



CME Group Exchange Open Interest Report - Monthly

	Open Interest OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 2023	% CHG
Interest Rate Futures					
10-YR Eris LIBOR	0	65,055	-100.0%	0	-
10-YR Eris SOFR	66,533	2,031	3,175.9%	66,272	0.4%
10-YR MAC LIBOR	0	16,286	-100.0%	0	-
10-YR MAC SOFR	0	0	-	0	-
10-YR NOTE	4,691,536	3,972,150	18.1%	4,742,137	-1.1%
10Y YIELD	3,413	3,380	1.0%	5,401	-36.8%
13-Week U.S. T-Bill Futures	3,771	0	-	0	-
15-YR Eris LIBOR	0	0	-	0	-
1-MONTH EURODOLLAR	0	12,000	-100.0%	0	-
1-YR Eris BSBY	0	0	-	0	-
1-YR Eris SOFR	7,303	14,327	-49.0%	7,303	0.0%
20-YR BOND	35	694	-95.0%	32	9.4%
20-YR Eris LIBOR	0	0	-	0	-
2-YR Eris LIBOR	0	87,277	-100.0%	0	-
2-YR Eris SOFR	17,708	5,617	215.3%	19,000	-6.8%
2-YR NOTE	4,188,473	2,237,420	87.2%	3,922,314	6.8%
2Y YIELD	585	1,071	-45.4%	804	-27.2%
30-Year UMBS TBA Futures - 2.5%	0	0	-	50	-100.0%
30-Year UMBS TBA Futures - 3.0%	93	0	-	401	-76.8%
30-Year UMBS TBA Futures - 3.5%	61	0	-	439	-86.1%
30-Year UMBS TBA Futures - 4.0%	139	0	-	965	-85.6%
30-Year UMBS TBA Futures - 4.5%	175	0	-	305	-42.6%
30-Year UMBS TBA Futures - 5.0%	263	0	-	164	60.4%
30-Year UMBS TBA Futures - 5.5%	421	0	-	337	24.9%
30-Year UMBS TBA Futures - 6.0%	1,087	0	-	990	9.8%
30-YR BOND	1,377,938	1,211,620	13.7%	1,409,280	-2.2%
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	259	590	-56.1%	182	42.3%
3-YR Eris BSBY	0	0	-	0	-
3-YR Eris LIBOR	0	29,021	-100.0%	0	-
3-YR Eris SOFR	13,422	13,387	0.3%	16,524	-18.8%
3-YR NOTE	10,695	9,202	16.2%	12,613	-15.2%
4-YR Eris LIBOR	0	7,518	-100.0%	0	-
4-YR Eris SOFR	5,885	1,844	219.1%	5,570	5.7%
5-YR Eris LIBOR	0	17,048	-100.0%	0	-
5-YR Eris SOFR	29,123	2,311	1,160.2%	25,130	15.9%
5-YR MAC LIBOR	0	9,016	-100.0%	0	-
5-YR MAC SOFR	0	0	-	0	-
5-YR NOTE	5,746,137	4,125,183	39.3%	5,578,262	3.0%
5Y YIELD	2	112	-98.2%	4	-50.0%
7-YR Eris LIBOR	0	20,302	-100.0%	0	-
7-YR Eris SOFR	16,008	1,224	1,207.8%	15,936	0.5%
BSBY 3-MONTH FUTURES	2,982	13,316	-77.6%	3,029	-1.6%
ESTR Basis Spread Futures	909	9	10,000.0%	1,066	-14.7%
ESTR Futures	21,611	9	240,022.2%	15,287	41.4%
EURODOLLARS	0	7,929,580	-100.0%	0	-
FED FUND	2,028,290	1,720,269	17.9%	1,762,785	15.1%
FTIIE	232	116	100.0%	248	-6.5%

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Interest Rate Futures					
SOFR	11,557,491	8,096,473	42.7%	10,738,748	7.6%
SONIA	2,206	7,073	-68.8%	2,206	0.0%
UBSBM	40	0	-	30	33.3%
Ultra 10-Year Note	2,012,883	1,402,316	43.5%	1,883,783	6.9%
ULTRA T-BOND	1,560,619	1,453,774	7.3%	1,558,002	0.2%
Interest Rate Options					
10-YR NOTE	2,759,025	2,528,808	9.1%	2,475,575	11.4%
2-YR NOTE	291,263	152,573	90.9%	291,569	-0.1%
30-YR BOND	691,891	584,681	18.3%	704,635	-1.8%
5-YR NOTE	1,173,294	1,201,029	-2.3%	1,201,087	-2.3%
EURODOLLARS	0	18,140,050	-100.0%	0	-
EURO MIDCURVE	0	3,206,246	-100.0%	0	-
FED FUND	0	4,001	-100.0%	0	-
SOFR	33,082,601	13,851,146	138.8%	29,550,965	12.0%
SOFR MIDCURVE	6,840,934	3,906,868	75.1%	6,275,525	9.0%
SOFR MISCURVE	0	0	-	0	-
Ultra 10-Year Note	13,183	50	26,266.0%	423	3,016.5%
ULTRA T-BOND	11,065	1,297	753.1%	5,598	97.7%
Equity Index Futures					
BITCOIN	19,603	13,163	48.9%	15,014	30.6%
DJ US REAL ESTATE SECTOR	38,887	49,566	-21.5%	48,895	-20.5%
E-mini (\$5) Dow	103,936	76,166	36.5%	94,019	10.5%
E-mini FTSE China 50	0	0	0.0%	0	-
E-MINI MIDCAP	39,837	48,562	-18.0%	38,842	2.6%
E-MINI NASDAQ 100	259,306	283,319	-8.5%	244,429	6.1%
E-MINI RUSSELL 1000	6,680	10,857	-38.5%	6,196	7.8%
E-MINI RUSSELL 1000 GROWTH	6,547	6,565	-0.3%	5,319	23.1%
E-MINI RUSSELL 1000 VALUE	20,252	15,877	27.6%	15,808	28.1%
E-MINI RUSSELL 2000	559,075	516,019	8.3%	477,415	17.1%
E-MINI S&P500	2,174,689	2,353,982	-7.6%	2,117,920	2.7%
E-MINI S&P500 ESG	14,763	14,574	1.3%	16,811	-12.2%
ETHER	0	0	-	0	-
ETHER FUTURES	4,127	4,416	-6.5%	4,577	-9.8%
FT-SE 100	0	0	-	0	-
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	12	17	-29.4%	12	0.0%
MICRO BITCOIN	7,862	26,326	-70.1%	9,569	-17.8%
MICRO E-MINI NASDAQ 100	110,189	132,854	-17.1%	77,337	42.5%
MICRO E-MINI RUSSELL 2000	23,021	24,582	-6.4%	18,345	25.5%
MICRO E-MINI S&P500	184,925	172,083	7.5%	128,145	44.3%
MICRO ETHER	16,495	51,055	-67.7%	14,764	11.7%
MICRO MINI \$5 DOW	25,224	29,636	-14.9%	19,784	27.5%
NASDAQ-100 VOLATILITY	0	21	-100.0%	0	-
NASDAQ BIOTECH SECTOR	9	223	-96.0%	14	-35.7%
Nearby BTIC+	0	0	0.0%	0	-

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Equity Index Futures					
NIKKEI 225 (\$) STOCK	14,806	12,969	14.2%	15,378	-3.7%
NIKKEI 225 (YEN) STOCK	54,581	50,717	7.6%	51,265	6.5%
PHLX SEMICONDUCTOR SECTO	2,278	255	793.3%	2,966	-23.2%
S&P 500	484,658	353,200	37.2%	457,828	5.9%
S&P 500 ANNUAL DIVIDEND IND	246,086	270,946	-9.2%	235,328	4.6%
S&P 500 QUARLY DIVIDEND IND	43,161	12,142	255.5%	39,447	9.4%
S&P 600 SMALLCAP EMINI	787	0	-	559	40.8%
S&P BIOTECHNOLOGY SECTOR	357	134	166.4%	436	-18.1%
S&P COMMUNICATION SERVICE	7,791	2,926	166.3%	5,440	43.2%
S&P CONSUMER DISCRETIONAR	6,797	4,414	54.0%	6,061	12.1%
S&P CONSUMER STAPLES SECT	21,899	14,149	54.8%	17,286	26.7%
S&P ENERGY SECTOR	29,770	31,461	-5.4%	25,324	17.6%
S&P FINANCIAL SECTOR	35,731	24,793	44.1%	33,565	6.5%
S&P HEALTH CARE SECTOR	12,792	13,883	-7.9%	11,246	13.7%
S&P INDUSTRIAL SECTOR	14,057	13,299	5.7%	11,790	19.2%
S&P MATERIALS SECTOR	19,853	7,059	181.2%	5,919	235.4%
S&P OIL & GAS EXPLORATION A	676	71	852.1%	681	-0.7%
S&P REAL ESTATE SECTOR	7,233	5,761	25.6%	7,297	-0.9%
S&P REGIONAL BANKS SECTOR	1,649	145	1,037.2%	1,656	-0.4%
S&P RETAIL SECTOR	298	59	405.1%	192	55.2%
S&P TECHNOLOGY SECTOR	11,655	10,746	8.5%	11,312	3.0%
S&P UTILITIES SECTOR	34,539	12,375	179.1%	34,909	-1.1%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	38	123	-69.1%	46	-17.4%
WATER INDEX FUTURES	2	0	-	1	100.0%
Equity Index Options					
BITCOIN OPTIONS	6,921	3,724	85.8%	9,250	-25.2%
DJIA	0	0	0.0%	0	0.0%
E-mini (\$5) Dow	175	1,383	-87.3%	60	191.7%
E-MINI NASDAQ 100	219,754	178,440	23.2%	234,618	-6.3%
E-MINI RUSSELL 2000	35,609	45,952	-22.5%	28,573	24.6%
E-MINI S&P500	6,077,948	4,816,684	26.2%	5,328,484	14.1%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	3,872	354	993.8%	4,514	-14.2%
EVENT CONTRACT S&P 500	0	0	-	0	0.0%
MICRO BITCOIN	6,390	4,044	58.0%	10,848	-41.1%
MICRO E-MINI NASDAQ 100	7,173	5,348	34.1%	7,858	-8.7%
Micro E-mini S&P 500	140,813	52,402	168.7%	82,919	69.8%
MICRO ETHER	16,100	74,959	-78.5%	25,576	-37.1%
S&P 500	0	0	-	0	-

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Metals Futures					
ALUMINUM	61,355	62,287	-1.5%	57,271	7.1%
COBALT METAL FUTURES	19,330	8,258	134.1%	19,970	-3.2%
COMEX COPPER	222,566	180,740	23.1%	208,646	6.7%
COMEX E-Mini GOLD	1,132	1,937	-41.6%	1,175	-3.7%
COMEX E-Mini SILVER	426	413	3.1%	451	-5.5%
COMEX GOLD	475,808	464,625	2.4%	432,570	10.0%
COMEX MINY COPPER	378	483	-21.7%	367	3.0%
COMEX SILVER	126,549	139,157	-9.1%	127,882	-1.0%
COPPER	11,912	15,763	-24.4%	12,870	-7.4%
FERROUS PRODUCTS	4,091	6,986	-41.4%	4,008	2.1%
GOLD	417	1,059	-60.6%	212	96.7%
HOT ROLLED COIL STEEL FUTU	6,405	6,137	4.4%	5,733	11.7%
IRON ORE CHINA	1,158	2,570	-54.9%	1,343	-13.8%
LITHIUM CARBONATE FUTURES	0	0	-	0	-
METALS	9,943	270	3,582.6%	7,547	31.7%
MICRO GOLD	31,025	23,785	30.4%	31,323	-1.0%
MOLYBDENUM OXIDE FUTURES	600	0	-	582	3.1%
NYMEX HOT ROLLED STEEL	17,963	22,388	-19.8%	18,700	-3.9%
NYMEX PLATINUM	74,768	56,940	31.3%	74,785	0.0%
PALLADIUM	22,943	8,374	174.0%	17,329	32.4%
SILVER	8,664	6,240	38.8%	7,041	23.1%
URANIUM	1	800	-99.9%	0	-
Metals Options					
ALUMINUM	1,148	309	271.5%	1,200	-4.3%
COMEX COPPER	92,678	79,313	16.9%	78,971	17.4%
COMEX GOLD	969,523	791,784	22.4%	817,755	18.6%
COMEX SILVER	113,304	129,245	-12.3%	96,919	16.9%
COPPER	5,467	765	614.6%	3,265	67.4%
GOLD	36,597	27,467	33.2%	50,228	-27.1%
IRON ORE CHINA	360	300	20.0%	0	-
NYMEX HOT ROLLED STEEL	7,975	4,971	60.4%	6,394	24.7%
NYMEX PLATINUM	13,020	2,519	416.9%	9,610	35.5%
PALLADIUM	1,126	6	18,666.7%	1,002	12.4%
SILVER	7,358	3,383	117.5%	6,518	12.9%
Energy Futures					
AEP-DAYTON HUB DAILY	0	10	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	4,810	8,085	-40.5%	4,965	-3.1%
ARGUS PROPAN FAR EST INDE	8,048	5,299	51.9%	7,061	14.0%
ARGUS PROPAN(SAUDI ARAMC	2,601	1,802	44.3%	2,219	17.2%
BRENT BALMO SWAP	0	0	-	0	-
BRENT CALENDAR SWAP	22,440	39,111	-42.6%	24,753	-9.3%
BRENT FINANCIAL FUTURES	220	10	2,100.0%	220	0.0%
BRENT OIL LAST DAY	139,933	162,859	-14.1%	135,923	3.0%
CAR VINTAGE	21,959	21,358	2.8%	23,239	-5.5%
CEU ENERGY	107	0	-	330	-67.6%

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Energy Futures					
CHICAGO ETHANOL SWAP	41,645	27,333	52.4%	41,916	-0.6%
CHICAGO ULSD PL VS HO SPR	1,905	1,432	33.0%	1,925	-1.0%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-
CONWAY NATURAL GASOLINE (361	986	-63.4%	423	-14.7%
CONWAY NORMAL BUTANE (OPI	3,164	1,341	135.9%	1,828	73.1%
CONWAY PROPANE 5 DECIMALS	29,672	29,582	0.3%	30,844	-3.8%
CRUDE OIL	0	0	-	0	-
CRUDE OIL LAST DAY	300	0	-	600	-50.0%
CRUDE OIL OUTRIGHTS	288,556	147,621	95.5%	296,208	-2.6%
CRUDE OIL PHY	1,693,175	1,512,147	12.0%	1,787,426	-5.3%
CRUDE OIL SPRDS	213,572	150,852	41.6%	219,547	-2.7%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	0	5,064	-100.0%	0	-
DATED TO FRONTLINE BRENT	555	2,295	-75.8%	740	-25.0%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	1,700	500	240.0%	200	750.0%
DUTCH TTF NATURAL GAS CAL	9,087	3,524	157.9%	4,791	89.7%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	1,872	568	229.6%	1,438	30.2%
ELEC FINSETTLED	0	0	-	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-
EMMISSIONS	121	161	-24.8%	117	3.4%
ETHANOL	0	0	-	0	-
ETHANOL SWAP	735	590	24.6%	655	12.2%
ETHANOL T2 FOB ROTT INCL DU	8,588	7,443	15.4%	6,352	35.2%
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	90	483	-81.4%	120	-25.0%
EUROPE 1% FUEL OIL NWE CA	0	15	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	76	124	-38.7%	42	81.0%
EUROPEAN GASOIL (ICE)	266	1,916	-86.1%	301	-11.6%
EUROPEAN NAPHTHA BALMO	0	5	-100.0%	33	-100.0%
EUROPEAN NAPHTHA CRACK SP	7,812	4,366	78.9%	7,487	4.3%
EUROPE DATED BRENT SWAP	0	1	-100.0%	0	-
EUROPE JET KERO NWE CALSW	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	1,515	576	163.0%	1,248	21.4%
EURO PROPANE CIF ARA SWA	2,955	3,217	-8.1%	2,767	6.8%
FREIGHT MARKETS	387	1,510	-74.4%	387	0.0%
FUEL OIL CRACK VS ICE	9	261	-96.6%	13	-30.8%
FUEL OIL NWE CRACK VS ICE	30	45	-33.3%	30	0.0%
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	967	297	225.6%	1,120	-13.7%
GAS EURO-BOB OXY NWE BARG	6,548	6,001	9.1%	7,431	-11.9%
GASOIL 0.1CIF MED VS ICE	0	15	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	1	12	-91.7%	1	0.0%
GASOIL 10PPM VS ICE SWAP	12	12	0.0%	12	0.0%
GASOIL CALENDAR SWAP	59	170	-65.3%	40	47.5%

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Energy Futures					
GASOIL CRACK SPREAD CALEN	420	1,518	-72.3%	454	-7.5%
GASOIL MINI CALENDAR SWAP	499	369	35.2%	545	-8.4%
GERMAN POWER BASELOAD CA	0	54	-100.0%	0	-
GRP THREE ULSD(PLT)VS HEA	5,597	5,734	-2.4%	7,471	-25.1%
GRP THREE UNL GS (PLT) VS	4,751	2,305	106.1%	3,681	29.1%
GULF COAST 3% FUEL OIL BA	0	0	-	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-
GULF COAST JET VS NYM 2 H	13,097	9,182	42.6%	14,646	-10.6%
GULF COAST NO.6 FUEL OIL	19,095	19,037	0.3%	17,331	10.2%
GULF COAST ULSD CALENDAR	1,939	534	263.1%	1,483	30.7%
GULF COAST ULSD CRACK SPR	0	0	-	0	-
HEATING OIL BALMO CLNDR S	79	87	-9.2%	246	-67.9%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	299,928	267,116	12.3%	328,204	-8.6%
HENRY HUB SWAP	402,862	447,654	-10.0%	411,082	-2.0%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-
HTG OIL	105	117	-10.3%	114	-7.9%
ICE BRENT DUBAI SWAP	75	705	-89.4%	75	0.0%
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	608	336	81.0%	700	-13.1%
JAPAN NAPHTHA BALMO SWAP	0	0	-	23	-100.0%
JET CIF NWE VS ICE	252	729	-65.4%	328	-23.2%
JET FUEL UP-DOWN BALMO CL	1,325	245	440.8%	1,063	24.6%
JKM LNG Futures	30	946	-96.8%	60	-50.0%
LA CARB DIESEL (OPIS) SWA	240	399	-39.8%	391	-38.6%
LA CARBOB GASOLINE(OPIS)S	0	0	-	0	-
LA JET (OPIS) SWAP	825	100	725.0%	1,065	-22.5%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	411	1,725	-76.2%	468	-12.2%
LTD NAT GAS	349,700	363,167	-3.7%	349,359	0.1%
MARS (ARGUS) VS WTI SWAP	0	375	-100.0%	0	-
MARS (ARGUS) VS WTI TRD M	4,427	9,985	-55.7%	7,564	-41.5%
MCCLOSKEY ARA ARGS COAL	6,300	9,076	-30.6%	5,981	5.3%
MCCLOSKEY RCH BAY COAL	66	474	-86.1%	74	-10.8%
MGN1 SWAP FUT	0	0	-	0	-
MINI GAS EUROBOB OXY NWE A	0	0	-	0	-
MINI RBOB V. EBOBARG NWE BF	0	0	-	100	-100.0%
MINI RBOB V. EBOB(ARGUS) NW	309	190	62.6%	367	-15.8%
MINY HTG OIL	1	1	0.0%	0	0.0%
MINY NATURAL GAS	5,769	5,018	15.0%	7,192	-19.8%
MINY RBOB GAS	1	0	0.0%	0	-
MINY WTI CRUDE OIL	4,532	8,289	-45.3%	2,362	91.9%
MJC FUT	60	0	-	30	100.0%
MNC FUT	1,347	2,484	-45.8%	1,526	-11.7%
MONT BELVIEU ETHANE 5 DECI	51,684	42,800	20.8%	52,551	-1.6%
MONT BELVIEU ETHANE OPIS B	1,230	220	459.1%	260	373.1%
MONT BELVIEU LDH PROPANE 5	160,450	134,806	19.0%	155,510	3.2%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
MONT BELVIEU LDH PROPANE C	2,679	1,403	90.9%	777	244.8%
MONT BELVIEU NATURAL GASO	32,095	37,626	-14.7%	32,272	-0.5%
MONT BELVIEU NATURAL GASO	590	2,477	-76.2%	865	-31.8%
MONT BELVIEU NORMAL BUTAN	73,094	61,340	19.2%	75,639	-3.4%
MONT BELVIEU NORMAL BUTAN	1,424	2,142	-33.5%	389	266.1%
NATURAL GAS	170,862	198,540	-13.9%	159,082	7.4%
NATURAL GAS PEN SWP	127,608	182,907	-30.2%	120,000	6.3%
NATURAL GAS PHY	1,186,140	977,718	21.3%	1,160,913	2.2%
NEPOOL INTR HUB 5MW D AH	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	0	33	-100.0%	0	-
NEW YORK ETHANOL SWAP	605	1,265	-52.2%	1,435	-57.8%
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	10,857	8,100	34.0%	10,410	4.3%
NY HARBOR LOW SULPUR GAS	0	150	-100.0%	0	-
NY HARBOR RESIDUAL FUEL 1	0	175	-100.0%	0	-
NYH NO 2 CRACK SPREAD CAL	20,359	8,522	138.9%	20,785	-2.0%
NYISO CAPACITY	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	0	525	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING	3,256	2,694	20.9%	3,248	0.2%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-
PETROCHEMICALS	13,032	11,435	14.0%	12,278	6.1%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	25,829	24,404	5.8%	23,852	8.3%
PETRO CRK&SPRD EURO	1,956	2,215	-11.7%	2,094	-6.6%
PETROLEUM PRODUCTS	6,334	12,055	-47.5%	7,286	-13.1%
PETROLEUM PRODUCTS ASIA	1,323	990	33.6%	1,463	-9.6%
PETRO OUTRIGHT EURO	12,990	15,656	-17.0%	13,091	-0.8%
PETRO OUTRIGHT NA	5,651	4,653	21.4%	5,870	-3.7%
PJM AD HUB 5MW REAL TIME	0	4,175	-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	35,685	-100.0%	0	-
PJM WESTH RT PEAK	2,583	11,806	-78.1%	3,969	-34.9%
PLASTICS	4,668	4,038	15.6%	4,002	16.6%
PREMIUM UNLD 10P FOB MED	0	51	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) B	2,540	2,084	21.9%	710	257.7%
PROPANE NON-LDH MT. BEL (OF	60,763	34,239	77.5%	65,009	-6.5%
RBOB CALENDAR SWAP	14,275	16,935	-15.7%	15,806	-9.7%
RBOB CRACK SPREAD	8,216	9,758	-15.8%	9,191	-10.6%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GAS	78	79	-1.3%	84	-7.1%
RBOB GASOLINE BALMO CLNDR	136	647	-79.0%	610	-77.7%
RBOB PHY	314,818	228,385	37.8%	322,391	-2.3%
RBOB VS HEATING OIL SWAP	105	375	-72.0%	130	-19.2%
SINGAPORE 180CST BALMO	0	0	-	5	-100.0%

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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	494	90	448.9%	406	21.7%
SINGAPORE FUEL 180CST CAL	23	3	666.7%	9	155.6%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	9	102	-91.2%	33	-72.7%
SINGAPORE GASOIL	320	544	-41.2%	337	-5.0%
SINGAPORE GASOIL CALENDAR	132	130	1.5%	219	-39.7%
SINGAPORE GASOIL SWAP	348	500	-30.4%	1,572	-77.9%
SINGAPORE GASOIL VS ICE	561	3,225	-82.6%	748	-25.0%
SINGAPORE JET KERO GASOIL	543	2,703	-79.9%	700	-22.4%
SINGAPORE JET KEROSENE SW	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	100	0	-	222	-55.0%
TC2 ROTTERDAM TO USAC 37K	72	240	-70.0%	72	0.0%
TC5 RAS TANURA TO YOKOHAM	30	219	-86.3%	40	-25.0%
TD3 MEG TO JAPAN 250K MT	1,455	2,420	-39.9%	1,520	-4.3%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	2,324	6,442	-63.9%	3,575	-35.0%
UP DOWN GC ULSD VS NMX HO	33,348	26,420	26.2%	37,479	-11.0%
WTI-BRENT BULLET SWAP	0	0	-	0	-
WTI-BRENT CALENDAR SWAP	168,407	121,409	38.7%	167,635	0.5%
WTI CALENDAR	164,257	166,003	-1.1%	162,300	1.2%
WTI MIDLAND CRUDE OIL	340	750	-54.7%	680	-50.0%
WTS (ARGUS) VS WTI SWAP	27,565	23,361	18.0%	28,045	-1.7%
WTS (ARGUS) VS WTI TRD MT	469	3,595	-87.0%	938	-50.0%

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CME Group Exchange Open Interest Report - Monthly

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Energy Options					
BRENT CALENDAR SWAP	2,830	1,860	52.2%	3,150	-10.2%
BRENT CRUDE OIL 1 M CSO	10,000	42,300	-76.4%	7,050	41.8%
BRENT OIL LAST DAY	15,337	49,432	-69.0%	39,000	-60.7%
COAL API2 INDEX	460	365	26.0%	460	0.0%
CRUDE OIL	0	0	-	0	-
CRUDE OIL 1MO	201,650	115,382	74.8%	209,075	-3.6%
CRUDE OIL APO	197,361	178,059	10.8%	198,193	-0.4%
CRUDE OIL CALNDR STRIP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0.0%
CRUDE OIL PHY	2,566,924	2,993,514	-14.3%	2,351,109	9.2%
ELEC FINSETTLED	0	0	-	0	-
ETHANOL SWAP	7,103	3,652	94.5%	7,784	-8.7%
FREIGHT MARKETS	0	30	-100.0%	0	-
HEATING OIL CRK SPD AVG PRI	0	1,000	-100.0%	0	-
HEATING OIL PHY	22,279	22,958	-3.0%	16,917	31.7%
HENRY HUB FINANCIAL LAST	106,271	22,733	367.5%	85,548	24.2%
HO 1 MONTH CLNDR OPTIONS	8,850	950	831.6%	14,500	-39.0%
LLS CRUDE OIL	3,475	5,850	-40.6%	3,950	-12.0%
MCCLOSKEY ARA ARGS COAL	0	60	-100.0%	0	-
NATURAL GAS	41	0	-	1,417	-97.1%
NATURAL GAS 1 M CSO FIN	125,453	113,750	10.3%	131,378	-4.5%
NATURAL GAS 2 M CSO FIN	1,000	0	-	1,000	0.0%
NATURAL GAS 3 M CSO FIN	3,000	1,200	150.0%	0	-
NATURAL GAS 5 M CSO FIN	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	350	8,500	-95.9%	0	-
NATURAL GAS OPT	0	250	-100.0%	0	-
NATURAL GAS OPTION ON CALE	224	7,784	-97.1%	224	0.0%
NATURAL GAS PHY	2,965,676	2,903,193	2.2%	2,687,910	10.3%
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NY HARBOR HEAT OIL SWP	14,839	8,619	72.2%	16,825	-11.8%
PETROCHEMICALS	1,446	4,038	-64.2%	1,707	-15.3%
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT NA	60	435	-86.2%	70	-14.3%
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	0.0%	0	-
RBOB CALENDAR SWAP	72	393	-81.7%	108	-33.3%
RBOB PHY	380	6,330	-94.0%	1,327	-71.4%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	0	-
WTI-BRENT BULLET SWAP	144,715	153,950	-6.0%	145,002	-0.2%
WTI CRUDE OIL 1 M CSO FI	160,355	152,275	5.3%	153,905	4.2%
FX Futures					
AD/CD CROSS RATES	0	46	-100.0%	0	-
AD/JY CROSS RATES	656	977	-32.9%	611	7.4%
AD/NE CROSS RATES	9,499	8,740	8.7%	5,521	72.1%
AUSTRALIAN DOLLAR	196,866	169,665	16.0%	204,280	-3.6%

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CME Group Exchange Open Interest Report - Monthly

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FX Futures					
BP/JY CROSS RATES	2,167	2,078	4.3%	2,351	-7.8%
BP/SF CROSS RATES	2,024	2,840	-28.7%	2,587	-21.8%
BRAZIL REAL	67,068	58,851	14.0%	52,710	27.2%
BRITISH POUND	229,991	248,614	-7.5%	240,464	-4.4%
CANADIAN DOLLAR	198,528	143,984	37.9%	179,559	10.6%
CD/JY CROSS RATES	45	73	-38.4%	38	18.4%
CHILEAN PESO	0	0	-	0	-
CHINESE RENMINBI (CNH)	7,090	9,497	-25.3%	8,041	-11.8%
CZECK KORUNA (EC)	0	0	-	0	-
CZECK KORUNA (US)	12	4	200.0%	3	300.0%
EC/AD CROSS RATES	4,617	2,692	71.5%	4,314	7.0%
EC/CD CROSS RATES	4,096	3,984	2.8%	3,820	7.2%
EC/NOK CROSS RATES	1,661	3,432	-51.6%	500	232.2%
EC/SEK CROSS RATES	5,135	1,695	202.9%	5,310	-3.3%
EFX/BP CROSS RATES	30,755	30,477	0.9%	29,236	5.2%
EFX/JY CROSS RATES	17,803	20,335	-12.5%	18,110	-1.7%
EFX/SF CROSS RATES	10,161	12,752	-20.3%	14,125	-28.1%
E-MICRO USD/CAD	43	19	126.3%	35	22.9%
E-MICRO USD/CHF	47	13	261.5%	29	62.1%
E-MICRO USD/JPY	378	191	97.9%	257	47.1%
E-MINI EURO FX	9,993	12,286	-18.7%	9,833	1.6%
E-MINI JAPANESE YEN	1,801	4,757	-62.1%	1,302	38.3%
EURO FX	694,962	669,995	3.7%	699,106	-0.6%
HUNGARIAN FORINT (EC)	5	1	400.0%	3	66.7%
HUNGARIAN FORINT (US)	0	1	-100.0%	0	-
INDIAN RUPEE	1,610	1,632	-1.3%	1,279	25.9%
JAPANESE YEN	277,272	265,851	4.3%	284,688	-2.6%
KOREAN WON	68	118	-42.4%	127	-46.5%
MEXICAN PESO	199,078	278,046	-28.4%	212,911	-6.5%
MICRO AUD/USD	5,835	3,581	62.9%	4,680	24.7%
MICRO CAD/USD	5,296	3,536	49.8%	2,917	81.6%
MICRO CHF/USD	2,640	1,649	60.1%	1,412	87.0%
MICRO EUR/USD	16,671	26,080	-36.1%	15,187	9.8%
MICRO GBP/USD	4,653	5,489	-15.2%	3,765	23.6%
MICRO INR/USD	5	31	-83.9%	17	-70.6%
MICRO JPY/USD	0	0	-	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	57,676	48,218	19.6%	55,843	3.3%
NKR/USD CROSS RATE	1,119	768	45.7%	1,519	-26.3%
POLISH ZLOTY (EC)	54	75	-28.0%	46	17.4%
POLISH ZLOTY (US)	201	519	-61.3%	205	-2.0%
RMB USD	0	0	-	0	-
RUSSIAN RUBLE	0	3	-100.0%	0	-
S.AFRICAN RAND	13,650	21,751	-37.2%	11,699	16.7%
SF/JY CROSS RATES	1,221	1,623	-24.8%	983	24.2%
SHEKEL	95	19	400.0%	52	82.7%
SKR/USD CROSS RATES	966	1,943	-50.3%	876	10.3%
SWISS FRANC	56,353	49,804	13.1%	58,087	-3.0%
TURKISH LIRA	52	75	-30.7%	52	0.0%
USDZAR	25	0	-	10	150.0%

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FX Options					
AUD/USD MONDAY OPTION WEE	79	4	1,875.0%	177	-55.4%
AUD/USD MONDAY OPTION WEE	0	8	-100.0%	67	-100.0%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	1	-100.0%
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	-
AUD/USD MONTHLY OPTIONS	51,893	59,497	-12.8%	61,607	-15.8%
AUD/USD THURSDAY WKLY OPT	2	0	-	2	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 THURSDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	55	0	-	27	103.7%
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	27	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	791	737	7.3%	868	-8.9%
AUD/USD WKLY FRIDAY OPTION	593	324	83.0%	872	-32.0%
AUD/USD WKLY FRIDAY OPTION	599	278	115.5%	571	4.9%
AUD/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%
AUD/USD WKLY WED OPTIONS -	33	338	-90.2%	293	-88.7%
AUD/USD WKLY WED OPTIONS -	97	53	83.0%	227	-57.3%
AUD/USD WKLY WED OPTIONS -	1	9	-88.9%	14	-92.9%
AUD/USD WKLY WED OPTIONS -	1	4	-75.0%	12	-91.7%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	60	10	500.0%	60	0.0%
CAD/USD MONDAY OPTIONS WE	26	685	-96.2%	683	-96.2%
CAD/USD MONDAY OPTIONS WE	153	207	-26.1%	43	255.8%
CAD/USD MONDAY OPTIONS WE	4	100	-96.0%	16	-75.0%
CAD/USD MONDAY OPTIONS WE	0	0	-	1,216	-100.0%
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	0	-
CAD/USD MONTHLY OPTIONS	83,978	197,242	-57.4%	78,809	6.6%
CAD/USD THURSDAY WKLY OPT	482	0	-	28	1,621.4%
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 THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD TUESDAY WKLY OPT	877	0	-	56	1,466.1%
CAD/USD TUESDAY WKLY OPT	0	0	-	205	-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	174	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	1,480	1,678	-11.8%	1,563	-5.3%
CAD/USD WKLY FRIDAY OPTION	1,136	891	27.5%	1,155	-1.6%
CAD/USD WKLY FRIDAY OPTION	788	354	122.6%	562	40.2%
CAD/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%
CAD/USD WKLY WED OPTIONS -	797	465	71.4%	490	62.7%
CAD/USD WKLY WED OPTIONS -	367	782	-53.1%	698	-47.4%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 2023	% CHG
FX Options					
CAD/USD WKLY WED OPTIONS -	203	236	-14.0%	1,141	-82.2%
CAD/USD WKLY WED OPTIONS -	0	4	-100.0%	1,460	-100.0%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	10,874	10,338	5.2%	10,574	2.8%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	43	1	4,200.0%	49	-12.2%
CHF/USD WKLY FRIDAY OPTION	691	0	-	7	9,771.4%
CHF/USD WKLY FRIDAY OPTION	156	1	15,500.0%	1	15,500.0%
CHF/USD WKLY FRIDAY OPTION	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	451	2,570	-82.5%	1,103	-59.1%
EUR/USD MONDAY OPTION WEE	1,252	686	82.5%	628	99.4%
EUR/USD MONDAY OPTION WEE	211	2	10,450.0%	401	-47.4%
EUR/USD MONDAY OPTION WEE	0	0	-	18	-100.0%
EUR/USD MONDAY OPTION WEE	0	0	0.0%	0	-
EUR/USD MONTHLY OPTIONS	303,322	380,083	-20.2%	286,192	6.0%
EUR/USD THURSDAY WKLY OPT	709	0	-	445	59.3%
EUR/USD THURSDAY WKLY OPT	2	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD TUESDAY WKLY OPT	69	0	-	71	-2.8%
EUR/USD TUESDAY WKLY OPT	0	0	-	1	-100.0%
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	101	3	3,266.7%	0	-
EUR/USD WKLY FRIDAY OPTION	5,131	5,155	-0.5%	7,983	-35.7%
EUR/USD WKLY FRIDAY OPTION	9,132	1,307	598.7%	1,022	793.5%
EUR/USD WKLY FRIDAY OPTION	2,028	524	287.0%	2,171	-6.6%
EUR/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%
EUR/USD WKLY WED OPTIONS -	7,028	6,144	14.4%	4,372	60.8%
EUR/USD WKLY WED OPTIONS -	2,155	2,372	-9.1%	2,853	-24.5%
EUR/USD WKLY WED OPTIONS -	222	21	957.1%	192	15.6%
EUR/USD WKLY WED OPTIONS -	108	63	71.4%	11	881.8%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
EVENT CONTRACT EUR/USD	0	0	0.0%	0	0.0%
GBP/USD MONDAY OPTION WEE	184	252	-27.0%	1,649	-88.8%
GBP/USD MONDAY OPTION WEE	1	8	-87.5%	21	-95.2%
GBP/USD MONDAY OPTION WEE	2	1	100.0%	297	-99.3%
GBP/USD MONDAY OPTION WEE	0	0	-	250	-100.0%
GBP/USD MONDAY OPTION WEE	0	0	0.0%	0	-
GBP/USD MONTHLY OPTIONS	110,917	119,106	-6.9%	106,035	4.6%
GBP/USD THURSDAY WKLY OPT	36	0	-	501	-92.8%
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 THURSDAY WKLY OPT	0	0	-	0	-
GBP/USD THURSDAY WKLY OPT	85	0	-	5	1,600.0%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 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	68	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	1,631	1,519	7.4%	2,685	-39.3%
GBP/USD WKLY FRIDAY OPTION	527	508	3.7%	1,041	-49.4%
GBP/USD WKLY FRIDAY OPTION	1,137	529	114.9%	668	70.2%
GBP/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%
GBP/USD WKLY WED OPTIONS -	496	1,701	-70.8%	1,261	-60.7%
GBP/USD WKLY WED OPTIONS -	62	14	342.9%	35	77.1%
GBP/USD WKLY WED OPTIONS -	0	26	-100.0%	205	-100.0%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	1,873	143	1,209.8%	1,366	37.1%
JPY/USD MONDAY OPTION WEE	10	263	-96.2%	512	-98.0%
JPY/USD MONDAY OPTION WEE	3	0	-	126	-97.6%
JPY/USD MONDAY OPTION WEE	0	0	-	46	-100.0%
JPY/USD MONDAY OPTION WEE	0	0	0.0%	0	-
JPY/USD MONTHLY OPTIONS	126,814	172,017	-26.3%	99,756	27.1%
JPY/USD THURSDAY WKLY OPT	281	0	-	506	-44.5%
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 THURSDAY WKLY OPT	0	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	5	0	-	1,081	-99.5%
JPY/USD TUESDAY WKLY OPT W	0	0	-	521	-100.0%
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	14	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	6,784	2,550	166.0%	3,890	74.4%
JPY/USD WKLY FRIDAY OPTION	1,726	1,631	5.8%	1,459	18.3%
JPY/USD WKLY FRIDAY OPTION	779	814	-4.3%	614	26.9%
JPY/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%
JPY/USD WKLY WED OPTIONS -	5,123	5,555	-7.8%	4,452	15.1%
JPY/USD WKLY WED OPTIONS -	1,586	1,894	-16.3%	1,132	40.1%
JPY/USD WKLY WED OPTIONS -	270	249	8.4%	33	718.2%
JPY/USD WKLY WED OPTIONS -	110	19	478.9%	50	120.0%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	13,772	1,388	892.2%	4,620	198.1%
MXN/USD WKLY FRIDAY OPTION	0	0	-	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	87	9,765	-99.1%	88	-1.1%
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	770	0	-	750	2.7%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 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 OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 2023	% CHG
Ag Products Futures					
BLOCK CHEESE	2,778	823	237.5%	2,961	-6.2%
BUTTER CS	9,917	9,806	1.1%	9,902	0.2%
CASH-SETTLED CHEESE	19,678	19,072	3.2%	19,148	2.8%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	283,440	293,789	-3.5%	318,161	-10.9%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	0	0	-	3,700	-100.0%
CDD WEATHER	0	0	-	2,350	-100.0%
CHI WHEAT	460,210	329,100	39.8%	434,160	6.0%
CLASS IV MILK	7,799	13,321	-41.5%	7,912	-1.4%
COFFEE	0	0	-	0	-
CORN	1,412,108	1,472,993	-4.1%	1,358,967	3.9%
DJ_UBS ROLL SELECT INDEX FU	11,601	10,615	9.3%	11,563	0.3%
DOW-UBS COMMOD INDEX	63,424	57,990	9.4%	61,977	2.3%
DOW-UBS COMMOD INDEX SWA	60,512	0	-	168,242	-64.0%
DRY WHEY	2,653	2,940	-9.8%	2,640	0.5%
FEEDER CATTLE	49,532	46,823	5.8%	56,356	-12.1%
FERTILIZER PRODUCTS	1,770	3,901	-54.6%	2,751	-35.7%
GOLDMAN SACHS	610	1,178	-48.2%	658	-7.3%
GSCI EXCESS RETURN FUT	35,583	48,307	-26.3%	36,001	-1.2%
HDD EURO SEASONAL STRIP	0	2,375	-100.0%	0	-
HDD SEASONAL STRIP	0	3,900	-100.0%	0	-
HDD WEATHER	1,650	9,025	-81.7%	250	560.0%
HDD WEATHER EUROPEAN	250	3,800	-93.4%	0	-
HOGS	194,624	194,600	0.0%	194,090	0.3%
HOUSING INDEX	80	69	15.9%	69	15.9%
KC WHEAT	228,736	158,598	44.2%	213,428	7.2%
LUMBER	8,972	2,116	324.0%	7,538	19.0%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	23,427	27,885	-16.0%	22,761	2.9%
MINI CORN	9,437	18,201	-48.2%	8,222	14.8%
MINI SOYBEAN	9,787	10,726	-8.8%	18,586	-47.3%
MINI WHEAT	4,089	3,710	10.2%	4,311	-5.1%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	9,224	9,783	-5.7%	9,592	-3.8%
OATS	3,799	4,311	-11.9%	3,987	-4.7%
OTC SP GSCI ER SWAP	56,430	0	-	38,449	46.8%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	340	773	-56.0%	596	-43.0%
ROUGH RICE	11,407	8,696	31.2%	11,069	3.1%
SOYBEAN	707,256	571,755	23.7%	793,392	-10.9%
SOYBEAN MEAL	519,735	395,295	31.5%	468,649	10.9%
SOYBEAN OIL	491,302	431,563	13.8%	424,346	15.8%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-
USD CRUDE PALM OIL	44,917	47,878	-6.2%	48,509	-7.4%
WHEAT	1,025	1,200	-14.6%	1,225	-16.3%

Ag Products Options

AUG-DEC SOYBEAN MEAL CSO	0	0	-	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	-	0	-
BLOCK CHEESE	2,389	1,124	112.5%	2,121	12.6%
BUTTER CS	7,381	7,116	3.7%	8,701	-15.2%
CASH-SETTLED CHEESE	28,399	35,805	-20.7%	31,845	-10.8%
CATTLE	276,889	218,324	26.8%	290,623	-4.7%
CDD SEASONAL STRIP	0	0	-	31,000	-100.0%
CDD WEATHER	0	0	-	53,000	-100.0%
CHI WHEAT	318,843	340,786	-6.4%	310,876	2.6%
CLASS IV MILK	39,323	43,322	-9.2%	35,897	9.5%
CORN	1,292,553	1,580,039	-18.2%	1,256,778	2.8%
CORN NEARBY+2 CAL SPRD	16,952	44,757	-62.1%	12,262	38.2%
DEC-DEC CORN CAL SPRD	2,479	0	-	2,543	-2.5%
DEC-JUL SOYBEAN MEAL CSO	210	0	-	210	0.0%
DEC-JULY CORN CAL SPRD	11,886	8,955	32.7%	12,456	-4.6%
DEC-JULY WHEAT CAL SPRD	80	0	-	80	0.0%
DRY WHEY	1,927	2,287	-15.7%	1,448	33.1%
FEEDER CATTLE	62,758	34,316	82.9%	61,534	2.0%
HDD EURO SEASONAL STRIP	28,000	6,750	314.8%	28,000	0.0%
HDD SEASONAL STRIP	55,000	4,000	1,275.0%	47,500	15.8%
HDD WEATHER	26,300	8,000	228.8%	18,025	45.9%
HDD WEATHER EUROPEAN	0	1,000	-100.0%	0	-
HOGS	320,430	217,390	47.4%	379,821	-15.6%
Intercommodity Spread	0	0	-	0	-
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	6,929	13,136	-47.3%	6,854	1.1%
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	5,767	4,838	19.2%	4,320	33.5%
KC WHEAT	51,903	62,101	-16.4%	47,061	10.3%
LUMBER	392	3	12,966.7%	1,051	-62.7%
LV CATL CSO	0	0	-	0	-
MAR-DEC CORN CAL SPRD	0	0	-	0	-
MAR-JULY CORN CAL SPRD	7,462	17,900	-58.3%	7,442	0.3%
MAR-JULY SOYBEAN CAL SPRD	1,000	650	53.8%	100	900.0%
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	85,826	109,434	-21.6%	81,936	4.7%
MLK MID OPTIONS	10	11	-9.1%	11	-9.1%
NFD MILK	20,994	15,515	35.3%	18,463	13.7%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	950	-100.0%
NOV-MAR SOYBEAN CSO	0	0	-	3,244	-100.0%
OATS	875	587	49.1%	764	14.5%
PACIFIC RIM DAT SS WTHR	9,000	0	-	0	-
PORK CUTOUT	0	0	-	104	-100.0%
ROUGH RICE	896	2,203	-59.3%	2,476	-63.8%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-
SOYBEAN	431,243	324,785	32.8%	699,718	-38.4%
SOYBEAN CRUSH	0	30	-100.0%	0	-
SOYBEAN MEAL	236,915	158,861	49.1%	151,563	56.3%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest OCT 2023	Open Interest OCT 2022	% CHG	Open Interest SEP 2023	% CHG
Ag Products Options					
SOYBEAN OIL	183,748	181,685	1.1%	160,834	14.2%
SOYBN NEARBY+2 CAL SPRD	6,924	2,545	172.1%	2,879	140.5%
SOYMEAL NEARBY+2 CAL SPRD	2,066	0	-	800	158.3%
SOY OIL NEARBY+2 CAL SPRD	0	1,250	-100.0%	0	-
WHEAT	245	145	69.0%	389	-37.0%
WHEAT-CORN ICSCO	65	1,852	-96.5%	65	0.0%
WHEAT NEARBY+2 CAL SPRD	1,096	3,495	-68.6%	730	50.1%
TOTAL FUTURES GROUP					
Interest Rate Futures	33,370,601	32,490,894	2.7%	31,797,872	4.9%
Equity Index Futures	4,666,933	4,671,490	-0.1%	4,329,147	7.8%
Metals Futures	1,097,434	1,009,212	8.7%	1,029,805	6.6%
Energy Futures	6,359,661	5,749,307	10.6%	6,467,375	-1.7%
FX Futures	2,139,943	2,118,810	1.0%	2,138,500	0.1%
Ag Products Futures	4,748,102	4,216,917	12.6%	4,766,518	-0.4%
TOTAL FUTURES	52,382,674	50,256,630	4.2%	50,529,217	3.7%
TOTAL OPTIONS GROUP					
Interest Rate Options	44,863,256	43,576,749	3.0%	40,505,377	10.8%
Equity Index Options	6,514,755	5,183,290	25.7%	5,732,700	13.6%
Metals Options	1,248,556	1,040,062	20.0%	1,071,862	16.5%
Energy Options	6,560,151	6,799,042	-3.5%	6,077,609	7.9%
FX Options	763,534	993,128	-23.1%	706,672	8.0%
Ag Products Options	3,545,155	3,454,997	2.6%	3,776,474	-6.1%
TOTAL OPTIONS	63,495,407	61,047,268	4.0%	57,870,694	9.7%
TOTAL COMBINED					
Interest Rate	78,233,857	76,067,643	2.8%	72,303,249	8.2%
Equity Index	11,181,688	9,854,780	13.5%	10,061,847	11.1%
Metals	2,345,990	2,049,274	14.5%	2,101,667	11.6%
Energy	12,919,812	12,548,349	3.0%	12,544,984	3.0%
FX	2,903,477	3,111,938	-6.7%	2,845,172	2.0%
Ag Products	8,293,257	7,671,914	8.1%	8,542,992	-2.9%
GRAND TOTAL	115,878,081	111,303,898	4.1%	108,399,911	6.9%

*** 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.

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