

CME Exchange Volume Report - Monthly

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	4,607	-100.0%	0	0.0%	1,006	71,779	-98.6%
BSBY 3-MONTH FUTURES	1,512	23,037	-93.4%	2,335	-35.2%	31,259	457,732	-93.2%
ESTR Basis Spread Futures	921	0	-	3,221	-71.4%	8,988	0	-
ESTR Futures	122,699	0	-	135,021	-9.1%	435,204	0	-
EURODOLLARS	0	25,666,002	-100.0%	225,910	-100.0%	28,319,809	296,387,344	-90.4%
FTIIE	144	69	108.7%	335	-57.0%	1,662	707	135.1%
SOFR	55,807,014	35,582,062	56.8%	69,107,278	-19.2%	489,716,755	210,978,507	132.1%
SONIA	0	57	-100.0%	16	-100.0%	1,336	1,293	3.3%
Interest Rate Options								
EURODOLLARS	0	6,620,139	-100.0%	419,207	-100.0%	9,567,416	96,056,442	-90.0%
EURO MIDCURVE	0	2,793,703	-100.0%	0	0.0%	597,753	58,528,629	-99.0%
SOFR	18,597,880	6,462,296	187.8%	26,510,904	-29.8%	228,772,559	18,795,829	1,117.1%
SOFR MIDCURVE	4,891,804	1,258,058	288.8%	5,514,387	-11.3%	45,432,207	5,154,373	781.4%
SOFR MISCURVE	0	0	-	0	0.0%	700	0	-

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Equity Index Futures								
BITCOIN	209,142	246,430	-15.1%	264,323	-20.9%	1,560,636	1,462,335	6.7%
E-mini FTSE China 50	0	177	-100.0%	0	0.0%	44	6,841	-99.4%
E-MINI MIDCAP	198,351	237,655	-16.5%	353,312	-43.9%	1,931,966	2,391,082	-19.2%
E-MINI NASDAQ 100	12,165,137	12,307,659	-1.2%	14,728,894	-17.4%	95,498,016	101,953,299	-6.3%
E-MINI RUSSELL 1000	1,803	7,385	-75.6%	21,052	-91.4%	61,717	104,188	-40.8%
E-MINI RUSSELL 1000 GROWTH	2,533	2,134	18.7%	11,122	-77.2%	38,345	61,193	-37.3%
E-MINI RUSSELL 1000 VALUE	5,454	9,468	-42.4%	47,863	-88.6%	119,583	183,024	-34.7%
E-MINI RUSSELL 2000	3,497,961	3,635,280	-3.8%	6,056,657	-42.2%	32,115,321	35,504,949	-9.5%
E-MINI S&P500	27,788,957	34,150,807	-18.6%	43,725,510	-36.4%	262,793,712	278,742,845	-5.7%
E-MINI S&P500 ESG	9,892	10,235	-3.4%	45,076	-78.1%	157,121	218,766	-28.2%
ETHER	0	0	-	0	0.0%	0	0	-
ETHER FUTURES	76,293	158,409	-51.8%	97,187	-21.5%	733,597	887,710	-17.4%
FT-SE 100	105	105	0.0%	0	0.0%	460	1,244	-63.0%
FTSE Emerging	0	0	0.0%	0	-	0	0	0.0%
IBOVESPA INDEX	16	45	-64.4%	36	-55.6%	258	445	-42.0%
MICRO BITCOIN	181,455	258,348	-29.8%	245,577	-26.1%	1,497,195	2,564,217	-41.6%
MICRO E-MINI NASDAQ 100	19,724,668	26,864,939	-26.6%	21,358,976	-7.7%	150,402,593	222,415,979	-32.4%
MICRO E-MINI RUSSELL 2000	1,283,107	1,933,174	-33.6%	1,783,803	-28.1%	11,625,164	21,551,049	-46.1%
MICRO E-MINI S&P500	13,838,451	25,310,520	-45.3%	19,812,278	-30.2%	151,495,253	196,104,435	-22.7%
MICRO ETHER	132,155	513,186	-74.2%	167,092	-20.9%	1,357,469	3,017,295	-55.0%
NASDAQ-100 VOLATILITY	0	647	-100.0%	0	0.0%	3,203	18,341	-82.5%
NASDAQ BIOTECH SECTOR	335	65	415.4%	68	392.6%	1,435	1,269	13.1%
Nearby BTIC+	0	600	-100.0%	0	0.0%	0	6,488	-100.0%
NIKKEI 225 (\$) STOCK	170,154	72,299	135.3%	249,683	-31.9%	929,790	852,109	9.1%
NIKKEI 225 (YEN) STOCK	608,706	599,057	1.6%	949,148	-35.9%	4,418,253	5,711,115	-22.6%
PHLX SEMICONDUCTOR SECTO	154	0	-	915	-83.2%	3,109	0	-
S&P 500	55,624	34,164	62.8%	202,261	-72.5%	719,940	526,445	36.8%
S&P 500 ANNUAL DIVIDEND IND	63,164	74,186	-14.9%	65,138	-3.0%	495,354	621,686	-20.3%
S&P 500 QUARLY DIVIDEND IND	9,417	7,256	29.8%	11,649	-19.2%	110,641	31,257	254.0%
S&P 600 SMALLCAP EMINI	592	0	-	0	-	592	0	-
S&P BIOTECHNOLOGY SECTOR	107	0	-	622	-82.8%	7,775	0	-
S&P COMMUNICATION SERVICE	3,307	1,724	91.8%	13,139	-74.8%	42,253	27,756	52.2%
S&P CONSUMER DISCRETIONAF	6,816	9,700	-29.7%	24,435	-72.1%	76,945	101,942	-24.5%
S&P CONSUMER STAPLES SECT	23,247	11,304	105.7%	50,928	-54.4%	226,049	188,320	20.0%
S&P ENERGY SECTOR	23,950	44,557	-46.2%	95,783	-75.0%	326,952	485,475	-32.7%
S&P FINANCIAL SECTOR	14,358	12,594	14.0%	86,219	-83.3%	345,398	272,869	26.6%
S&P HEALTH CARE SECTOR	9,558	15,032	-36.4%	40,557	-76.4%	168,958	202,074	-16.4%
S&P INDUSTRIAL SECTOR	12,042	15,154	-20.5%	41,261	-70.8%	162,453	211,472	-23.2%
S&P MATERIALS SECTOR	18,899	8,071	134.2%	57,437	-67.1%	124,987	111,322	12.3%
S&P OIL & GAS EXPLORATION A	221	0	-	144	53.5%	1,418	0	-
S&P REAL ESTATE SECTOR	7,137	2,492	186.4%	19,487	-63.4%	75,985	48,323	57.2%
S&P REGIONAL BANKS SECTOR	777	0	-	2,738	-71.6%	9,320	0	-
S&P RETAIL SECTOR	855	0	-	1,978	-56.8%	4,428	0	-
S&P TECHNOLOGY SECTOR	5,975	11,931	-49.9%	30,768	-80.6%	124,859	167,505	-25.5%
S&P UTILITIES SECTOR	37,082	20,718	79.0%	81,257	-54.4%	322,120	256,996	25.3%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	-	0	0	0.0%
TOPIX (USD)	40	0	-	403	-90.1%	612	0	-
TOPIX (YEN)	409	87	370.1%	278	47.1%	1,819	15,638	-88.4%
WATER INDEX FUTURES	8	11	-27.3%	14	-42.9%	125	567	-78.0%

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Equity Index Options								
BITCOIN OPTIONS	4,771	2,550	87.1%	4,289	11.2%	47,883	18,061	165.1%
E-MINI NASDAQ 100	1,609,423	874,696	84.0%	1,722,696	-6.6%	8,933,786	6,978,006	28.0%
E-MINI RUSSELL 2000	108,884	93,338	16.7%	176,785	-38.4%	1,038,001	1,012,396	2.5%
E-MINI S&P500	22,220,150	18,856,962	17.8%	26,093,426	-14.8%	171,795,978	158,182,410	8.6%
EOM S&P 500	0	0	0.0%	0	-	0	0	0.0%
ETHER OPTIONS	2,120	0	-	1,397	51.8%	10,798	0	-
EVENT CONTRACT S&P 500	7,328	0	-	4,095	78.9%	36,131	0	-
MICRO BITCOIN	15,727	14,300	10.0%	14,717	6.9%	78,784	41,329	90.6%
MICRO E-MINI NASDAQ 100	51,014	35,095	45.4%	58,140	-12.3%	378,177	409,624	-7.7%
Micro E-mini S&P 500	162,990	176,738	-7.8%	207,317	-21.4%	1,613,866	1,667,913	-3.2%
MICRO ETHER	7,371	45,582	-83.8%	24,518	-69.9%	118,904	102,619	15.9%
S&P 500	0	0	0.0%	0	-	0	0	0.0%
FX Futures								
AD/CD CROSS RATES	0	21	-100.0%	13	-100.0%	167	442	-62.2%
AD/JY CROSS RATES	862	2,944	-70.7%	2,345	-63.2%	11,811	35,441	-66.7%
AD/NE CROSS RATES	5,143	1,944	164.6%	4,772	7.8%	24,668	28,982	-14.9%
AUSTRALIAN DOLLAR	1,805,466	1,983,681	-9.0%	2,473,482	-27.0%	13,752,327	14,340,503	-4.1%
BP/JY CROSS RATES	1,814	2,344	-22.6%	6,962	-73.9%	24,439	32,089	-23.8%
BP/SF CROSS RATES	2,214	936	136.5%	9,175	-75.9%	26,965	15,531	73.6%
BRAZIL REAL	270,386	239,413	12.9%	248,260	8.9%	1,903,181	2,326,514	-18.2%
BRITISH POUND	2,037,280	2,279,830	-10.6%	2,829,403	-28.0%	15,222,876	16,449,013	-7.5%
CANADIAN DOLLAR	1,288,529	1,883,484	-31.6%	2,016,477	-36.1%	11,791,302	12,567,580	-6.2%
CD/JY CROSS RATES	92	4	2,200.0%	236	-61.0%	338	604	-44.0%
CHILEAN PESO	0	0	0.0%	32	-100.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	30,667	19,787	55.0%	40,678	-24.6%	186,277	179,050	4.0%
CZECK KORUNA (EC)	0	1	-100.0%	1	-100.0%	5	41	-87.8%
CZECK KORUNA (US)	5	0	0.0%	6	-16.7%	234	18	1,200.0%
EC/AD CROSS RATES	1,453	3,075	-52.7%	12,792	-88.6%	33,524	36,608	-8.4%
EC/CD CROSS RATES	3,247	7,080	-54.1%	11,546	-71.9%	41,883	59,965	-30.2%
EC/NOK CROSS RATES	2,998	1,762	70.1%	7,491	-60.0%	20,438	10,387	96.8%
EC/SEK CROSS RATES	1,215	8,108	-85.0%	12,911	-90.6%	34,281	21,143	62.1%
EFX/BP CROSS RATES	47,009	69,672	-32.5%	134,967	-65.2%	438,689	645,881	-32.1%
EFX/JY CROSS RATES	43,978	40,026	9.9%	95,952	-54.2%	349,218	424,247	-17.7%
EFX/SF CROSS RATES	14,311	23,740	-39.7%	42,400	-66.2%	167,514	308,966	-45.8%
E-MICRO USD/CAD	28	93	-69.9%	87	-67.8%	932	1,685	-44.7%
E-MICRO USD/CHF	70	42	66.7%	39	79.5%	1,148	611	87.9%
E-MICRO USD/JPY	7,062	43,924	-83.9%	2,470	185.9%	21,386	145,933	-85.3%
E-MINI EURO FX	97,581	170,072	-42.6%	112,298	-13.1%	878,841	975,945	-9.9%
E-MINI JAPANESE YEN	15,212	10,410	46.1%	15,820	-3.8%	86,191	65,527	31.5%
EURO FX	3,964,034	4,798,383	-17.4%	6,044,316	-34.4%	33,166,492	32,927,815	0.7%
HUNGARIAN FORINT (EC)	1	0	0.0%	7	-85.7%	21	32	-34.4%
HUNGARIAN FORINT (US)	6	1	500.0%	0	0.0%	82	36	127.8%
INDIAN RUPEE	21,025	32,669	-35.6%	25,251	-16.7%	198,807	154,765	28.5%
JAPANESE YEN	4,121,145	3,080,937	33.8%	4,459,385	-7.6%	25,372,630	20,623,932	23.0%
KOREAN WON	564	288	95.8%	346	63.0%	6,650	4,094	62.4%
MEXICAN PESO	922,557	1,049,332	-12.1%	1,447,176	-36.3%	8,596,534	7,934,844	8.3%
MICRO AUD/USD	276,487	214,442	28.9%	238,261	16.0%	1,889,216	1,836,182	2.9%
MICRO CAD/USD	45,095	56,198	-19.8%	47,465	-5.0%	380,698	408,439	-6.8%

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FX Futures								
MICRO CHF/USD	16,101	25,519	-36.9%	17,607	-8.6%	107,915	114,304	-5.6%
MICRO EUR/USD	578,208	922,829	-37.3%	528,839	9.3%	4,428,716	5,141,312	-13.9%
MICRO GBP/USD	63,479	111,230	-42.9%	71,914	-11.7%	479,739	675,131	-28.9%
MICRO INR/USD	296	513	-42.3%	304	-2.6%	3,270	5,397	-39.4%
MICRO JPY/USD	0	0	0.0%	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	0	0.0%	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	630,915	570,145	10.7%	697,418	-9.5%	4,436,845	4,203,485	5.6%
NKR/USD CROSS RATE	4,253	1,654	157.1%	7,981	-46.7%	34,921	22,497	55.2%
POLISH ZLOTY (EC)	31	13	138.5%	215	-85.6%	533	1,000	-46.7%
POLISH ZLOTY (US)	577	1,122	-48.6%	2,542	-77.3%	8,682	10,316	-15.8%
RMB USD	0	5	-100.0%	0	0.0%	5	15	-66.7%
RUSSIAN RUBLE	0	108	-100.0%	0	0.0%	0	587,209	-100.0%
S.AFRICAN RAND	99,099	101,988	-2.8%	170,490	-41.9%	611,375	693,115	-11.8%
SF/JY CROSS RATES	399	843	-52.7%	2,752	-85.5%	6,919	6,553	5.6%
SHEKEL	113	18	527.8%	94	20.2%	552	98	463.3%
SKR/USD CROSS RATES	4,328	4,053	6.8%	12,259	-64.7%	40,527	54,082	-25.1%
SWISS FRANC	424,194	550,054	-22.9%	547,477	-22.5%	3,145,550	3,693,756	-14.8%
TURKISH LIRA	0	34	-100.0%	143	-100.0%	291	305	-4.6%
USDZAR	0	0	0.0%	5	-100.0%	105	31	238.7%
FX Options								
AUD/USD MONDAY OPTION WEE	14	29	-51.7%	592	-97.6%	1,292	1,698	-23.9%
AUD/USD MONDAY OPTION WEE	225	38	492.1%	150	50.0%	2,761	3,091	-10.7%
AUD/USD MONDAY OPTION WEE	306	8	3,725.0%	11	2,681.8%	1,718	1,994	-13.8%
AUD/USD MONDAY OPTION WEE	314	488	-35.7%	292	7.5%	1,814	2,789	-35.0%
AUD/USD MONDAY OPTION WEE	175	0	0.0%	0	0.0%	490	779	-37.1%
AUD/USD MONTHLY OPTIONS	77,895	64,958	19.9%	93,949	-17.1%	448,302	641,211	-30.1%
AUD/USD THURSDAY WKLY OPT	851	0	-	5	16,920.0%	1,011	0	-
AUD/USD THURSDAY WKLY OPT	355	0	-	16	2,118.8%	638	0	-
AUD/USD THURSDAY WKLY OPT	19	0	-	48	-60.4%	1,171	0	-
AUD/USD THURSDAY WKLY OPT	51	0	-	6	750.0%	448	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	477	-100.0%	488	0	-
AUD/USD TUESDAY WKLY OPT	23	0	-	11	109.1%	235	0	-
AUD/USD TUESDAY WKLY OPT	635	0	-	6	10,483.3%	1,732	0	-
AUD/USD TUESDAY WKLY OPT	468	0	-	124	277.4%	1,038	0	-
AUD/USD TUESDAY WKLY OPT	227	0	-	3	7,466.7%	531	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	205	0	-
AUD/USD WKLY FRIDAY OPTION	1	33	-97.0%	329	-99.7%	1,394	3,623	-61.5%
AUD/USD WKLY FRIDAY OPTION	1,643	646	154.3%	794	106.9%	10,694	12,122	-11.8%
AUD/USD WKLY FRIDAY OPTION	1,655	2,618	-36.8%	1,675	-1.2%	13,277	17,498	-24.1%
AUD/USD WKLY FRIDAY OPTION	1,981	1,417	39.8%	1,613	22.8%	13,235	12,520	5.7%
AUD/USD WKLY FRIDAY OPTION	0	1,952	-100.0%	709	-100.0%	2,686	4,521	-40.6%
AUD/USD WKLY WED OPTIONS -	338	35	865.7%	831	-59.3%	3,392	5,716	-40.7%
AUD/USD WKLY WED OPTIONS -	398	284	40.1%	38	947.4%	1,645	3,512	-53.2%
AUD/USD WKLY WED OPTIONS -	815	158	415.8%	285	186.0%	2,287	4,932	-53.6%
AUD/USD WKLY WED OPTIONS -	482	474	1.7%	149	223.5%	2,245	4,147	-45.9%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	522	259	101.5%
AUD/USD WKLY WED OPTIONS -	0	286	-100.0%	0	0.0%	205	2,372	-91.4%
BRL/USD MONTHLY OPTIONS	141	194	-27.3%	2,021	-93.0%	6,102	1,288	373.8%
CAD/USD MONDAY OPTIONS WE	234	715	-67.3%	376	-37.8%	8,585	8,490	1.1%

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FX Options								
CAD/USD MONDAY OPTIONS WE	442	1,198	-63.1%	0	0.0%	5,372	6,017	-10.7%
CAD/USD MONDAY OPTIONS WE	55	318	-82.7%	140	-60.7%	4,701	5,303	-11.4%
CAD/USD MONDAY OPTIONS WE	91	0	0.0%	0	0.0%	338	1,256	-73.1%
CAD/USD MONTHLY OPTIONS	27,025	78,856	-65.7%	62,664	-56.9%	405,563	666,551	-39.2%
CAD/USD THURSDAY WKLY OPT	307	0	-	387	-20.7%	2,264	0	-
CAD/USD THURSDAY WKLY OPT	112	0	-	1,273	-91.2%	2,257	0	-
CAD/USD THURSDAY WKLY OPT	164	0	-	467	-64.9%	2,404	0	-
CAD/USD THURSDAY WKLY OPT	7	0	-	1,755	-99.6%	3,529	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	386	-100.0%	1,972	0	-
CAD/USD TUESDAY WKLY OPT	183	0	-	908	-79.8%	2,811	0	-
CAD/USD TUESDAY WKLY OPT	492	0	-	864	-43.1%	4,960	0	-
CAD/USD TUESDAY WKLY OPT	40	0	-	690	-94.2%	2,757	0	-
CAD/USD TUESDAY WKLY OPT	460	0	-	236	94.9%	1,304	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	808	0	-
CAD/USD WKLY FRIDAY OPTION	65	14	364.3%	2,806	-97.7%	5,864	8,278	-29.2%
CAD/USD WKLY FRIDAY OPTION	2,920	1,971	48.1%	644	353.4%	16,586	25,423	-34.8%
CAD/USD WKLY FRIDAY OPTION	1,151	7,617	-84.9%	2,556	-55.0%	17,153	42,132	-59.3%
CAD/USD WKLY FRIDAY OPTION	2,508	2,207	13.6%	3,181	-21.2%	22,589	35,576	-36.5%
CAD/USD WKLY FRIDAY OPTION	0	5,541	-100.0%	2,710	-100.0%	7,804	10,145	-23.1%
CAD/USD WKLY WED OPTIONS -	334	370	-9.7%	2,141	-84.4%	9,404	6,230	50.9%
CAD/USD WKLY WED OPTIONS -	620	1,990	-68.8%	2,230	-72.2%	8,157	8,587	-5.0%
CAD/USD WKLY WED OPTIONS -	140	887	-84.2%	589	-76.2%	6,012	10,147	-40.8%
CAD/USD WKLY WED OPTIONS -	1,244	1,191	4.5%	384	224.0%	8,794	13,162	-33.2%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	2,131	4,112	-48.2%
CHF/USD MONTHLY OPTIONS	5,011	4,228	18.5%	2,185	129.3%	61,260	37,549	63.1%
CHF/USD WKLY FRIDAY OPTION	0	2	-100.0%	2	-100.0%	135	575	-76.5%
CHF/USD WKLY FRIDAY OPTION	1,201	1	120,000.0%	2,619	-54.1%	5,443	835	551.9%
CHF/USD WKLY FRIDAY OPTION	1,066	393	171.2%	751	41.9%	4,789	859	457.5%
CHF/USD WKLY FRIDAY OPTION	5,323	47	11,225.5%	1,616	229.4%	12,307	997	1,134.4%
CHF/USD WKLY FRIDAY OPTION	0	68	-100.0%	2,714	-100.0%	3,057	82	3,628.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0.0%	0	3,704	-100.0%
EUR/GBP WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
EUR/USD MONDAY OPTION WEE	158	1,184	-86.7%	2,634	-94.0%	13,375	11,438	16.9%
EUR/USD MONDAY OPTION WEE	775	855	-9.4%	865	-10.4%	12,018	19,564	-38.6%
EUR/USD MONDAY OPTION WEE	2,149	1,634	31.5%	1,519	41.5%	9,395	7,412	26.8%
EUR/USD MONDAY OPTION WEE	170	1,417	-88.0%	3,203	-94.7%	12,694	23,426	-45.8%
EUR/USD MONDAY OPTION WEE	1,106	0	0.0%	0	0.0%	2,061	2,856	-27.8%
EUR/USD MONTHLY OPTIONS	260,032	304,370	-14.6%	263,952	-1.5%	1,921,867	1,782,962	7.8%
EUR/USD THURSDAY WKLY OPT	861	0	-	1,271	-32.3%	6,215	0	-
EUR/USD THURSDAY WKLY OPT	285	0	-	157	81.5%	4,484	0	-
EUR/USD THURSDAY WKLY OPT	40	0	-	2,642	-98.5%	4,528	0	-
EUR/USD THURSDAY WKLY OPT	481	0	-	804	-40.2%	6,799	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	87	-100.0%	99	0	-
EUR/USD TUESDAY WKLY OPT	1,015	0	-	58	1,650.0%	1,709	0	-
EUR/USD TUESDAY WKLY OPT	458	0	-	4,336	-89.4%	5,352	0	-
EUR/USD TUESDAY WKLY OPT	677	0	-	1,286	-47.4%	5,585	0	-
EUR/USD TUESDAY WKLY OPT	421	0	-	126	234.1%	3,758	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	1,419	0	-
EUR/USD WKLY FRIDAY OPTION	51	321	-84.1%	564	-91.0%	13,583	39,361	-65.5%
EUR/USD WKLY FRIDAY OPTION	22,596	4,620	389.1%	6,913	226.9%	122,660	109,575	11.9%
EUR/USD WKLY FRIDAY OPTION	44,030	13,419	228.1%	23,603	86.5%	162,995	115,096	41.6%

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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	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
FX Options								
EUR/USD WKLY FRIDAY OPTION	12,809	15,679	-18.3%	17,489	-26.8%	188,364	142,183	32.5%
EUR/USD WKLY FRIDAY OPTION	0	22,562	-100.0%	10,706	-100.0%	19,227	43,596	-55.9%
EUR/USD WKLY WED OPTIONS -	4,976	6,755	-26.3%	5,284	-5.8%	31,598	42,798	-26.2%
EUR/USD WKLY WED OPTIONS -	3,633	7,579	-52.1%	3,763	-3.5%	39,367	36,262	8.6%
EUR/USD WKLY WED OPTIONS -	2,651	4,632	-42.8%	4,359	-39.2%	32,263	38,245	-15.6%
EUR/USD WKLY WED OPTIONS -	2,805	7,215	-61.1%	4,738	-40.8%	30,436	44,258	-31.2%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	10,434	13,298	-21.5%
EVENT CONTRACT EUR/USD	6,356	0	-	11,588	-45.2%	37,060	0	-
GBP/USD MONDAY OPTION WEE	21	1,141	-98.2%	381	-94.5%	4,357	4,136	5.3%
GBP/USD MONDAY OPTION WEE	717	620	15.6%	1,009	-28.9%	7,903	7,323	7.9%
GBP/USD MONDAY OPTION WEE	80	82	-2.4%	138	-42.0%	2,451	2,082	17.7%
GBP/USD MONDAY OPTION WEE	173	848	-79.6%	335	-48.4%	3,238	3,881	-16.6%
GBP/USD MONDAY OPTION WEE	191	0	0.0%	0	0.0%	591	361	63.7%
GBP/USD MONTHLY OPTIONS	58,164	79,390	-26.7%	72,628	-19.9%	455,587	534,637	-14.8%
GBP/USD THURSDAY WKLY OPT	159	0	-	90	76.7%	1,467	0	-
GBP/USD THURSDAY WKLY OPT	860	0	-	61	1,309.8%	1,576	0	-
GBP/USD THURSDAY WKLY OPT	289	0	-	257	12.5%	2,072	0	-
GBP/USD THURSDAY WKLY OPT	108	0	-	211	-48.8%	866	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	230	-100.0%	291	0	-
GBP/USD TUESDAY WKLY OPT	30	0	-	67	-55.2%	974	0	-
GBP/USD TUESDAY WKLY OPT	293	0	-	443	-33.9%	2,533	0	-
GBP/USD TUESDAY WKLY OPT	86	0	-	335	-74.3%	1,677	0	-
GBP/USD TUESDAY WKLY OPT	132	0	-	409	-67.7%	1,416	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	341	0	-
GBP/USD WKLY FRIDAY OPTION	0	15	-100.0%	273	-100.0%	2,682	5,432	-50.6%
GBP/USD WKLY FRIDAY OPTION	3,623	2,055	76.3%	2,084	73.8%	22,302	16,851	32.3%
GBP/USD WKLY FRIDAY OPTION	3,755	2,615	43.6%	2,054	82.8%	28,644	24,540	16.7%
GBP/USD WKLY FRIDAY OPTION	2,699	1,279	111.0%	3,319	-18.7%	15,615	19,171	-18.5%
GBP/USD WKLY FRIDAY OPTION	0	1,458	-100.0%	879	-100.0%	4,312	7,474	-42.3%
GBP/USD WKLY WED OPTIONS -	1,324	1,389	-4.7%	416	218.3%	5,303	9,206	-42.4%
GBP/USD WKLY WED OPTIONS -	857	483	77.4%	801	7.0%	7,859	3,510	123.9%
GBP/USD WKLY WED OPTIONS -	2,099	244	760.2%	2,147	-2.2%	8,795	7,693	14.3%
GBP/USD WKLY WED OPTIONS -	351	1,881	-81.3%	665	-47.2%	5,063	8,691	-41.7%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	665	481	38.3%
JPY/USD MONDAY OPTION WEE	348	767	-54.6%	733	-52.5%	4,801	2,897	65.7%
JPY/USD MONDAY OPTION WEE	505	688	-26.6%	647	-21.9%	11,662	6,480	80.0%
JPY/USD MONDAY OPTION WEE	104	352	-70.5%	45	131.1%	2,084	2,000	4.2%
JPY/USD MONDAY OPTION WEE	155	1,005	-84.6%	255	-39.2%	5,829	7,141	-18.4%
JPY/USD MONDAY OPTION WEE	2,830	0	0.0%	0	0.0%	3,877	51	7,502.0%
JPY/USD MONTHLY OPTIONS	142,427	144,964	-1.8%	68,841	106.9%	710,984	1,125,774	-36.8%
JPY/USD THURSDAY WKLY OPT	1,502	0	-	51	2,845.1%	1,644	0	-
JPY/USD THURSDAY WKLY OPT	606	0	-	19	3,089.5%	716	0	-
JPY/USD THURSDAY WKLY OPT	12	0	-	86	-86.0%	235	0	-
JPY/USD THURSDAY WKLY OPT	10	0	-	40	-75.0%	149	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	96	-100.0%	253	0	-
JPY/USD TUESDAY WKLY OPT W	19	0	-	21	-9.5%	110	0	-
JPY/USD TUESDAY WKLY OPT W	38	0	-	1,024	-96.3%	3,367	0	-
JPY/USD TUESDAY WKLY OPT W	159	0	-	1,856	-91.4%	2,127	0	-
JPY/USD TUESDAY WKLY OPT W	529	0	-	51	937.3%	1,513	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	0.0%	37	0	-
JPY/USD WKLY FRIDAY OPTION	2	16	-87.5%	247	-99.2%	3,234	24,966	-87.0%

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	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
FX Options								
JPY/USD WKLY FRIDAY OPTION	9,491	3,119	204.3%	3,788	150.6%	47,844	58,873	-18.7%
JPY/USD WKLY FRIDAY OPTION	4,573	11,416	-59.9%	6,592	-30.6%	53,585	83,717	-36.0%
JPY/USD WKLY FRIDAY OPTION	15,032	13,394	12.2%	4,883	207.8%	50,354	77,892	-35.4%
JPY/USD WKLY FRIDAY OPTION	0	12,491	-100.0%	4,966	-100.0%	9,610	29,195	-67.1%
JPY/USD WKLY WED OPTIONS -	6,956	4,094	69.9%	1,655	320.3%	22,411	23,573	-4.9%
JPY/USD WKLY WED OPTIONS -	4,140	4,191	-1.2%	2,163	91.4%	19,530	21,913	-10.9%
JPY/USD WKLY WED OPTIONS -	3,756	3,766	-0.3%	2,227	68.7%	23,904	18,654	28.1%
JPY/USD WKLY WED OPTIONS -	2,218	7,037	-68.5%	1,872	18.5%	16,817	29,129	-42.3%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	3,102	7,555	-58.9%
MXN/USD MONTHLY OPTIONS	1,561	89	1,653.9%	290	438.3%	3,305	7,425	-55.5%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	17	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD MONTHLY OPTIONS	77	3	2,466.7%	567	-86.4%	74,749	7,156	944.6%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	2	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	-	0	0	0.0%
USD/CNH MONTHLY OPTIONS	0	0	-	750	-100.0%	801	0	-
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	0.0%	34	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	0.0%	730	0	-

CME Exchange Volume Report - Monthly

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Futures								
BLOCK CHEESE	730	432	69.0%	394	85.3%	2,921	2,636	10.8%
BUTTER CS	3,268	4,028	-18.9%	4,433	-26.3%	25,545	31,700	-19.4%
CASH-SETTLED CHEESE	14,138	10,547	34.0%	17,475	-19.1%	98,037	72,444	35.3%
CAT ASIA WEATHER	0	0	0.0%	0	-	0	0	0.0%
CATTLE	1,545,969	1,146,384	34.9%	1,457,953	6.0%	9,774,889	8,625,514	13.3%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	100	-100.0%	4,050	7,300	-44.5%
CDD WEATHER	2,500	1,500	66.7%	7,100	-64.8%	13,900	23,650	-41.2%
CLASS IV MILK	1,419	4,335	-67.3%	2,099	-32.4%	8,469	19,899	-57.4%
DRY WHEY	811	865	-6.2%	821	-1.2%	7,920	7,613	4.0%
FEEDER CATTLE	361,019	296,538	21.7%	347,011	4.0%	2,432,079	1,861,080	30.7%
GOLDMAN SACHS	1,687	3,955	-57.3%	1,701	-0.8%	14,797	27,150	-45.5%
GSCI EXCESS RETURN FUT	730	10,723	-93.2%	70,734	-99.0%	154,839	297,711	-48.0%
HDD EURO SEASONAL STRIP	0	1,250	-100.0%	0	0.0%	0	1,250	-100.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0.0%	2,000	8,000	-75.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	7,500	3,875	93.5%
HOGS	1,142,165	971,589	17.6%	1,293,239	-11.7%	7,871,725	6,830,476	15.2%
HOUSING INDEX	18	7	157.1%	6	200.0%	106	118	-10.2%
LUMBER	15,458	6,395	141.7%	19,574	-21.0%	98,319	55,380	77.5%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	42,426	28,648	48.1%	39,402	7.7%	223,935	211,464	5.9%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	4,068	5,012	-18.8%	4,662	-12.7%	35,581	42,947	-17.2%
OTC SP GSCI ER SWAP	17,981	0	-	0	0.0%	94,879	0	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	1,688	1,761	-4.1%	1,875	-10.0%	10,747	17,216	-37.6%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	21,102	22,337	-5.5%	26,584	-20.6%	194,300	159,815	21.6%

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	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Options								
BLOCK CHEESE	438	86	409.3%	572	-23.4%	1,990	2,457	-19.0%
BUTTER CS	3,131	1,443	117.0%	2,360	32.7%	15,689	10,633	47.6%
CASH-SETTLED CHEESE	9,298	6,820	36.3%	11,583	-19.7%	54,605	53,193	2.7%
CATTLE	315,361	166,474	89.4%	432,655	-27.1%	2,091,213	1,483,741	40.9%
CDD SEASONAL STRIP	0	0	0.0%	17,500	-100.0%	82,200	20,500	301.0%
CDD WEATHER	500	0	0.0%	23,000	-97.8%	86,000	1,100	7,718.2%
CLASS IV MILK	13,122	6,211	111.3%	5,379	143.9%	49,837	44,791	11.3%
DRY WHEY	0	392	-100.0%	0	0.0%	73	3,045	-97.6%
FEEDER CATTLE	50,508	37,123	36.1%	60,392	-16.4%	397,285	244,323	62.6%
HDD EURO SEASONAL STRIP	1,000	2,500	-60.0%	22,000	-95.5%	23,000	2,500	820.0%
HDD SEASONAL STRIP	14,500	0	0.0%	15,000	-3.3%	29,500	0	0.0%
HDD WEATHER	0	0	0.0%	0	0.0%	29,700	4,800	518.8%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	20,000	1,000	1,900.0%
HOGS	341,472	213,890	59.6%	396,030	-13.8%	2,126,715	1,599,216	33.0%
LUMBER	280	291	-3.8%	366	-23.5%	1,738	3,154	-44.9%
LV CATL CSO	0	0	-	0	0.0%	60	0	-
MILK	27,101	39,539	-31.5%	35,598	-23.9%	176,842	153,198	15.4%
MLK MID OPTIONS	4	0	0.0%	0	0.0%	19	45	-57.8%
NFD MILK	3,618	3,618	0.0%	5,605	-35.5%	30,925	30,659	0.9%
PORK CUTOUT	4	0	0.0%	0	0.0%	11	35	-68.6%

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	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOLUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	55,932,290	61,275,834	-8.7%	69,474,116	-19.5%	518,516,019	507,897,362	2.1%
Equity Index Futures	80,188,414	106,587,605	-24.8%	110,745,068	-27.6%	720,093,223	877,029,865	-17.9%
FX Futures	16,849,529	18,314,771	-8.0%	22,402,862	-24.8%	127,935,755	127,873,196	0.0%
Ag Products Futures	3,177,177	2,516,306	26.3%	3,295,163	-3.6%	21,076,538	18,307,238	15.1%
TOTAL FUTURES	156,147,410	188,694,516	-17.2%	205,917,209	-24.2%	1,387,621,535	1,531,107,661	-9.4%
TOTAL OPTIONS GROUP								
Equity Index Options	24,189,778	20,099,261	20.4%	28,307,380	-14.5%	184,052,308	168,412,358	9.3%
Interest Rate Options	23,489,684	17,134,196	37.1%	32,444,498	-27.6%	284,370,635	178,535,273	59.3%
FX Options	781,803	874,366	-10.6%	766,352	2.0%	5,529,993	6,282,289	-12.0%
Ag Products Options	780,337	478,387	63.1%	1,028,040	-24.1%	5,217,402	3,658,390	42.6%
TOTAL OPTIONS	49,241,602	38,586,210	27.6%	62,546,270	-21.3%	479,170,338	356,888,310	34.3%
TOTAL COMBINED								
Interest Rate	79,421,974	78,410,030	1.3%	101,918,614	-22.1%	802,886,654	686,432,635	17.0%
Equity Index	104,378,192	126,686,866	-17.6%	139,052,448	-24.9%	904,145,531	1,045,442,223	-13.5%
FX	17,631,332	19,189,137	-8.1%	23,169,214	-23.9%	133,465,748	134,155,485	-0.5%
Ag Products	3,957,514	2,994,693	32.2%	4,323,203	-8.5%	26,293,940	21,965,628	19.7%
GRAND TOTAL	205,389,012	227,280,726	-9.6%	268,463,479	-23.5%	1,866,791,873	1,887,995,971	-1.1%