33,591	-7.9%
IRON ORE CHINA	0	0	-	0	-
NYMEX HOT ROLLED STEEL	7,700	3,880	98.5%	8,310	-7.3%
NYMEX PLATINUM	27,360	13,021	110.1%	18,502	47.9%
PALLADIUM	1,942	37	5,148.6%	2,036	-4.6%
SILVER	4,962	2,192	126.4%	5,296	-6.3%
Energy Futures					
AEP-DAYTON HUB DAILY	0	10	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	7,315	9,879	-26.0%	7,250	0.9%
ARGUS PROPAN FAR EST INDE	6,159	4,942	24.6%	6,135	0.4%
ARGUS PROPAN(SAUDI ARAMC	1,877	1,904	-1.4%	2,294	-18.2%
BRENT BALMO SWAP	0	0	-	0	-
BRENT CALENDAR SWAP	29,809	41,114	-27.5%	30,571	-2.5%
BRENT FINANCIAL FUTURES	210	0	-	210	0.0%
BRENT OIL LAST DAY	144,631	191,039	-24.3%	163,222	-11.4%
CAR VINTAGE	31,652	20,826	52.0%	29,352	7.8%
CHICAGO ETHANOL SWAP	36,496	33,208	9.9%	34,607	5.5%
CHICAGO ULSD PL VS HO SPR	2,615	1,838	42.3%	2,465	6.1%
CHICAGO UNL GAS PL VS RBO	0	75	-100.0%	0	-

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Energy Futures					
CONWAY NATURAL GASOLINE (444	1,854	-76.1%	398	11.6%
CONWAY NORMAL BUTANE (OPI	571	839	-31.9%	303	88.4%
CONWAY PROPANE 5 DECIMALS	22,665	18,810	20.5%	24,185	-6.3%
CRUDE OIL	0	0	-	0	-
CRUDE OIL LAST DAY	2,100	0	-	2,400	-12.5%
CRUDE OIL OUTRIGHTS	208,598	152,114	37.1%	210,225	-0.8%
CRUDE OIL PHY	1,915,118	1,758,696	8.9%	1,878,962	1.9%
CRUDE OIL SPRDS	206,553	123,759	66.9%	197,695	4.5%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	0	7,560	-100.0%	0	-
DATED TO FRONTLINE BRENT	1,665	2,445	-31.9%	1,850	-10.0%
DIESEL 10P BRG FOB RDM VS	0	5	-100.0%	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	0	1,500	-100.0%	0	-
DUTCH TTF NATURAL GAS CAL	2,719	5,011	-45.7%	2,675	1.6%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	1,774	1,158	53.2%	1,779	-0.3%
ELEC FINSETTLED	0	0	-	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-
EMMISSIONS	45	56	-19.6%	56	-19.6%
ETHANOL	26	0	-	0	-
ETHANOL SWAP	925	730	26.7%	880	5.1%
ETHANOL T2 FOB ROTT INCL DU	6,341	6,429	-1.4%	6,595	-3.9%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	3	0	-	3	0.0%
EURO GASOIL 10PPM VS ICE	270	893	-69.8%	300	-10.0%
EUROPE 1% FUEL OIL NWE CA	0	45	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	114	209	-45.5%	146	-21.9%
EUROPEAN GASOIL (ICE)	1,038	4,183	-75.2%	1,092	-4.9%
EUROPEAN NAPHTHA BALMO	3	30	-90.0%	10	-70.0%
EUROPEAN NAPHTHA CRACK SP	5,682	7,672	-25.9%	3,787	50.0%
EUROPE DATED BRENT SWAP	0	10	-100.0%	0	-
EUROPE JET KERO NWE CALSW	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	1,178	982	20.0%	1,275	-7.6%
EURO PROPANE CIF ARA SWA	2,790	2,849	-2.1%	2,874	-2.9%
FREIGHT MARKETS	429	802	-46.5%	471	-8.9%
FUEL OIL CRACK VS ICE	30	782	-96.2%	33	-9.1%
FUEL OIL NWE CRACK VS ICE	30	81	-63.0%	0	-
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	573	605	-5.3%	458	25.1%
GAS EURO-BOB OXY NWE BARG	4,210	10,227	-58.8%	3,882	8.4%
GASOIL 0.1CIF MED VS ICE	0	45	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	0	5	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	0	76	-100.0%	0	-
GASOIL 10PPM VS ICE SWAP	12	0	-	12	0.0%
GASOIL CALENDAR SWAP	85	416	-79.6%	86	-1.2%
GASOIL CRACK SPREAD CALEN	552	3,998	-86.2%	462	19.5%
GASOIL MINI CALENDAR SWAP	441	1,222	-63.9%	390	13.1%
GERMAN POWER BASELOAD CA	0	162	-100.0%	0	-

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Energy Futures					
GRP THREE ULSD(PLT)VS HEA	8,893	8,990	-1.1%	7,948	11.9%
GRP THREE UNL GS (PLT) VS	4,045	6,835	-40.8%	4,805	-15.8%
GULF COAST 3% FUEL OIL BA	0	0	-	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-
GULF COAST JET VS NYM 2 H	14,368	11,792	21.8%	12,412	15.8%
GULF COAST NO.6 FUEL OIL	18,041	12,607	43.1%	16,828	7.2%
GULF COAST ULSD CALENDAR	1,862	1,026	81.5%	1,849	0.7%
GULF COAST ULSD CRACK SPR	0	0	-	0	-
HEATING OIL BALMO CLNDR S	0	15	-100.0%	0	-
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	280,370	228,673	22.6%	269,793	3.9%
HENRY HUB SWAP	443,953	559,042	-20.6%	443,386	0.1%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-
HTG OIL	111	100	11.0%	72	54.2%
ICE BRENT DUBAI SWAP	180	1,735	-89.6%	140	28.6%
ICE GASOIL BALMO SWAP	0	0	-	0	-
INDIANA MISO	0	0	-	0	-
INDONESIAN COAL ICI4	0	0	-	0	-
JAPAN C&F NAPHTHA CRACK S	0	6	-100.0%	0	-
JAPAN C&F NAPHTHA SWAP	458	338	35.5%	446	2.7%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-
JET CIF NWE VS ICE	693	1,024	-32.3%	723	-4.1%
JET FUEL UP-DOWN BALMO CL	360	910	-60.4%	585	-38.5%
JKM LNG Futures	430	1,508	-71.5%	515	-16.5%
LA CARB DIESEL (OPIS) SWA	1,011	1,258	-19.6%	1,345	-24.8%
LA CARBOB GASOLINE(OPIS)S	150	0	-	150	0.0%
LA JET (OPIS) SWAP	1,000	875	14.3%	960	4.2%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	753	2,487	-69.7%	810	-7.0%
LTD NAT GAS	383,702	438,940	-12.6%	392,200	-2.2%
MARS (ARGUS) VS WTI SWAP	0	1,100	-100.0%	0	-
MARS (ARGUS) VS WTI TRD M	11,765	24,926	-52.8%	11,075	6.2%
MCCLOSKEY ARA ARGS COAL	6,299	11,752	-46.4%	6,226	1.2%
MCCLOSKEY RCH BAY COAL	86	910	-90.5%	106	-18.9%
MGN1 SWAP FUT	0	0	-	0	-
MINI GAS EUROBOB OXY NWE A	0	5	-100.0%	0	-
MINI RBOB V. EBOBARG NWE BF	210	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NW	300	894	-66.4%	303	-1.0%
MINY HTG OIL	0	2	-100.0%	1	-100.0%
MINY NATURAL GAS	11,281	5,531	104.0%	14,367	-21.5%
MINY RBOB GAS	4	2	100.0%	4	0.0%
MINY WTI CRUDE OIL	4,966	3,965	25.2%	6,264	-20.7%
MJC FUT	0	0	-	0	-
MNC FUT	2,231	2,362	-5.5%	2,046	9.0%
MONT BELVIEU ETHANE 5 DECI	52,461	49,554	5.9%	53,551	-2.0%
MONT BELVIEU ETHANE OPIS B	680	415	63.9%	560	21.4%
MONT BELVIEU LDH PROPANE 5	151,242	121,993	24.0%	155,130	-2.5%
MONT BELVIEU LDH PROPANE C	1,531	3,263	-53.1%	4,089	-62.6%
MONT BELVIEU NATURAL GASO	32,070	36,542	-12.2%	36,274	-11.6%
MONT BELVIEU NATURAL GASO	1,485	1,653	-10.2%	1,598	-7.1%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2023	Open Interest APR 2022	% CHG	Open Interest MAR 2023	% CHG
Energy Futures					
MONT BELVIEU NORMAL BUTAN	48,030	49,465	-2.9%	45,891	4.7%
MONT BELVIEU NORMAL BUTAN	1,112	1,049	6.0%	1,151	-3.4%
NATURAL GAS	190,726	230,841	-17.4%	200,820	-5.0%
NATURAL GAS PEN SWP	141,108	211,300	-33.2%	145,683	-3.1%
NATURAL GAS PHY	1,303,690	1,138,495	14.5%	1,338,812	-2.6%
NEPOOL INTR HUB 5MW D AH	0	6,201	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	0	96	-100.0%	0	-
NEW YORK ETHANOL SWAP	760	1,441	-47.3%	847	-10.3%
NEW YORK HUB ZONE G PEAK	0	800	-100.0%	0	-
NEW YORK HUB ZONE J PEAK	0	0	-	0	-
N ILLINOIS HUB DAILY	0	0	-	0	-
NY1% VS GC SPREAD SWAP	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
NY HARBOR HEAT OIL SWP	12,703	7,633	66.4%	10,099	25.8%
NY HARBOR LOW SULPUR GAS	0	450	-100.0%	0	-
NY HARBOR RESIDUAL FUEL 1	250	400	-37.5%	275	-9.1%
NYH NO 2 CRACK SPREAD CAL	16,631	15,600	6.6%	8,010	107.6%
NYISO CAPACITY	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	0	3,725	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING	1,564	109	1,334.9%	2,341	-33.2%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-
PETROCHEMICALS	11,785	13,487	-12.6%	11,174	5.5%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	23,806	38,250	-37.8%	25,809	-7.8%
PETRO CRK&SPRD EURO	2,039	3,262	-37.5%	1,870	9.0%
PETROLEUM PRODUCTS	11,972	8,575	39.6%	12,118	-1.2%
PETROLEUM PRODUCTS ASIA	909	1,201	-24.3%	1,042	-12.8%
PETRO OUTRIGHT EURO	15,425	23,652	-34.8%	15,540	-0.7%
PETRO OUTRIGHT NA	4,502	3,017	49.2%	3,355	34.2%
PJM AD HUB 5MW REAL TIME	0	16,655	-100.0%	0	-
PJM DAILY	126	284	-55.6%	126	0.0%
PJM NI HUB 5MW REAL TIME	0	0	-	0	-
PJM WESTH RT OFF-PEAK	0	142,245	-100.0%	0	-
PJM WESTH RT PEAK	10,710	29,982	-64.3%	11,970	-10.5%
PLASTICS	3,593	3,758	-4.4%	3,782	-5.0%
PREMIUM UNLD 10P FOB MED	15	135	-88.9%	15	0.0%
PROPANE NON-LDH MB (OPIS) B	1,004	1,217	-17.5%	1,466	-31.5%
PROPANE NON-LDH MT. BEL (OF	45,033	43,549	3.4%	40,239	11.9%
RBOB CALENDAR SWAP	18,305	12,497	46.5%	18,713	-2.2%
RBOB CRACK SPREAD	6,196	18,139	-65.8%	4,840	28.0%
RBOB CRACK SPREAD BALMO S	100	0	-	0	-
RBOB GAS	78	73	6.8%	48	62.5%
RBOB GASOLINE BALMO CLNDR	717	469	52.9%	1,055	-32.0%
RBOB PHY	293,880	303,635	-3.2%	307,895	-4.6%
RBOB VS HEATING OIL SWAP	255	375	-32.0%	280	-8.9%
SINGAPORE 180CST BALMO	0	0	-	4	-100.0%
SINGAPORE 380CST BALMO	0	1	-100.0%	0	-
SINGAPORE 380CST FUEL OIL	395	509	-22.4%	258	53.1%
SINGAPORE FUEL 180CST CAL	3	0	-	3	0.0%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	81	0	-	94	-13.8%
SINGAPORE GASOIL	274	2,076	-86.8%	302	-9.3%
SINGAPORE GASOIL CALENDAR	79	367	-78.5%	73	8.2%
SINGAPORE GASOIL SWAP	900	1,556	-42.2%	1,200	-25.0%
SINGAPORE GASOIL VS ICE	1,704	5,070	-66.4%	1,926	-11.5%
SINGAPORE JET KERO GASOIL	1,485	3,745	-60.3%	1,692	-12.2%
SINGAPORE JET KEROSENE SW	0	175	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEAD	0	0	-	100	-100.0%
SINGAPORE MOGAS 92 UNLEAD	300	300	0.0%	250	20.0%
TC2 ROTTERDAM TO USAC 37K	172	129	33.3%	222	-22.5%
TC5 RAS TANURA TO YOKOHAM	90	150	-40.0%	100	-10.0%
TD3 MEG TO JAPAN 250K MT	1,845	4,265	-56.7%	1,910	-3.4%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	5,552	5,174	7.3%	8,634	-35.7%
UP DOWN GC ULSD VS NMX HO	43,168	33,398	29.3%	29,474	46.5%
WTI-BRENT CALENDAR SWAP	115,093	109,473	5.1%	107,194	7.4%
WTI CALENDAR	143,365	172,484	-16.9%	143,873	-0.4%
WTI MIDLAND CRUDE OIL	1,100	0	-	790	39.2%
WTS (ARGUS) VS WTI SWAP	19,541	29,515	-33.8%	15,216	28.4%
WTS (ARGUS) VS WTI TRD MT	2,114	8,455	-75.0%	2,410	-12.3%

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CME Group Exchange Open Interest Report - Monthly

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Energy Options					
BRENT CALENDAR SWAP	2,349	2,858	-17.8%	2,440	-3.7%
BRENT CRUDE OIL 1 M CSO	6,300	5,650	11.5%	12,350	-49.0%
BRENT OIL LAST DAY	43,693	122,497	-64.3%	54,082	-19.2%
COAL API2 INDEX	190	305	-37.7%	90	111.1%
CRUDE OIL	0	0	-	0	-
CRUDE OIL 1MO	183,600	183,421	0.1%	156,500	17.3%
CRUDE OIL APO	167,781	254,834	-34.2%	152,964	9.7%
CRUDE OIL CALNDR STRIP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	0.0%
CRUDE OIL PHY	2,462,008	2,519,777	-2.3%	2,405,858	2.3%
ELEC FINSETTLED	0	43	-100.0%	0	-
ETHANOL SWAP	4,412	7,782	-43.3%	3,475	27.0%
FREIGHT MARKETS	0	30	-100.0%	0	-
HEATING OIL CRK SPD AVG PRI	0	2,250	-100.0%	0	-
HEATING OIL PHY	14,271	12,215	16.8%	16,749	-14.8%
HENRY HUB FINANCIAL LAST	43,062	32,766	31.4%	42,016	2.5%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	800	-100.0%
LLS CRUDE OIL	6,325	2,250	181.1%	5,600	12.9%
MCCLOSKEY ARA ARGS COAL	0	180	-100.0%	0	-
NATURAL GAS	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	76,200	78,200	-2.6%	39,750	91.7%
NATURAL GAS 2 M CSO FIN	0	0	-	0	-
NATURAL GAS 3 M CSO FIN	152,575	67,850	124.9%	122,575	24.5%
NATURAL GAS 5 M CSO FIN	0	0	-	6,900	-100.0%
NATURAL GAS 6 M CSO FIN	0	0	-	0	-
NATURAL GAS OPT	500	7,100	-93.0%	625	-20.0%
NATURAL GAS OPTION ON CALE	224	7,784	-97.1%	224	0.0%
NATURAL GAS PHY	3,250,013	3,087,641	5.3%	3,353,828	-3.1%
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NY HARBOR HEAT OIL SWP	15,886	6,580	141.4%	12,118	31.1%
PETROCHEMICALS	2,915	4,407	-33.9%	3,162	-7.8%
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT NA	90	1,185	-92.4%	40	125.0%
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	0	-	0	-
RBOB CALENDAR SWAP	128	219	-41.6%	144	-11.1%
RBOB PHY	5,223	2,401	117.5%	4,889	6.8%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	3,900	-100.0%
WTI-BRENT BULLET SWAP	103,700	163,650	-36.6%	120,550	-14.0%
WTI CRUDE OIL 1 M CSO FI	254,085	62,555	306.2%	157,600	61.2%
FX Futures					
AD/CD CROSS RATES	21	54	-61.1%	19	10.5%
AD/JY CROSS RATES	596	335	77.9%	1,091	-45.4%
AD/NE CROSS RATES	1,112	5,927	-81.2%	2,462	-54.8%
AUSTRALIAN DOLLAR	183,445	141,465	29.7%	154,210	19.0%

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CME Group Exchange Open Interest Report - Monthly

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FX Futures					
BP/JY CROSS RATES	1,973	2,528	-22.0%	1,727	14.2%
BP/SF CROSS RATES	1,151	1,826	-37.0%	2,531	-54.5%
BRAZIL REAL	81,368	72,215	12.7%	49,650	63.9%
BRITISH POUND	241,606	271,193	-10.9%	211,755	14.1%
CANADIAN DOLLAR	165,152	154,361	7.0%	173,983	-5.1%
CD/JY CROSS RATES	0	3	-100.0%	0	-
CHILEAN PESO	0	0	-	0	-
CHINESE RENMINBI (CNH)	3,403	8,626	-60.5%	3,536	-3.8%
CZECK KORUNA (EC)	0	2	-100.0%	0	-
CZECK KORUNA (US)	4	1	300.0%	3	33.3%
EC/AD CROSS RATES	3,944	1,900	107.6%	3,387	16.4%
EC/CD CROSS RATES	4,745	4,099	15.8%	4,786	-0.9%
EC/NOK CROSS RATES	2,617	1,360	92.4%	2,748	-4.8%
EC/SEK CROSS RATES	5,412	1,400	286.6%	5,399	0.2%
EFX/BP CROSS RATES	29,898	30,501	-2.0%	29,624	0.9%
EFX/JY CROSS RATES	21,671	23,772	-8.8%	19,423	11.6%
EFX/SF CROSS RATES	14,843	15,039	-1.3%	16,072	-7.6%
E-MICRO USD/CAD	67	16	318.8%	27	148.1%
E-MICRO USD/CHF	107	28	282.1%	76	40.8%
E-MICRO USD/JPY	158	397	-60.2%	256	-38.3%
E-MINI EURO FX	9,586	14,983	-36.0%	10,169	-5.7%
E-MINI JAPANESE YEN	964	890	8.3%	818	17.8%
EURO FX	778,739	695,379	12.0%	743,516	4.7%
HUNGARIAN FORINT (EC)	3	1	200.0%	3	0.0%
HUNGARIAN FORINT (US)	1	0	-	0	-
INDIAN RUPEE	3,802	852	346.2%	3,104	22.5%
JAPANESE YEN	198,780	253,383	-21.5%	167,721	18.5%
KOREAN WON	3,652	129	2,731.0%	1,390	162.7%
MEXICAN PESO	268,651	155,178	73.1%	244,404	9.9%
MICRO AUD/USD	9,155	3,756	143.7%	5,422	68.8%
MICRO CAD/USD	4,697	1,976	137.7%	3,779	24.3%
MICRO CHF/USD	1,581	1,650	-4.2%	1,195	32.3%
MICRO EUR/USD	14,675	33,328	-56.0%	12,850	14.2%
MICRO GBP/USD	4,172	5,269	-20.8%	3,081	35.4%
MICRO INR/USD	6	11	-45.5%	10	-40.0%
MICRO JPY/USD	0	0	-	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	37,715	49,066	-23.1%	34,363	9.8%
NKR/USD CROSS RATE	2,013	1,134	77.5%	1,877	7.2%
POLISH ZLOTY (EC)	96	187	-48.7%	93	3.2%
POLISH ZLOTY (US)	740	457	61.9%	663	11.6%
RMB USD	0	0	-	0	-
RUSSIAN RUBLE	0	795	-100.0%	0	-
S.AFRICAN RAND	32,537	21,954	48.2%	30,256	7.5%
SF/JY CROSS RATES	1,090	976	11.7%	776	40.5%
SHEKEL	11	2	450.0%	12	-8.3%
SKR/USD CROSS RATES	922	2,663	-65.4%	900	2.4%
SWISS FRANC	43,925	49,035	-10.4%	36,315	21.0%
TURKISH LIRA	74	56	32.1%	74	0.0%
USDZAR	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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FX Options					
AUD/USD MONDAY OPTION WEE	50	47	6.4%	18	177.8%
AUD/USD MONDAY OPTION WEE	1	13	-92.3%	281	-99.6%
AUD/USD MONDAY OPTION WEE	6	538	-98.9%	0	-
AUD/USD MONDAY OPTION WEE	4	0	-	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	56,624	166,805	-66.1%	62,366	-9.2%
AUD/USD THURSDAY WKLY OPT	12	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	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
AUD/USD TUESDAY WKLY OPT	11	0	-	19	-42.1%
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	0	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	642	1,045	-38.6%	1,903	-66.3%
AUD/USD WKLY FRIDAY OPTION	631	872	-27.6%	793	-20.4%
AUD/USD WKLY FRIDAY OPTION	2,125	511	315.9%	592	259.0%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
AUD/USD WKLY WED OPTIONS -	44	172	-74.4%	115	-61.7%
AUD/USD WKLY WED OPTIONS -	14	509	-97.2%	187	-92.5%
AUD/USD WKLY WED OPTIONS -	61	13	369.2%	8	662.5%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	200	258	-22.5%	0	-
CAD/USD MONDAY OPTIONS WE	993	213	366.2%	1,676	-40.8%
CAD/USD MONDAY OPTIONS WE	768	484	58.7%	939	-18.2%
CAD/USD MONDAY OPTIONS WE	7	1,138	-99.4%	5	40.0%
CAD/USD MONDAY OPTIONS WE	4	93	-95.7%	186	-97.8%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONTHLY OPTIONS	79,135	217,930	-63.7%	134,628	-41.2%
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	161	-100.0%
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	0	0	-	420	-100.0%
CAD/USD TUESDAY WKLY OPT	0	0	-	300	-100.0%
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	0	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	1,104	729	51.4%	1,427	-22.6%
CAD/USD WKLY FRIDAY OPTION	884	792	11.6%	771	14.7%
CAD/USD WKLY FRIDAY OPTION	654	665	-1.7%	858	-23.8%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
CAD/USD WKLY WED OPTIONS -	1,018	1,033	-1.5%	890	14.4%
CAD/USD WKLY WED OPTIONS -	153	550	-72.2%	25	512.0%

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CME Group Exchange Open Interest Report - Monthly

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FX Options					
CAD/USD WKLY WED OPTIONS -	27	314	-91.4%	9	200.0%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	9,631	6,121	57.3%	7,160	34.5%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	638	79	707.6%	387	64.9%
CHF/USD WKLY FRIDAY OPTION	484	13	3,623.1%	13	3,623.1%
CHF/USD WKLY FRIDAY OPTION	3	0	-	867	-99.7%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	1,750	-100.0%	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EURODOLLARS	0	0	-	0	0.0%
EURO FX	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	1,662	1,367	21.6%	704	136.1%
EUR/USD MONDAY OPTION WEE	638	84	659.5%	924	-31.0%
EUR/USD MONDAY OPTION WEE	72	102	-29.4%	172	-58.1%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONTHLY OPTIONS	374,936	267,626	40.1%	396,301	-5.4%
EUR/USD THURSDAY WKLY OPT	661	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	60	-100.0%
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	15	0	-	20	-25.0%
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 TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	4,882	4,205	16.1%	6,130	-20.4%
EUR/USD WKLY FRIDAY OPTION	676	1,386	-51.2%	693	-2.5%
EUR/USD WKLY FRIDAY OPTION	954	706	35.1%	1,137	-16.1%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/USD WKLY WED OPTIONS -	6,062	3,727	62.7%	4,199	44.4%
EUR/USD WKLY WED OPTIONS -	1,243	1,334	-6.8%	2,401	-48.2%
EUR/USD WKLY WED OPTIONS -	223	79	182.3%	44	406.8%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	161	542	-70.3%	442	-63.6%
GBP/USD MONDAY OPTION WEE	189	19	894.7%	30	530.0%
GBP/USD MONDAY OPTION WEE	1	217	-99.5%	9	-88.9%
GBP/USD MONDAY OPTION WEE	14	65	-78.5%	0	-
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	88,111	117,793	-25.2%	91,786	-4.0%
GBP/USD THURSDAY WKLY OPT	400	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	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	0.0%

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CME Group Exchange Open Interest Report - Monthly

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FX Options					
GBP/USD TUESDAY WKLY OPT	1	0	-	1	0.0%
GBP/USD TUESDAY WKLY OPT	888	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	1,045	2,218	-52.9%	705	48.2%
GBP/USD WKLY FRIDAY OPTION	5,648	2,349	140.4%	796	609.5%
GBP/USD WKLY FRIDAY OPTION	509	1,286	-60.4%	742	-31.4%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
GBP/USD WKLY WED OPTIONS -	1,701	1,628	4.5%	770	120.9%
GBP/USD WKLY WED OPTIONS -	91	121	-24.8%	0	-
GBP/USD WKLY WED OPTIONS -	25	480	-94.8%	260	-90.4%
GBP/USD WKLY WED OPTIONS -	0	20	-100.0%	0	-
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	329	684	-51.9%	539	-39.0%
JPY/USD MONDAY OPTION WEE	5	867	-99.4%	17	-70.6%
JPY/USD MONDAY OPTION WEE	0	84	-100.0%	13	-100.0%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONTHLY OPTIONS	90,577	135,967	-33.4%	92,383	-2.0%
JPY/USD THURSDAY WKLY OPT	3	0	-	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	6	-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	0.0%
JPY/USD TUESDAY WKLY OPT W	10	0	-	4	150.0%
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 TUESDAY WKLY OPT W	0	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	0	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	1,555	2,226	-30.1%	1,286	20.9%
JPY/USD WKLY FRIDAY OPTION	629	1,028	-38.8%	491	28.1%
JPY/USD WKLY FRIDAY OPTION	479	889	-46.1%	491	-2.4%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
JPY/USD WKLY WED OPTIONS -	2,752	3,616	-23.9%	1,799	53.0%
JPY/USD WKLY WED OPTIONS -	836	1,515	-44.8%	1,289	-35.1%
JPY/USD WKLY WED OPTIONS -	870	20	4,250.0%	7	12,328.6%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	385	3,813	-89.9%	197	95.4%
MXN/USD WKLY FRIDAY OPTION	0	15	-100.0%	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD MONTHLY OPTIONS	529	128	313.3%	91	481.3%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
PY/USD THURSDAY WKLY OPT	0	0	-	0	-
PY/USD TUESDAY WKLY OPT W	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2023	Open Interest APR 2022	% CHG	Open Interest MAR 2023	% CHG
FX Options					
RUB/USD MONTHLY OPTIONS	0	0	-	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	-
Ags Futures					
FERTILIZER PRODUCTS	3,437	3,157	8.9%	3,405	0.9%

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Futures					
BLOCK CHEESE	813	1,163	-30.1%	915	-11.1%
BUTTER CS	9,943	11,506	-13.6%	9,950	-0.1%
CASH-SETTLED CHEESE	24,355	18,240	33.5%	22,131	10.0%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	351,260	309,775	13.4%	322,123	9.0%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	3,700	2,300	60.9%	2,450	51.0%
CDD WEATHER	500	4,000	-87.5%	0	-
CHI WHEAT	365,418	322,552	13.3%	377,148	-3.1%
CLASS IV MILK	5,142	14,189	-63.8%	6,046	-15.0%
COFFEE	0	0	-	0	-
CORN	1,207,234	1,508,977	-20.0%	1,337,031	-9.7%
DJ_UBS ROLL SELECT INDEX FU	12,559	11,283	11.3%	11,300	11.1%
DOW-UBS COMMOD INDEX	55,269	33,559	64.7%	61,106	-9.6%
DOW-UBS COMMOD INDEX SWA	107,730	0	-	31,740	239.4%
DRY WHEY	3,347	2,863	16.9%	3,061	9.3%
FEEDER CATTLE	62,640	43,891	42.7%	61,629	1.6%
FERTILIZER PRODUCTS	0	0	-	0	-
GOLDMAN SACHS	588	1,381	-57.4%	555	5.9%
GSCI EXCESS RETURN FUT	37,102	65,593	-43.4%	37,102	0.0%
HDD EURO SEASONAL STRIP	0	0	-	2,375	-100.0%
HDD SEASONAL STRIP	0	0	-	2,900	-100.0%
HDD WEATHER	0	0	-	2,000	-100.0%
HDD WEATHER EUROPEAN	0	0	-	2,500	-100.0%
HOGS	228,712	222,821	2.6%	224,104	2.1%
HOUSING INDEX	47	33	42.4%	40	17.5%
KC WHEAT	180,879	172,362	4.9%	171,185	5.7%
LUMBER	4,746	2,686	76.7%	4,091	16.0%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	23,772	35,089	-32.3%	24,949	-4.7%
MINI CORN	6,317	17,036	-62.9%	8,426	-25.0%
MINI SOYBEAN	14,516	26,175	-44.5%	17,731	-18.1%
MINI WHEAT	2,825	4,873	-42.0%	2,788	1.3%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	9,721	9,519	2.1%	10,026	-3.0%
OATS	5,056	3,125	61.8%	4,139	22.2%
OTC SP GSCI ER SWAP	56,430	0	-	38,449	46.8%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	481	1,304	-63.1%	426	12.9%
ROUGH RICE	7,187	10,553	-31.9%	8,129	-11.6%
SOYBEAN	602,366	696,120	-13.5%	725,811	-17.0%
SOYBEAN MEAL	424,818	366,366	16.0%	427,036	-0.5%
SOYBEAN OIL	468,775	362,613	29.3%	480,502	-2.4%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-
USD CRUDE PALM OIL	53,005	52,454	1.1%	54,045	-1.9%
WHEAT	1,600	3,313	-51.7%	1,620	-1.2%

Ag Products Options

AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
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CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2023	Open Interest APR 2022	% CHG	Open Interest MAR 2023	% CHG
Ag Products Options					
BLOCK CHEESE	709	813	-12.8%	542	30.8%
BUTTER CS	7,004	8,733	-19.8%	7,215	-2.9%
CASH-SETTLED CHEESE	26,265	32,145	-18.3%	27,108	-3.1%
CATTLE	261,774	200,892	30.3%	289,169	-9.5%
CDD SEASONAL STRIP	40,500	9,250	337.8%	21,000	92.9%
CDD WEATHER	59,000	0	-	54,000	9.3%
CHI WHEAT	253,915	310,525	-18.2%	290,884	-12.7%
CLASS IV MILK	30,484	33,495	-9.0%	33,973	-10.3%
CORN	1,232,137	1,835,283	-32.9%	1,253,272	-1.7%
CORN NEARBY+2 CAL SPRD	44,922	21,088	113.0%	64,803	-30.7%
DEC-DEC CORN CAL SPRD	400	0	-	0	-
DEC-JULY CORN CAL SPRD	3,995	2,540	57.3%	110	3,531.8%
DEC-JULY WHEAT CAL SPRD	160	0	-	180	-11.1%
DRY WHEY	674	2,698	-75.0%	994	-32.2%
FEEDER CATTLE	58,153	37,338	55.7%	55,417	4.9%
HDD EURO SEASONAL STRIP	0	0	-	6,750	-100.0%
HDD SEASONAL STRIP	0	0	-	3,500	-100.0%
HDD WEATHER	0	0	-	7,000	-100.0%
HDD WEATHER EUROPEAN	0	0	-	15,000	-100.0%
HOGS	257,937	242,880	6.2%	292,767	-11.9%
Intercommodity Spread	0	0	-	0	-
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	24,462	20,681	18.3%	17,476	40.0%
JULY-DEC SOYMEAL CAL SPRD	770	0	-	730	5.5%
JULY-DEC SOY OIL CAL SPRD	2,210	0	-	2,210	0.0%
JULY-DEC WHEAT CAL SPRD	0	3,050	-100.0%	0	-
JULY-JULY WHEAT CAL SPRD	10	1	900.0%	10	0.0%
JULY-NOV SOYBEAN CAL SPRD	24,048	15,913	51.1%	25,274	-4.9%
KC WHEAT	45,542	59,565	-23.5%	53,796	-15.3%
LUMBER	21	282	-92.6%	148	-85.8%
LV CATL CSO	30	0	-	30	0.0%
MAR-DEC CORN CAL SPRD	0	0	-	0	-
MAR-JULY CORN CAL SPRD	0	0	-	0	-
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	93,095	96,030	-3.1%	102,989	-9.6%
MLK MID OPTIONS	9	45	-80.0%	10	-10.0%
NFD MILK	12,912	16,782	-23.1%	14,587	-11.5%
NOV-JULY SOYBEAN CAL SPRD	0	300	-100.0%	0	-
NOV-MAR SOYBEAN CSO	15	0	-	15	0.0%
OATS	217	335	-35.2%	277	-21.7%
PORK CUTOUT	5	30	-83.3%	0	-
ROUGH RICE	1,397	3,275	-57.3%	2,338	-40.2%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-
SOYBEAN	511,595	628,365	-18.6%	596,254	-14.2%
SOYBEAN CRUSH	0	61	-100.0%	0	-
SOYBEAN MEAL	156,573	140,134	11.7%	185,013	-15.4%
SOYBEAN OIL	123,560	173,631	-28.8%	153,040	-19.3%
SOYBN NEARBY+2 CAL SPRD	1,489	700	112.7%	3,571	-58.3%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Options					
SOY OIL NEARBY+2 CAL SPRD	0	0	-	25	-100.0%
WHEAT	619	400	54.7%	286	116.4%
WHEAT-CORN ICSD	200	1,000	-80.0%	220	-9.1%
WHEAT NEARBY+2 CAL SPRD	483	3,150	-84.7%	1,186	-59.3%
TOTAL FUTURES GROUP					
Interest Rate Futures	29,403,534	31,774,450	-7.5%	32,142,278	-8.5%
Equity Index Futures	4,667,662	4,374,660	6.7%	4,288,214	8.8%
Metals Futures	1,069,943	1,110,224	-3.6%	1,035,463	3.3%
Energy Futures	6,589,024	6,673,029	-1.3%	6,596,942	-0.1%
FX Futures	2,180,880	2,030,158	7.4%	1,985,556	9.8%
Ags Futures	3,437	3,157	8.9%	3,405	0.9%
Ag Products Futures	4,338,853	4,337,714	0.0%	4,497,559	-3.5%
TOTAL FUTURES	48,253,333	50,303,392	-4.1%	50,549,417	-4.5%
TOTAL OPTIONS GROUP					
Interest Rate Options	46,111,937	42,098,101	9.5%	48,946,906	-5.8%
Equity Index Options	5,332,364	4,989,617	6.9%	5,116,528	4.2%
Metals Options	1,143,003	999,513	14.4%	1,096,172	4.3%
Energy Options	6,795,530	6,636,610	2.4%	6,679,229	1.7%
FX Options	745,695	960,893	-22.4%	823,943	-9.5%
Ag Products Options	3,277,291	3,901,410	-16.0%	3,583,169	-8.5%
TOTAL OPTIONS	63,405,820	59,586,144	6.4%	66,245,947	-4.3%
TOTAL COMBINED					
Interest Rate	75,515,471	73,872,551	2.2%	81,089,184	-6.9%
Equity Index	10,000,026	9,364,277	6.8%	9,404,742	6.3%
Metals	2,212,946	2,109,737	4.9%	2,131,635	3.8%
Energy	13,384,554	13,309,639	0.6%	13,276,171	0.8%
FX	2,926,575	2,991,051	-2.2%	2,809,499	4.2%
Ags	3,437	3,157	8.9%	3,405	0.9%
Ag Products	7,616,144	8,239,124	-7.6%	8,080,728	-5.7%
GRAND TOTAL	111,659,153	109,889,536	1.6%	116,795,364	-4.4%

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