



## CME Group Exchange Open Interest Report - Monthly

	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
<b>Interest Rate Futures</b>					
10-YR Eris LIBOR	67,576	66,130	2.2%	68,914	-1.9%
10-YR Eris SOFR	1,117	100	1,017.0%	1,067	4.7%
10-YR MAC LIBOR	16,725	74,110	-77.4%	17,936	-6.8%
10-YR MAC SOFR	9	0	-	0	-
10-YR NOTE	4,304,483	3,702,106	16.3%	4,151,853	3.7%
10Y YIELD	5,125	2,590	97.9%	2,349	118.2%
15-YR Eris LIBOR	0	1,500	-100.0%	0	-
1-MONTH EURODOLLAR	0	24,400	-100.0%	0	-
1-YR Eris BSBY	0	0	-	0	-
1-YR Eris SOFR	11,258	5,455	106.4%	8,171	37.8%
20-YR BOND	416	0	-	346	20.2%
20-YR Eris LIBOR	0	0	-	0	-
2-YR Eris LIBOR	43,071	124,431	-65.4%	53,518	-19.5%
2-YR Eris SOFR	7,095	3,916	81.2%	6,153	15.3%
2-YR NOTE	2,644,151	2,028,636	30.3%	2,428,703	8.9%
2Y YIELD	1,656	230	620.0%	865	91.4%
30-Year UMBS TBA Futures - 2.5%	19	0	-	20	-5.0%
30-Year UMBS TBA Futures - 3.0%	44	0	-	37	18.9%
30-Year UMBS TBA Futures - 3.5%	24	0	-	34	-29.4%
30-Year UMBS TBA Futures - 4.0%	80	0	-	15	433.3%
30-Year UMBS TBA Futures - 4.5%	73	0	-	73	0.0%
30-Year UMBS TBA Futures - 5.0%	86	0	-	89	-3.4%
30-Year UMBS TBA Futures - 5.5%	51	0	-	30	70.0%
30-Year UMBS TBA Futures - 6.0%	120	0	-	13	823.1%
30-YR BOND	1,211,107	1,123,696	7.8%	1,226,430	-1.2%
30-YR Eris LIBOR	2,273	2,463	-7.7%	2,273	0.0%
30-YR MAC LIBOR	0	0	-	0	-
30Y YIELD	145	2,305	-93.7%	336	-56.8%
3-YR Eris BSBY	0	0	-	0	-
3-YR Eris LIBOR	21,531	63,642	-66.2%	22,500	-4.3%
3-YR Eris SOFR	2,838	2,173	30.6%	7,159	-60.4%
3-YR NOTE	10,026	14,131	-29.0%	7,546	32.9%
4-YR Eris LIBOR	7,482	18,390	-59.3%	7,568	-1.1%
4-YR Eris SOFR	1,808	1,334	35.5%	1,746	3.6%
5-YR Eris LIBOR	25,932	51,453	-49.6%	11,472	126.0%
5-YR Eris SOFR	4,456	1,429	211.8%	2,985	49.3%
5-YR MAC LIBOR	5,739	44,018	-87.0%	7,189	-20.2%
5-YR MAC SOFR	44	0	-	0	-
5-YR NOTE	4,182,168	3,918,377	6.7%	4,177,919	0.1%
5Y YIELD	323	33	878.8%	37	773.0%
7-YR Eris LIBOR	20,222	24,564	-17.7%	20,405	-0.9%
7-YR Eris SOFR	33	1	3,200.0%	33	0.0%
BSBY 3-MONTH FUTURES	12,169	23,765	-48.8%	12,672	-4.0%
ESTR Basis Spread Futures	699	0	-	314	122.6%
ESTR Futures	1,218	0	-	771	58.0%
EURODOLLARS	5,709,872	11,274,091	-49.4%	5,879,918	-2.9%
FED FUND	2,008,904	2,140,066	-6.1%	1,889,652	6.3%
FTIIE	135	185	-27.0%	99	36.4%
SOFR	10,711,400	3,794,319	182.3%	9,787,810	9.4%
SONIA	5,143	9,929	-48.2%	5,153	-0.2%

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<b>Interest Rate Futures</b>					
Ultra 10-Year Note	1,530,947	1,358,144	12.7%	1,459,929	4.9%
ULTRA T-BOND	1,475,411	1,278,424	15.4%	1,448,157	1.9%
<b>Interest Rate Options</b>					
10-YR NOTE	2,412,311	2,656,266	-9.2%	2,502,264	-3.6%
2-YR NOTE	56,222	14,305	293.0%	134,729	-58.3%
30-YR BOND	505,586	365,249	38.4%	424,988	19.0%
5-YR NOTE	1,301,359	1,308,423	-0.5%	1,061,437	22.6%
EURODOLLARS	8,361,194	25,698,941	-67.5%	8,948,006	-6.6%
EURO MIDCURVE	847,456	12,283,351	-93.1%	935,359	-9.4%
FED FUND	2	0	0.0%	0	-
SOFR	32,376,384	806,152	3,916.2%	28,120,046	15.1%
SOFR MIDCURVE	7,831,144	187,454	4,077.6%	5,841,535	34.1%
SOFR MISCURVE	700	0	-	700	0.0%
Ultra 10-Year Note	70	0	-	350	-80.0%
ULTRA T-BOND	586	1,255	-53.3%	699	-16.2%
<b>Equity Index Futures</b>					
BITCOIN	15,161	11,248	34.8%	17,542	-13.6%
DJ US REAL ESTATE SECTOR	45,135	42,534	6.1%	47,831	-5.6%
E-mini (\$5) Dow	89,912	76,491	17.5%	80,386	11.9%
E-mini FTSE China 50	0	36	-100.0%	22	-100.0%
E-MINI MIDCAP	44,760	48,769	-8.2%	42,576	5.1%
E-MINI NASDAQ 100	268,253	251,842	6.5%	278,449	-3.7%
E-MINI RUSSELL 1000	12,765	16,050	-20.5%	12,753	0.1%
E-MINI RUSSELL 1000 GROWTH	4,124	4,702	-12.3%	3,485	18.3%
E-MINI RUSSELL 1000 VALUE	19,222	31,072	-38.1%	18,744	2.6%
E-MINI RUSSELL 2000	451,688	519,869	-13.1%	440,101	2.6%
E-MINI S&P500	2,113,159	2,391,264	-11.6%	2,061,419	2.5%
E-MINI S&P500 ESG	11,815	10,669	10.7%	12,517	-5.6%
ETHER	0	0	-	0	-
ETHER FUTURES	4,126	4,014	2.8%	4,331	-4.7%
FT-SE 100	0	375	-100.0%	0	-
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	12	14	-14.3%	23	-47.8%
MICRO BITCOIN	7,822	17,700	-55.8%	5,776	35.4%
MICRO E-MINI NASDAQ 100	179,774	173,794	3.4%	120,271	49.5%
MICRO E-MINI RUSSELL 2000	22,466	36,983	-39.3%	23,052	-2.5%
MICRO E-MINI S&P500	190,191	172,162	10.5%	178,587	6.5%
MICRO ETHER	13,223	48,261	-72.6%	14,183	-6.8%
MICRO MINI \$5 DOW	22,169	34,112	-35.0%	22,201	-0.1%
NASDAQ-100 VOLATILITY	661	79	736.7%	1,695	-61.0%
NASDAQ BIOTECH SECTOR	324	58	458.6%	399	-18.8%
Nearby BTIC+	0	200	-100.0%	0	-
NIKKEI 225 (\$) STOCK	13,042	13,114	-0.5%	14,330	-9.0%
NIKKEI 225 (YEN) STOCK	42,383	50,864	-16.7%	36,496	16.1%
PHLX SEMICONDUCTOR SECTO	213	0	-	72	195.8%

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<b>Equity Index Futures</b>					
S&P 500	366,079	268,676	36.3%	316,092	15.8%
S&P 500 ANNUAL DIVIDEND IND	180,765	194,373	-7.0%	180,848	0.0%
S&P 500 QUARLY DIVIDEND IND	25,783	16,267	58.5%	23,525	9.6%
S&P BIOTECHNOLOGY SECTOR	580	0	-	477	21.6%
S&P COMMUNICATION SERVICE	2,915	1,806	61.4%	1,854	57.2%
S&P CONSUMER DISCRETIONAR	4,383	5,762	-23.9%	2,986	46.8%
S&P CONSUMER STAPLES SECT	15,417	19,560	-21.2%	15,378	0.3%
S&P ENERGY SECTOR	24,470	38,374	-36.2%	23,741	3.1%
S&P FINANCIAL SECTOR	38,602	29,811	29.5%	26,505	45.6%
S&P HEALTH CARE SECTOR	20,413	21,995	-7.2%	13,640	49.7%
S&P INDUSTRIAL SECTOR	22,842	18,424	24.0%	24,082	-5.1%
S&P MATERIALS SECTOR	6,149	13,081	-53.0%	6,088	1.0%
S&P OIL & GAS EXPLORATION A	66	0	-	62	6.5%
S&P REAL ESTATE SECTOR	12,177	8,059	51.1%	18,530	-34.3%
S&P REGIONAL BANKS SECTOR	32	0	-	24	33.3%
S&P RETAIL SECTOR	48	0	-	59	-18.6%
S&P TECHNOLOGY SECTOR	13,255	12,076	9.8%	12,845	3.2%
S&P UTILITIES SECTOR	22,043	16,703	32.0%	21,558	2.2%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	152	72	111.1%	108	40.7%
WATER INDEX FUTURES	1	39	-97.4%	4	-75.0%
<b>Equity Index Options</b>					
BITCOIN OPTIONS	7,212	1,266	469.7%	7,181	0.4%
DJIA	0	0	-	0	0.0%
E-mini (\$5) Dow	653	1,497	-56.4%	716	-8.8%
E-MINI NASDAQ 100	168,590	182,453	-7.6%	171,606	-1.8%
E-MINI RUSSELL 2000	36,649	56,458	-35.1%	34,413	6.5%
E-MINI S&P500	4,787,751	4,296,088	11.4%	4,522,440	5.9%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	1,442	0	-	991	45.5%
MICRO BITCOIN	3,225	0	-	12,204	-73.6%
MICRO E-MINI NASDAQ 100	6,230	8,572	-27.3%	4,956	25.7%
Micro E-mini S&P 500	65,360	68,374	-4.4%	58,795	11.2%
MICRO ETHER	16,023	0	-	13,635	17.5%
S&P 500	0	0	-	0	-

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<b>Metals Futures</b>					
ALUMINUM	59,118	57,814	2.3%	60,234	-1.9%
COBALT METAL FUTURES	17,670	1,797	883.3%	16,970	4.1%
COMEX COPPER	196,143	194,969	0.6%	224,824	-12.8%
COMEX E-Mini GOLD	1,042	1,747	-40.4%	1,079	-3.4%
COMEX E-Mini SILVER	364	378	-3.7%	348	4.6%
COMEX GOLD	426,890	603,287	-29.2%	471,642	-9.5%
COMEX MINY COPPER	331	367	-9.8%	399	-17.0%
COMEX SILVER	123,900	150,597	-17.7%	138,263	-10.4%
COPPER	19,050	15,026	26.8%	19,759	-3.6%
FERROUS PRODUCTS	6,831	6,887	-0.8%	6,805	0.4%
GOLD	813	1,731	-53.0%	719	13.1%
HOT ROLLED COIL STEEL FUTU	7,102	1,879	278.0%	6,644	6.9%
IRON ORE CHINA	615	2,274	-73.0%	1,088	-43.5%
METALS	1,891	150	1,160.7%	501	277.4%
MICRO GOLD	20,785	23,963	-13.3%	22,736	-8.6%
NYMEX HOT ROLLED STEEL	24,116	34,400	-29.9%	23,138	4.2%
NYMEX PLATINUM	68,075	63,602	7.0%	69,121	-1.5%
PALLADIUM	11,770	7,428	58.5%	11,245	4.7%
SILVER	8,059	6,015	34.0%	7,335	9.9%
URANIUM	800	800	0.0%	800	0.0%
<b>Metals Options</b>					
ALUMINUM	215	700	-69.3%	378	-43.1%
COMEX COPPER	114,535	39,724	188.3%	127,652	-10.3%
COMEX GOLD	654,345	737,050	-11.2%	665,990	-1.7%
COMEX SILVER	98,392	70,375	39.8%	103,327	-4.8%
COPPER	1,067	399	167.4%	881	21.1%
GOLD	26,474	30,576	-13.4%	37,560	-29.5%
IRON ORE CHINA	0	100	-100.0%	0	-
NYMEX HOT ROLLED STEEL	9,280	3,725	149.1%	7,865	18.0%
NYMEX PLATINUM	16,986	15,300	11.0%	3,020	462.5%
PALLADIUM	1,749	29	5,931.0%	516	239.0%
SILVER	4,701	3,685	27.6%	7,648	-38.5%
<b>Energy Futures</b>					
AEP-DAYTON HUB DAILY	0	10	-100.0%	0	-
ARGUS LLS VS. WTI (ARG) T	4,180	9,385	-55.5%	4,330	-3.5%
ARGUS PROPAN FAR EST INDE	5,793	5,068	14.3%	6,162	-6.0%
ARGUS PROPAN(SAUDI ARAMC	2,237	2,001	11.8%	2,202	1.6%
BRENT BALMO SWAP	0	0	-	0	-
BRENT CALENDAR SWAP	35,461	18,006	96.9%	34,746	2.1%
BRENT FINANCIAL FUTURES	210	0	-	260	-19.2%
BRENT OIL LAST DAY	151,381	218,613	-30.8%	156,929	-3.5%
CAR VINTAGE	27,826	17,784	56.5%	25,982	7.1%
CHICAGO ETHANOL SWAP	34,108	32,881	3.7%	27,211	25.3%
CHICAGO ULSD PL VS HO SPR	2,355	1,023	130.2%	1,260	86.9%
CHICAGO UNL GAS PL VS RBO	0	75	-100.0%	0	-

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<b>Energy Futures</b>					
CONWAY NATURAL GASOLINE (	475	1,907	-75.1%	562	-15.5%
CONWAY NORMAL BUTANE (OPI	422	814	-48.2%	1,008	-58.1%
CONWAY PROPANE 5 DECIMALS	24,360	18,910	28.8%	26,513	-8.1%
CRUDE OIL	0	8	-100.0%	0	-
CRUDE OIL LAST DAY	2,700	0	-	3,000	-10.0%
CRUDE OIL OUTRIGHTS	201,833	168,494	19.8%	162,920	23.9%
CRUDE OIL PHY	1,765,062	2,102,466	-16.0%	1,767,416	-0.1%
CRUDE OIL SPRDS	193,141	128,422	50.4%	156,728	23.2%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	0	7,600	-100.0%	0	-
DATED TO FRONTLINE BRENT	2,035	2,195	-7.3%	2,220	-8.3%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
DOMINION TRANSMISSION INC	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	0	1,000	-100.0%	0	-
DUTCH TTF NATURAL GAS CAL	2,641	7,721	-65.8%	2,847	-7.2%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	1,611	1,417	13.7%	1,711	-5.8%
ELEC FINSETTLED	0	0	-	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-
EMMISSIONS	61	0	-	93	-34.4%
ETHANOL	0	0	0.0%	0	-
ETHANOL SWAP	815	690	18.1%	830	-1.8%
ETHANOL T2 FOB ROTT INCL DU	6,224	6,973	-10.7%	5,828	6.8%
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	330	1,162	-71.6%	360	-8.3%
EUROPE 1% FUEL OIL NWE CA	0	55	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	128	203	-36.9%	85	50.6%
EUROPEAN GASOIL (ICE)	1,157	2,943	-60.7%	1,449	-20.2%
EUROPEAN NAPHTHA BALMO	18	35	-48.6%	10	80.0%
EUROPEAN NAPHTHA CRACK SP	1,874	9,637	-80.6%	1,752	7.0%
EUROPE DATED BRENT SWAP	0	11	-100.0%	0	-
EUROPE JET KERO NWE CALSW	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	945	1,372	-31.1%	881	7.3%
EURO PROPANE CIF ARA SWA	2,927	2,862	2.3%	2,768	5.7%
FREIGHT MARKETS	523	864	-39.5%	687	-23.9%
FUEL OIL CRACK VS ICE	36	1,351	-97.3%	39	-7.7%
FUEL OIL NWE CRACK VS ICE	0	93	-100.0%	0	-
FUELOIL SWAP:CARGOES VS.B	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	181	872	-79.2%	185	-2.2%
GAS EURO-BOB OXY NWE BARG	3,008	13,650	-78.0%	3,554	-15.4%
GASOIL 0.1CIF MED VS ICE	0	55	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	0	74	-100.0%	10	-100.0%
GASOIL 10PPM VS ICE SWAP	12	0	-	12	0.0%
GASOIL CALENDAR SWAP	79	575	-86.3%	108	-26.9%
GASOIL CRACK SPREAD CALEN	90	4,475	-98.0%	108	-16.7%
GASOIL MINI CALENDAR SWAP	469	1,098	-57.3%	420	11.7%
GERMAN POWER BASELOAD CA	0	198	-100.0%	0	-

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<b>Energy Futures</b>					
GRP THREE ULSD(PLT)VS HEA	7,993	6,700	19.3%	7,463	7.1%
GRP THREE UNL GS (PLT) VS	5,745	5,485	4.7%	5,345	7.5%
GULF COAST 3% FUEL OIL BA	0	250	-100.0%	0	-
GULF COAST JET FUEL CLNDR	0	0	-	0	-
GULF COAST JET VS NYM 2 H	11,205	16,844	-33.5%	10,775	4.0%
GULF COAST NO.6 FUEL OIL	19,101	12,673	50.7%	17,193	11.1%
GULF COAST ULSD CALENDAR	1,712	1,331	28.6%	1,837	-6.8%
GULF COAST ULSD CRACK SPR	0	0	-	0	-
HEATING OIL BALMO CLNDR S	89	441	-79.8%	739	-88.0%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	246,341	296,041	-16.8%	265,444	-7.2%
HENRY HUB SWAP	433,543	575,008	-24.6%	436,516	-0.7%
HOUSTON SHIP CHANNEL BASI	0	0	-	0	-
HTG OIL	81	85	-4.7%	90	-10.0%
ICE BRENT DUBAI SWAP	100	2,282	-95.6%	120	-16.7%
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	401	240	67.1%	363	10.5%
JAPAN NAPHTHA BALMO SWAP	8	0	-	4	100.0%
JET CIF NWE VS ICE	720	1,145	-37.1%	654	10.1%
JET FUEL UP-DOWN BALMO CL	1,738	3,533	-50.8%	1,186	46.5%
JKM LNG Futures	600	1,830	-67.2%	681	-11.9%
LA CARB DIESEL (OPIS) SWA	950	996	-4.6%	854	11.2%
LA CARBOB GASOLINE(OPIS)S	150	0	-	150	0.0%
LA JET (OPIS) SWAP	1,100	1,480	-25.7%	975	12.8%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	1,062	2,861	-62.9%	1,504	-29.4%
LTD NAT GAS	377,682	462,290	-18.3%	375,145	0.7%
MARS (ARGUS) VS WTI SWAP	0	1,000	-100.0%	0	-
MARS (ARGUS) VS WTI TRD M	23,644	25,635	-7.8%	17,630	34.1%
MCCLOSKEY ARA ARGS COAL	6,493	15,308	-57.6%	6,845	-5.1%
MCCLOSKEY RCH BAY COAL	116	1,149	-89.9%	136	-14.7%
MGN1 SWAP FUT	0	0	-	0	-
MINI GAS EUROBOB OXY NWE A	10	23	-56.5%	10	0.0%
MINI RBOB V. EBOBARG NWE BF	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NW	398	618	-35.6%	463	-14.0%
MINY HTG OIL	1	1	0.0%	0	0.0%
MINY NATURAL GAS	12,642	3,602	251.0%	15,976	-20.9%
MINY RBOB GAS	4	1	300.0%	5	-20.0%
MINY WTI CRUDE OIL	3,876	4,352	-10.9%	3,094	25.3%
MJC FUT	0	0	-	0	-
MNC FUT	1,888	2,444	-22.7%	2,398	-21.3%
MONT BELVIEU ETHANE 5 DECI	53,986	50,314	7.3%	51,687	4.4%
MONT BELVIEU ETHANE OPIS B	515	1,200	-57.1%	1,915	-73.1%
MONT BELVIEU LDH PROPANE 5	155,027	134,669	15.1%	148,068	4.7%
MONT BELVIEU LDH PROPANE C	1,755	4,513	-61.1%	1,774	-1.1%
MONT BELVIEU NATURAL GASO	36,702	35,931	2.1%	38,383	-4.4%
MONT BELVIEU NATURAL GASO	870	330	163.6%	1,393	-37.5%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
MONT BELVIEU NORMAL BUTAN	46,400	49,516	-6.3%	45,735	1.5%
MONT BELVIEU NORMAL BUTAN	352	1,546	-77.2%	1,270	-72.3%
NATURAL GAS	193,776	165,948	16.8%	194,837	-0.5%
NATURAL GAS PEN SWP	151,386	197,567	-23.4%	162,771	-7.0%
NATURAL GAS PHY	1,239,613	1,114,582	11.2%	1,146,709	8.1%
NEPOOL INTR HUB 5MW D AH	0	8,703	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-
NEW YORK ETHANOL SWAP	980	1,995	-50.9%	645	51.9%
NEW YORK HUB ZONE G PEAK	0	850	-100.0%	0	-
NEW YORK HUB ZONE J PEAK	0	0	-	0	-
N ILLINOIS HUB DAILY	0	0	-	0	-
NY1% VS GC SPREAD SWAP	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
NY HARBOR HEAT OIL SWP	8,825	7,219	22.2%	9,014	-2.1%
NY HARBOR LOW SULPUR GAS	0	550	-100.0%	0	-
NY HARBOR RESIDUAL FUEL 1	325	500	-35.0%	305	6.6%
NYH NO 2 CRACK SPREAD CAL	7,529	10,280	-26.8%	5,575	35.0%
NYISO CAPACITY	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	0	4,775	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING	2,516	1,025	145.5%	2,824	-10.9%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-
PETROCHEMICALS	11,523	14,052	-18.0%	11,525	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	25,827	34,582	-25.3%	24,799	4.1%
PETRO CRK&SPRD EURO	1,706	2,954	-42.2%	1,728	-1.3%
PETROLEUM PRODUCTS	8,820	7,281	21.1%	9,375	-5.9%
PETROLEUM PRODUCTS ASIA	722	1,400	-48.4%	913	-20.9%
PETRO OUTRIGHT EURO	14,940	25,108	-40.5%	15,228	-1.9%
PETRO OUTRIGHT NA	1,904	11,053	-82.8%	3,009	-36.7%
PJM AD HUB 5MW REAL TIME	0	20,670	-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	176,400	-100.0%	0	-
PJM WESTH RT PEAK	13,419	36,230	-63.0%	14,679	-8.6%
PLASTICS	4,003	3,306	21.1%	4,242	-5.6%
PREMIUM UNLD 10P FOB MED	0	165	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) B	1,047	1,792	-41.6%	835	25.4%
PROPANE NON-LDH MT. BEL (OF	41,154	49,088	-16.2%	38,384	7.2%
RBOB CALENDAR SWAP	14,207	13,342	6.5%	14,774	-3.8%
RBOB CRACK SPREAD	4,650	15,710	-70.4%	4,670	-0.4%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GAS	54	63	-14.3%	60	-10.0%
RBOB GASOLINE BALMO CLNDR	314	717	-56.2%	1,545	-79.7%
RBOB PHY	300,229	376,792	-20.3%	313,712	-4.3%
RBOB VS HEATING OIL SWAP	305	315	-3.2%	330	-7.6%
SINGAPORE 180CST BALMO	0	0	-	3	-100.0%
SINGAPORE 380CST BALMO	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	257	536	-52.1%	204	26.0%
SINGAPORE FUEL 180CST CAL	8	0	-	9	-11.1%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	107	0	-	120	-10.8%
SINGAPORE GASOIL	442	1,200	-63.2%	597	-26.0%
SINGAPORE GASOIL CALENDAR	55	448	-87.7%	27	103.7%
SINGAPORE GASOIL SWAP	800	1,050	-23.8%	615	30.1%
SINGAPORE GASOIL VS ICE	2,148	5,954	-63.9%	2,349	-8.6%
SINGAPORE JET KERO GASOIL	1,899	4,393	-56.8%	2,106	-9.8%
SINGAPORE JET KEROSENE SW	0	480	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEAD	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	25	1,271	-98.0%	75	-66.7%
TC2 ROTTERDAM TO USAC 37K	100	258	-61.2%	150	-33.3%
TC5 RAS TANURA TO YOKOHAM	110	275	-60.0%	120	-8.3%
TD3 MEG TO JAPAN 250K MT	1,975	5,480	-64.0%	2,040	-3.2%
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	4,450	10,537	-57.8%	7,314	-39.2%
UP DOWN GC ULSD VS NMX HO	28,175	42,191	-33.2%	27,917	0.9%
WTI-BRENT CALENDAR SWAP	107,248	101,583	5.6%	106,617	0.6%
WTI CALENDAR	147,885	159,955	-7.5%	154,980	-4.6%
WTI MIDLAND CRUDE OIL	500	200	150.0%	500	0.0%
WTS (ARGUS) VS WTI SWAP	16,497	34,736	-52.5%	14,982	10.1%
WTS (ARGUS) VS WTI TRD MT	2,085	9,250	-77.5%	2,085	0.0%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Options</b>					
BRENT CALENDAR SWAP	2,537	2,992	-15.2%	2,404	5.5%
BRENT CRUDE OIL 1 M CSO	18,400	84,750	-78.3%	24,450	-24.7%
BRENT OIL LAST DAY	51,226	133,229	-61.6%	49,185	4.1%
COAL API2 INDEX	90	370	-75.7%	115	-21.7%
CRUDE OIL	0	0	-	0	-
CRUDE OIL 1MO	155,525	273,238	-43.1%	152,075	2.3%
CRUDE OIL APO	148,354	266,286	-44.3%	153,177	-3.1%
CRUDE OIL CALNDR STRIP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	0.0%
CRUDE OIL PHY	2,159,190	2,295,269	-5.9%	2,222,335	-2.8%
ELEC FINSETTLED	0	43	-100.0%	0	-
ETHANOL SWAP	3,374	6,810	-50.5%	3,409	-1.0%
FREIGHT MARKETS	0	30	-100.0%	0	-
HEATING OIL CRK SPD AVG PRI	0	2,650	-100.0%	0	-
HEATING OIL PHY	13,015	12,833	1.4%	13,753	-5.4%
HENRY HUB FINANCIAL LAST	40,499	26,749	51.4%	34,420	17.7%
HO 1 MONTH CLNDR OPTIONS	1,400	100	1,300.0%	1,125	24.4%
LLS CRUDE OIL	6,075	2,700	125.0%	6,550	-7.3%
MCCLOSKEY ARA ARGS COAL	0	220	-100.0%	0	-
NATURAL GAS	0	961	-100.0%	0	-
NATURAL GAS 1 M CSO FIN	39,750	34,775	14.3%	100,121	-60.3%
NATURAL GAS 2 M CSO FIN	0	0	-	0	-
NATURAL GAS 3 M CSO FIN	54,575	38,600	41.4%	7,325	645.1%
NATURAL GAS 5 M CSO FIN	3,500	20,481	-82.9%	2,000	75.0%
NATURAL GAS 6 M CSO FIN	43,425	47,650	-8.9%	34,275	26.7%
NATURAL GAS OPT	750	10,350	-92.8%	900	-16.7%
NATURAL GAS OPTION ON CALE	224	7,784	-97.1%	224	0.0%
NATURAL GAS PHY	3,268,395	2,413,630	35.4%	3,067,683	6.5%
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NY HARBOR HEAT OIL SWP	7,030	6,750	4.1%	7,333	-4.1%
PETROCHEMICALS	3,425	7,194	-52.4%	3,641	-5.9%
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT NA	50	1,375	-96.4%	60	-16.7%
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	178	150	18.7%	212	-16.0%
RBOB PHY	4,054	6,800	-40.4%	3,573	13.5%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	100	0	-	50	100.0%
WTI-BRENT BULLET SWAP	133,000	186,275	-28.6%	139,225	-4.5%
WTI CRUDE OIL 1 M CSO FI	131,975	38,488	242.9%	142,300	-7.3%
<b>FX Futures</b>					
AD/CD CROSS RATES	55	19	189.5%	53	3.8%
AD/JY CROSS RATES	498	429	16.1%	464	7.3%
AD/NE CROSS RATES	2,533	858	195.2%	3,106	-18.4%
AUSTRALIAN DOLLAR	126,681	192,061	-34.0%	136,304	-7.1%

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## CME Group Exchange Open Interest Report - Monthly

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<b>FX Futures</b>					
BP/JY CROSS RATES	1,658	1,600	3.6%	1,519	9.2%
BP/SF CROSS RATES	1,175	2,153	-45.4%	2,708	-56.6%
BRAZIL REAL	47,629	110,753	-57.0%	72,096	-33.9%
BRITISH POUND	212,064	194,974	8.8%	196,113	8.1%
CANADIAN DOLLAR	165,097	145,494	13.5%	140,167	17.8%
CD/JY CROSS RATES	3	37	-91.9%	2	50.0%
CHINESE RENMINBI (CNH)	3,392	4,360	-22.2%	3,814	-11.1%
CZECK KORUNA (EC)	2	3	-33.3%	2	0.0%
CZECK KORUNA (US)	2	1	100.0%	12	-83.3%
EC/AD CROSS RATES	1,883	2,053	-8.3%	1,790	5.2%
EC/CD CROSS RATES	4,104	3,951	3.9%	4,348	-5.6%
EC/NOK CROSS RATES	2,092	702	198.0%	1,369	52.8%
EC/SEK CROSS RATES	5,182	743	597.4%	5,379	-3.7%
EFX/BP CROSS RATES	33,028	32,049	3.1%	31,806	3.8%
EFX/JY CROSS RATES	19,986	24,786	-19.4%	20,603	-3.0%
EFX/SF CROSS RATES	13,093	21,119	-38.0%	15,369	-14.8%
E-MICRO USD/CAD	71	39	82.1%	86	-17.4%
E-MICRO USD/CHF	76	31	145.2%	61	24.6%
E-MICRO USD/JPY	62	189	-67.2%	179	-65.4%
E-MINI EURO FX	15,103	17,526	-13.8%	15,545	-2.8%
E-MINI JAPANESE YEN	987	500	97.4%	994	-0.7%
EURO FX	803,963	710,846	13.1%	796,738	0.9%
HUNGARIAN FORINT (EC)	3	0	-	4	-25.0%
HUNGARIAN FORINT (US)	7	0	-	3	133.3%
INDIAN RUPEE	3,346	1,189	181.4%	1,641	103.9%
JAPANESE YEN	200,047	205,215	-2.5%	168,540	18.7%
KOREAN WON	111	310	-64.2%	114	-2.6%
MEXICAN PESO	294,741	165,657	77.9%	285,481	3.2%
MICRO AUD/USD	7,247	9,240	-21.6%	6,140	18.0%
MICRO CAD/USD	4,774	3,606	32.4%	3,826	24.8%
MICRO CHF/USD	1,604	1,203	33.3%	1,447	10.9%
MICRO EUR/USD	16,306	37,122	-56.1%	17,047	-4.3%
MICRO GBP/USD	5,203	4,555	14.2%	4,816	8.0%
MICRO INR/USD	13	29	-55.2%	44	-70.5%
MICRO JPY/USD	0	1,545	-100.0%	0	-
MICRO USD/CNH	0	1	-100.0%	0	-
NEW ZEALND DOLLAR	40,006	50,711	-21.1%	34,587	15.7%
NKR/USD CROSS RATE	1,929	1,295	49.0%	865	123.0%
POLISH ZLOTY (EC)	91	178	-48.9%	67	35.8%
POLISH ZLOTY (US)	517	543	-4.8%	531	-2.6%
RMB USD	0	1	-100.0%	4	-100.0%
RUSSIAN RUBLE	0	25,146	-100.0%	0	-
S.AFRICAN RAND	24,496	22,759	7.6%	7,858	211.7%
SF/JY CROSS RATES	785	46	1,606.5%	730	7.5%
SHEKEL	22	0	0.0%	14	57.1%
SKR/USD CROSS RATES	1,811	1,117	62.1%	1,524	18.8%
SWISS FRANC	41,991	47,167	-11.0%	38,345	9.5%
TURKISH LIRA	57	56	1.8%	57	0.0%
USDZAR	6	17	-64.7%	0	-

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**CME Group Exchange Open Interest Report - Monthly**

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<b>FX Options</b>					
AUD/USD MONDAY OPTION WEE	18	167	-89.2%	18	0.0%
AUD/USD MONDAY OPTION WEE	0	1,259	-100.0%	4	-100.0%
AUD/USD MONDAY OPTION WEE	6	418	-98.6%	0	-
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	0	0.0%
AUD/USD MONTHLY OPTIONS	41,198	233,527	-82.4%	39,113	5.3%
AUD/USD WKLY FRIDAY OPTION	0	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	1,337	1,730	-22.7%	636	110.2%
AUD/USD WKLY FRIDAY OPTION	769	1,240	-38.0%	566	35.9%
AUD/USD WKLY FRIDAY OPTION	584	712	-18.0%	558	4.7%
AUD/USD WKLY FRIDAY OPTION	318	0	-	0	-
AUD/USD WKLY WED OPTIONS -	117	954	-87.7%	99	18.2%
AUD/USD WKLY WED OPTIONS -	19	559	-96.6%	14	35.7%
AUD/USD WKLY WED OPTIONS -	4	4	0.0%	4	0.0%
AUD/USD WKLY WED OPTIONS -	8	52	-84.6%	9	-11.1%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	0	501	-100.0%	29	-100.0%
CAD/USD MONDAY OPTIONS WE	203	100	103.0%	125	62.4%
CAD/USD MONDAY OPTIONS WE	1,215	533	128.0%	56	2,069.6%
CAD/USD MONDAY OPTIONS WE	6	20	-70.0%	0	-
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	1	-100.0%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	0.0%
CAD/USD MONTHLY OPTIONS	186,228	196,968	-5.5%	193,591	-3.8%
CAD/USD WKLY FRIDAY OPTION	0	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	2,050	1,738	18.0%	1,372	49.4%
CAD/USD WKLY FRIDAY OPTION	1,185	2,076	-42.9%	870	36.2%
CAD/USD WKLY FRIDAY OPTION	580	757	-23.4%	648	-10.5%
CAD/USD WKLY FRIDAY OPTION	346	0	-	0	-
CAD/USD WKLY WED OPTIONS -	213	1,765	-87.9%	978	-78.2%
CAD/USD WKLY WED OPTIONS -	266	1,073	-75.2%	110	141.8%
CAD/USD WKLY WED OPTIONS -	1,093	32	3,315.6%	160	583.1%
CAD/USD WKLY WED OPTIONS -	8	0	-	8	0.0%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	9,499	14,777	-35.7%	10,809	-12.1%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	158	301	-47.5%	22	618.2%
CHF/USD WKLY FRIDAY OPTION	110	9	1,122.2%	14	685.7%
CHF/USD WKLY FRIDAY OPTION	3	100	-97.0%	1	200.0%
CHF/USD WKLY FRIDAY OPTION	6	0	-	0	-
EUR/GBP MONTHLY OPTIONS	0	200	-100.0%	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EURODOLLARS	0	0	-	0	0.0%
EUR/USD MONDAY OPTION WEE	2,676	1,625	64.7%	565	373.6%
EUR/USD MONDAY OPTION WEE	490	1,369	-64.2%	875	-44.0%
EUR/USD MONDAY OPTION WEE	1,381	1,651	-16.4%	0	-
EUR/USD MONDAY OPTION WEE	0	0	0.0%	176	-100.0%
EUR/USD MONDAY OPTION WEE	0	0	-	0	0.0%
EUR/USD MONTHLY OPTIONS	358,484	221,251	62.0%	337,949	6.1%
EUR/USD WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	7,644	7,730	-1.1%	3,452	121.4%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
<b>FX Options</b>					
EUR/USD WKLY FRIDAY OPTION	10,662	1,854	475.1%	5,884	81.2%
EUR/USD WKLY FRIDAY OPTION	1,571	5,257	-70.1%	599	162.3%
EUR/USD WKLY FRIDAY OPTION	241	0	-	0	-
EUR/USD WKLY WED OPTIONS -	3,008	6,507	-53.8%	2,010	49.7%
EUR/USD WKLY WED OPTIONS -	3,924	1,492	163.0%	1,133	246.3%
EUR/USD WKLY WED OPTIONS -	1,477	488	202.7%	530	178.7%
EUR/USD WKLY WED OPTIONS -	1,012	0	-	361	180.3%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	652	424	53.8%	1,144	-43.0%
GBP/USD MONDAY OPTION WEE	934	746	25.2%	700	33.4%
GBP/USD MONDAY OPTION WEE	810	348	132.8%	0	-
GBP/USD MONDAY OPTION WEE	0	0	0.0%	1	-100.0%
GBP/USD MONDAY OPTION WEE	0	0	-	0	0.0%
GBP/USD MONTHLY OPTIONS	96,271	105,110	-8.4%	101,959	-5.6%
GBP/USD WKLY FRIDAY OPTION	0	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	2,354	2,810	-16.2%	1,415	66.4%
GBP/USD WKLY FRIDAY OPTION	2,047	1,835	11.6%	750	172.9%
GBP/USD WKLY FRIDAY OPTION	852	1,139	-25.2%	735	15.9%
GBP/USD WKLY FRIDAY OPTION	632	0	-	0	-
GBP/USD WKLY WED OPTIONS -	121	2,397	-95.0%	459	-73.6%
GBP/USD WKLY WED OPTIONS -	1,987	387	413.4%	334	494.9%
GBP/USD WKLY WED OPTIONS -	26	70	-62.9%	0	-
GBP/USD WKLY WED OPTIONS -	71	0	-	0	-
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	1,003	215	366.5%	80	1,153.8%
JPY/USD MONDAY OPTION WEE	2,628	262	903.1%	809	224.8%
JPY/USD MONDAY OPTION WEE	67	74	-9.5%	0	-
JPY/USD MONDAY OPTION WEE	0	0	0.0%	187	-100.0%
JPY/USD MONDAY OPTION WEE	0	0	-	0	0.0%
JPY/USD MONTHLY OPTIONS	102,742	88,843	15.6%	104,339	-1.5%
JPY/USD WKLY FRIDAY OPTION	0	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	3,808	3,324	14.6%	1,903	100.1%
JPY/USD WKLY FRIDAY OPTION	1,494	1,498	-0.3%	712	109.8%
JPY/USD WKLY FRIDAY OPTION	467	1,782	-73.8%	1,058	-55.9%
JPY/USD WKLY FRIDAY OPTION	2	0	-	0	-
JPY/USD WKLY WED OPTIONS -	3,995	2,513	59.0%	2,133	87.3%
JPY/USD WKLY WED OPTIONS -	818	592	38.2%	701	16.7%
JPY/USD WKLY WED OPTIONS -	613	507	20.9%	68	801.5%
JPY/USD WKLY WED OPTIONS -	2	0	-	908	-99.8%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	1,450	20,449	-92.9%	1,424	1.8%
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	34	16	112.5%	30,830	-99.9%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
RUB/USD MONTHLY OPTIONS	0	0	-	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	390	-100.0%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
<b>Foreign Exchange Futures</b>					
CHILEAN PESO	0	0	-	1	-100.0%
<b>Foreign Exchange Options</b>					
AUD/USD WKLY WED OPTIONS -	4	28	-85.7%	104	-96.2%
OTC AUDUSD SUB	8	0	-	9	-11.1%
OTC EURUSD SUB	150	0	-	75	100.0%
OTC GBPUSD SUB	2	0	-	18	-88.9%
OTC USDCAD SUB	193	0	-	24	704.2%
OTC USDJPY SUB	5	0	-	3	66.7%
<b>Ags Futures</b>					
FERTILIZER PRODUCTS	2,750	4,447	-38.2%	2,998	-8.3%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
<b>Ag Products Futures</b>					
BLOCK CHEESE	742	1,926	-61.5%	692	7.2%
BUTTER CS	9,873	11,557	-14.6%	9,581	3.0%
CASH-SETTLED CHEESE	21,489	17,653	21.7%	19,770	8.7%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	363,343	358,421	1.4%	313,206	16.0%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	0	250	-100.0%	0	-
CDD WEATHER	0	0	-	0	-
CHI WHEAT	341,154	372,678	-8.5%	350,871	-2.8%
CLASS IV MILK	7,091	15,307	-53.7%	8,196	-13.5%
COFFEE	0	0	-	0	-
CORN	1,248,175	1,467,483	-14.9%	1,298,164	-3.9%
DJ_UBS ROLL SELECT INDEX FU	11,525	9,051	27.3%	11,617	-0.8%
DOW-UBS COMMOD INDEX	60,775	41,024	48.1%	74,486	-18.4%
DRY WHEY	2,727	2,786	-2.1%	3,002	-9.2%
FEEDER CATTLE	50,707	46,983	7.9%	48,869	3.8%
FERTILIZER PRODUCS	0	0	-	0	-
GOLDMAN SACHS	955	1,566	-39.0%	1,120	-14.7%
GSCI EXCESS RETURN FUT	44,635	65,233	-31.6%	44,635	0.0%
HDD EURO SEASONAL STRIP	2,375	0	-	2,375	0.0%
HDD SEASONAL STRIP	3,900	500	680.0%	3,900	0.0%
HDD WEATHER	5,900	5,275	11.8%	16,650	-64.6%
HDD WEATHER EUROPEAN	7,500	3,725	101.3%	7,975	-6.0%
HOGS	217,279	276,395	-21.4%	215,162	1.0%
HOUSING INDEX	70	23	204.3%	69	1.4%
KC WHEAT	166,388	208,469	-20.2%	187,498	-11.3%
LUMBER	3,543	2,752	28.7%	3,041	16.5%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	26,450	33,561	-21.2%	26,536	-0.3%
MINI CORN	6,557	11,173	-41.3%	10,904	-39.9%
MINI SOYBEAN	15,468	25,383	-39.1%	19,215	-19.5%
MINI WHEAT	2,866	4,381	-34.6%	2,945	-2.7%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	9,553	10,532	-9.3%	10,144	-5.8%
OATS	4,116	3,173	29.7%	3,412	20.6%
OTC SP GSCI ER SWAP	32,515	0	-	50	64,930.0%
PACIFIC RIM DAT SS WTHR	0	1,000	-100.0%	0	-
PORK CUTOUT	320	1,563	-79.5%	433	-26.1%
ROUGH RICE	8,868	8,604	3.1%	7,696	15.2%
SOYBEAN	672,756	763,404	-11.9%	690,149	-2.5%
SOYBEAN MEAL	423,624	397,503	6.6%	425,993	-0.6%
SOYBEAN OIL	433,307	377,015	14.9%	426,376	1.6%
S&P GSCI ENHANCED ER SWAP	0	1,001	-100.0%	0	-
USD CRUDE PALM OIL	46,876	48,321	-3.0%	48,017	-2.4%
WHEAT	1,800	12,089	-85.1%	1,350	33.3%

### Ag Products Options

AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
BLOCK CHEESE	260	600	-56.7%	213	22.1%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
<b>Ag Products Options</b>					
BUTTER CS	6,661	8,786	-24.2%	6,796	-2.0%
CASH-SETTLED CHEESE	27,612	28,766	-4.0%	29,323	-5.8%
CATTLE	251,910	179,074	40.7%	245,388	2.7%
CDD SEASONAL STRIP	18,000	500	3,500.0%	0	-
CDD WEATHER	48,000	0	-	0	-
CHI WHEAT	256,482	286,089	-10.3%	272,722	-6.0%
CLASS IV MILK	34,355	32,503	5.7%	35,297	-2.7%
CORN	992,326	1,186,514	-16.4%	1,106,009	-10.3%
CORN NEARBY+2 CAL SPRD	52,040	44,117	18.0%	50,597	2.9%
DEC-DEC CORN CAL SPRD	0	0	-	0	-
DEC-JULY CORN CAL SPRD	0	1,200	-100.0%	0	-
DEC-JULY WHEAT CAL SPRD	180	0	-	0	-
DRY WHEY	1,300	281	362.6%	1,549	-16.1%
FEEDER CATTLE	53,867	42,097	28.0%	42,432	26.9%
HDD EURO SEASONAL STRIP	6,750	2,000	237.5%	6,750	0.0%
HDD SEASONAL STRIP	4,000	23,920	-83.3%	4,000	0.0%
HDD WEATHER	25,200	2,500	908.0%	26,700	-5.6%
HDD WEATHER EUROPEAN	20,000	1,000	1,900.0%	10,000	100.0%
HOGS	237,195	264,105	-10.2%	249,870	-5.1%
Intercommodity Spread	0	0	-	0	-
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	18,047	21,926	-17.7%	19,992	-9.7%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-
JULY-DEC SOY OIL CAL SPRD	2,150	0	-	2,150	0.0%
JULY-DEC WHEAT CAL SPRD	0	2,000	-100.0%	0	-
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	19,204	8,226	133.5%	13,453	42.7%
KC WHEAT	45,049	59,536	-24.3%	50,262	-10.4%
LUMBER	12	321	-96.3%	281	-95.7%
LV CATL CSO	30	0	-	25	20.0%
MAR-DEC CORN CAL SPRD	0	0	-	0	-
MAR-JULY CORN CAL SPRD	0	0	-	21,345	-100.0%
MAR-JULY SOYBEAN CAL SPRD	0	0	-	530	-100.0%
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	97,240	94,219	3.2%	105,533	-7.9%
MLK MID OPTIONS	10	26	-61.5%	7	42.9%
NFD MILK	14,448	14,317	0.9%	13,448	7.4%
NOV-JULY SOYBEAN CAL SPRD	0	300	-100.0%	0	-
NOV-MAR SOYBEAN CSO	10	0	-	0	-
OATS	198	397	-50.1%	193	2.6%
PORK CUTOUT	0	0	-	2	-100.0%
ROUGH RICE	2,230	1,111	100.7%	1,695	31.6%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-
SOYBEAN	395,722	690,892	-42.7%	471,948	-16.2%
SOYBEAN CRUSH	0	216	-100.0%	30	-100.0%
SOYBEAN MEAL	141,317	153,858	-8.2%	170,706	-17.2%
SOYBEAN OIL	113,467	140,899	-19.5%	124,053	-8.5%
SOYBN NEARBY+2 CAL SPRD	200	1,900	-89.5%	3,551	-94.4%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	200	-100.0%
SOY OIL NEARBY+2 CAL SPRD	100	0	-	25	300.0%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
<b>Ag Products Options</b>					
WHEAT	449	473	-5.1%	156	187.8%
WHEAT-CORN IC50	220	0	-	20	1,000.0%
WHEAT NEARBY+2 CAL SPRD	686	2,400	-71.4%	3,078	-77.7%
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	34,055,204	31,180,536	9.2%	32,720,259	4.1%
Equity Index Futures	4,328,572	4,621,354	-6.3%	4,125,647	4.9%
Metals Futures	995,365	1,175,111	-15.3%	1,083,650	-8.1%
Energy Futures	6,296,377	7,203,816	-12.6%	6,172,433	2.0%
FX Futures	2,105,532	2,045,984	2.9%	2,024,312	4.0%
Foreign Exchange Futures	0	0	-	1	-100.0%
Ags Futures	2,750	4,447	-38.2%	2,998	-8.3%
Ag Products Futures	4,255,222	4,607,760	-7.7%	4,294,099	-0.9%
<b>TOTAL FUTURES</b>	<b>52,039,022</b>	<b>50,839,008</b>	<b>2.4%</b>	<b>50,423,399</b>	<b>3.2%</b>
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	53,693,014	43,321,396	23.9%	47,970,113	11.9%
Equity Index Options	5,093,135	4,614,708	10.4%	4,826,937	5.5%
Metals Options	927,744	901,663	2.9%	954,837	-2.8%
Energy Options	6,290,116	5,929,712	6.1%	6,171,920	1.9%
FX Options	865,997	946,137	-8.5%	856,388	1.1%
Foreign Exchange Options	362	28	1,192.9%	233	55.4%
Ag Products Options	2,886,927	3,297,069	-12.4%	3,090,329	-6.6%
<b>TOTAL OPTIONS</b>	<b>69,757,295</b>	<b>59,010,713</b>	<b>18.2%</b>	<b>63,870,757</b>	<b>9.2%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	87,748,218	74,501,932	17.8%	80,690,372	8.7%
Equity Index	9,421,707	9,236,062	2.0%	8,952,584	5.2%
Metals	1,923,109	2,076,774	-7.4%	2,038,487	-5.7%
Energy	12,586,493	13,133,528	-4.2%	12,344,353	2.0%
FX	2,971,529	2,992,121	-0.7%	2,880,700	3.2%
Foreign Exchange	362	28	1,192.9%	234	54.7%
Ags	2,750	4,447	-38.2%	2,998	-8.3%
Ag Products	7,142,149	7,904,829	-9.6%	7,384,428	-3.3%
<b>GRAND TOTAL</b>	<b>121,796,317</b>	<b>109,849,721</b>	<b>10.9%</b>	<b>114,294,156</b>	<b>6.6%</b>

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