



CME Exchange Open Interest Report - Monthly

	Open Interest JUL 2023	Open Interest JUL 2022	% CHG	Open Interest JUN 2023	% CHG
Interest Rate Futures					
1-MONTH EURODOLLAR	0	43,471	-100.0%	0	-
BSBY 3-MONTH FUTURES	7,726	25,493	-69.7%	8,390	-7.9%
ESTR Basis Spread Futures	659	0	-	657	0.3%
ESTR Futures	7,113	0	-	7,001	1.6%
EURODOLLARS	0	9,490,993	-100.0%	0	-
FTIIE	313	61	413.1%	249	25.7%
SOFR	10,967,851	7,298,956	50.3%	10,444,136	5.0%
SONIA	3,688	8,152	-54.8%	3,688	0.0%
Interest Rate Options					
EURODOLLARS	0	23,648,758	-100.0%	0	-
EURO MIDCURVE	0	5,590,750	-100.0%	0	-
SOFR	29,588,482	7,434,390	298.0%	29,518,374	0.2%
SOFR MIDCURVE	5,935,934	1,301,033	356.2%	5,013,159	18.4%
SOFR MISCURVE	0	0	-	0	-

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Equity Index Futures					
BITCOIN	15,757	13,806	14.1%	18,264	-13.7%
E-mini FTSE China 50	0	18	-100.0%	0	-
E-MINI MIDCAP	39,036	53,588	-27.2%	37,982	2.8%
E-MINI NASDAQ 100	260,515	260,662	-0.1%	249,607	4.4%
E-MINI RUSSELL 1000	7,966	14,279	-44.2%	8,191	-2.7%
E-MINI RUSSELL 1000 GROWTH	4,328	4,958	-12.7%	4,367	-0.9%
E-MINI RUSSELL 1000 VALUE	13,530	21,000	-35.6%	13,604	-0.5%
E-MINI RUSSELL 2000	532,226	575,953	-7.6%	519,687	2.4%
E-MINI S&P500	2,234,537	2,339,217	-4.5%	2,217,777	0.8%
E-MINI S&P500 ESG	17,939	13,504	32.8%	16,461	9.0%
ETHER	0	0	-	0	-
ETHER FUTURES	3,343	4,003	-16.5%	4,960	-32.6%
FT-SE 100	0	0	-	0	-
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	12	32	-62.5%	17	-29.4%
MICRO BITCOIN	19,339	23,679	-18.3%	12,893	50.0%
MICRO E-MINI NASDAQ 100	132,724	70,554	88.1%	102,582	29.4%
MICRO E-MINI RUSSELL 2000	18,952	27,490	-31.1%	17,656	7.3%
MICRO E-MINI S&P500	217,539	144,579	50.5%	162,238	34.1%
MICRO ETHER	19,006	64,677	-70.6%	20,363	-6.7%
NASDAQ-100 VOLATILITY	0	20	-100.0%	0	-
NASDAQ BIOTECH SECTOR	21	73	-71.2%	27	-22.2%
Nearby BTIC+	0	100	-100.0%	0	-
NIKKEI 225 (\$) STOCK	16,555	13,627	21.5%	15,595	6.2%
NIKKEI 225 (YEN) STOCK	51,565	60,842	-15.2%	54,565	-5.5%
PHLX SEMICONDUCTOR SECTO	616	0	-	762	-19.2%
S&P 500	458,124	308,113	48.7%	440,426	4.0%
S&P 500 ANNUAL DIVIDEND IND	206,312	228,713	-9.8%	204,510	0.9%
S&P 500 QUARLY DIVIDEND IND	34,735	10,532	229.8%	29,953	16.0%
S&P 600 SMALLCAP EMINI	537	0	-	0	-
S&P BIOTECHNOLOGY SECTOR	211	0	-	209	1.0%
S&P COMMUNICATION SERVICE	5,628	2,325	142.1%	4,268	31.9%
S&P CONSUMER DISCRETIONAR	7,848	6,923	13.4%	8,530	-8.0%
S&P CONSUMER STAPLES SECT	15,357	16,135	-4.8%	15,768	-2.6%
S&P ENERGY SECTOR	24,140	33,540	-28.0%	23,410	3.1%
S&P FINANCIAL SECTOR	34,020	21,695	56.8%	33,704	0.9%
S&P HEALTH CARE SECTOR	14,821	21,142	-29.9%	13,725	8.0%
S&P INDUSTRIAL SECTOR	15,393	15,947	-3.5%	15,062	2.2%
S&P MATERIALS SECTOR	18,932	9,241	104.9%	17,919	5.7%
S&P OIL & GAS EXPLORATION A	39	0	-	9	333.3%
S&P REAL ESTATE SECTOR	9,640	3,869	149.2%	6,972	38.3%
S&P REGIONAL BANKS SECTOR	627	0	-	580	8.1%
S&P RETAIL SECTOR	699	0	-	786	-11.1%
S&P TECHNOLOGY SECTOR	11,902	10,644	11.8%	10,134	17.4%
S&P UTILITIES SECTOR	38,250	20,299	88.4%	26,003	47.1%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	65	202	-67.8%	23	182.6%
WATER INDEX FUTURES	0	0	-	0	-

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Equity Index Options					
BITCOIN OPTIONS	4,756	5,070	-6.2%	10,350	-54.0%
E-MINI NASDAQ 100	223,431	197,660	13.0%	223,927	-0.2%
E-MINI RUSSELL 2000	37,469	40,805	-8.2%	40,622	-7.8%
E-MINI S&P500	4,973,873	4,422,726	12.5%	4,898,448	1.5%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	1,945	0	-	2,605	-25.3%
EVENT CONTRACT S&P 500	0	0	-	0	0.0%
MICRO BITCOIN	9,707	10,013	-3.1%	9,562	1.5%
MICRO E-MINI NASDAQ 100	11,247	4,747	136.9%	10,118	11.2%
Micro E-mini S&P 500	48,139	44,142	9.1%	45,909	4.9%
MICRO ETHER	16,860	42,149	-60.0%	26,712	-36.9%
S&P 500	0	0	-	0	-
FX Futures					
AD/CD CROSS RATES	5	42	-88.1%	5	0.0%
AD/JY CROSS RATES	560	877	-36.1%	511	9.6%
AD/NE CROSS RATES	4,462	6,658	-33.0%	562	694.0%
AUSTRALIAN DOLLAR	147,655	166,254	-11.2%	146,712	0.6%
BP/JY CROSS RATES	1,801	2,182	-17.5%	1,751	2.9%
BP/SF CROSS RATES	3,288	1,746	88.3%	3,485	-5.7%
BRAZIL REAL	62,342	47,203	32.1%	65,703	-5.1%
BRITISH POUND	224,773	227,256	-1.1%	219,979	2.2%
CANADIAN DOLLAR	155,634	146,218	6.4%	160,537	-3.1%
CD/JY CROSS RATES	104	2	5,100.0%	162	-35.8%
CHILEAN PESO	0	1	-100.0%	0	-
CHINESE RENMINBI (CNH)	9,316	4,999	86.4%	11,675	-20.2%
CZECK KORUNA (EC)	1	0	-	1	0.0%
CZECK KORUNA (US)	2	2	0.0%	1	100.0%
EC/AD CROSS RATES	3,349	2,178	53.8%	3,435	-2.5%
EC/CD CROSS RATES	3,524	3,431	2.7%	3,591	-1.9%
EC/NOK CROSS RATES	1,875	1,744	7.5%	3,136	-40.2%
EC/SEK CROSS RATES	5,497	2,421	127.1%	5,606	-1.9%
EFX/BP CROSS RATES	28,575	31,762	-10.0%	28,322	0.9%
EFX/JY CROSS RATES	21,460	19,237	11.6%	23,209	-7.5%
EFX/SF CROSS RATES	9,649	14,194	-32.0%	11,230	-14.1%
E-MICRO USD/CAD	43	27	59.3%	32	34.4%
E-MICRO USD/CHF	60	35	71.4%	12	400.0%
E-MICRO USD/JPY	255	252	1.2%	463	-44.9%
E-MINI EURO FX	9,820	13,573	-27.7%	9,088	8.1%
E-MINI JAPANESE YEN	4,002	1,273	214.4%	1,926	107.8%
EURO FX	748,653	679,641	10.2%	725,122	3.2%
HUNGARIAN FORINT (EC)	3	0	-	4	-25.0%
HUNGARIAN FORINT (US)	2	1	100.0%	0	-
INDIAN RUPEE	1,706	1,581	7.9%	2,600	-34.4%
JAPANESE YEN	230,142	231,375	-0.5%	262,146	-12.2%
KOREAN WON	658	91	623.1%	2,423	-72.8%
MEXICAN PESO	238,149	198,773	19.8%	230,515	3.3%
MICRO AUD/USD	4,778	4,345	10.0%	4,688	1.9%
MICRO CAD/USD	2,866	2,624	9.2%	2,628	9.1%

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FX Futures					
MICRO CHF/USD	1,678	1,909	-12.1%	1,292	29.9%
MICRO EUR/USD	13,768	25,809	-46.7%	10,982	25.4%
MICRO GBP/USD	2,936	3,072	-4.4%	2,515	16.7%
MICRO INR/USD	17	10	70.0%	19	-10.5%
MICRO JPY/USD	0	0	-	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	34,911	43,458	-19.7%	34,456	1.3%
NKR/USD CROSS RATE	1,535	804	90.9%	1,040	47.6%
POLISH ZLOTY (EC)	96	102	-5.9%	65	47.7%
POLISH ZLOTY (US)	795	409	94.4%	729	9.1%
RMB USD	0	10	-100.0%	0	-
RUSSIAN RUBLE	0	135	-100.0%	0	-
S.AFRICAN RAND	35,564	31,155	14.2%	27,995	27.0%
SF/JY CROSS RATES	957	1,780	-46.2%	1,020	-6.2%
SHEKEL	18	16	12.5%	35	-48.6%
SKR/USD CROSS RATES	892	2,326	-61.7%	1,415	-37.0%
SWISS FRANC	43,836	45,010	-2.6%	38,163	14.9%
TURKISH LIRA	66	55	20.0%	66	0.0%
USDZAR	5	4	25.0%	5	0.0%
FX Options					
AUD/USD MONDAY OPTION WEE	4	13	-69.2%	578	-99.3%
AUD/USD MONDAY OPTION WEE	5	2	150.0%	107	-95.3%
AUD/USD MONDAY OPTION WEE	0	1	-100.0%	10	-100.0%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	82,635	90,326	-8.5%	80,829	2.2%
AUD/USD THURSDAY WKLY OPT	817	0	-	4	20,325.0%
AUD/USD THURSDAY WKLY OPT	1	0	-	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
AUD/USD TUESDAY WKLY OPT	22	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	1	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	757	536	41.2%	750	0.9%
AUD/USD WKLY FRIDAY OPTION	594	775	-23.4%	639	-7.0%
AUD/USD WKLY FRIDAY OPTION	696	653	6.6%	590	18.0%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
AUD/USD WKLY WED OPTIONS -	138	15	820.0%	262	-47.3%
AUD/USD WKLY WED OPTIONS -	9	185	-95.1%	8	12.5%
AUD/USD WKLY WED OPTIONS -	4	52	-92.3%	247	-98.4%
AUD/USD WKLY WED OPTIONS -	8	50	-84.0%	0	-
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	0	202	-100.0%	0	-
CAD/USD MONDAY OPTIONS WE	112	189	-40.7%	581	-80.7%
CAD/USD MONDAY OPTIONS WE	0	379	-100.0%	260	-100.0%

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FX Options					
CAD/USD MONDAY OPTIONS WE	0	5	-100.0%	0	-
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONTHLY OPTIONS	93,001	232,153	-59.9%	96,036	-3.2%
CAD/USD THURSDAY WKLY OPT	112	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
CAD/USD TUESDAY WKLY OPT	183	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	65	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	1,725	1,852	-6.9%	607	184.2%
CAD/USD WKLY FRIDAY OPTION	623	1,604	-61.2%	654	-4.7%
CAD/USD WKLY FRIDAY OPTION	731	422	73.2%	573	27.6%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
CAD/USD WKLY WED OPTIONS -	218	187	16.6%	1,287	-83.1%
CAD/USD WKLY WED OPTIONS -	455	689	-34.0%	519	-12.3%
CAD/USD WKLY WED OPTIONS -	15	2	650.0%	4	275.0%
CAD/USD WKLY WED OPTIONS -	19	0	-	0	-
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	8,791	6,573	33.7%	7,951	10.6%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	13	1	1,200.0%	2,517	-99.5%
CHF/USD WKLY FRIDAY OPTION	355	350	1.4%	551	-35.6%
CHF/USD WKLY FRIDAY OPTION	0	0	-	1,001	-100.0%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	137	1,094	-87.5%	2,674	-94.9%
EUR/USD MONDAY OPTION WEE	571	20	2,755.0%	634	-9.9%
EUR/USD MONDAY OPTION WEE	414	50	728.0%	1,499	-72.4%
EUR/USD MONDAY OPTION WEE	0	18	-100.0%	551	-100.0%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONTHLY OPTIONS	283,471	319,939	-11.4%	318,717	-11.1%
EUR/USD THURSDAY WKLY OPT	511	0	-	1,265	-59.6%
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
EUR/USD TUESDAY WKLY OPT	997	0	-	0	-
EUR/USD TUESDAY WKLY OPT	100	0	-	250	-60.0%
EUR/USD TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	51	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	14,352	3,916	266.5%	5,738	150.1%
EUR/USD WKLY FRIDAY OPTION	3,590	963	272.8%	3,450	4.1%

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FX Options					
EUR/USD WKLY FRIDAY OPTION	416	447	-6.9%	341	22.0%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/USD WKLY WED OPTIONS -	4,484	5,502	-18.5%	3,052	46.9%
EUR/USD WKLY WED OPTIONS -	1,378	1,401	-1.6%	1,358	1.5%
EUR/USD WKLY WED OPTIONS -	484	2	24,100.0%	755	-35.9%
EUR/USD WKLY WED OPTIONS -	274	0	-	1,334	-79.5%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
EVENT CONTRACT EUR/USD	0	0	-	0	0.0%
GBP/USD MONDAY OPTION WEE	6	1,317	-99.5%	677	-99.1%
GBP/USD MONDAY OPTION WEE	609	549	10.9%	793	-23.2%
GBP/USD MONDAY OPTION WEE	0	0	-	130	-100.0%
GBP/USD MONDAY OPTION WEE	0	4	-100.0%	0	-
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	98,646	100,174	-1.5%	102,862	-4.1%
GBP/USD THURSDAY WKLY OPT	14	0	-	4	250.0%
GBP/USD THURSDAY WKLY OPT	5	0	-	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
GBP/USD TUESDAY WKLY OPT	30	0	-	0	-
GBP/USD TUESDAY WKLY OPT	12	0	-	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	0	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	1,895	1,710	10.8%	2,069	-8.4%
GBP/USD WKLY FRIDAY OPTION	1,954	1,428	36.8%	755	158.8%
GBP/USD WKLY FRIDAY OPTION	507	685	-26.0%	536	-5.4%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
GBP/USD WKLY WED OPTIONS -	1,074	1,274	-15.7%	258	316.3%
GBP/USD WKLY WED OPTIONS -	167	137	21.9%	439	-62.0%
GBP/USD WKLY WED OPTIONS -	19	133	-85.7%	42	-54.8%
GBP/USD WKLY WED OPTIONS -	0	0	-	100	-100.0%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	289	715	-59.6%	746	-61.3%
JPY/USD MONDAY OPTION WEE	439	38	1,055.3%	601	-27.0%
JPY/USD MONDAY OPTION WEE	2	5	-60.0%	35	-94.3%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONTHLY OPTIONS	101,909	189,559	-46.2%	80,423	26.7%
JPY/USD THURSDAY WKLY OPT	1,212	0	-	1	121,100.0%
JPY/USD THURSDAY WKLY OPT	0	0	-	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	0.0%
JPY/USD TUESDAY WKLY OPT W	9	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	9	0	-	1,002	-99.1%
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	2	0	-	0	-



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FX Options					
JPY/USD WKLY FRIDAY OPTION	2,192	2,723	-19.5%	3,561	-38.4%
JPY/USD WKLY FRIDAY OPTION	1,408	750	87.7%	692	103.5%
JPY/USD WKLY FRIDAY OPTION	4,092	562	628.1%	527	676.5%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
JPY/USD WKLY WED OPTIONS -	6,051	3,380	79.0%	1,554	289.4%
JPY/USD WKLY WED OPTIONS -	1,660	1,183	40.3%	1,172	41.6%
JPY/USD WKLY WED OPTIONS -	298	45	562.2%	8	3,625.0%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	1,507	3,319	-54.6%	262	475.2%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD MONTHLY OPTIONS	41	6,655	-99.4%	17	141.2%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
RUB/USD MONTHLY OPTIONS	0	0	-	0	-
USD/CNH MONTHLY OPTIONS	750	0	-	750	0.0%
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	-



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	Open Interest JUL 2023	Open Interest JUL 2022	% CHG	Open Interest JUN 2023	% CHG
Ag Products Futures					
BLOCK CHEESE	1,573	836	88.2%	1,063	48.0%
BUTTER CS	10,062	10,876	-7.5%	8,600	17.0%
CASH-SETTLED CHEESE	24,170	21,318	13.4%	22,150	9.1%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	320,046	252,932	26.5%	345,174	-7.3%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	3,900	6,400	-39.1%	3,900	0.0%
CDD WEATHER	11,000	9,750	12.8%	11,250	-2.2%
CLASS IV MILK	6,040	14,597	-58.6%	5,181	16.6%
DRY WHEY	2,837	3,157	-10.1%	2,537	11.8%
FEEDER CATTLE	57,185	39,181	46.0%	60,144	-4.9%
GOLDMAN SACHS	590	1,582	-62.7%	546	8.1%
GSCI EXCESS RETURN FUT	35,164	60,428	-41.8%	35,454	-0.8%
HDD EURO SEASONAL STRIP	0	1,250	-100.0%	0	-
HDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	206,558	216,986	-4.8%	198,315	4.2%
HOUSING INDEX	66	65	1.5%	58	13.8%
LUMBER	5,987	2,149	178.6%	6,576	-9.0%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	27,395	32,621	-16.0%	25,536	7.3%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	8,859	9,086	-2.5%	7,975	11.1%
OTC SP GSCI ER SWAP	56,430	0	-	38,449	46.8%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	756	1,105	-31.6%	682	10.9%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-
USD CRUDE PALM OIL	45,178	49,899	-9.5%	47,965	-5.8%

CME Exchange Open Interest Report - Monthly

	Open Interest JUL 2023	Open Interest JUL 2022	% CHG	Open Interest JUN 2023	% CHG
Ag Products Options					
BLOCK CHEESE	1,372	2,107	-34.9%	934	46.9%
BUTTER CS	9,521	7,833	21.5%	6,930	37.4%
CASH-SETTLED CHEESE	33,313	35,369	-5.8%	27,246	22.3%
CATTLE	302,631	214,220	41.3%	273,925	10.5%
CDD SEASONAL STRIP	82,200	20,000	311.0%	82,200	0.0%
CDD WEATHER	60,000	0	-	74,500	-19.5%
CLASS IV MILK	32,595	34,397	-5.2%	22,488	44.9%
DRY WHEY	20	2,957	-99.3%	20	0.0%
FEEDER CATTLE	74,962	46,417	61.5%	66,791	12.2%
HDD EURO SEASONAL STRIP	23,000	2,500	820.0%	22,000	4.5%
HDD SEASONAL STRIP	29,500	0	-	15,000	96.7%
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	336,127	234,250	43.5%	327,973	2.5%
LUMBER	143	262	-45.4%	47	204.3%
LV CATL CSO	0	0	-	0	-
MILK	88,791	105,667	-16.0%	75,066	18.3%
MLK MID OPTIONS	10	22	-54.5%	6	66.7%
NFD MILK	13,557	12,605	7.6%	10,985	23.4%
PORK CUTOUT	4	0	-	0	-
TOTAL FUTURES GROUP					
Interest Rate Futures	10,987,350	16,867,126	-34.9%	10,464,121	5.0%
Equity Index Futures	4,502,786	4,415,981	2.0%	4,329,589	4.0%
FX Futures	2,062,083	1,968,062	4.8%	2,051,057	0.5%
Ag Products Futures	823,796	734,218	12.2%	821,555	0.3%
TOTAL FUTURES	18,376,015	23,985,387	-23.4%	17,666,322	4.0%
TOTAL OPTIONS GROUP					
Interest Rate Options	35,524,416	37,974,931	-6.5%	34,531,533	2.9%
Equity Index Options	5,327,427	4,767,312	11.7%	5,268,253	1.1%
FX Options	730,147	986,913	-26.0%	738,199	-1.1%
Ag Products Options	1,087,746	718,606	51.4%	1,006,111	8.1%
TOTAL OPTIONS	42,669,736	44,447,762	-4.0%	41,544,096	2.7%
TOTAL COMBINED					
Interest Rate	46,511,766	54,842,057	-15.2%	44,995,654	3.4%
Equity Index	9,830,213	9,183,293	7.0%	9,597,842	2.4%
FX	2,792,230	2,954,975	-5.5%	2,789,256	0.1%
Ag Products	1,911,542	1,452,824	31.6%	1,827,666	4.6%
GRAND TOTAL	61,045,751	68,433,149	-10.8%	59,210,418	3.1%