

## CME Exchange Open Interest Report - Monthly

	Open Interest MAY 2023	Open Interest MAY 2022	% CHG	Open Interest APR 2023	% CHG
<b>Interest Rate Futures</b>					
1-MONTH EURODOLLAR	0	60,509	-100.0%	1,000	-100.0%
BSBY 3-MONTH FUTURES	12,003	24,529	-51.1%	12,123	-1.0%
ESTR Basis Spread Futures	512	0	-	589	-13.1%
ESTR Futures	3,092	0	-	1,963	57.5%
EURODOLLARS	546,908	10,374,105	-94.7%	622,582	-12.2%
FTIIE	127	62	104.8%	147	-13.6%
SOFR	11,042,057	5,785,591	90.9%	10,532,890	4.8%
SONIA	4,241	8,789	-51.7%	4,241	0.0%
<b>Interest Rate Options</b>					
EURODOLLARS	2,105,492	26,984,929	-92.2%	2,004,022	5.1%
EURO MIDCURVE	0	9,635,342	-100.0%	0	-
SOFR	36,505,454	3,322,741	998.7%	34,063,179	7.2%
SOFR MIDCURVE	6,263,805	780,124	702.9%	5,844,394	7.2%
SOFR MISCURVE	0	0	-	0	-

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<b>Equity Index Futures</b>					
BITCOIN	12,289	11,858	3.6%	13,412	-8.4%
E-mini FTSE China 50	0	381	-100.0%	0	-
E-MINI MIDCAP	38,573	55,870	-31.0%	37,827	2.0%
E-MINI NASDAQ 100	299,220	263,080	13.7%	262,074	14.2%
E-MINI RUSSELL 1000	7,531	16,861	-55.3%	7,636	-1.4%
E-MINI RUSSELL 1000 GROWTH	4,013	4,892	-18.0%	3,944	1.7%
E-MINI RUSSELL 1000 VALUE	13,004	31,274	-58.4%	13,199	-1.5%
E-MINI RUSSELL 2000	541,734	551,274	-1.7%	533,302	1.6%
E-MINI S&P500	2,450,957	2,260,467	8.4%	2,308,482	6.2%
E-MINI S&P500 ESG	12,171	13,792	-11.8%	11,785	3.3%
ETHER	0	0	-	0	-
ETHER FUTURES	2,997	3,602	-16.8%	3,578	-16.2%
FT-SE 100	0	2	-100.0%	0	0.0%
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	13	30	-56.7%	12	8.3%
MICRO BITCOIN	7,116	26,545	-73.2%	12,095	-41.2%
MICRO E-MINI NASDAQ 100	113,711	104,069	9.3%	92,751	22.6%
MICRO E-MINI RUSSELL 2000	26,755	35,010	-23.6%	20,356	31.4%
MICRO E-MINI S&P500	401,997	239,302	68.0%	273,318	47.1%
MICRO ETHER	13,240	113,680	-88.4%	22,300	-40.6%
NASDAQ-100 VOLATILITY	0	593	-100.0%	5	-100.0%
NASDAQ BIOTECH SECTOR	23	51	-54.9%	23	0.0%
Nearby BTIC+	0	0	0.0%	0	-
NIKKEI 225 (\$) STOCK	15,179	14,484	4.8%	12,538	21.1%
NIKKEI 225 (YEN) STOCK	61,366	46,718	31.4%	47,090	30.3%
PHLX SEMICONDUCTOR SECTO	165	0	-	362	-54.4%
S&P 500	441,620	307,004	43.8%	410,343	7.6%
S&P 500 ANNUAL DIVIDEND IND	206,860	222,486	-7.0%	200,037	3.4%
S&P 500 QUARLY DIVIDEND IND	41,632	10,801	285.4%	36,133	15.2%
S&P BIOTECHNOLOGY SECTOR	902	0	-	1,439	-37.3%
S&P COMMUNICATION SERVICE	8,310	2,495	233.1%	3,968	109.4%
S&P CONSUMER DISCRETIONAR	7,257	6,307	15.1%	4,816	50.7%
S&P CONSUMER STAPLES SECT	14,176	14,485	-2.1%	14,351	-1.2%
S&P ENERGY SECTOR	25,695	44,812	-42.7%	22,533	14.0%
S&P FINANCIAL SECTOR	30,751	26,908	14.3%	37,712	-18.5%
S&P HEALTH CARE SECTOR	18,412	20,540	-10.4%	22,172	-17.0%
S&P INDUSTRIAL SECTOR	17,844	12,022	48.4%	18,332	-2.7%
S&P MATERIALS SECTOR	5,157	7,634	-32.4%	5,509	-6.4%
S&P OIL & GAS EXPLORATION A	61	0	-	63	-3.2%
S&P REAL ESTATE SECTOR	6,832	7,430	-8.0%	6,971	-2.0%
S&P REGIONAL BANKS SECTOR	565	0	-	594	-4.9%
S&P RETAIL SECTOR	30	0	-	30	0.0%
S&P TECHNOLOGY SECTOR	13,360	12,414	7.6%	11,399	17.2%
S&P UTILITIES SECTOR	27,676	24,042	15.1%	24,064	15.0%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	87	184	-52.7%	45	93.3%
WATER INDEX FUTURES	2	33	-93.9%	2	0.0%

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<b>Equity Index Options</b>					
BITCOIN OPTIONS	7,808	2,235	249.4%	13,307	-41.3%
E-MINI NASDAQ 100	234,760	302,448	-22.4%	164,626	42.6%
E-MINI RUSSELL 2000	63,357	56,429	12.3%	49,452	28.1%
E-MINI S&P500	5,206,627	4,389,713	18.6%	5,023,186	3.7%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	1,731	0	-	2,032	-14.8%
EVENT CONTRACT S&P 500	0	0	-	0	0.0%
MICRO BITCOIN	5,399	1,545	249.4%	6,301	-14.3%
MICRO E-MINI NASDAQ 100	11,497	6,010	91.3%	6,740	70.6%
Micro E-mini S&P 500	55,292	44,595	24.0%	50,025	10.5%
MICRO ETHER	18,208	1,310	1,289.9%	16,371	11.2%
S&P 500	0	0	-	0	-
<b>FX Futures</b>					
AD/CD CROSS RATES	20	48	-58.3%	21	-4.8%
AD/JY CROSS RATES	649	276	135.1%	596	8.9%
AD/NE CROSS RATES	4,126	6,770	-39.1%	1,112	271.0%
AUSTRALIAN DOLLAR	209,578	153,661	36.4%	183,445	14.2%
BP/JY CROSS RATES	2,434	2,112	15.2%	1,973	23.4%
BP/SF CROSS RATES	1,962	1,288	52.3%	1,151	70.5%
BRAZIL REAL	62,222	74,146	-16.1%	81,368	-23.5%
BRITISH POUND	237,248	252,881	-6.2%	241,606	-1.8%
CANADIAN DOLLAR	182,549	135,929	34.3%	165,152	10.5%
CD/JY CROSS RATES	1	4	-75.0%	0	-
CHILEAN PESO	0	0	-	0	-
CHINESE RENMINBI (CNH)	4,492	5,106	-12.0%	3,403	32.0%
CZECK KORUNA (EC)	0	1	-100.0%	0	-
CZECK KORUNA (US)	3	1	200.0%	4	-25.0%
EC/AD CROSS RATES	4,266	2,430	75.6%	3,944	8.2%
EC/CD CROSS RATES	4,727	3,912	20.8%	4,745	-0.4%
EC/NOK CROSS RATES	3,174	781	306.4%	2,617	21.3%
EC/SEK CROSS RATES	5,386	1,657	225.0%	5,412	-0.5%
EFX/BP CROSS RATES	32,859	31,573	4.1%	29,898	9.9%
EFX/JY CROSS RATES	22,172	21,019	5.5%	21,671	2.3%
EFX/SF CROSS RATES	15,444	17,756	-13.0%	14,843	4.0%
E-MICRO USD/CAD	31	23	34.8%	67	-53.7%
E-MICRO USD/CHF	76	18	322.2%	107	-29.0%
E-MICRO USD/JPY	261	429	-39.2%	158	65.2%
E-MINI EURO FX	11,106	14,603	-23.9%	9,586	15.9%
E-MINI JAPANESE YEN	2,043	1,058	93.1%	964	111.9%
EURO FX	782,170	706,317	10.7%	778,739	0.4%
HUNGARIAN FORINT (EC)	3	0	-	3	0.0%
HUNGARIAN FORINT (US)	0	0	-	1	-100.0%
INDIAN RUPEE	3,441	1,059	224.9%	3,802	-9.5%
JAPANESE YEN	247,641	239,080	3.6%	198,780	24.6%
KOREAN WON	3,644	136	2,579.4%	3,652	-0.2%
MEXICAN PESO	223,638	212,843	5.1%	268,651	-16.8%
MICRO AUD/USD	9,767	4,880	100.1%	9,155	6.7%
MICRO CAD/USD	6,021	2,651	127.1%	4,697	28.2%

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<b>FX Futures</b>					
MICRO CHF/USD	1,724	1,592	8.3%	1,581	9.0%
MICRO EUR/USD	17,791	37,190	-52.2%	14,675	21.2%
MICRO GBP/USD	4,186	7,363	-43.1%	4,172	0.3%
MICRO INR/USD	13	6	116.7%	6	116.7%
MICRO JPY/USD	0	0	-	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	40,399	55,134	-26.7%	37,715	7.1%
NKR/USD CROSS RATE	2,076	1,112	86.7%	2,013	3.1%
POLISH ZLOTY (EC)	108	187	-42.2%	96	12.5%
POLISH ZLOTY (US)	918	473	94.1%	740	24.1%
RMB USD	0	0	-	0	-
RUSSIAN RUBLE	0	526	-100.0%	0	-
S.AFRICAN RAND	44,300	22,605	96.0%	32,537	36.2%
SF/JY CROSS RATES	1,001	832	20.3%	1,090	-8.2%
SHEKEL	33	1	3,200.0%	11	200.0%
SKR/USD CROSS RATES	1,203	2,377	-49.4%	922	30.5%
SWISS FRANC	43,630	49,579	-12.0%	43,925	-0.7%
TURKISH LIRA	75	54	38.9%	74	1.4%
USDZAR	3	0	-	0	-

### FX Options

AUD/USD MONDAY OPTION WEE	203	141	44.0%	50	306.0%
AUD/USD MONDAY OPTION WEE	242	128	89.1%	1	24,100.0%
AUD/USD MONDAY OPTION WEE	0	0	-	6	-100.0%
AUD/USD MONDAY OPTION WEE	8	56	-85.7%	4	100.0%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	65,655	117,279	-44.0%	56,624	15.9%
AUD/USD THURSDAY WKLY OPT	3	0	-	12	-75.0%
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	1	0	-	11	-90.9%
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	916	294	211.6%	0	-
AUD/USD WKLY FRIDAY OPTION	0	783	-100.0%	642	-100.0%
AUD/USD WKLY FRIDAY OPTION	1,252	1,466	-14.6%	631	98.4%
AUD/USD WKLY FRIDAY OPTION	646	479	34.9%	2,125	-69.6%
AUD/USD WKLY FRIDAY OPTION	710	0	-	0	-
AUD/USD WKLY WED OPTIONS -	108	1,370	-92.1%	44	145.5%
AUD/USD WKLY WED OPTIONS -	73	8	812.5%	14	421.4%
AUD/USD WKLY WED OPTIONS -	72	398	-81.9%	61	18.0%
AUD/USD WKLY WED OPTIONS -	0	54	-100.0%	0	-
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	0	253	-100.0%	200	-100.0%
CAD/USD MONDAY OPTIONS WE	231	138	67.4%	993	-76.7%
CAD/USD MONDAY OPTIONS WE	466	289	61.2%	768	-39.3%

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<b>FX Options</b>					
CAD/USD MONDAY OPTIONS WE	0	0	-	7	-100.0%
CAD/USD MONDAY OPTIONS WE	63	6	950.0%	4	1,475.0%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONTHLY OPTIONS	72,283	220,591	-67.2%	79,135	-8.7%
CAD/USD THURSDAY WKLY OPT	712	0	-	0	-
CAD/USD THURSDAY WKLY OPT	110	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	278	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	2,417	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	0	1,195	-100.0%	1,104	-100.0%
CAD/USD WKLY FRIDAY OPTION	1,020	1,227	-16.9%	884	15.4%
CAD/USD WKLY FRIDAY OPTION	589	448	31.5%	654	-9.9%
CAD/USD WKLY FRIDAY OPTION	21	0	-	0	-
CAD/USD WKLY WED OPTIONS -	1,567	600	161.2%	1,018	53.9%
CAD/USD WKLY WED OPTIONS -	87	129	-32.6%	153	-43.1%
CAD/USD WKLY WED OPTIONS -	0	529	-100.0%	27	-100.0%
CAD/USD WKLY WED OPTIONS -	0	172	-100.0%	0	-
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	37,451	6,204	503.7%	9,631	288.9%
CHF/USD WKLY FRIDAY OPTION	125	10	1,150.0%	0	-
CHF/USD WKLY FRIDAY OPTION	0	51	-100.0%	638	-100.0%
CHF/USD WKLY FRIDAY OPTION	20	4	400.0%	484	-95.9%
CHF/USD WKLY FRIDAY OPTION	97	0	0.0%	3	3,133.3%
CHF/USD WKLY FRIDAY OPTION	1	0	-	0	-
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EURO FX	51	0	-	0	-
EUR/USD MONDAY OPTION WEE	1,814	634	186.1%	1,662	9.1%
EUR/USD MONDAY OPTION WEE	1,437	517	177.9%	638	125.2%
EUR/USD MONDAY OPTION WEE	0	0	-	72	-100.0%
EUR/USD MONDAY OPTION WEE	1,408	667	111.1%	0	-
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONTHLY OPTIONS	377,168	286,370	31.7%	374,936	0.6%
EUR/USD THURSDAY WKLY OPT	48	0	-	661	-92.7%
EUR/USD THURSDAY WKLY OPT	240	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	0	0	-	15	-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 TUESDAY WKLY OPT	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	11,375	2	568,650.0%	0	-
EUR/USD WKLY FRIDAY OPTION	0	2,068	-100.0%	4,882	-100.0%

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<b>FX Options</b>					
EUR/USD WKLY FRIDAY OPTION	1,824	1,786	2.1%	676	169.8%
EUR/USD WKLY FRIDAY OPTION	2,729	629	333.9%	954	186.1%
EUR/USD WKLY FRIDAY OPTION	206	0	-	0	-
EUR/USD WKLY WED OPTIONS -	2,841	3,328	-14.6%	6,062	-53.1%
EUR/USD WKLY WED OPTIONS -	1,270	782	62.4%	1,243	2.2%
EUR/USD WKLY WED OPTIONS -	164	6	2,633.3%	223	-26.5%
EUR/USD WKLY WED OPTIONS -	0	1	-100.0%	0	-
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
EVENT CONTRACT EUR/USD	0	0	-	0	0.0%
GBP/USD MONDAY OPTION WEE	690	176	292.0%	161	328.6%
GBP/USD MONDAY OPTION WEE	1,251	400	212.8%	189	561.9%
GBP/USD MONDAY OPTION WEE	0	0	-	1	-100.0%
GBP/USD MONDAY OPTION WEE	1,195	107	1,016.8%	14	8,435.7%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	101,174	110,202	-8.2%	88,111	14.8%
GBP/USD THURSDAY WKLY OPT	82	0	-	400	-79.5%
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 TUESDAY WKLY OPT	0	0	-	1	-100.0%
GBP/USD TUESDAY WKLY OPT	0	0	-	888	-100.0%
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	2,279	539	322.8%	0	-
GBP/USD WKLY FRIDAY OPTION	0	1,250	-100.0%	1,045	-100.0%
GBP/USD WKLY FRIDAY OPTION	1,015	1,046	-3.0%	5,648	-82.0%
GBP/USD WKLY FRIDAY OPTION	1,729	1,330	30.0%	509	239.7%
GBP/USD WKLY FRIDAY OPTION	508	0	-	0	-
GBP/USD WKLY WED OPTIONS -	8	230	-96.5%	1,701	-99.5%
GBP/USD WKLY WED OPTIONS -	254	70	262.9%	91	179.1%
GBP/USD WKLY WED OPTIONS -	0	0	-	25	-100.0%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	311	83	274.7%	329	-5.5%
JPY/USD MONDAY OPTION WEE	655	159	311.9%	5	13,000.0%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	340	2	16,900.0%	0	-
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONTHLY OPTIONS	95,943	140,073	-31.5%	90,577	5.9%
JPY/USD THURSDAY WKLY OPT	0	0	-	3	-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	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	10	-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 TUESDAY WKLY OPT W	0	0	-	0	-

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<b>FX Options</b>					
JPY/USD WKLY FRIDAY OPTION	2,822	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	0	2,319	-100.0%	1,555	-100.0%
JPY/USD WKLY FRIDAY OPTION	1,851	1,445	28.1%	629	194.3%
JPY/USD WKLY FRIDAY OPTION	506	832	-39.2%	479	5.6%
JPY/USD WKLY FRIDAY OPTION	1	0	-	0	-
JPY/USD WKLY WED OPTIONS -	1,613	1,389	16.1%	2,752	-41.4%
JPY/USD WKLY WED OPTIONS -	761	1,591	-52.2%	836	-9.0%
JPY/USD WKLY WED OPTIONS -	0	70	-100.0%	870	-100.0%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	442	4,097	-89.2%	385	14.8%
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	541	132	309.8%	529	2.3%
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 MAY 2023	Open Interest MAY 2022	% CHG	Open Interest APR 2023	% CHG
<b>Ag Products Futures</b>					
BLOCK CHEESE	1,163	859	35.4%	813	43.1%
BUTTER CS	10,466	11,236	-6.9%	9,943	5.3%
CASH-SETTLED CHEESE	27,253	18,928	44.0%	24,355	11.9%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	330,742	299,155	10.6%	351,260	-5.8%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	3,850	5,800	-33.6%	3,700	4.1%
CDD WEATHER	4,300	18,850	-77.2%	500	760.0%
CLASS IV MILK	5,990	14,214	-57.9%	5,142	16.5%
DRY WHEY	3,686	3,055	20.7%	3,347	10.1%
FEEDER CATTLE	65,349	47,357	38.0%	62,640	4.3%
GOLDMAN SACHS	545	1,564	-65.2%	588	-7.3%
GSCI EXCESS RETURN FUT	37,102	65,593	-43.4%	37,102	0.0%
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	229,078	193,769	18.2%	228,712	0.2%
HOUSING INDEX	54	60	-10.0%	47	14.9%
LUMBER	6,753	2,230	202.8%	4,746	42.3%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	28,011	34,362	-18.5%	23,772	17.8%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	9,385	8,919	5.2%	9,721	-3.5%
OTC SP GSCI ER SWAP	58,917	0	-	56,430	4.4%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	595	1,460	-59.2%	481	23.7%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-
USD CRUDE PALM OIL	51,605	45,895	12.4%	53,005	-2.6%



## CME Exchange Open Interest Report - Monthly

	Open Interest MAY 2023	Open Interest MAY 2022	% CHG	Open Interest APR 2023	% CHG
<b>Ag Products Options</b>					
BLOCK CHEESE	816	653	25.0%	709	15.1%
BUTTER CS	8,167	7,920	3.1%	7,004	16.6%
CASH-SETTLED CHEESE	29,773	32,966	-9.7%	26,265	13.4%
CATTLE	278,451	211,482	31.7%	261,774	6.4%
CDD SEASONAL STRIP	64,700	15,500	317.4%	40,500	59.8%
CDD WEATHER	62,500	750	8,233.3%	59,000	5.9%
CLASS IV MILK	30,203	34,363	-12.1%	30,484	-0.9%
DRY WHEY	472	2,728	-82.7%	674	-30.0%
FEEDER CATTLE	52,636	31,516	67.0%	58,153	-9.5%
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	307,545	268,024	14.7%	257,937	19.2%
LUMBER	123	456	-73.0%	21	485.7%
LV CATL CSO	0	0	-	30	-100.0%
MILK	88,041	94,878	-7.2%	93,095	-5.4%
MLK MID OPTIONS	10	36	-72.2%	9	11.1%
NFD MILK	11,673	15,464	-24.5%	12,912	-9.6%
PORK CUTOUT	0	30	-100.0%	5	-100.0%
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	11,608,940	16,253,585	-28.6%	11,175,535	3.9%
Equity Index Futures	4,889,283	4,513,432	8.3%	4,496,602	8.7%
FX Futures	2,240,614	2,073,479	8.1%	2,180,880	2.7%
Ag Products Futures	874,844	773,306	13.1%	876,304	-0.2%
<b>TOTAL FUTURES</b>	<b>19,613,681</b>	<b>23,613,802</b>	<b>-16.9%</b>	<b>18,729,321</b>	<b>4.7%</b>
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	44,874,751	40,723,136	10.2%	41,911,595	7.1%
Equity Index Options	5,604,679	4,804,285	16.7%	5,332,040	5.1%
FX Options	805,973	918,634	-12.3%	745,695	8.1%
Ag Products Options	935,110	716,766	30.5%	848,572	10.2%
<b>TOTAL OPTIONS</b>	<b>52,220,513</b>	<b>47,162,821</b>	<b>10.7%</b>	<b>48,837,902</b>	<b>6.9%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	56,483,691	56,976,721	-0.9%	53,087,130	6.4%
Equity Index	10,493,962	9,317,717	12.6%	9,828,642	6.8%
FX	3,046,587	2,992,113	1.8%	2,926,575	4.1%
Ag Products	1,809,954	1,490,072	21.5%	1,724,876	4.9%
<b>GRAND TOTAL</b>	<b>71,834,194</b>	<b>70,776,623</b>	<b>1.5%</b>	<b>67,567,223</b>	<b>6.3%</b>