



CME Exchange Volume Report - Monthly

	VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOIUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	8	-100.0%	0	0.0%	1,006	71,787	-98.6%
BSBY 3-MONTH FUTURES	441	22,242	-98.0%	104	324.0%	31,804	514,223	-93.8%
ESTR Basis Spread Futures	1,816	0	-	1,804	0.7%	12,608	0	-
ESTR Futures	200,796	0	-	160,873	24.8%	796,873	0	-
EURODOLLARS	0	27,341,312	-100.0%	0	0.0%	28,319,809	350,967,486	-91.9%
FTIIE	32	124	-74.2%	80	-60.0%	1,774	981	80.8%
SOFR	63,691,581	54,973,016	15.9%	71,738,040	-11.2%	625,146,376	310,618,463	101.3%
SONIA	48	0	0.0%	15	220.0%	1,399	1,293	8.2%
Interest Rate Options								
EURODOLLARS	0	11,008,197	-100.0%	0	0.0%	9,567,416	114,374,610	-91.6%
EURO MIDCURVE	0	2,421,837	-100.0%	0	0.0%	597,753	63,556,262	-99.1%
SOFR	18,191,685	13,649,019	33.3%	18,739,941	-2.9%	265,704,185	41,610,790	538.5%
SOFR MIDCURVE	6,683,918	4,165,483	60.5%	7,108,036	-6.0%	59,224,161	12,074,720	390.5%
SOFR MISCURVE	0	0	-	0	0.0%	700	0	-

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Equity Index Futures								
BITCOIN	192,620	279,859	-31.2%	238,738	-19.3%	1,991,994	1,965,404	1.4%
E-mini FTSE China 50	0	101	-100.0%	0	0.0%	44	7,006	-99.4%
E-MINI MIDCAP	331,142	432,499	-23.4%	241,247	37.3%	2,504,355	3,074,710	-18.5%
E-MINI NASDAQ 100	14,008,746	17,694,644	-20.8%	15,206,576	-7.9%	124,713,338	133,670,397	-6.7%
E-MINI RUSSELL 1000	19,504	16,666	17.0%	2,669	630.8%	83,890	121,929	-31.2%
E-MINI RUSSELL 1000 GROWTH	12,694	15,462	-17.9%	1,367	828.6%	52,406	79,926	-34.4%
E-MINI RUSSELL 1000 VALUE	42,501	39,614	7.3%	2,809	1,413.0%	164,893	229,110	-28.0%
E-MINI RUSSELL 2000	5,064,499	6,545,944	-22.6%	4,164,458	21.6%	41,344,278	46,249,331	-10.6%
E-MINI S&P500	39,324,995	59,820,277	-34.3%	36,378,651	8.1%	338,497,358	377,216,299	-10.3%
E-MINI S&P500 ESG	57,612	57,966	-0.6%	16,998	238.9%	231,731	291,652	-20.5%
ETHER	0	5	-100.0%	0	0.0%	0	12	-100.0%
ETHER FUTURES	78,571	163,114	-51.8%	83,566	-6.0%	895,734	1,193,101	-24.9%
FT-SE 100	107	75	42.7%	184	-41.8%	751	1,379	-45.5%
FTSE Emerging	0	0	0.0%	0	-	0	0	0.0%
IBOVESPA INDEX	9	54	-83.3%	31	-71.0%	298	529	-43.7%
MICRO BITCOIN	117,844	235,507	-50.0%	160,723	-26.7%	1,775,762	3,002,713	-40.9%
MICRO E-MINI NASDAQ 100	23,844,479	33,070,474	-27.9%	27,371,602	-12.9%	201,618,674	284,153,757	-29.0%
MICRO E-MINI RUSSELL 2000	1,153,149	2,445,573	-52.8%	1,530,334	-24.6%	14,308,647	25,923,270	-44.8%
MICRO E-MINI S&P500	18,645,561	35,111,542	-46.9%	22,107,031	-15.7%	192,247,845	257,412,228	-25.3%
MICRO ETHER	83,356	498,477	-83.3%	114,244	-27.0%	1,555,069	3,921,411	-60.3%
NASDAQ-100 VOLATILITY	0	20	-100.0%	0	0.0%	3,203	18,449	-82.6%
NASDAQ BIOTECH SECTOR	32	589	-94.6%	9	255.6%	1,476	1,958	-24.6%
Nearby BTIC+	0	0	0.0%	0	0.0%	0	6,788	-100.0%
NIKKEI 225 (\$) STOCK	164,463	137,941	19.2%	147,106	11.8%	1,241,359	1,072,915	15.7%
NIKKEI 225 (YEN) STOCK	674,144	890,324	-24.3%	554,988	21.5%	5,647,385	7,180,096	-21.3%
PHLX SEMICONDUCTOR SECTO	4,332	842	414.5%	203	2,034.0%	7,644	868	780.6%
S&P 500	113,872	161,343	-29.4%	84,466	34.8%	918,278	718,701	27.8%
S&P 500 ANNUAL DIVIDEND IND	111,529	79,879	39.6%	97,219	14.7%	704,102	744,202	-5.4%
S&P 500 QUARLY DIVIDEND IND	15,341	5,102	200.7%	8,776	74.8%	134,758	38,785	247.4%
S&P 600 SMALLCAP EMINI	1,317	0	-	78	1,588.5%	1,987	0	-
S&P BIOTECHNOLOGY SECTOR	1,182	1,400	-15.6%	615	92.2%	9,572	7,207	32.8%
S&P COMMUNICATION SERVICE	14,961	8,335	79.5%	1,407	963.3%	58,621	38,665	51.6%
S&P CONSUMER DISCRETIONAF	20,095	19,501	3.0%	5,847	243.7%	102,887	128,677	-20.0%
S&P CONSUMER STAPLES SECT	70,083	57,579	21.7%	24,871	181.8%	321,003	268,224	19.7%
S&P ENERGY SECTOR	85,086	118,572	-28.2%	28,120	202.6%	440,158	648,783	-32.2%
S&P FINANCIAL SECTOR	84,994	67,384	26.1%	19,308	340.2%	449,700	352,129	27.7%
S&P HEALTH CARE SECTOR	36,292	47,201	-23.1%	13,410	170.6%	218,660	260,695	-16.1%
S&P INDUSTRIAL SECTOR	32,158	50,105	-35.8%	7,018	358.2%	201,629	273,411	-26.3%
S&P MATERIALS SECTOR	21,160	24,290	-12.9%	5,805	264.5%	151,952	145,147	4.7%
S&P OIL & GAS EXPLORATION A	1,104	691	59.8%	426	159.2%	2,948	3,825	-22.9%
S&P REAL ESTATE SECTOR	23,624	13,984	68.9%	4,855	386.6%	104,464	64,147	62.9%
S&P REGIONAL BANKS SECTOR	4,263	1,320	223.0%	1,436	196.9%	15,019	1,607	834.6%
S&P RETAIL SECTOR	430	872	-50.7%	498	-13.7%	5,356	2,659	101.4%
S&P TECHNOLOGY SECTOR	40,147	61,250	-34.5%	12,070	232.6%	177,076	240,776	-26.5%
S&P UTILITIES SECTOR	111,100	62,605	77.5%	30,452	264.8%	463,672	342,617	35.3%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	-	0	0	0.0%
TOPIX (USD)	50	0	-	104	-51.9%	766	0	-
TOPIX (YEN)	235	1,570	-85.0%	184	27.7%	2,238	19,766	-88.7%
WATER INDEX FUTURES	0	0	0.0%	3	-100.0%	128	592	-78.4%

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Equity Index Options								
BITCOIN OPTIONS	5,285	2,586	104.4%	6,048	-12.6%	59,216	23,791	148.9%
E-MINI NASDAQ 100	1,497,566	1,153,958	29.8%	1,839,283	-18.6%	12,270,635	9,026,437	35.9%
E-MINI RUSSELL 2000	93,836	109,310	-14.2%	112,761	-16.8%	1,244,598	1,232,214	1.0%
E-MINI S&P500	30,522,608	29,280,658	4.2%	32,472,105	-6.0%	234,790,691	209,901,197	11.9%
EOM S&P 500	0	0	0.0%	0	-	0	0	0.0%
ETHER OPTIONS	3,100	103	2,909.7%	4,156	-25.4%	18,054	103	17,428.2%
EVENT CONTRACT S&P 500	11,617	0	-	6,393	81.7%	54,141	0	-
MICRO BITCOIN	9,664	11,819	-18.2%	16,745	-42.3%	105,193	66,980	57.1%
MICRO E-MINI NASDAQ 100	51,731	45,890	12.7%	73,534	-29.7%	503,442	498,771	0.9%
Micro E-mini S&P 500	281,117	252,242	11.4%	228,864	22.8%	2,123,847	2,113,911	0.5%
MICRO ETHER	17,176	59,201	-71.0%	25,691	-33.1%	161,771	277,615	-41.7%
S&P 500	0	0	0.0%	0	-	0	0	0.0%
FX Futures								
AD/CD CROSS RATES	3	114	-97.4%	0	0.0%	170	573	-70.3%
AD/JY CROSS RATES	2,382	5,580	-57.3%	982	142.6%	15,175	43,816	-65.4%
AD/NE CROSS RATES	11,542	17,481	-34.0%	2,368	387.4%	38,578	48,892	-21.1%
AUSTRALIAN DOLLAR	2,806,173	2,777,152	1.0%	1,922,354	46.0%	18,480,854	19,132,275	-3.4%
BP/JY CROSS RATES	5,712	13,380	-57.3%	1,911	198.9%	32,062	48,260	-33.6%
BP/SF CROSS RATES	5,024	10,246	-51.0%	693	625.0%	32,682	27,676	18.1%
BRAZIL REAL	344,387	294,885	16.8%	360,917	-4.6%	2,608,485	2,899,975	-10.1%
BRITISH POUND	2,763,539	4,450,862	-37.9%	2,100,174	31.6%	20,086,589	23,326,943	-13.9%
CANADIAN DOLLAR	2,321,954	2,686,823	-13.6%	1,603,572	44.8%	15,716,828	17,032,296	-7.7%
CD/JY CROSS RATES	192	15	1,180.0%	59	225.4%	589	622	-5.3%
CHILEAN PESO	0	0	0.0%	0	0.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	41,908	49,260	-14.9%	34,233	22.4%	262,418	253,135	3.7%
CZECK KORUNA (EC)	1	0	0.0%	0	0.0%	6	41	-85.4%
CZECK KORUNA (US)	2	242	-99.2%	5	-60.0%	241	322	-25.2%
EC/AD CROSS RATES	20,925	14,356	45.8%	3,113	572.2%	57,562	55,022	4.6%
EC/CD CROSS RATES	15,582	15,976	-2.5%	2,509	521.0%	59,974	80,239	-25.3%
EC/NOK CROSS RATES	1,386	11,221	-87.6%	354	291.5%	22,178	23,203	-4.4%
EC/SEK CROSS RATES	13,014	5,019	159.3%	897	1,350.8%	48,192	32,693	47.4%
EFX/BP CROSS RATES	159,095	194,501	-18.2%	41,978	279.0%	639,762	902,927	-29.1%
EFX/JY CROSS RATES	112,804	101,560	11.1%	30,223	273.2%	492,245	554,211	-11.2%
EFX/SF CROSS RATES	53,582	64,632	-17.1%	11,462	367.5%	232,558	395,975	-41.3%
E-MICRO USD/CAD	95	83	14.5%	42	126.2%	1,069	1,818	-41.2%
E-MICRO USD/CHF	117	63	85.7%	54	116.7%	1,319	707	86.6%
E-MICRO USD/JPY	4,873	1,980	146.1%	7,570	-35.6%	33,829	150,324	-77.5%
E-MINI EURO FX	111,565	214,527	-48.0%	102,553	8.8%	1,092,959	1,359,912	-19.6%
E-MINI JAPANESE YEN	10,249	22,461	-54.4%	13,314	-23.0%	109,754	105,636	3.9%
EURO FX	6,081,239	8,111,349	-25.0%	4,167,172	45.9%	43,414,903	46,057,499	-5.7%
HUNGARIAN FORINT (EC)	15	0	0.0%	1	1,400.0%	37	32	15.6%
HUNGARIAN FORINT (US)	1	4	-75.0%	3	-66.7%	86	42	104.8%
INDIAN RUPEE	19,156	44,500	-57.0%	24,084	-20.5%	242,047	230,589	5.0%
JAPANESE YEN	3,881,419	5,026,431	-22.8%	3,121,357	24.4%	32,375,406	29,322,413	10.4%
KOREAN WON	857	326	162.9%	968	-11.5%	8,475	4,682	81.0%
MEXICAN PESO	1,994,204	1,946,448	2.5%	1,201,351	66.0%	11,792,089	10,936,117	7.8%
MICRO AUD/USD	250,855	276,759	-9.4%	299,003	-16.1%	2,439,074	2,354,409	3.6%
MICRO CAD/USD	43,112	69,404	-37.9%	42,381	1.7%	466,191	527,704	-11.7%

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FX Futures								
MICRO CHF/USD	16,579	25,467	-34.9%	16,520	0.4%	141,014	157,429	-10.4%
MICRO EUR/USD	522,155	1,023,632	-49.0%	602,602	-13.3%	5,553,473	6,998,898	-20.7%
MICRO GBP/USD	62,423	233,213	-73.2%	75,194	-17.0%	617,356	1,018,750	-39.4%
MICRO INR/USD	244	592	-58.8%	308	-20.8%	3,822	6,422	-40.5%
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	844,584	972,959	-13.2%	655,207	28.9%	5,936,636	5,852,958	1.4%
NKR/USD CROSS RATE	5,788	7,299	-20.7%	2,966	95.1%	43,675	32,945	32.6%
POLISH ZLOTY (EC)	167	203	-17.7%	23	626.1%	723	1,221	-40.8%
POLISH ZLOTY (US)	2,591	2,929	-11.5%	969	167.4%	12,242	13,769	-11.1%
RMB USD	0	10	-100.0%	0	0.0%	5	29	-82.8%
RUSSIAN RUBLE	0	22	-100.0%	0	0.0%	0	587,309	-100.0%
S.AFRICAN RAND	91,335	113,049	-19.2%	95,837	-4.7%	798,547	877,998	-9.0%
SF/JY CROSS RATES	2,734	3,434	-20.4%	188	1,354.3%	9,841	10,327	-4.7%
SHEKEL	439	45	875.6%	212	107.1%	1,203	153	686.3%
SKR/USD CROSS RATES	7,398	12,830	-42.3%	3,679	101.1%	51,604	71,559	-27.9%
SWISS FRANC	571,171	783,821	-27.1%	372,152	53.5%	4,088,873	5,022,595	-18.6%
TURKISH LIRA	56	132	-57.6%	62	-9.7%	409	437	-6.4%
USDZAR	10	0	0.0%	0	0.0%	115	31	271.0%
FX Options								
AUD/USD MONDAY OPTION WEE	191	55	247.3%	296	-35.5%	1,779	1,754	1.4%
AUD/USD MONDAY OPTION WEE	187	53	252.8%	722	-74.1%	3,670	3,243	13.2%
AUD/USD MONDAY OPTION WEE	143	84	70.2%	127	12.6%	1,988	2,286	-13.0%
AUD/USD MONDAY OPTION WEE	135	268	-49.6%	725	-81.4%	2,674	3,143	-14.9%
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	490	1,218	-59.8%
AUD/USD MONTHLY OPTIONS	75,401	80,112	-5.9%	62,600	20.4%	586,303	782,326	-25.1%
AUD/USD THURSDAY WKLY OPT	41	0	-	13	215.4%	1,065	0	-
AUD/USD THURSDAY WKLY OPT	50	0	-	104	-51.9%	792	0	-
AUD/USD THURSDAY WKLY OPT	16	0	-	35	-54.3%	1,222	0	-
AUD/USD THURSDAY WKLY OPT	71	0	-	1,048	-93.2%	1,567	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	10	-100.0%	498	0	-
AUD/USD TUESDAY WKLY OPT	253	0	-	1,303	-80.6%	1,791	0	-
AUD/USD TUESDAY WKLY OPT	40	0	-	30	33.3%	1,802	0	-
AUD/USD TUESDAY WKLY OPT	39	0	-	127	-69.3%	1,204	0	-
AUD/USD TUESDAY WKLY OPT	298	0	-	401	-25.7%	1,230	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	77	-100.0%	282	0	-
AUD/USD WKLY FRIDAY OPTION	37	177	-79.1%	3,158	-98.8%	4,589	5,480	-16.3%
AUD/USD WKLY FRIDAY OPTION	804	973	-17.4%	1,601	-49.8%	13,099	13,784	-5.0%
AUD/USD WKLY FRIDAY OPTION	1,276	1,344	-5.1%	1,469	-13.1%	16,022	20,464	-21.7%
AUD/USD WKLY FRIDAY OPTION	1,169	1,074	8.8%	1,907	-38.7%	16,311	15,775	3.4%
AUD/USD WKLY FRIDAY OPTION	889	972	-8.5%	579	53.5%	4,154	5,800	-28.4%
AUD/USD WKLY WED OPTIONS -	649	82	691.5%	295	120.0%	4,336	5,929	-26.9%
AUD/USD WKLY WED OPTIONS -	357	199	79.4%	540	-33.9%	2,542	4,194	-39.4%
AUD/USD WKLY WED OPTIONS -	282	202	39.6%	295	-4.4%	2,864	5,318	-46.1%
AUD/USD WKLY WED OPTIONS -	122	114	7.0%	172	-29.1%	2,539	4,608	-44.9%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	757	-100.0%	1,279	578	121.3%
AUD/USD WKLY WED OPTIONS -	0	284	-100.0%	140	-100.0%	345	3,021	-88.6%
BRL/USD MONTHLY OPTIONS	654	545	20.0%	250	161.6%	7,006	1,833	282.2%
CAD/USD MONDAY OPTIONS WE	138	928	-85.1%	471	-70.7%	9,194	10,496	-12.4%

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FX Options								
CAD/USD MONDAY OPTIONS WE	392	1,922	-79.6%	711	-44.9%	6,475	9,622	-32.7%
CAD/USD MONDAY OPTIONS WE	2,473	804	207.6%	953	159.5%	8,127	7,006	16.0%
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	0	0.0%	338	1,535	-78.0%
CAD/USD MONTHLY OPTIONS	35,177	86,838	-59.5%	29,755	18.2%	470,495	839,169	-43.9%
CAD/USD THURSDAY WKLY OPT	212	0	-	12	1,666.7%	2,488	0	-
CAD/USD THURSDAY WKLY OPT	561	0	-	46	1,119.6%	2,864	0	-
CAD/USD THURSDAY WKLY OPT	247	0	-	201	22.9%	2,852	0	-
CAD/USD THURSDAY WKLY OPT	937	0	-	385	143.4%	4,851	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	351	-100.0%	2,323	0	-
CAD/USD TUESDAY WKLY OPT	59	0	-	218	-72.9%	3,088	0	-
CAD/USD TUESDAY WKLY OPT	583	0	-	22	2,550.0%	5,565	0	-
CAD/USD TUESDAY WKLY OPT	500	0	-	7	7,042.9%	3,264	0	-
CAD/USD TUESDAY WKLY OPT	1,680	0	-	2	83,900.0%	2,986	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	109	-100.0%	917	0	-
CAD/USD WKLY FRIDAY OPTION	209	1,002	-79.1%	5,585	-96.3%	11,658	13,523	-13.8%
CAD/USD WKLY FRIDAY OPTION	1,647	1,535	7.3%	624	163.9%	18,857	30,466	-38.1%
CAD/USD WKLY FRIDAY OPTION	3,351	4,764	-29.7%	2,426	38.1%	22,930	52,308	-56.2%
CAD/USD WKLY FRIDAY OPTION	4,477	7,708	-41.9%	2,320	93.0%	29,386	45,773	-35.8%
CAD/USD WKLY FRIDAY OPTION	3,191	2,751	16.0%	532	499.8%	11,527	12,898	-10.6%
CAD/USD WKLY WED OPTIONS -	720	1,147	-37.2%	1,318	-45.4%	11,442	9,172	24.7%
CAD/USD WKLY WED OPTIONS -	910	404	125.2%	690	31.9%	9,757	11,221	-13.0%
CAD/USD WKLY WED OPTIONS -	2,959	1,750	69.1%	426	594.6%	9,397	13,505	-30.4%
CAD/USD WKLY WED OPTIONS -	1,727	564	206.2%	73	2,265.8%	10,594	14,133	-25.0%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	1,435	-100.0%	3,566	4,474	-20.3%
CHF/USD MONTHLY OPTIONS	4,668	13,837	-66.3%	3,468	34.6%	69,396	54,182	28.1%
CHF/USD WKLY FRIDAY OPTION	56	0	0.0%	1,912	-97.1%	2,103	989	112.6%
CHF/USD WKLY FRIDAY OPTION	61	8	662.5%	38	60.5%	5,542	871	536.3%
CHF/USD WKLY FRIDAY OPTION	236	38	521.1%	1,894	-87.5%	6,919	1,001	591.2%
CHF/USD WKLY FRIDAY OPTION	465	181	156.9%	2,989	-84.4%	15,761	1,207	1,205.8%
CHF/USD WKLY FRIDAY OPTION	473	34	1,291.2%	4	11,725.0%	3,534	117	2,920.5%
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	1,480	4,350	-66.0%	159	830.8%	15,014	16,403	-8.5%
EUR/USD MONDAY OPTION WEE	1,672	3,272	-48.9%	1,707	-2.1%	15,397	24,485	-37.1%
EUR/USD MONDAY OPTION WEE	1,825	2,124	-14.1%	1,535	18.9%	12,755	9,660	32.0%
EUR/USD MONDAY OPTION WEE	597	4,943	-87.9%	1,828	-67.3%	15,119	28,837	-47.6%
EUR/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	2,061	4,256	-51.6%
EUR/USD MONTHLY OPTIONS	338,974	431,923	-21.5%	245,357	38.2%	2,506,198	2,422,815	3.4%
EUR/USD THURSDAY WKLY OPT	544	0	-	165	229.7%	6,924	0	-
EUR/USD THURSDAY WKLY OPT	944	0	-	972	-2.9%	6,400	0	-
EUR/USD THURSDAY WKLY OPT	808	0	-	26	3,007.7%	5,362	0	-
EUR/USD THURSDAY WKLY OPT	1,313	0	-	48	2,635.4%	8,160	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	281	-100.0%	380	0	-
EUR/USD TUESDAY WKLY OPT	1,320	0	-	854	54.6%	3,883	0	-
EUR/USD TUESDAY WKLY OPT	81	0	-	204	-60.3%	5,637	0	-
EUR/USD TUESDAY WKLY OPT	473	0	-	22	2,050.0%	6,080	0	-
EUR/USD TUESDAY WKLY OPT	465	0	-	79	488.6%	4,302	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	169	-100.0%	1,588	0	-
EUR/USD WKLY FRIDAY OPTION	755	3,547	-78.7%	14,852	-94.9%	29,190	54,079	-46.0%
EUR/USD WKLY FRIDAY OPTION	9,486	6,683	41.9%	22,455	-57.8%	154,601	125,318	23.4%
EUR/USD WKLY FRIDAY OPTION	37,504	16,609	125.8%	24,109	55.6%	224,608	149,616	50.1%

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	VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOIUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
FX Options								
EUR/USD WKLY FRIDAY OPTION	20,325	11,726	73.3%	34,930	-41.8%	243,619	170,492	42.9%
EUR/USD WKLY FRIDAY OPTION	14,932	15,398	-3.0%	759	1,867.3%	34,918	59,021	-40.8%
EUR/USD WKLY WED OPTIONS -	5,386	11,867	-54.6%	5,692	-5.4%	42,676	58,806	-27.4%
EUR/USD WKLY WED OPTIONS -	9,166	7,309	25.4%	6,771	35.4%	55,304	48,954	13.0%
EUR/USD WKLY WED OPTIONS -	7,331	5,079	44.3%	3,096	136.8%	42,690	48,060	-11.2%
EUR/USD WKLY WED OPTIONS -	7,293	7,733	-5.7%	3,962	84.1%	41,691	59,070	-29.4%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	4,435	-100.0%	14,869	21,447	-30.7%
EVENT CONTRACT EUR/USD	6,812	1,690	303.1%	7,754	-12.1%	51,626	1,690	2,954.8%
GBP/USD MONDAY OPTION WEE	1,679	771	117.8%	158	962.7%	6,194	4,908	26.2%
GBP/USD MONDAY OPTION WEE	192	1,342	-85.7%	864	-77.8%	8,959	10,203	-12.2%
GBP/USD MONDAY OPTION WEE	799	739	8.1%	423	88.9%	3,673	2,910	26.2%
GBP/USD MONDAY OPTION WEE	3,155	860	266.9%	514	513.8%	6,907	4,880	41.5%
GBP/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	591	1,480	-60.1%
GBP/USD MONTHLY OPTIONS	74,597	136,054	-45.2%	76,491	-2.5%	606,675	752,982	-19.4%
GBP/USD THURSDAY WKLY OPT	595	0	-	191	211.5%	2,253	0	-
GBP/USD THURSDAY WKLY OPT	88	0	-	56	57.1%	1,720	0	-
GBP/USD THURSDAY WKLY OPT	115	0	-	123	-6.5%	2,310	0	-
GBP/USD THURSDAY WKLY OPT	361	0	-	99	264.6%	1,326	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	72	-100.0%	363	0	-
GBP/USD TUESDAY WKLY OPT	477	0	-	53	800.0%	1,504	0	-
GBP/USD TUESDAY WKLY OPT	158	0	-	226	-30.1%	2,917	0	-
GBP/USD TUESDAY WKLY OPT	104	0	-	112	-7.1%	1,893	0	-
GBP/USD TUESDAY WKLY OPT	128	0	-	136	-5.9%	1,680	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	107	-100.0%	448	0	-
GBP/USD WKLY FRIDAY OPTION	145	206	-29.6%	3,801	-96.2%	6,628	9,133	-27.4%
GBP/USD WKLY FRIDAY OPTION	2,953	1,119	163.9%	927	218.6%	26,182	21,323	22.8%
GBP/USD WKLY FRIDAY OPTION	2,596	2,891	-10.2%	3,758	-30.9%	34,998	30,141	16.1%
GBP/USD WKLY FRIDAY OPTION	3,226	6,601	-51.1%	3,997	-19.3%	22,838	28,295	-19.3%
GBP/USD WKLY FRIDAY OPTION	1,898	2,477	-23.4%	715	165.5%	6,925	10,677	-35.1%
GBP/USD WKLY WED OPTIONS -	1,861	1,605	16.0%	129	1,342.6%	7,293	11,230	-35.1%
GBP/USD WKLY WED OPTIONS -	305	382	-20.2%	822	-62.9%	8,986	4,293	109.3%
GBP/USD WKLY WED OPTIONS -	1,653	1,499	10.3%	687	140.6%	11,135	9,290	19.9%
GBP/USD WKLY WED OPTIONS -	920	1,152	-20.1%	391	135.3%	6,374	10,802	-41.0%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	784	-100.0%	1,449	670	116.3%
JPY/USD MONDAY OPTION WEE	1,387	3,640	-61.9%	273	408.1%	6,461	6,541	-1.2%
JPY/USD MONDAY OPTION WEE	593	101	487.1%	204	190.7%	12,459	7,877	58.2%
JPY/USD MONDAY OPTION WEE	593	44	1,247.7%	1,761	-66.3%	4,438	2,820	57.4%
JPY/USD MONDAY OPTION WEE	1,084	1,389	-22.0%	348	211.5%	7,261	9,383	-22.6%
JPY/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	3,877	247	1,469.6%
JPY/USD MONTHLY OPTIONS	87,592	118,691	-26.2%	96,779	-9.5%	895,355	1,340,595	-33.2%
JPY/USD THURSDAY WKLY OPT	542	0	-	19	2,752.6%	2,205	0	-
JPY/USD THURSDAY WKLY OPT	5	0	-	25	-80.0%	746	0	-
JPY/USD THURSDAY WKLY OPT	27	0	-	18	50.0%	280	0	-
JPY/USD THURSDAY WKLY OPT	523	0	-	70	647.1%	742	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	24	-100.0%	277	0	-
JPY/USD TUESDAY WKLY OPT W	1,288	0	-	61	2,011.5%	1,459	0	-
JPY/USD TUESDAY WKLY OPT W	565	0	-	5	11,200.0%	3,937	0	-
JPY/USD TUESDAY WKLY OPT W	206	0	-	86	139.5%	2,419	0	-
JPY/USD TUESDAY WKLY OPT W	1,858	0	-	82	2,165.9%	3,453	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	103	-100.0%	140	0	-
JPY/USD WKLY FRIDAY OPTION	241	492	-51.0%	6,793	-96.5%	10,268	32,838	-68.7%

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	VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOIUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
FX Options								
JPY/USD WKLY FRIDAY OPTION	4,044	4,319	-6.4%	4,234	-4.5%	56,122	71,606	-21.6%
JPY/USD WKLY FRIDAY OPTION	5,421	10,344	-47.6%	8,892	-39.0%	67,898	102,996	-34.1%
JPY/USD WKLY FRIDAY OPTION	7,946	13,498	-41.1%	10,825	-26.6%	69,125	101,070	-31.6%
JPY/USD WKLY FRIDAY OPTION	8,557	9,443	-9.4%	881	871.3%	19,048	38,761	-50.9%
JPY/USD WKLY WED OPTIONS -	5,232	5,226	0.1%	1,535	240.8%	29,178	30,843	-5.4%
JPY/USD WKLY WED OPTIONS -	2,538	6,494	-60.9%	2,325	9.2%	24,393	31,447	-22.4%
JPY/USD WKLY WED OPTIONS -	2,445	5,731	-57.3%	1,854	31.9%	28,203	28,799	-2.1%
JPY/USD WKLY WED OPTIONS -	2,370	8,037	-70.5%	1,753	35.2%	20,940	39,694	-47.2%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	3,401	-100.0%	6,503	12,005	-45.8%
MXN/USD MONTHLY OPTIONS	3,453	1,320	161.6%	450	667.3%	7,208	15,512	-53.5%
MXN/USD WKLY FRIDAY OPTION	0	0	-	5	-100.0%	5	0	-
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	54	16,403	-99.7%	513	-89.5%	75,316	23,722	217.5%
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	-	0	0.0%	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	-



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	VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOIUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Futures								
BLOCK CHEESE	1,272	208	511.5%	891	42.8%	5,084	3,092	64.4%
BUTTER CS	3,973	2,930	35.6%	4,323	-8.1%	33,841	38,602	-12.3%
CASH-SETTLED CHEESE	11,406	8,346	36.7%	11,058	3.1%	120,501	89,633	34.4%
CAT ASIA WEATHER	0	0	0.0%	0	-	0	0	0.0%
CATTLE	1,395,055	1,329,587	4.9%	1,209,977	15.3%	12,379,921	10,990,192	12.6%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	4,050	7,400	-45.3%
CDD WEATHER	1,000	0	0.0%	2,050	-51.2%	16,950	23,650	-28.3%
CLASS IV MILK	3,853	2,147	79.5%	1,132	240.4%	13,454	24,519	-45.1%
DRY WHEY	1,024	1,209	-15.3%	916	11.8%	9,860	9,567	3.1%
FEEDER CATTLE	434,825	339,361	28.1%	406,055	7.1%	3,272,959	2,519,038	29.9%
GOLDMAN SACHS	1,890	4,321	-56.3%	1,834	3.1%	18,521	36,235	-48.9%
GSCI EXCESS RETURN FUT	72,785	102,342	-28.9%	2,200	3,208.4%	229,824	404,607	-43.2%
HDD EURO SEASONAL STRIP	0	250	-100.0%	0	0.0%	0	2,375	-100.0%
HDD SEASONAL STRIP	0	2,750	-100.0%	0	0.0%	0	3,750	-100.0%
HDD WEATHER	250	675	-63.0%	0	0.0%	2,250	9,675	-76.7%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	7,500	3,875	93.5%
HOGS	1,042,545	1,051,678	-0.9%	989,744	5.3%	9,904,014	8,759,478	13.1%
HOUSING INDEX	17	7	142.9%	22	-22.7%	145	141	2.8%
LUMBER	13,734	10,353	32.7%	19,297	-28.8%	131,350	77,695	69.1%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	33,635	25,869	30.0%	31,417	7.1%	288,987	265,235	9.0%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	5,650	3,444	64.1%	5,728	-1.4%	46,959	51,561	-8.9%
OTC SP GSCI ER SWAP	0	0	-	20,468	-100.0%	115,347	0	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	1,162	1,206	-3.6%	1,718	-32.4%	13,627	19,765	-31.1%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	25,720	21,758	18.2%	21,114	21.8%	241,134	203,555	18.5%

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	VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOIUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Options								
BLOCK CHEESE	858	20	4,190.0%	1,008	-14.9%	3,856	2,509	53.7%
BUTTER CS	1,249	1,250	-0.1%	1,049	19.1%	17,987	14,002	28.5%
CASH-SETTLED CHEESE	8,502	3,829	122.0%	6,947	22.4%	70,054	65,211	7.4%
CATTLE	351,440	232,158	51.4%	321,504	9.3%	2,764,157	1,952,644	41.6%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	82,200	20,500	301.0%
CDD WEATHER	0	0	0.0%	30,000	-100.0%	116,000	1,100	10,445.5%
CLASS IV MILK	9,147	12,478	-26.7%	4,258	114.8%	63,242	68,056	-7.1%
DRY WHEY	278	0	0.0%	1,194	-76.7%	1,545	3,229	-52.2%
FEEDER CATTLE	77,694	37,296	108.3%	66,858	16.2%	541,837	323,818	67.3%
HDD EURO SEASONAL STRIP	0	500	-100.0%	5,000	-100.0%	28,000	4,750	489.5%
HDD SEASONAL STRIP	5,000	1,500	233.3%	13,000	-61.5%	47,500	2,500	1,800.0%
HDD WEATHER	18,150	0	0.0%	0	0.0%	47,850	12,300	289.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	20,000	1,000	1,900.0%
HOGS	276,518	242,841	13.9%	384,682	-28.1%	2,787,915	2,086,817	33.6%
LUMBER	1,297	203	538.9%	575	125.6%	3,610	3,730	-3.2%
LV CATL CSO	0	0	-	0	0.0%	60	0	-
MILK	18,388	29,364	-37.4%	21,255	-13.5%	216,485	215,196	0.6%
MLK MID OPTIONS	3	0	0.0%	0	0.0%	22	45	-51.1%
NFD MILK	8,053	2,921	175.7%	7,757	3.8%	46,735	38,251	22.2%
PORK CUTOUT	0	0	0.0%	100	-100.0%	111	35	217.1%

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	VOLUME SEP 2023	VOLUME SEP 2022	% CHG	VOIUME AUG 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	63,894,714	82,336,702	-22.4%	71,900,916	-11.1%	654,311,649	662,174,233	-1.2%
Equity Index Futures	104,609,383	158,240,552	-33.9%	108,670,502	-3.7%	933,373,108	1,151,095,853	-18.9%
FX Futures	23,204,638	29,607,277	-21.6%	16,923,576	37.1%	168,063,969	176,665,555	-4.9%
Ag Products Futures	3,049,796	2,908,441	4.9%	2,729,944	11.7%	26,856,278	23,543,640	14.1%
TOTAL FUTURES	194,758,531	273,092,972	-28.7%	200,224,938	-2.7%	1,782,605,004	2,013,479,281	-11.5%
TOTAL OPTIONS GROUP								
Equity Index Options	32,493,700	30,915,767	5.1%	34,785,580	-6.6%	251,331,588	223,141,019	12.6%
Interest Rate Options	24,875,603	31,244,536	-20.4%	25,847,977	-3.8%	335,094,215	231,616,382	44.7%
FX Options	857,268	1,109,876	-22.8%	758,934	13.0%	7,146,195	8,131,125	-12.1%
Ag Products Options	776,577	564,360	37.6%	865,187	-10.2%	6,859,166	4,815,693	42.4%
TOTAL OPTIONS	59,003,148	63,834,539	-7.6%	62,257,678	-5.2%	600,431,164	467,704,219	28.4%
TOTAL COMBINED								
Interest Rate	88,770,317	113,581,238	-21.8%	97,748,893	-9.2%	989,405,864	893,790,615	10.7%
Equity Index	137,103,083	189,156,319	-27.5%	143,456,082	-4.4%	1,184,704,696	1,374,236,872	-13.8%
FX	24,061,906	30,717,153	-21.7%	17,682,510	36.1%	175,210,164	184,796,680	-5.2%
Ag Products	3,826,373	3,472,801	10.2%	3,595,131	6.4%	33,715,444	28,359,333	18.9%
GRAND TOTAL	253,761,679	336,927,511	-24.7%	262,482,616	-3.3%	2,383,036,168	2,481,183,500	-4.0%

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.