



CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2023	Open Interest SEP 2022	% CHG	Open Interest AUG 2023	% CHG
Interest Rate Futures					
10-YR Eris LIBOR	0	65,660	-100.0%	0	-
10-YR Eris SOFR	66,272	2,019	3,182.4%	74,669	-11.2%
10-YR MAC LIBOR	0	14,097	-100.0%	0	-
10-YR MAC SOFR	0	0	-	0	-
10-YR NOTE	4,742,137	3,834,682	23.7%	4,742,569	0.0%
10Y YIELD	5,401	3,854	40.1%	7,033	-23.2%
15-YR Eris LIBOR	0	0	-	0	-
1-MONTH EURODOLLAR	0	20,009	-100.0%	0	-
1-YR Eris BSBY	0	0	-	0	-
1-YR Eris SOFR	7,303	13,697	-46.7%	7,599	-3.9%
20-YR BOND	32	587	-94.5%	128	-75.0%
20-YR Eris LIBOR	0	0	-	0	-
2-YR Eris LIBOR	0	95,033	-100.0%	0	-
2-YR Eris SOFR	19,000	5,123	270.9%	20,778	-8.6%
2-YR NOTE	3,922,314	1,954,198	100.7%	3,649,918	7.5%
2Y YIELD	804	1,152	-30.2%	1,082	-25.7%
30-Year UMBS TBA Futures - 2.5%	50	0	-	20	150.0%
30-Year UMBS TBA Futures - 3.0%	401	0	-	92	335.9%
30-Year UMBS TBA Futures - 3.5%	439	0	-	169	159.8%
30-Year UMBS TBA Futures - 4.0%	965	0	-	82	1,076.8%
30-Year UMBS TBA Futures - 4.5%	305	0	-	143	113.3%
30-Year UMBS TBA Futures - 5.0%	164	0	-	306	-46.4%
30-Year UMBS TBA Futures - 5.5%	337	0	-	549	-38.6%
30-Year UMBS TBA Futures - 6.0%	990	0	-	610	62.3%
30-YR BOND	1,409,280	1,205,160	16.9%	1,338,891	5.3%
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	182	716	-74.6%	164	11.0%
3-YR Eris BSBY	0	0	-	0	-
3-YR Eris LIBOR	0	28,921	-100.0%	0	-
3-YR Eris SOFR	16,524	9,480	74.3%	17,770	-7.0%
3-YR NOTE	12,613	10,945	15.2%	12,118	4.1%
4-YR Eris LIBOR	0	7,386	-100.0%	0	-
4-YR Eris SOFR	5,570	1,769	214.9%	7,582	-26.5%
5-YR Eris LIBOR	0	14,709	-100.0%	0	-
5-YR Eris SOFR	25,130	1,716	1,364.5%	22,410	12.1%
5-YR MAC LIBOR	0	8,094	-100.0%	0	-
5-YR MAC SOFR	0	0	-	0	-
5-YR NOTE	5,578,262	3,973,117	40.4%	5,356,509	4.1%
5Y YIELD	4	110	-96.4%	1	300.0%
7-YR Eris LIBOR	0	20,221	-100.0%	0	-
7-YR Eris SOFR	15,936	1,293	1,132.5%	17,321	-8.0%
BSBY 3-MONTH FUTURES	3,029	17,602	-82.8%	7,725	-60.8%
ESTR Basis Spread Futures	1,066	0	-	1,187	-10.2%
ESTR Futures	15,287	0	-	11,886	28.6%
EURODOLLARS	0	8,318,218	-100.0%	0	-
FED FUND	1,762,785	1,709,738	3.1%	1,736,772	1.5%
FTIIE	248	123	101.6%	315	-21.3%
SOFR	10,738,748	7,681,151	39.8%	11,598,506	-7.4%

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Interest Rate Futures					
SONIA	2,206	7,786	-71.7%	3,673	-39.9%
UBSBM	30	0	-	0	-
Ultra 10-Year Note	1,883,783	1,367,547	37.7%	1,810,241	4.1%
ULTRA T-BOND	1,558,002	1,407,885	10.7%	1,539,823	1.2%
Interest Rate Options					
10-YR NOTE	2,475,575	2,762,129	-10.4%	2,103,936	17.7%
2-YR NOTE	291,569	65,977	341.9%	131,879	121.1%
30-YR BOND	704,635	592,232	19.0%	551,847	27.7%
5-YR NOTE	1,201,087	1,310,242	-8.3%	1,106,255	8.6%
EURODOLLARS	0	18,778,668	-100.0%	0	-
EURO MIDCURVE	0	3,460,879	-100.0%	0	-
FED FUND	0	1	-100.0%	0	-
SOFR	29,550,965	10,591,812	179.0%	33,142,723	-10.8%
SOFR MIDCURVE	6,275,525	3,131,079	100.4%	6,521,041	-3.8%
SOFR MISCURVE	0	0	-	0	-
Ultra 10-Year Note	423	4	10,475.0%	208	103.4%
ULTRA T-BOND	5,598	1,850	202.6%	3,723	50.4%
Equity Index Futures					
BITCOIN	15,014	14,867	1.0%	15,160	-1.0%
DJ US REAL ESTATE SECTOR	48,895	59,355	-17.6%	42,019	16.4%
E-mini (\$5) Dow	94,019	69,265	35.7%	94,938	-1.0%
E-mini FTSE China 50	0	40	-100.0%	0	-
E-MINI MIDCAP	38,842	54,381	-28.6%	37,765	2.9%
E-MINI NASDAQ 100	244,429	280,910	-13.0%	266,220	-8.2%
E-MINI RUSSELL 1000	6,196	7,236	-14.4%	8,456	-26.7%
E-MINI RUSSELL 1000 GROWTH	5,319	4,079	30.4%	4,236	25.6%
E-MINI RUSSELL 1000 VALUE	15,808	15,504	2.0%	13,899	13.7%
E-MINI RUSSELL 2000	477,415	571,263	-16.4%	520,505	-8.3%
E-MINI S&P500	2,117,920	2,282,435	-7.2%	2,265,941	-6.5%
E-MINI S&P500 ESG	16,811	12,330	36.3%	18,956	-11.3%
ETHER	0	5	-100.0%	0	-
ETHER FUTURES	4,577	5,035	-9.1%	4,393	4.2%
FT-SE 100	0	0	0.0%	2	-100.0%
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	12	47	-74.5%	12	0.0%
MICRO BITCOIN	9,569	32,296	-70.4%	8,000	19.6%
MICRO E-MINI NASDAQ 100	77,337	136,689	-43.4%	167,278	-53.8%
MICRO E-MINI RUSSELL 2000	18,345	21,570	-15.0%	23,886	-23.2%
MICRO E-MINI S&P500	128,145	125,322	2.3%	247,894	-48.3%
MICRO ETHER	14,764	69,960	-78.9%	11,062	33.5%
MICRO MINI \$5 DOW	19,784	17,965	10.1%	21,848	-9.4%
NASDAQ-100 VOLATILITY	0	0	-	0	-
NASDAQ BIOTECH SECTOR	14	138	-89.9%	21	-33.3%
Nearby BTIC+	0	0	-	0	-
NIKKEI 225 (\$) STOCK	15,378	13,882	10.8%	19,552	-21.3%

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Equity Index Futures					
NIKKEI 225 (YEN) STOCK	51,265	44,685	14.7%	54,424	-5.8%
PHLX SEMICONDUCTOR SECTO	2,966	240	1,135.8%	809	266.6%
S&P 500	457,828	343,517	33.3%	469,164	-2.4%
S&P 500 ANNUAL DIVIDEND IND	235,328	243,887	-3.5%	218,607	7.6%
S&P 500 QUARLY DIVIDEND IND	39,447	9,654	308.6%	40,975	-3.7%
S&P 600 SMALLCAP EMINI	559	0	-	559	0.0%
S&P BIOTECHNOLOGY SECTOR	436	23	1,795.7%	262	66.4%
S&P COMMUNICATION SERVICE	5,440	2,757	97.3%	6,079	-10.5%
S&P CONSUMER DISCRETIONAR	6,061	3,417	77.4%	8,387	-27.7%
S&P CONSUMER STAPLES SECT	17,286	15,584	10.9%	22,990	-24.8%
S&P ENERGY SECTOR	25,324	32,532	-22.2%	30,239	-16.3%
S&P FINANCIAL SECTOR	33,565	23,530	42.6%	37,842	-11.3%
S&P HEALTH CARE SECTOR	11,246	13,782	-18.4%	15,675	-28.3%
S&P INDUSTRIAL SECTOR	11,790	13,695	-13.9%	15,097	-21.9%
S&P MATERIALS SECTOR	5,919	7,319	-19.1%	19,076	-69.0%
S&P OIL & GAS EXPLORATION A	681	20	3,305.0%	395	72.4%
S&P REAL ESTATE SECTOR	7,297	5,092	43.3%	9,843	-25.9%
S&P REGIONAL BANKS SECTOR	1,656	132	1,154.5%	1,365	21.3%
S&P RETAIL SECTOR	192	67	186.6%	711	-73.0%
S&P TECHNOLOGY SECTOR	11,312	13,030	-13.2%	11,762	-3.8%
S&P UTILITIES SECTOR	34,909	14,088	147.8%	47,061	-25.8%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	46	124	-62.9%	34	35.3%
WATER INDEX FUTURES	1	0	-	1	0.0%
Equity Index Options					
BITCOIN OPTIONS	9,250	5,256	76.0%	5,947	55.5%
DJIA	0	0	0.0%	0	0.0%
E-mini (\$5) Dow	60	533	-88.7%	129	-53.5%
E-MINI NASDAQ 100	234,618	177,939	31.9%	262,566	-10.6%
E-MINI RUSSELL 2000	28,573	32,766	-12.8%	38,303	-25.4%
E-MINI S&P500	5,328,484	4,727,936	12.7%	5,719,937	-6.8%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	4,514	80	5,542.5%	3,464	30.3%
EVENT CONTRACT S&P 500	0	0	-	0	0.0%
MICRO BITCOIN	10,848	9,047	19.9%	11,486	-5.6%
MICRO E-MINI NASDAQ 100	7,858	5,207	50.9%	12,373	-36.5%
Micro E-mini S&P 500	82,919	54,095	53.3%	55,051	50.6%
MICRO ETHER	25,576	114,574	-77.7%	18,779	36.2%
S&P 500	0	0	-	0	-

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Metals Futures					
ALUMINUM	57,271	60,190	-4.8%	54,368	5.3%
COBALT METAL FUTURES	19,970	5,936	236.4%	20,583	-3.0%
COMEX COPPER	208,646	168,846	23.6%	190,258	9.7%
COMEX E-Mini GOLD	1,175	1,911	-38.5%	1,206	-2.6%
COMEX E-Mini SILVER	451	396	13.9%	260	73.5%
COMEX GOLD	432,570	432,024	0.1%	442,643	-2.3%
COMEX MINY COPPER	367	427	-14.1%	360	1.9%
COMEX SILVER	127,882	127,382	0.4%	130,756	-2.2%
COPPER	12,870	14,855	-13.4%	13,795	-6.7%
FERROUS PRODUCTS	4,008	6,732	-40.5%	4,146	-3.3%
GOLD	212	1,178	-82.0%	200	6.0%
HOT ROLLED COIL STEEL FUTU	5,733	6,570	-12.7%	4,920	16.5%
IRON ORE CHINA	1,343	3,678	-63.5%	1,360	-1.3%
LITHIUM CARBONATE FUTURES	0	0	-	0	-
METALS	7,547	307	2,358.3%	5,556	35.8%
MICRO GOLD	31,323	29,614	5.8%	30,206	3.7%
MOLYBDENUM OXIDE FUTURES	582	0	-	596	-2.3%
NYMEX HOT ROLLED STEEL	18,700	21,095	-11.4%	22,254	-16.0%
NYMEX PLATINUM	74,785	58,254	28.4%	70,041	6.8%
PALLADIUM	17,329	6,480	167.4%	17,175	0.9%
SILVER	7,041	6,052	16.3%	5,975	17.8%
URANIUM	0	800	-100.0%	0	-
Metals Options					
ALUMINUM	1,200	12	9,900.0%	448	167.9%
COMEX COPPER	78,971	71,606	10.3%	78,963	0.0%
COMEX GOLD	817,755	795,889	2.7%	754,090	8.4%
COMEX SILVER	96,919	113,269	-14.4%	89,174	8.7%
COPPER	3,265	704	363.8%	3,361	-2.9%
GOLD	50,228	24,616	104.0%	32,095	56.5%
IRON ORE CHINA	0	300	-100.0%	0	-
NYMEX HOT ROLLED STEEL	6,394	3,704	72.6%	6,567	-2.6%
NYMEX PLATINUM	9,610	2,491	285.8%	27,188	-64.7%
PALLADIUM	1,002	1	100,100.0%	809	23.9%
SILVER	6,518	2,385	173.3%	8,113	-19.7%
Energy Futures					
AEP-DAYTON HUB DAILY	0	10	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	4,965	9,610	-48.3%	7,485	-33.7%
ARGUS PROPAN FAR EST INDE	7,061	5,152	37.1%	6,596	7.0%
ARGUS PROPAN(SAUDI ARAMC	2,219	1,810	22.6%	2,150	3.2%
BRENT BALMO SWAP	0	0	-	50	-100.0%
BRENT CALENDAR SWAP	24,753	40,519	-38.9%	25,289	-2.1%
BRENT FINANCIAL FUTURES	220	10	2,100.0%	190	15.8%
BRENT OIL LAST DAY	135,923	172,630	-21.3%	140,749	-3.4%
CAR VINTAGE	23,239	17,187	35.2%	24,748	-6.1%
CEU ENERGY	330	0	-	335	-1.5%

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Energy Futures					
CHICAGO ETHANOL SWAP	41,916	29,627	41.5%	37,181	12.7%
CHICAGO ULSD PL VS HO SPR	1,925	1,093	76.1%	2,530	-23.9%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-
CONWAY NATURAL GASOLINE (423	933	-54.7%	405	4.4%
CONWAY NORMAL BUTANE (OPI	1,828	1,448	26.2%	1,838	-0.5%
CONWAY PROPANE 5 DECIMALS	30,844	29,001	6.4%	31,265	-1.3%
CRUDE OIL	0	0	-	0	-
CRUDE OIL LAST DAY	600	0	-	900	-33.3%
CRUDE OIL OUTRIGHTS	296,208	153,222	93.3%	276,166	7.3%
CRUDE OIL PHY	1,787,426	1,618,105	10.5%	1,688,900	5.8%
CRUDE OIL SPRDS	219,547	154,120	42.5%	218,375	0.5%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	0	6,288	-100.0%	0	-
DATED TO FRONTLINE BRENT	740	2,320	-68.1%	925	-20.0%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	200	500	-60.0%	200	0.0%
DUTCH TTF NATURAL GAS CAL	4,791	3,793	26.3%	9,608	-50.1%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	1,438	692	107.8%	1,247	15.3%
ELEC FINSETTLED	0	0	-	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-
EMMISSIONS	117	196	-40.3%	111	5.4%
ETHANOL	0	0	-	5	-100.0%
ETHANOL SWAP	655	560	17.0%	580	12.9%
ETHANOL T2 FOB ROTT INCL DU	6,352	8,034	-20.9%	6,394	-0.7%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	0	3	-100.0%	0	-
EURO GASOIL 10PPM VS ICE	120	532	-77.4%	150	-20.0%
EUROPE 1% FUEL OIL NWE CA	0	20	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	42	118	-64.4%	34	23.5%
EUROPEAN GASOIL (ICE)	301	2,158	-86.1%	434	-30.6%
EUROPEAN NAPHTHA BALMO	33	19	73.7%	5	560.0%
EUROPEAN NAPHTHA CRACK SP	7,487	5,515	35.8%	6,611	13.3%
EUROPE DATED BRENT SWAP	0	3	-100.0%	0	-
EUROPE JET KERO NWE CALSW	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	1,248	639	95.3%	1,435	-13.0%
EURO PROPANE CIF ARA SWA	2,767	3,070	-9.9%	2,692	2.8%
FREIGHT MARKETS	387	1,533	-74.8%	402	-3.7%
FUEL OIL CRACK VS ICE	13	374	-96.5%	17	-23.5%
FUEL OIL NWE CRACK VS ICE	30	51	-41.2%	30	0.0%
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	1,120	363	208.5%	1,213	-7.7%
GAS EURO-BOB OXY NWE BARG	7,431	6,416	15.8%	4,987	49.0%
GASOIL 0.1CIF MED VS ICE	0	20	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	1	22	-95.5%	1	0.0%
GASOIL 10PPM VS ICE SWAP	12	0	-	12	0.0%
GASOIL CALENDAR SWAP	40	178	-77.5%	41	-2.4%

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Energy Futures					
GASOIL CRACK SPREAD CALEN	454	1,925	-76.4%	488	-7.0%
GASOIL MINI CALENDAR SWAP	545	418	30.4%	561	-2.9%
GERMAN POWER BASELOAD CA	0	72	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	7,471	5,207	43.5%	7,451	0.3%
GRP THREE UNL GS (PLT) VS	3,681	3,520	4.6%	3,901	-5.6%
GULF COAST 3% FUEL OIL BA	0	0	-	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-
GULF COAST JET VS NYM 2 H	14,646	9,573	53.0%	17,603	-16.8%
GULF COAST NO.6 FUEL OIL	17,331	17,984	-3.6%	16,728	3.6%
GULF COAST ULSD CALENDAR	1,483	640	131.7%	1,299	14.2%
GULF COAST ULSD CRACK SPR	0	0	-	0	-
HEATING OIL BALMO CLNDR S	246	0	-	0	-
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	328,204	294,856	11.3%	320,221	2.5%
HENRY HUB SWAP	411,082	468,362	-12.2%	417,298	-1.5%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-
HTG OIL	114	90	26.7%	111	2.7%
ICE BRENT DUBAI SWAP	75	950	-92.1%	150	-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	6	-16.7%	5	0.0%
JAPAN C&F NAPHTHA SWAP	700	274	155.5%	670	4.5%
JAPAN NAPHTHA BALMO SWAP	23	0	-	0	-
JET CIF NWE VS ICE	328	858	-61.8%	410	-20.0%
JET FUEL UP-DOWN BALMO CL	1,063	230	362.2%	785	35.4%
JKM LNG Futures	60	772	-92.2%	90	-33.3%
LA CARB DIESEL (OPIS) SWA	391	504	-22.4%	563	-30.6%
LA CARBOB GASOLINE(OPIS)S	0	0	-	0	-
LA JET (OPIS) SWAP	1,065	50	2,030.0%	1,250	-14.8%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	468	1,852	-74.7%	525	-10.9%
LTD NAT GAS	349,359	377,776	-7.5%	365,995	-4.5%
MARS (ARGUS) VS WTI SWAP	0	475	-100.0%	0	-
MARS (ARGUS) VS WTI TRD M	7,564	9,722	-22.2%	10,494	-27.9%
MCCLOSKEY ARA ARGS COAL	5,981	10,152	-41.1%	5,686	5.2%
MCCLOSKEY RCH BAY COAL	74	610	-87.9%	32	131.3%
MGN1 SWAP FUT	0	0	-	0	-
MINI GAS EUROBOB OXY NWE A	0	20	-100.0%	30	-100.0%
MINI RBOB V. EBOBARG NWE BF	100	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NW	367	190	93.2%	296	24.0%
MINY HTG OIL	0	0	0.0%	0	-
MINY NATURAL GAS	7,192	5,245	37.1%	9,044	-20.5%
MINY RBOB GAS	0	0	-	2	-100.0%
MINY WTI CRUDE OIL	2,362	5,170	-54.3%	2,758	-14.4%
MJC FUT	30	0	-	0	-
MNC FUT	1,526	3,316	-54.0%	1,314	16.1%
MONT BELVIEU ETHANE 5 DECI	52,551	43,137	21.8%	51,415	2.2%
MONT BELVIEU ETHANE OPIS B	260	1,322	-80.3%	715	-63.6%
MONT BELVIEU LDH PROPANE 5	155,510	129,386	20.2%	163,066	-4.6%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
MONT BELVIEU LDH PROPANE C	777	1,881	-58.7%	1,125	-30.9%
MONT BELVIEU NATURAL GASO	32,272	36,824	-12.4%	35,110	-8.1%
MONT BELVIEU NATURAL GASO	865	1,825	-52.6%	292	196.2%
MONT BELVIEU NORMAL BUTAN	75,639	59,457	27.2%	76,581	-1.2%
MONT BELVIEU NORMAL BUTAN	389	1,074	-63.8%	619	-37.2%
NATURAL GAS	159,082	214,074	-25.7%	178,830	-11.0%
NATURAL GAS PEN SWP	120,000	191,429	-37.3%	125,294	-4.2%
NATURAL GAS PHY	1,160,913	947,087	22.6%	1,148,827	1.1%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	-
NEW ENGLAND HUB PEAK DAIL	0	96	-100.0%	0	-
NEW YORK ETHANOL SWAP	1,435	1,730	-17.1%	1,495	-4.0%
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	10,410	8,183	27.2%	11,358	-8.3%
NY HARBOR LOW SULPUR GAS	0	200	-100.0%	0	-
NY HARBOR RESIDUAL FUEL 1	0	225	-100.0%	0	-
NYH NO 2 CRACK SPREAD CAL	20,785	8,767	137.1%	22,411	-7.3%
NYISO CAPACITY	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	0	1,050	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING	3,248	2,564	26.7%	2,303	41.0%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-
PETROCHEMICALS	12,278	12,341	-0.5%	12,810	-4.2%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	23,852	27,683	-13.8%	25,262	-5.6%
PETRO CRK&SPRD EURO	2,094	1,943	7.8%	2,176	-3.8%
PETROLEUM PRODUCTS	7,286	10,119	-28.0%	7,042	3.5%
PETROLEUM PRODUCTS ASIA	1,463	965	51.6%	668	119.0%
PETRO OUTRIGHT EURO	13,091	17,270	-24.2%	13,985	-6.4%
PETRO OUTRIGHT NA	5,870	3,408	72.2%	6,015	-2.4%
PJM AD HUB 5MW REAL TIME	0	6,320	-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	54,045	-100.0%	0	-
PJM WESTH RT PEAK	3,969	14,788	-73.2%	5,229	-24.1%
PLASTICS	4,002	3,800	5.3%	3,633	10.2%
PREMIUM UNLD 10P FOB MED	0	66	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) B	710	650	9.2%	1,028	-30.9%
PROPANE NON-LDH MT. BEL (OF	65,009	33,938	91.6%	71,303	-8.8%
RBOB CALENDAR SWAP	15,806	10,847	45.7%	19,543	-19.1%
RBOB CRACK SPREAD	9,191	10,609	-13.4%	10,226	-10.1%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GAS	84	62	35.5%	66	27.3%
RBOB GASOLINE BALMO CLNDR	610	370	64.9%	1,146	-46.8%
RBOB PHY	322,391	239,389	34.7%	368,805	-12.6%
RBOB VS HEATING OIL SWAP	130	315	-58.7%	155	-16.1%
SINGAPORE 180CST BALMO	5	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
SINGAPORE 380CST BALMO	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	406	92	341.3%	269	50.9%
SINGAPORE FUEL 180CST CAL	9	0	-	7	28.6%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	33	57	-42.1%	57	-42.1%
SINGAPORE GASOIL	337	545	-38.2%	295	14.2%
SINGAPORE GASOIL CALENDAR	219	95	130.5%	202	8.4%
SINGAPORE GASOIL SWAP	1,572	782	101.0%	995	58.0%
SINGAPORE GASOIL VS ICE	748	3,435	-78.2%	935	-20.0%
SINGAPORE JET KERO GASOIL	700	2,939	-76.2%	857	-18.3%
SINGAPORE JET KEROSENE SW	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	222	0	-	442	-49.8%
TC2 ROTTERDAM TO USAC 37K	72	120	-40.0%	72	0.0%
TC5 RAS TANURA TO YOKOHAM	40	244	-83.6%	50	-20.0%
TD3 MEG TO JAPAN 250K MT	1,520	2,735	-44.4%	1,585	-4.1%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	3,575	1,630	119.3%	5,039	-29.1%
UP DOWN GC ULSD VS NMX HO	37,479	25,716	45.7%	40,691	-7.9%
WTI-BRENT CALENDAR SWAP	167,635	110,969	51.1%	163,914	2.3%
WTI CALENDAR	162,300	169,246	-4.1%	155,286	4.5%
WTI MIDLAND CRUDE OIL	680	300	126.7%	1,020	-33.3%
WTS (ARGUS) VS WTI SWAP	28,045	26,018	7.8%	28,130	-0.3%
WTS (ARGUS) VS WTI TRD MT	938	4,460	-79.0%	1,407	-33.3%

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CME Group Exchange Open Interest Report - Monthly

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Energy Options					
BRENT CALENDAR SWAP	3,150	2,076	51.7%	3,478	-9.4%
BRENT CRUDE OIL 1 M CSO	7,050	12,400	-43.1%	2,700	161.1%
BRENT OIL LAST DAY	39,000	100,506	-61.2%	40,762	-4.3%
COAL API2 INDEX	460	365	26.0%	305	50.8%
CRUDE OIL	0	0	-	0	-
CRUDE OIL 1MO	209,075	124,377	68.1%	168,550	24.0%
CRUDE OIL APO	198,193	185,810	6.7%	171,003	15.9%
CRUDE OIL CALNDR STRIP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0.0%
CRUDE OIL PHY	2,351,109	2,486,847	-5.5%	2,207,833	6.5%
ELEC FINSETTLED	0	0	-	0	-
ETHANOL SWAP	7,784	3,729	108.7%	5,656	37.6%
FREIGHT MARKETS	0	30	-100.0%	0	-
HEATING OIL CRK SPD AVG PRI	0	1,250	-100.0%	0	-
HEATING OIL PHY	16,917	18,464	-8.4%	16,968	-0.3%
HENRY HUB FINANCIAL LAST	85,548	23,522	263.7%	68,191	25.5%
HO 1 MONTH CLNDR OPTIONS	14,500	1,100	1,218.2%	13,900	4.3%
LLS CRUDE OIL	3,950	6,000	-34.2%	4,425	-10.7%
MCCLOSKEY ARA ARGS COAL	0	80	-100.0%	0	-
NATURAL GAS	1,417	0	-	1,377	2.9%
NATURAL GAS 1 M CSO FIN	131,378	140,798	-6.7%	148,703	-11.7%
NATURAL GAS 2 M CSO FIN	1,000	0	-	1,250	-20.0%
NATURAL GAS 3 M CSO FIN	0	200	-100.0%	106,815	-100.0%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	0	9,000	-100.0%	0	-
NATURAL GAS OPT	0	100	-100.0%	0	-
NATURAL GAS OPTION ON CALE	224	7,784	-97.1%	224	0.0%
NATURAL GAS PHY	2,687,910	2,803,595	-4.1%	3,043,232	-11.7%
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NY HARBOR HEAT OIL SWP	16,825	8,961	87.8%	18,014	-6.6%
PETROCHEMICALS	1,707	4,221	-59.6%	1,958	-12.8%
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT NA	70	560	-87.5%	80	-12.5%
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	108	520	-79.2%	124	-12.9%
RBOB PHY	1,327	6,345	-79.1%	3,197	-58.5%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	0	-
WTI-BRENT BULLET SWAP	145,002	191,885	-24.4%	63,300	129.1%
WTI CRUDE OIL 1 M CSO FI	153,905	154,050	-0.1%	161,195	-4.5%
FX Futures					
AD/CD CROSS RATES	0	48	-100.0%	5	-100.0%
AD/JY CROSS RATES	611	1,049	-41.8%	668	-8.5%
AD/NE CROSS RATES	5,521	7,885	-30.0%	5,599	-1.4%
AUSTRALIAN DOLLAR	204,280	143,667	42.2%	225,915	-9.6%

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FX Futures					
BP/JY CROSS RATES	2,351	1,591	47.8%	1,518	54.9%
BP/SF CROSS RATES	2,587	3,153	-18.0%	3,288	-21.3%
BRAZIL REAL	52,710	56,823	-7.2%	53,981	-2.4%
BRITISH POUND	240,464	265,250	-9.3%	224,647	7.0%
CANADIAN DOLLAR	179,559	139,832	28.4%	181,208	-0.9%
CD/JY CROSS RATES	38	12	216.7%	112	-66.1%
CHILEAN PESO	0	0	-	0	-
CHINESE RENMINBI (CNH)	8,041	7,049	14.1%	7,774	3.4%
CZECK KORUNA (EC)	0	0	-	1	-100.0%
CZECK KORUNA (US)	3	39	-92.3%	3	0.0%
EC/AD CROSS RATES	4,314	2,463	75.2%	3,561	21.1%
EC/CD CROSS RATES	3,820	4,138	-7.7%	3,702	3.2%
EC/NOK CROSS RATES	500	3,348	-85.1%	1,902	-73.7%
EC/SEK CROSS RATES	5,310	1,506	252.6%	5,483	-3.2%
EFX/BP CROSS RATES	29,236	33,699	-13.2%	29,362	-0.4%
EFX/JY CROSS RATES	18,110	20,050	-9.7%	22,080	-18.0%
EFX/SF CROSS RATES	14,125	12,642	11.7%	11,915	18.5%
E-MICRO USD/CAD	35	20	75.0%	53	-34.0%
E-MICRO USD/CHF	29	10	190.0%	69	-58.0%
E-MICRO USD/JPY	257	129	99.2%	308	-16.6%
E-MINI EURO FX	9,833	12,054	-18.4%	10,312	-4.6%
E-MINI JAPANESE YEN	1,302	2,228	-41.6%	3,960	-67.1%
EURO FX	699,106	645,638	8.3%	750,372	-6.8%
HUNGARIAN FORINT (EC)	3	0	-	4	-25.0%
HUNGARIAN FORINT (US)	0	1	-100.0%	1	-100.0%
INDIAN RUPEE	1,279	1,654	-22.7%	1,159	10.4%
JAPANESE YEN	284,688	243,003	17.2%	247,007	15.3%
KOREAN WON	127	129	-1.6%	187	-32.1%
MEXICAN PESO	212,911	181,590	17.2%	248,650	-14.4%
MICRO AUD/USD	4,680	4,551	2.8%	7,822	-40.2%
MICRO CAD/USD	2,917	2,919	-0.1%	3,312	-11.9%
MICRO CHF/USD	1,412	1,578	-10.5%	1,621	-12.9%
MICRO EUR/USD	15,187	26,941	-43.6%	18,278	-16.9%
MICRO GBP/USD	3,765	5,230	-28.0%	3,950	-4.7%
MICRO INR/USD	17	10	70.0%	6	183.3%
MICRO JPY/USD	0	0	-	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	55,843	46,913	19.0%	56,348	-0.9%
NKR/USD CROSS RATE	1,519	1,949	-22.1%	974	56.0%
POLISH ZLOTY (EC)	46	75	-38.7%	95	-51.6%
POLISH ZLOTY (US)	205	390	-47.4%	731	-72.0%
RMB USD	0	0	-	0	-
RUSSIAN RUBLE	0	3	-100.0%	0	-
S.AFRICAN RAND	11,699	11,686	0.1%	25,079	-53.4%
SF/JY CROSS RATES	983	1,585	-38.0%	909	8.1%
SHEKEL	52	22	136.4%	63	-17.5%
SKR/USD CROSS RATES	876	2,275	-61.5%	1,014	-13.6%
SWISS FRANC	58,087	42,153	37.8%	44,467	30.6%
TURKISH LIRA	52	77	-32.5%	4	1,200.0%
USDZAR	10	0	-	5	100.0%

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FX Options					
AUD/USD MONDAY OPTION WEE	177	49	261.2%	0	-
AUD/USD MONDAY OPTION WEE	67	1	6,600.0%	78	-14.1%
AUD/USD MONDAY OPTION WEE	0	3	-100.0%	3	-100.0%
AUD/USD MONDAY OPTION WEE	1	0	-	103	-99.0%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	61,607	70,203	-12.2%	63,463	-2.9%
AUD/USD THURSDAY WKLY OPT	2	0	-	7	-71.4%
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	27	0	-	1,295	-97.9%
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	-	2,421	-100.0%
AUD/USD WKLY FRIDAY OPTION	868	599	44.9%	0	-
AUD/USD WKLY FRIDAY OPTION	872	315	176.8%	877	-0.6%
AUD/USD WKLY FRIDAY OPTION	571	291	96.2%	1,244	-54.1%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	577	-100.0%
AUD/USD WKLY WED OPTIONS -	293	13	2,153.8%	207	41.5%
AUD/USD WKLY WED OPTIONS -	227	39	482.1%	283	-19.8%
AUD/USD WKLY WED OPTIONS -	14	95	-85.3%	228	-93.9%
AUD/USD WKLY WED OPTIONS -	12	0	-	0	-
AUD/USD WKLY WED OPTIONS -	0	0	-	0	0.0%
BRL/USD MONTHLY OPTIONS	60	6	900.0%	60	0.0%
CAD/USD MONDAY OPTIONS WE	683	540	26.5%	195	250.3%
CAD/USD MONDAY OPTIONS WE	43	727	-94.1%	48	-10.4%
CAD/USD MONDAY OPTIONS WE	16	408	-96.1%	438	-96.3%
CAD/USD MONDAY OPTIONS WE	1,216	0	-	434	180.2%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONTHLY OPTIONS	78,809	208,463	-62.2%	88,489	-10.9%
CAD/USD THURSDAY WKLY OPT	28	0	-	12	133.3%
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	56	0	-	216	-74.1%
CAD/USD TUESDAY WKLY OPT	205	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	0	0	-	4,317	-100.0%
CAD/USD WKLY FRIDAY OPTION	1,563	1,262	23.9%	0	-
CAD/USD WKLY FRIDAY OPTION	1,155	407	183.8%	1,421	-18.7%
CAD/USD WKLY FRIDAY OPTION	562	2,191	-74.3%	639	-12.1%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	532	-100.0%
CAD/USD WKLY WED OPTIONS -	490	860	-43.0%	1,313	-62.7%
CAD/USD WKLY WED OPTIONS -	698	233	199.6%	387	80.4%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2023	Open Interest SEP 2022	% CHG	Open Interest AUG 2023	% CHG
FX Options					
CAD/USD WKLY WED OPTIONS -	1,141	97	1,076.3%	304	275.3%
CAD/USD WKLY WED OPTIONS -	1,460	165	784.8%	22	6,536.4%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	0.0%
CHF/USD MONTHLY OPTIONS	10,574	8,355	26.6%	9,130	15.8%
CHF/USD WKLY FRIDAY OPTION	0	0	-	1,397	-100.0%
CHF/USD WKLY FRIDAY OPTION	49	7	600.0%	0	-
CHF/USD WKLY FRIDAY OPTION	7	11	-36.4%	868	-99.2%
CHF/USD WKLY FRIDAY OPTION	1	0	-	206	-99.5%
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	1,103	3,721	-70.4%	9	12,155.6%
EUR/USD MONDAY OPTION WEE	628	164	282.9%	1,364	-54.0%
EUR/USD MONDAY OPTION WEE	401	184	117.9%	564	-28.9%
EUR/USD MONDAY OPTION WEE	18	270	-93.3%	704	-97.4%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONTHLY OPTIONS	286,192	334,389	-14.4%	325,653	-12.1%
EUR/USD THURSDAY WKLY OPT	445	0	-	50	790.0%
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
EUR/USD TUESDAY WKLY OPT	71	0	-	824	-91.4%
EUR/USD TUESDAY WKLY OPT	1	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	-	9,904	-100.0%
EUR/USD WKLY FRIDAY OPTION	7,983	6,016	32.7%	0	-
EUR/USD WKLY FRIDAY OPTION	1,022	2,246	-54.5%	5,738	-82.2%
EUR/USD WKLY FRIDAY OPTION	2,171	1,059	105.0%	2,551	-14.9%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	667	-100.0%
EUR/USD WKLY WED OPTIONS -	4,372	6,719	-34.9%	4,892	-10.6%
EUR/USD WKLY WED OPTIONS -	2,853	2,283	25.0%	3,666	-22.2%
EUR/USD WKLY WED OPTIONS -	192	86	123.3%	126	52.4%
EUR/USD WKLY WED OPTIONS -	11	911	-98.8%	1	1,000.0%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	0.0%
EVENT CONTRACT EUR/USD	0	0	0.0%	0	0.0%
GBP/USD MONDAY OPTION WEE	1,649	740	122.8%	11	14,890.9%
GBP/USD MONDAY OPTION WEE	21	157	-86.6%	310	-93.2%
GBP/USD MONDAY OPTION WEE	297	3	9,800.0%	302	-1.7%
GBP/USD MONDAY OPTION WEE	250	0	-	50	400.0%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	106,035	127,255	-16.7%	105,039	0.9%
GBP/USD THURSDAY WKLY OPT	501	0	-	24	1,987.5%
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%
GBP/USD TUESDAY WKLY OPT	5	0	-	26	-80.8%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2023	Open Interest SEP 2022	% CHG	Open Interest AUG 2023	% CHG
FX Options					
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 TUESDAY WKLY OPT	0	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	0	0	-	3,143	-100.0%
GBP/USD WKLY FRIDAY OPTION	2,685	851	215.5%	0	-
GBP/USD WKLY FRIDAY OPTION	1,041	771	35.0%	753	38.2%
GBP/USD WKLY FRIDAY OPTION	668	584	14.4%	2,502	-73.3%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	711	-100.0%
GBP/USD WKLY WED OPTIONS -	1,261	500	152.2%	80	1,476.3%
GBP/USD WKLY WED OPTIONS -	35	159	-78.0%	3	1,066.7%
GBP/USD WKLY WED OPTIONS -	205	0	-	1	20,400.0%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD WKLY WED OPTIONS -	0	0	-	0	0.0%
JPY/USD MONDAY OPTION WEE	1,366	3,364	-59.4%	64	2,034.4%
JPY/USD MONDAY OPTION WEE	512	2	25,500.0%	28	1,728.6%
JPY/USD MONDAY OPTION WEE	126	0	-	1,584	-92.0%
JPY/USD MONDAY OPTION WEE	46	0	-	212	-78.3%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONTHLY OPTIONS	99,756	181,265	-45.0%	95,725	4.2%
JPY/USD THURSDAY WKLY OPT	506	0	-	3	16,766.7%
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	1,081	0	-	56	1,830.4%
JPY/USD TUESDAY WKLY OPT W	521	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	-	5,502	-100.0%
JPY/USD WKLY FRIDAY OPTION	3,890	2,656	46.5%	0	-
JPY/USD WKLY FRIDAY OPTION	1,459	777	87.8%	2,621	-44.3%
JPY/USD WKLY FRIDAY OPTION	614	443	38.6%	1,272	-51.7%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	881	-100.0%
JPY/USD WKLY WED OPTIONS -	4,452	3,464	28.5%	1,403	217.3%
JPY/USD WKLY WED OPTIONS -	1,132	2,081	-45.6%	1,271	-10.9%
JPY/USD WKLY WED OPTIONS -	33	0	-	1	3,200.0%
JPY/USD WKLY WED OPTIONS -	50	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	-	0	0.0%
MXN/USD MONTHLY OPTIONS	4,620	1,378	235.3%	1,785	158.8%
MXN/USD WKLY FRIDAY OPTION	0	0	-	5	-100.0%
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	88	9,756	-99.1%	181	-51.4%
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%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2023	Open Interest SEP 2022	% CHG	Open Interest AUG 2023	% CHG
FX Options					
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2023	Open Interest SEP 2022	% CHG	Open Interest AUG 2023	% CHG
Ag Products Futures					
BLOCK CHEESE	2,961	755	292.2%	1,801	64.4%
BUTTER CS	9,902	9,928	-0.3%	8,524	16.2%
CASH-SETTLED CHEESE	19,148	19,860	-3.6%	16,990	12.7%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	318,161	275,704	15.4%	314,129	1.3%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	3,700	1,500	146.7%	3,900	-5.1%
CDD WEATHER	2,350	2,750	-14.5%	7,550	-68.9%
CHI WHEAT	434,160	295,483	46.9%	364,105	19.2%
CLASS IV MILK	7,912	14,276	-44.6%	4,775	65.7%
COFFEE	0	0	-	0	-
CORN	1,358,967	1,356,615	0.2%	1,209,635	12.3%
DJ_UBS ROLL SELECT INDEX FU	11,563	10,798	7.1%	12,294	-5.9%
DOW-UBS COMMOD INDEX	61,977	60,870	1.8%	61,466	0.8%
DOW-UBS COMMOD INDEX SWA	168,242	0	-	107,730	56.2%
DRY WHEY	2,640	3,233	-18.3%	1,915	37.9%
FEEDER CATTLE	56,356	49,691	13.4%	60,269	-6.5%
FERTILIZER PRODUCTS	2,751	4,188	-34.3%	2,988	-7.9%
GOLDMAN SACHS	658	1,179	-44.2%	622	5.8%
GSCI EXCESS RETURN FUT	36,001	48,307	-25.5%	35,290	2.0%
HDD EURO SEASONAL STRIP	0	2,375	-100.0%	0	-
HDD SEASONAL STRIP	0	3,750	-100.0%	0	-
HDD WEATHER	250	1,675	-85.1%	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	194,090	205,478	-5.5%	205,283	-5.5%
HOUSING INDEX	69	66	4.5%	60	15.0%
KC WHEAT	213,428	153,003	39.5%	190,640	12.0%
LUMBER	7,538	3,041	147.9%	7,034	7.2%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	22,761	28,802	-21.0%	17,018	33.7%
MINI CORN	8,222	16,820	-51.1%	8,595	-4.3%
MINI SOYBEAN	18,586	25,055	-25.8%	22,756	-18.3%
MINI WHEAT	4,311	3,226	33.6%	3,645	18.3%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	9,592	8,895	7.8%	8,082	18.7%
OATS	3,987	3,909	2.0%	4,267	-6.6%
OTC SP GSCI ER SWAP	38,449	0	-	58,917	-34.7%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	596	1,026	-41.9%	621	-4.0%
ROUGH RICE	11,069	8,608	28.6%	11,515	-3.9%
SOYBEAN	793,392	678,453	16.9%	705,688	12.4%
SOYBEAN MEAL	468,649	367,048	27.7%	455,132	3.0%
SOYBEAN OIL	424,346	403,384	5.2%	456,597	-7.1%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-
USD CRUDE PALM OIL	48,509	50,913	-4.7%	41,211	17.7%
WHEAT	1,225	1,412	-13.2%	1,525	-19.7%

Ag Products Options

AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-
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CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2023	Open Interest SEP 2022	% CHG	Open Interest AUG 2023	% CHG
Ag Products Options					
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
BLOCK CHEESE	2,121	1,444	46.9%	1,263	67.9%
BUTTER CS	8,701	7,438	17.0%	7,594	14.6%
CASH-SETTLED CHEESE	31,845	35,663	-10.7%	26,097	22.0%
CATTLE	290,623	255,336	13.8%	277,923	4.6%
CDD SEASONAL STRIP	31,000	5,000	520.0%	82,200	-62.3%
CDD WEATHER	53,000	0	-	66,500	-20.3%
CHI WHEAT	310,876	317,865	-2.2%	260,043	19.5%
CLASS IV MILK	35,897	43,812	-18.1%	29,009	23.7%
CORN	1,256,778	1,652,304	-23.9%	1,276,868	-1.6%
CORN NEARBY+2 CAL SPRD	12,262	27,558	-55.5%	10,350	18.5%
DEC-DEC CORN CAL SPRD	2,543	0	-	2,545	-0.1%
DEC-JUL SOYBEAN MEAL CSO	210	0	-	200	5.0%
DEC-JULY CORN CAL SPRD	12,456	8,855	40.7%	12,346	0.9%
DEC-JULY WHEAT CAL SPRD	80	0	-	80	0.0%
DRY WHEY	1,448	2,570	-43.7%	1,187	22.0%
FEEDER CATTLE	61,534	33,466	83.9%	85,249	-27.8%
HDD EURO SEASONAL STRIP	28,000	4,750	489.5%	28,000	0.0%
HDD SEASONAL STRIP	47,500	2,500	1,800.0%	42,500	11.8%
HDD WEATHER	18,025	7,500	140.3%	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	379,821	247,919	53.2%	330,164	15.0%
Intercommodity Spread	0	0	-	0	-
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	6,854	12,636	-45.8%	6,254	9.6%
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	4,320	1,450	197.9%	2,610	65.5%
KC WHEAT	47,061	50,867	-7.5%	41,364	13.8%
LUMBER	1,051	307	242.3%	310	239.0%
LV CATL CSO	0	0	-	0	-
MAR-DEC CORN CAL SPRD	0	0	-	0	-
MAR-JULY CORN CAL SPRD	7,442	13,885	-46.4%	3,870	92.3%
MAR-JULY SOYBEAN CAL SPRD	100	600	-83.3%	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	81,936	113,028	-27.5%	72,764	12.6%
MLK MID OPTIONS	11	14	-21.4%	8	37.5%
NFD MILK	18,463	13,271	39.1%	13,759	34.2%
NOV-JULY SOYBEAN CAL SPRD	950	3,160	-69.9%	200	375.0%
NOV-MAR SOYBEAN CSO	3,244	0	-	1,840	76.3%
OATS	764	513	48.9%	580	31.7%
PORK CUTOUT	104	0	-	104	0.0%
ROUGH RICE	2,476	1,367	81.1%	1,872	32.3%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-
SOYBEAN	699,718	546,060	28.1%	651,509	7.4%
SOYBEAN CRUSH	0	55	-100.0%	0	-
SOYBEAN MEAL	151,563	154,170	-1.7%	145,181	4.4%
SOYBEAN OIL	160,834	151,220	6.4%	157,135	2.4%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2023	Open Interest SEP 2022	% CHG	Open Interest AUG 2023	% CHG
Ag Products Options					
SOYBN NEARBY+2 CAL SPRD	2,879	4,755	-39.5%	1,939	48.5%
SOYMEAL NEARBY+2 CAL SPRD	800	0	-	840	-4.8%
SOY OIL NEARBY+2 CAL SPRD	0	1,100	-100.0%	0	-
WHEAT	389	25	1,456.0%	79	392.4%
WHEAT-CORN IC50	65	1,732	-96.2%	20	225.0%
WHEAT NEARBY+2 CAL SPRD	730	1,545	-52.8%	330	121.2%
TOTAL FUTURES GROUP					
Interest Rate Futures	31,797,872	31,806,071	0.0%	31,990,914	-0.6%
Equity Index Futures	4,329,147	4,581,749	-5.5%	4,803,400	-9.9%
Metals Futures	1,029,805	952,727	8.1%	1,016,658	1.3%
Energy Futures	6,467,375	5,948,419	8.7%	6,457,958	0.1%
FX Futures	2,138,500	1,939,057	10.3%	2,209,484	-3.2%
Ag Products Futures	4,766,518	4,122,076	15.6%	4,412,569	8.0%
TOTAL FUTURES	50,529,217	49,350,099	2.4%	50,890,983	-0.7%
TOTAL OPTIONS GROUP					
Interest Rate Options	40,505,377	40,694,873	-0.5%	43,561,612	-7.0%
Equity Index Options	5,732,700	5,127,433	11.8%	6,128,035	-6.5%
Metals Options	1,071,862	1,014,977	5.6%	1,000,808	7.1%
Energy Options	6,077,609	6,294,755	-3.4%	6,253,240	-2.8%
FX Options	706,672	989,594	-28.6%	764,226	-7.5%
Ag Products Options	3,776,474	3,725,740	1.4%	3,642,686	3.7%
TOTAL OPTIONS	57,870,694	57,847,372	0.0%	61,350,607	-5.7%
TOTAL COMBINED					
Interest Rate	72,303,249	72,500,944	-0.3%	75,552,526	-4.3%
Equity Index	10,061,847	9,709,182	3.6%	10,931,435	-8.0%
Metals	2,101,667	1,967,704	6.8%	2,017,466	4.2%
Energy	12,544,984	12,243,174	2.5%	12,711,198	-1.3%
FX	2,845,172	2,928,651	-2.9%	2,973,710	-4.3%
Ag Products	8,542,992	7,847,816	8.9%	8,055,255	6.1%
GRAND TOTAL	108,399,911	107,197,471	1.1%	112,241,590	-3.4%

*** Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.