

## CME Exchange Open Interest Report - Monthly

	Open Interest JUN 2023	Open Interest JUN 2022	% CHG	Open Interest MAY 2023	% CHG
<b>Interest Rate Futures</b>					
1-MONTH EURODOLLAR	0	47,719	-100.0%	0	-
BSBY 3-MONTH FUTURES	8,390	24,907	-66.3%	12,003	-30.1%
ESTR Basis Spread Futures	657	0	-	512	28.3%
ESTR Futures	7,001	0	-	3,092	126.4%
EURODOLLARS	0	9,557,946	-100.0%	546,908	-100.0%
FTIIE	249	91	173.6%	127	96.1%
SOFR	10,444,136	6,371,384	63.9%	11,042,057	-5.4%
SONIA	3,688	8,209	-55.1%	4,241	-13.0%
<b>Interest Rate Options</b>					
EURODOLLARS	0	23,292,094	-100.0%	2,105,492	-100.0%
EURO MIDCURVE	0	6,222,926	-100.0%	0	-
SOFR	29,518,374	6,009,926	391.2%	36,505,454	-19.1%
SOFR MIDCURVE	5,013,159	1,231,435	307.1%	6,263,805	-20.0%
SOFR MISCURVE	0	0	-	0	-

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<b>Equity Index Futures</b>					
BITCOIN	18,264	14,108	29.5%	12,289	48.6%
E-mini FTSE China 50	0	107	-100.0%	0	-
E-MINI MIDCAP	37,982	57,286	-33.7%	38,573	-1.5%
E-MINI NASDAQ 100	249,607	254,509	-1.9%	299,220	-16.6%
E-MINI RUSSELL 1000	8,191	12,220	-33.0%	7,531	8.8%
E-MINI RUSSELL 1000 GROWTH	4,367	5,090	-14.2%	4,013	8.8%
E-MINI RUSSELL 1000 VALUE	13,604	26,714	-49.1%	13,004	4.6%
E-MINI RUSSELL 2000	519,687	595,266	-12.7%	541,734	-4.1%
E-MINI S&P500	2,217,777	2,279,573	-2.7%	2,450,957	-9.5%
E-MINI S&P500 ESG	16,461	13,360	23.2%	12,171	35.2%
ETHER	0	0	-	0	-
ETHER FUTURES	4,960	4,166	19.1%	2,997	65.5%
FT-SE 100	0	0	-	0	-
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	17	32	-46.9%	13	30.8%
MICRO BITCOIN	12,893	16,069	-19.8%	7,116	81.2%
MICRO E-MINI NASDAQ 100	102,582	58,793	74.5%	113,711	-9.8%
MICRO E-MINI RUSSELL 2000	17,656	18,824	-6.2%	26,755	-34.0%
MICRO E-MINI S&P500	162,238	109,423	48.3%	401,997	-59.6%
MICRO ETHER	20,363	36,050	-43.5%	13,240	53.8%
NASDAQ-100 VOLATILITY	0	20	-100.0%	0	-
NASDAQ BIOTECH SECTOR	27	84	-67.9%	23	17.4%
Nearby BTIC+	0	100	-100.0%	0	-
NIKKEI 225 (\$) STOCK	15,595	13,604	14.6%	15,179	2.7%
NIKKEI 225 (YEN) STOCK	54,565	57,090	-4.4%	61,366	-11.1%
PHLX SEMICONDUCTOR SECTO	762	0	-	165	361.8%
S&P 500	440,426	302,002	45.8%	441,620	-0.3%
S&P 500 ANNUAL DIVIDEND IND	204,510	228,177	-10.4%	206,860	-1.1%
S&P 500 QUARLY DIVIDEND IND	29,953	6,236	380.3%	41,632	-28.1%
S&P BIOTECHNOLOGY SECTOR	209	0	-	902	-76.8%
S&P COMMUNICATION SERVICE	4,268	2,272	87.9%	8,310	-48.6%
S&P CONSUMER DISCRETIONAR	8,530	8,561	-0.4%	7,257	17.5%
S&P CONSUMER STAPLES SECT	15,768	14,757	6.9%	14,176	11.2%
S&P ENERGY SECTOR	23,410	30,765	-23.9%	25,695	-8.9%
S&P FINANCIAL SECTOR	33,704	20,500	64.4%	30,751	9.6%
S&P HEALTH CARE SECTOR	13,725	19,623	-30.1%	18,412	-25.5%
S&P INDUSTRIAL SECTOR	15,062	13,994	7.6%	17,844	-15.6%
S&P MATERIALS SECTOR	17,919	5,922	202.6%	5,157	247.5%
S&P OIL & GAS EXPLORATION A	9	0	-	61	-85.2%
S&P REAL ESTATE SECTOR	6,972	3,374	106.6%	6,832	2.0%
S&P REGIONAL BANKS SECTOR	580	0	-	565	2.7%
S&P RETAIL SECTOR	786	0	-	30	2,520.0%
S&P TECHNOLOGY SECTOR	10,134	9,255	9.5%	13,360	-24.1%
S&P UTILITIES SECTOR	26,003	20,863	24.6%	27,676	-6.0%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	23	168	-86.3%	87	-73.6%
WATER INDEX FUTURES	0	4	-100.0%	2	-100.0%

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<b>Equity Index Options</b>					
BITCOIN OPTIONS	10,350	3,227	220.7%	7,808	32.6%
E-MINI NASDAQ 100	223,927	217,768	2.8%	234,760	-4.6%
E-MINI RUSSELL 2000	40,622	44,859	-9.4%	63,357	-35.9%
E-MINI S&P500	4,898,448	4,191,755	16.9%	5,206,627	-5.9%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	2,605	0	-	1,731	50.5%
EVENT CONTRACT S&P 500	0	0	-	0	0.0%
MICRO BITCOIN	9,562	6,284	52.2%	5,399	77.1%
MICRO E-MINI NASDAQ 100	10,118	4,741	113.4%	11,497	-12.0%
Micro E-mini S&P 500	45,909	41,870	9.6%	55,292	-17.0%
MICRO ETHER	26,712	3,757	611.0%	18,208	46.7%
S&P 500	0	0	-	0	-
<b>FX Futures</b>					
AD/CD CROSS RATES	5	37	-86.5%	20	-75.0%
AD/JY CROSS RATES	511	373	37.0%	649	-21.3%
AD/NE CROSS RATES	562	6,739	-91.7%	4,126	-86.4%
AUSTRALIAN DOLLAR	146,712	141,348	3.8%	209,578	-30.0%
BP/JY CROSS RATES	1,751	2,241	-21.9%	2,434	-28.1%
BP/SF CROSS RATES	3,485	1,433	143.2%	1,962	77.6%
BRAZIL REAL	65,703	59,103	11.2%	62,222	5.6%
BRITISH POUND	219,979	232,208	-5.3%	237,248	-7.3%
CANADIAN DOLLAR	160,537	138,048	16.3%	182,549	-12.1%
CD/JY CROSS RATES	162	2	8,000.0%	1	16,100.0%
CHILEAN PESO	0	1	-100.0%	0	-
CHINESE RENMINBI (CNH)	11,675	3,249	259.3%	4,492	159.9%
CZECK KORUNA (EC)	1	1	0.0%	0	-
CZECK KORUNA (US)	1	2	-50.0%	3	-66.7%
EC/AD CROSS RATES	3,435	2,363	45.4%	4,266	-19.5%
EC/CD CROSS RATES	3,591	3,479	3.2%	4,727	-24.0%
EC/NOK CROSS RATES	3,136	644	387.0%	3,174	-1.2%
EC/SEK CROSS RATES	5,606	1,530	266.4%	5,386	4.1%
EFX/BP CROSS RATES	28,322	34,560	-18.0%	32,859	-13.8%
EFX/JY CROSS RATES	23,209	18,436	25.9%	22,172	4.7%
EFX/SF CROSS RATES	11,230	10,729	4.7%	15,444	-27.3%
E-MICRO USD/CAD	32	21	52.4%	31	3.2%
E-MICRO USD/CHF	12	21	-42.9%	76	-84.2%
E-MICRO USD/JPY	463	151	206.6%	261	77.4%
E-MINI EURO FX	9,088	12,791	-29.0%	11,106	-18.2%
E-MINI JAPANESE YEN	1,926	832	131.5%	2,043	-5.7%
EURO FX	725,122	665,327	9.0%	782,170	-7.3%
HUNGARIAN FORINT (EC)	4	0	-	3	33.3%
HUNGARIAN FORINT (US)	0	0	-	0	-
INDIAN RUPEE	2,600	2,107	23.4%	3,441	-24.4%
JAPANESE YEN	262,146	217,729	20.4%	247,641	5.9%
KOREAN WON	2,423	115	2,007.0%	3,644	-33.5%
MEXICAN PESO	230,515	199,695	15.4%	223,638	3.1%
MICRO AUD/USD	4,688	4,768	-1.7%	9,767	-52.0%
MICRO CAD/USD	2,628	2,223	18.2%	6,021	-56.4%

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<b>FX Futures</b>					
MICRO CHF/USD	1,292	1,245	3.8%	1,724	-25.1%
MICRO EUR/USD	10,982	23,280	-52.8%	17,791	-38.3%
MICRO GBP/USD	2,515	3,950	-36.3%	4,186	-39.9%
MICRO INR/USD	19	100	-81.0%	13	46.2%
MICRO JPY/USD	0	0	-	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	34,456	41,976	-17.9%	40,399	-14.7%
NKR/USD CROSS RATE	1,040	742	40.2%	2,076	-49.9%
POLISH ZLOTY (EC)	65	105	-38.1%	108	-39.8%
POLISH ZLOTY (US)	729	416	75.2%	918	-20.6%
RMB USD	0	5	-100.0%	0	-
RUSSIAN RUBLE	0	189	-100.0%	0	-
S.AFRICAN RAND	27,995	31,344	-10.7%	44,300	-36.8%
SF/JY CROSS RATES	1,020	1,041	-2.0%	1,001	1.9%
SHEKEL	35	6	483.3%	33	6.1%
SKR/USD CROSS RATES	1,415	2,384	-40.6%	1,203	17.6%
SWISS FRANC	38,163	42,022	-9.2%	43,630	-12.5%
TURKISH LIRA	66	21	214.3%	75	-12.0%
USDZAR	5	4	25.0%	3	66.7%

<b>FX Options</b>					
AUD/USD MONDAY OPTION WEE	578	0	-	203	184.7%
AUD/USD MONDAY OPTION WEE	107	155	-31.0%	242	-55.8%
AUD/USD MONDAY OPTION WEE	10	86	-88.4%	0	-
AUD/USD MONDAY OPTION WEE	0	1	-100.0%	8	-100.0%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	80,829	89,465	-9.7%	65,655	23.1%
AUD/USD THURSDAY WKLY OPT	4	0	-	3	33.3%
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	-
AUD/USD TUESDAY WKLY OPT	0	0	-	1	-100.0%
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	0.0%
AUD/USD WKLY FRIDAY OPTION	0	1,310	-100.0%	916	-100.0%
AUD/USD WKLY FRIDAY OPTION	750	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	639	346	84.7%	1,252	-49.0%
AUD/USD WKLY FRIDAY OPTION	590	492	19.9%	646	-8.7%
AUD/USD WKLY FRIDAY OPTION	0	527	-100.0%	710	-100.0%
AUD/USD WKLY WED OPTIONS -	262	449	-41.6%	108	142.6%
AUD/USD WKLY WED OPTIONS -	8	209	-96.2%	73	-89.0%
AUD/USD WKLY WED OPTIONS -	247	0	-	72	243.1%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
BRL/USD MONTHLY OPTIONS	0	120	-100.0%	0	-
CAD/USD MONDAY OPTIONS WE	581	0	-	231	151.5%
CAD/USD MONDAY OPTIONS WE	260	602	-56.8%	466	-44.2%

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.

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<b>FX Options</b>					
CAD/USD MONDAY OPTIONS WE	0	343	-100.0%	0	-
CAD/USD MONDAY OPTIONS WE	0	1	-100.0%	63	-100.0%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONTHLY OPTIONS	96,036	207,731	-53.8%	72,283	32.9%
CAD/USD THURSDAY WKLY OPT	0	0	-	712	-100.0%
CAD/USD THURSDAY WKLY OPT	0	0	-	110	-100.0%
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	278	-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 TUESDAY WKLY OPT	0	0	-	0	0.0%
CAD/USD WKLY FRIDAY OPTION	0	1,782	-100.0%	2,417	-100.0%
CAD/USD WKLY FRIDAY OPTION	607	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	654	2,568	-74.5%	1,020	-35.9%
CAD/USD WKLY FRIDAY OPTION	573	827	-30.7%	589	-2.7%
CAD/USD WKLY FRIDAY OPTION	0	323	-100.0%	21	-100.0%
CAD/USD WKLY WED OPTIONS -	1,287	375	243.2%	1,567	-17.9%
CAD/USD WKLY WED OPTIONS -	519	445	16.6%	87	496.6%
CAD/USD WKLY WED OPTIONS -	4	0	-	0	-
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
CHF/USD MONTHLY OPTIONS	7,951	6,753	17.7%	37,451	-78.8%
CHF/USD WKLY FRIDAY OPTION	0	14	-100.0%	125	-100.0%
CHF/USD WKLY FRIDAY OPTION	2,517	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	551	11	4,909.1%	20	2,655.0%
CHF/USD WKLY FRIDAY OPTION	1,001	100	901.0%	97	932.0%
CHF/USD WKLY FRIDAY OPTION	0	0	-	1	-100.0%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	2,674	40	6,585.0%	1,814	47.4%
EUR/USD MONDAY OPTION WEE	634	812	-21.9%	1,437	-55.9%
EUR/USD MONDAY OPTION WEE	1,499	133	1,027.1%	0	-
EUR/USD MONDAY OPTION WEE	551	164	236.0%	1,408	-60.9%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONTHLY OPTIONS	318,717	269,159	18.4%	377,168	-15.5%
EUR/USD THURSDAY WKLY OPT	1,265	0	-	48	2,535.4%
EUR/USD THURSDAY WKLY OPT	0	0	-	240	-100.0%
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD TUESDAY WKLY OPT	250	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	0.0%
EUR/USD WKLY FRIDAY OPTION	0	9,639	-100.0%	11,375	-100.0%
EUR/USD WKLY FRIDAY OPTION	5,738	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	3,450	858	302.1%	1,824	89.1%

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<b>FX Options</b>					
EUR/USD WKLY FRIDAY OPTION	341	804	-57.6%	2,729	-87.5%
EUR/USD WKLY FRIDAY OPTION	0	435	-100.0%	206	-100.0%
EUR/USD WKLY WED OPTIONS -	3,052	3,128	-2.4%	2,841	7.4%
EUR/USD WKLY WED OPTIONS -	1,358	1,009	34.6%	1,270	6.9%
EUR/USD WKLY WED OPTIONS -	755	87	767.8%	164	360.4%
EUR/USD WKLY WED OPTIONS -	1,334	0	-	0	-
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
EVENT CONTRACT EUR/USD	0	0	-	0	0.0%
GBP/USD MONDAY OPTION WEE	677	199	240.2%	690	-1.9%
GBP/USD MONDAY OPTION WEE	793	444	78.6%	1,251	-36.6%
GBP/USD MONDAY OPTION WEE	130	269	-51.7%	0	-
GBP/USD MONDAY OPTION WEE	0	106	-100.0%	1,195	-100.0%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	102,862	98,884	4.0%	101,174	1.7%
GBP/USD THURSDAY WKLY OPT	4	0	-	82	-95.1%
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	-
GBP/USD THURSDAY 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 TUESDAY WKLY OPT	0	0	-	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	0.0%
GBP/USD WKLY FRIDAY OPTION	0	1,831	-100.0%	2,279	-100.0%
GBP/USD WKLY FRIDAY OPTION	2,069	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	755	1,058	-28.6%	1,015	-25.6%
GBP/USD WKLY FRIDAY OPTION	536	911	-41.2%	1,729	-69.0%
GBP/USD WKLY FRIDAY OPTION	0	783	-100.0%	508	-100.0%
GBP/USD WKLY WED OPTIONS -	258	293	-11.9%	8	3,125.0%
GBP/USD WKLY WED OPTIONS -	439	177	148.0%	254	72.8%
GBP/USD WKLY WED OPTIONS -	42	39	7.7%	0	-
GBP/USD WKLY WED OPTIONS -	100	98	2.0%	0	-
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
JPY/USD MONDAY OPTION WEE	746	1	74,500.0%	311	139.9%
JPY/USD MONDAY OPTION WEE	601	403	49.1%	655	-8.2%
JPY/USD MONDAY OPTION WEE	35	44	-20.5%	0	-
JPY/USD MONDAY OPTION WEE	0	604	-100.0%	340	-100.0%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONTHLY OPTIONS	80,423	157,510	-48.9%	95,943	-16.2%
JPY/USD THURSDAY WKLY OPT	1	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	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	-
JPY/USD TUESDAY WKLY OPT W	1,002	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	0.0%
JPY/USD WKLY FRIDAY OPTION	0	10,798	-100.0%	2,822	-100.0%

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<b>FX Options</b>					
JPY/USD WKLY FRIDAY OPTION	3,561	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	692	1,703	-59.4%	1,851	-62.6%
JPY/USD WKLY FRIDAY OPTION	527	1,360	-61.3%	506	4.2%
JPY/USD WKLY FRIDAY OPTION	0	608	-100.0%	1	-100.0%
JPY/USD WKLY WED OPTIONS -	1,554	3,461	-55.1%	1,613	-3.7%
JPY/USD WKLY WED OPTIONS -	1,172	907	29.2%	761	54.0%
JPY/USD WKLY WED OPTIONS -	8	149	-94.6%	0	-
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
MXN/USD MONTHLY OPTIONS	262	3,315	-92.1%	442	-40.7%
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	17	6,652	-99.7%	541	-96.9%
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	-	51	1,370.6%
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	-

## CME Exchange Open Interest Report - Monthly

	Open Interest JUN 2023	Open Interest JUN 2022	% CHG	Open Interest MAY 2023	% CHG
<b>Ag Products Futures</b>					
BLOCK CHEESE	1,063	537	98.0%	1,163	-8.6%
BUTTER CS	8,600	8,912	-3.5%	10,466	-17.8%
CASH-SETTLED CHEESE	22,150	17,939	23.5%	27,253	-18.7%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	345,174	286,510	20.5%	330,742	4.4%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	3,900	6,400	-39.1%	3,850	1.3%
CDD WEATHER	11,250	16,650	-32.4%	4,300	161.6%
CLASS IV MILK	5,181	12,274	-57.8%	5,990	-13.5%
DRY WHEY	2,537	2,728	-7.0%	3,686	-31.2%
FEEDER CATTLE	60,144	43,195	39.2%	65,349	-8.0%
GOLDMAN SACHS	546	1,761	-69.0%	545	0.2%
GSCI EXCESS RETURN FUT	35,454	60,428	-41.3%	37,102	-4.4%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	198,315	185,945	6.7%	229,078	-13.4%
HOUSING INDEX	58	64	-9.4%	54	7.4%
LUMBER	6,576	2,335	181.6%	6,753	-2.6%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	25,536	28,394	-10.1%	28,011	-8.8%
MLK MID OPTIONS	0	0	0.0%	0	-
NFD MILK	7,975	7,822	2.0%	9,385	-15.0%
OTC SP GSCI ER SWAP	38,449	0	-	58,917	-34.7%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	682	1,320	-48.3%	595	14.6%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-
USD CRUDE PALM OIL	47,965	48,318	-0.7%	51,605	-7.1%

## CME Exchange Open Interest Report - Monthly

	Open Interest JUN 2023	Open Interest JUN 2022	% CHG	Open Interest MAY 2023	% CHG
<b>Ag Products Options</b>					
BLOCK CHEESE	934	2,041	-54.2%	816	14.5%
BUTTER CS	6,930	6,704	3.4%	8,167	-15.1%
CASH-SETTLED CHEESE	27,246	29,976	-9.1%	29,773	-8.5%
CATTLE	273,925	195,392	40.2%	278,451	-1.6%
CDD SEASONAL STRIP	82,200	20,000	311.0%	64,700	27.0%
CDD WEATHER	74,500	600	12,316.7%	62,500	19.2%
CLASS IV MILK	22,488	29,857	-24.7%	30,203	-25.5%
DRY WHEY	20	2,622	-99.2%	472	-95.8%
FEEDER CATTLE	66,791	38,801	72.1%	52,636	26.9%
HDD EURO SEASONAL STRIP	22,000	0	-	0	-
HDD SEASONAL STRIP	15,000	0	-	0	-
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	327,973	221,698	47.9%	307,545	6.6%
LUMBER	47	157	-70.1%	123	-61.8%
LV CATL CSO	0	0	-	0	0.0%
MILK	75,066	79,915	-6.1%	88,041	-14.7%
MLK MID OPTIONS	6	22	-72.7%	10	-40.0%
NFD MILK	10,985	9,858	11.4%	11,673	-5.9%
PORK CUTOOT	0	0	-	0	-
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	10,464,121	16,010,256	-34.6%	11,608,940	-9.9%
Equity Index Futures	4,329,589	4,258,961	1.7%	4,889,283	-11.4%
FX Futures	2,051,057	1,911,136	7.3%	2,240,614	-8.5%
Ag Products Futures	821,555	731,532	12.3%	874,844	-6.1%
<b>TOTAL FUTURES</b>	<b>17,666,322</b>	<b>22,911,885</b>	<b>-22.9%</b>	<b>19,613,681</b>	<b>-9.9%</b>
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	34,531,533	36,756,381	-6.1%	44,874,751	-23.0%
Equity Index Options	5,268,253	4,514,261	16.7%	5,604,679	-6.0%
FX Options	738,199	893,910	-17.4%	805,973	-8.4%
Ag Products Options	1,006,111	637,643	57.8%	935,110	7.6%
<b>TOTAL OPTIONS</b>	<b>41,544,096</b>	<b>42,802,195</b>	<b>-2.9%</b>	<b>52,220,513</b>	<b>-20.4%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	44,995,654	52,766,637	-14.7%	56,483,691	-20.3%
Equity Index	9,597,842	8,773,222	9.4%	10,493,962	-8.5%
FX	2,789,256	2,805,046	-0.6%	3,046,587	-8.4%
Ag Products	1,827,666	1,369,175	33.5%	1,809,954	1.0%
<b>GRAND TOTAL</b>	<b>59,210,418</b>	<b>65,714,080</b>	<b>-9.9%</b>	<b>71,834,194</b>	<b>-17.6%</b>