



## CME Exchange Open Interest Report - Monthly

	Open Interest APR 2023	Open Interest APR 2022	% CHG	Open Interest MAR 2023	% CHG
<b>Interest Rate Futures</b>					
1-MONTH EURODOLLAR	1,000	57,855	-98.3%	0	-
BSBY 3-MONTH FUTURES	12,123	25,364	-52.2%	11,451	5.9%
ESTR Basis Spread Futures	589	0	-	663	-11.2%
ESTR Futures	1,963	0	-	1,526	28.6%
EURODOLLARS	622,582	10,554,394	-94.1%	4,693,286	-86.7%
FTIIE	147	107	37.4%	193	-23.8%
SOFR	10,532,890	5,199,781	102.6%	10,229,603	3.0%
SONIA	4,241	8,815	-51.9%	4,241	0.0%
<b>Interest Rate Options</b>					
EURODOLLARS	2,004,022	26,119,904	-92.3%	5,472,834	-63.4%
EURO MIDCURVE	0	9,733,760	-100.0%	297,884	-100.0%
SOFR	34,063,179	1,429,156	2,283.4%	31,857,551	6.9%
SOFR MIDCURVE	5,844,394	484,214	1,107.0%	6,569,366	-11.0%
SOFR MISCURVE	0	0	-	700	-100.0%

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<b>Equity Index Futures</b>					
BITCOIN	13,412	10,119	32.5%	15,835	-15.3%
E-mini FTSE China 50	0	411	-100.0%	0	-
E-MINI MIDCAP	37,827	53,345	-29.1%	39,842	-5.1%
E-MINI NASDAQ 100	262,074	231,796	13.1%	237,351	10.4%
E-MINI RUSSELL 1000	7,636	13,134	-41.9%	7,488	2.0%
E-MINI RUSSELL 1000 GROWTH	3,944	4,975	-20.7%	3,711	6.3%
E-MINI RUSSELL 1000 VALUE	13,199	28,461	-53.6%	12,519	5.4%
E-MINI RUSSELL 2000	533,302	515,257	3.5%	493,590	8.0%
E-MINI S&P500	2,308,482	2,237,868	3.2%	2,218,326	4.1%
E-MINI S&P500 ESG	11,785	13,570	-13.2%	10,957	7.6%
ETHER	0	0	-	0	-
ETHER FUTURES	3,578	3,597	-0.5%	4,919	-27.3%
FT-SE 100	0	2	-100.0%	0	-
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	12	26	-53.8%	12	0.0%
MICRO BITCOIN	12,095	20,299	-40.4%	17,376	-30.4%
MICRO E-MINI NASDAQ 100	92,751	100,567	-7.8%	76,146	21.8%
MICRO E-MINI RUSSELL 2000	20,356	27,233	-25.3%	17,390	17.1%
MICRO E-MINI S&P500	273,318	161,214	69.5%	135,888	101.1%
MICRO ETHER	22,300	67,226	-66.8%	26,924	-17.2%
NASDAQ-100 VOLATILITY	5	10	-50.0%	25	-80.0%
NASDAQ BIOTECH SECTOR	23	47	-51.1%	26	-11.5%
Nearby BTIC+	0	250	-100.0%	0	-
NIKKEI 225 (\$) STOCK	12,538	11,059	13.4%	10,799	16.1%
NIKKEI 225 (YEN) STOCK	47,090	40,248	17.0%	36,217	30.0%
PHLX SEMICONDUCTOR SECTO	362	0	-	34	964.7%
S&P 500	410,343	294,579	39.3%	385,140	6.5%
S&P 500 ANNUAL DIVIDEND IND	200,037	217,089	-7.9%	197,804	1.1%
S&P 500 QUARLY DIVIDEND IND	36,133	8,717	314.5%	29,145	24.0%
S&P BIOTECHNOLOGY SECTOR	1,439	0	-	325	342.8%
S&P COMMUNICATION SERVICE	3,968	2,012	97.2%	2,412	64.5%
S&P CONSUMER DISCRETIONAR	4,816	5,262	-8.5%	4,571	5.4%
S&P CONSUMER STAPLES SECT	14,351	18,497	-22.4%	14,692	-2.3%
S&P ENERGY SECTOR	22,533	40,930	-44.9%	19,661	14.6%
S&P FINANCIAL SECTOR	37,712	26,970	39.8%	33,406	12.9%
S&P HEALTH CARE SECTOR	22,172	20,660	7.3%	20,546	7.9%
S&P INDUSTRIAL SECTOR	18,332	17,833	2.8%	15,656	17.1%
S&P MATERIALS SECTOR	5,509	6,630	-16.9%	5,009	10.0%
S&P OIL & GAS EXPLORATION A	63	0	-	35	80.0%
S&P REAL ESTATE SECTOR	6,971	7,147	-2.5%	6,608	5.5%
S&P REGIONAL BANKS SECTOR	594	0	-	46	1,191.3%
S&P RETAIL SECTOR	30	0	-	30	0.0%
S&P TECHNOLOGY SECTOR	11,399	10,963	4.0%	12,421	-8.2%
S&P UTILITIES SECTOR	24,064	18,313	31.4%	25,519	-5.7%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	45	181	-75.1%	15	200.0%
WATER INDEX FUTURES	2	46	-95.7%	6	-66.7%



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<b>Equity Index Options</b>					
BITCOIN OPTIONS	13,307	2,224	498.3%	14,677	-9.3%
E-MINI NASDAQ 100	164,626	247,713	-33.5%	168,225	-2.1%
E-MINI RUSSELL 2000	49,452	55,863	-11.5%	39,114	26.4%
E-MINI S&P500	5,023,186	4,602,929	9.1%	4,817,430	4.3%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	2,032	0	-	1,831	11.0%
EVENT CONTRACT S&P 500	0	0	-	0	0.0%
MICRO BITCOIN	6,301	2,654	137.4%	3,939	60.0%
MICRO E-MINI NASDAQ 100	6,740	6,089	10.7%	5,919	13.9%
Micro E-mini S&P 500	50,025	44,411	12.6%	46,899	6.7%
MICRO ETHER	16,371	26,220	-37.6%	18,342	-10.7%
S&P 500	0	0	-	0	-
<b>FX Futures</b>					
AD/CD CROSS RATES	21	54	-61.1%	19	10.5%
AD/JY CROSS RATES	596	335	77.9%	1,091	-45.4%
AD/NE CROSS RATES	1,112	5,927	-81.2%	2,462	-54.8%
AUSTRALIAN DOLLAR	183,445	141,465	29.7%	154,210	19.0%
BP/JY CROSS RATES	1,973	2,528	-22.0%	1,727	14.2%
BP/SF CROSS RATES	1,151	1,826	-37.0%	2,531	-54.5%
BRAZIL REAL	81,368	72,215	12.7%	49,650	63.9%
BRITISH POUND	241,606	271,193	-10.9%	211,755	14.1%
CANADIAN DOLLAR	165,152	154,361	7.0%	173,983	-5.1%
CD/JY CROSS RATES	0	3	-100.0%	0	-
CHILEAN PESO	0	0	-	0	-
CHINESE RENMINBI (CNH)	3,403	8,626	-60.5%	3,536	-3.8%
CZECK KORUNA (EC)	0	2	-100.0%	0	-
CZECK KORUNA (US)	4	1	300.0%	3	33.3%
EC/AD CROSS RATES	3,944	1,900	107.6%	3,387	16.4%
EC/CD CROSS RATES	4,745	4,099	15.8%	4,786	-0.9%
EC/NOK CROSS RATES	2,617	1,360	92.4%	2,748	-4.8%
EC/SEK CROSS RATES	5,412	1,400	286.6%	5,399	0.2%
EFX/BP CROSS RATES	29,898	30,501	-2.0%	29,624	0.9%
EFX/JY CROSS RATES	21,671	23,772	-8.8%	19,423	11.6%
EFX/SF CROSS RATES	14,843	15,039	-1.3%	16,072	-7.6%
E-MICRO USD/CAD	67	16	318.8%	27	148.1%
E-MICRO USD/CHF	107	28	282.1%	76	40.8%
E-MICRO USD/JPY	158	397	-60.2%	256	-38.3%
E-MINI EURO FX	9,586	14,983	-36.0%	10,169	-5.7%
E-MINI JAPANESE YEN	964	890	8.3%	818	17.8%
EURO FX	778,739	695,379	12.0%	743,516	4.7%
HUNGARIAN FORINT (EC)	3	1	200.0%	3	0.0%
HUNGARIAN FORINT (US)	1	0	-	0	-
INDIAN RUPEE	3,802	852	346.2%	3,104	22.5%
JAPANESE YEN	198,780	253,383	-21.5%	167,721	18.5%
KOREAN WON	3,652	129	2,731.0%	1,390	162.7%
MEXICAN PESO	268,651	155,178	73.1%	244,404	9.9%
MICRO AUD/USD	9,155	3,756	143.7%	5,422	68.8%
MICRO CAD/USD	4,697	1,976	137.7%	3,779	24.3%

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 Futures</b>					
MICRO CHF/USD	1,581	1,650	-4.2%	1,195	32.3%
MICRO EUR/USD	14,675	33,328	-56.0%	12,850	14.2%
MICRO GBP/USD	4,172	5,269	-20.8%	3,081	35.4%
MICRO INR/USD	6	11	-45.5%	10	-40.0%
MICRO JPY/USD	0	0	-	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	37,715	49,066	-23.1%	34,363	9.8%
NKR/USD CROSS RATE	2,013	1,134	77.5%	1,877	7.2%
POLISH ZLOTY (EC)	96	187	-48.7%	93	3.2%
POLISH ZLOTY (US)	740	457	61.9%	663	11.6%
RMB USD	0	0	-	0	-
RUSSIAN RUBLE	0	795	-100.0%	0	-
S.AFRICAN RAND	32,537	21,954	48.2%	30,256	7.5%
SF/JY CROSS RATES	1,090	976	11.7%	776	40.5%
SHEKEL	11	2	450.0%	12	-8.3%
SKR/USD CROSS RATES	922	2,663	-65.4%	900	2.4%
SWISS FRANC	43,925	49,035	-10.4%	36,315	21.0%
TURKISH LIRA	74	56	32.1%	74	0.0%
USDZAR	0	0	-	0	-
<b>FX Options</b>					
AUD/USD MONDAY OPTION WEE	50	47	6.4%	18	177.8%
AUD/USD MONDAY OPTION WEE	1	13	-92.3%	281	-99.6%
AUD/USD MONDAY OPTION WEE	6	538	-98.9%	0	-
AUD/USD MONDAY OPTION WEE	4	0	-	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	56,624	166,805	-66.1%	62,366	-9.2%
AUD/USD THURSDAY WKLY OPT	12	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 THURSDAY WKLY OPT	0	0	-	0	0.0%
AUD/USD TUESDAY WKLY OPT	11	0	-	19	-42.1%
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	0	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	642	1,045	-38.6%	1,903	-66.3%
AUD/USD WKLY FRIDAY OPTION	631	872	-27.6%	793	-20.4%
AUD/USD WKLY FRIDAY OPTION	2,125	511	315.9%	592	259.0%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
AUD/USD WKLY WED OPTIONS -	44	172	-74.4%	115	-61.7%
AUD/USD WKLY WED OPTIONS -	14	509	-97.2%	187	-92.5%
AUD/USD WKLY WED OPTIONS -	61	13	369.2%	8	662.5%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	200	258	-22.5%	0	-
CAD/USD MONDAY OPTIONS WE	993	213	366.2%	1,676	-40.8%
CAD/USD MONDAY OPTIONS WE	768	484	58.7%	939	-18.2%

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<b>FX Options</b>					
CAD/USD MONDAY OPTIONS WE	7	1,138	-99.4%	5	40.0%
CAD/USD MONDAY OPTIONS WE	4	93	-95.7%	186	-97.8%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONTHLY OPTIONS	79,135	217,930	-63.7%	134,628	-41.2%
CAD/USD THURSDAY WKLY OPT	0	0	-	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	161	-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	0.0%
CAD/USD TUESDAY WKLY OPT	0	0	-	420	-100.0%
CAD/USD TUESDAY WKLY OPT	0	0	-	300	-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	0	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	1,104	729	51.4%	1,427	-22.6%
CAD/USD WKLY FRIDAY OPTION	884	792	11.6%	771	14.7%
CAD/USD WKLY FRIDAY OPTION	654	665	-1.7%	858	-23.8%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
CAD/USD WKLY WED OPTIONS -	1,018	1,033	-1.5%	890	14.4%
CAD/USD WKLY WED OPTIONS -	153	550	-72.2%	25	512.0%
CAD/USD WKLY WED OPTIONS -	27	314	-91.4%	9	200.0%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	9,631	6,121	57.3%	7,160	34.5%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	638	79	707.6%	387	64.9%
CHF/USD WKLY FRIDAY OPTION	484	13	3,623.1%	13	3,623.1%
CHF/USD WKLY FRIDAY OPTION	3	0	-	867	-99.7%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	1,750	-100.0%	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EURODOLLARS	0	0	-	0	0.0%
EURO FX	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	1,662	1,367	21.6%	704	136.1%
EUR/USD MONDAY OPTION WEE	638	84	659.5%	924	-31.0%
EUR/USD MONDAY OPTION WEE	72	102	-29.4%	172	-58.1%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONTHLY OPTIONS	374,936	267,626	40.1%	396,301	-5.4%
EUR/USD THURSDAY WKLY OPT	661	0	-	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	60	-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	0.0%
EUR/USD TUESDAY WKLY OPT	15	0	-	20	-25.0%
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 TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	0	0	-	0	-

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<b>FX Options</b>					
EUR/USD WKLY FRIDAY OPTION	4,882	4,205	16.1%	6,130	-20.4%
EUR/USD WKLY FRIDAY OPTION	676	1,386	-51.2%	693	-2.5%
EUR/USD WKLY FRIDAY OPTION	954	706	35.1%	1,137	-16.1%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/USD WKLY WED OPTIONS -	6,062	3,727	62.7%	4,199	44.4%
EUR/USD WKLY WED OPTIONS -	1,243	1,334	-6.8%	2,401	-48.2%
EUR/USD WKLY WED OPTIONS -	223	79	182.3%	44	406.8%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	161	542	-70.3%	442	-63.6%
GBP/USD MONDAY OPTION WEE	189	19	894.7%	30	530.0%
GBP/USD MONDAY OPTION WEE	1	217	-99.5%	9	-88.9%
GBP/USD MONDAY OPTION WEE	14	65	-78.5%	0	-
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	88,111	117,793	-25.2%	91,786	-4.0%
GBP/USD THURSDAY WKLY OPT	400	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	0.0%
GBP/USD TUESDAY WKLY OPT	1	0	-	1	0.0%
GBP/USD TUESDAY WKLY OPT	888	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	1,045	2,218	-52.9%	705	48.2%
GBP/USD WKLY FRIDAY OPTION	5,648	2,349	140.4%	796	609.5%
GBP/USD WKLY FRIDAY OPTION	509	1,286	-60.4%	742	-31.4%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
GBP/USD WKLY WED OPTIONS -	1,701	1,628	4.5%	770	120.9%
GBP/USD WKLY WED OPTIONS -	91	121	-24.8%	0	-
GBP/USD WKLY WED OPTIONS -	25	480	-94.8%	260	-90.4%
GBP/USD WKLY WED OPTIONS -	0	20	-100.0%	0	-
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	329	684	-51.9%	539	-39.0%
JPY/USD MONDAY OPTION WEE	5	867	-99.4%	17	-70.6%
JPY/USD MONDAY OPTION WEE	0	84	-100.0%	13	-100.0%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONTHLY OPTIONS	90,577	135,967	-33.4%	92,383	-2.0%
JPY/USD THURSDAY WKLY OPT	3	0	-	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	6	-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	0.0%
JPY/USD TUESDAY WKLY OPT W	10	0	-	4	150.0%
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 TUESDAY WKLY OPT W	0	0	-	0	-



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<b>FX Options</b>					
JPY/USD WKLY FRIDAY OPTION	0	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	1,555	2,226	-30.1%	1,286	20.9%
JPY/USD WKLY FRIDAY OPTION	629	1,028	-38.8%	491	28.1%
JPY/USD WKLY FRIDAY OPTION	479	889	-46.1%	491	-2.4%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
JPY/USD WKLY WED OPTIONS -	2,752	3,616	-23.9%	1,799	53.0%
JPY/USD WKLY WED OPTIONS -	836	1,515	-44.8%	1,289	-35.1%
JPY/USD WKLY WED OPTIONS -	870	20	4,250.0%	7	12,328.6%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	385	3,813	-89.9%	197	95.4%
MXN/USD WKLY FRIDAY OPTION	0	15	-100.0%	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD MONTHLY OPTIONS	529	128	313.3%	91	481.3%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
PY/USD THURSDAY WKLY OPT	0	0	-	0	-
PY/USD TUESDAY WKLY OPT W	0	0	-	0	-
RUB/USD MONTHLY OPTIONS	0	0	-	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	-



## CME Exchange Open Interest Report - Monthly

	Open Interest APR 2023	Open Interest APR 2022	% CHG	Open Interest MAR 2023	% CHG
<b>Ag Products Futures</b>					
BLOCK CHEESE	813	1,163	-30.1%	915	-11.1%
BUTTER CS	9,943	11,506	-13.6%	9,950	-0.1%
CASH-SETTLED CHEESE	24,355	18,240	33.5%	22,131	10.0%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	351,260	309,775	13.4%	322,123	9.0%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	3,700	2,300	60.9%	2,450	51.0%
CDD WEATHER	500	4,000	-87.5%	0	-
CLASS IV MILK	5,142	14,189	-63.8%	6,046	-15.0%
DRY WHEY	3,347	2,863	16.9%	3,061	9.3%
FEEDER CATTLE	62,640	43,891	42.7%	61,629	1.6%
GOLDMAN SACHS	588	1,381	-57.4%	555	5.9%
GSCI EXCESS RETURN FUT	37,102	65,593	-43.4%	37,102	0.0%
HDD EURO SEASONAL STRIP	0	0	-	2,375	-100.0%
HDD SEASONAL STRIP	0	0	-	2,900	-100.0%
HDD WEATHER	0	0	-	2,000	-100.0%
HDD WEATHER EUROPEAN	0	0	-	2,500	-100.0%
HOGS	228,712	222,821	2.6%	224,104	2.1%
HOUSING INDEX	47	33	42.4%	40	17.5%
LUMBER	4,746	2,686	76.7%	4,091	16.0%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	23,772	35,089	-32.3%	24,949	-4.7%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	9,721	9,519	2.1%	10,026	-3.0%
OTC SP GSCI ER SWAP	56,430	0	-	38,449	46.8%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	481	1,304	-63.1%	426	12.9%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-
USD CRUDE PALM OIL	53,005	52,454	1.1%	54,045	-1.9%



## CME Exchange Open Interest Report - Monthly

	Open Interest APR 2023	Open Interest APR 2022	% CHG	Open Interest MAR 2023	% CHG
<b>Ag Products Options</b>					
BLOCK CHEESE	709	813	-12.8%	542	30.8%
BUTTER CS	7,004	8,733	-19.8%	7,215	-2.9%
CASH-SETTLED CHEESE	26,265	32,145	-18.3%	27,108	-3.1%
CATTLE	261,774	200,892	30.3%	289,169	-9.5%
CDD SEASONAL STRIP	40,500	9,250	337.8%	21,000	92.9%
CDD WEATHER	59,000	0	-	54,000	9.3%
CLASS IV MILK	30,484	33,495	-9.0%	33,973	-10.3%
DRY WHEY	674	2,698	-75.0%	994	-32.2%
FEEDER CATTLE	58,153	37,338	55.7%	55,417	4.9%
HDD EURO SEASONAL STRIP	0	0	-	6,750	-100.0%
HDD SEASONAL STRIP	0	0	-	3,500	-100.0%
HDD WEATHER	0	0	-	7,000	-100.0%
HDD WEATHER EUROPEAN	0	0	-	15,000	-100.0%
HOGS	257,937	242,880	6.2%	292,767	-11.9%
LUMBER	21	282	-92.6%	148	-85.8%
LV CATL CSO	30	0	-	30	0.0%
MILK	93,095	96,030	-3.1%	102,989	-9.6%
MLK MID OPTIONS	9	45	-80.0%	10	-10.0%
NFD MILK	12,912	16,782	-23.1%	14,587	-11.5%
PORK CUTOUT	5	30	-83.3%	0	-
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	11,175,535	15,846,316	-29.5%	14,940,963	-25.2%
Equity Index Futures	4,496,602	4,236,543	6.1%	4,138,422	8.7%
FX Futures	2,180,880	2,030,158	7.4%	1,985,556	9.8%
Ag Products Futures	876,304	798,807	9.7%	831,867	5.3%
<b>TOTAL FUTURES</b>	<b>18,729,321</b>	<b>22,911,824</b>	<b>-18.3%</b>	<b>21,896,808</b>	<b>-14.5%</b>
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	41,911,595	37,767,034	11.0%	44,198,335	-5.2%
Equity Index Options	5,332,040	4,988,103	6.9%	5,116,376	4.2%
FX Options	745,695	960,893	-22.4%	823,943	-9.5%
Ag Products Options	848,572	681,413	24.5%	932,199	-9.0%
<b>TOTAL OPTIONS</b>	<b>48,837,902</b>	<b>44,397,443</b>	<b>10.0%</b>	<b>51,070,853</b>	<b>-4.4%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	53,087,130	53,613,350	-1.0%	59,139,298	-10.2%
Equity Index	9,828,642	9,224,646	6.5%	9,254,798	6.2%
FX	2,926,575	2,991,051	-2.2%	2,809,499	4.2%
Ag Products	1,724,876	1,480,220	16.5%	1,764,066	-2.2%
<b>GRAND TOTAL</b>	<b>67,567,223</b>	<b>67,309,267</b>	<b>0.4%</b>	<b>72,967,661</b>	<b>-7.4%</b>

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