



## CME Exchange Volume Report - Monthly

	VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOIUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>								
1-MONTH EURODOLLAR	0	0	0.0%	4,607	-100.0%	71,779	0	0.0%
BSBY 3-MONTH FUTURES	34,249	1,953	1,653.7%	23,037	48.7%	491,981	1,953	25,091.0%
EURODOLLARS	27,238,830	40,871,194	-33.4%	25,666,002	6.1%	323,626,174	394,999,840	-18.1%
SOFR	44,666,940	2,750,524	1,523.9%	35,582,062	25.5%	255,645,447	19,307,249	1,224.1%
SONIA	0	37,166	-100.0%	57	-100.0%	1,293	758,269	-99.8%
TIIE	150	364	-58.8%	69	117.4%	857	467	83.5%
<b>Interest Rate Options</b>								
EURODOLLARS	7,309,971	2,651,800	175.7%	6,620,139	10.4%	103,366,413	32,010,945	222.9%
EURO MIDCURVE	2,605,796	15,255,171	-82.9%	2,793,703	-6.7%	61,134,425	135,543,558	-54.9%
SOFR	9,165,942	50	18,331,784.0%	6,462,296	41.8%	27,961,771	8,342	335,092.7%
SOFR MIDCURVE	2,754,864	0	0.0%	1,258,058	119.0%	7,909,237	60	13,181,961.7%

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<b>Equity Index Futures</b>								
BITCOIN	223,210	142,171	57.0%	246,430	-9.4%	1,685,545	1,725,096	-2.3%
E-mini FTSE China 50	64	211	-69.7%	177	-63.8%	6,905	347	1,889.9%
E-MINI MIDCAP	251,129	192,521	30.4%	237,655	5.7%	2,642,211	1,981,778	33.3%
E-MINI NASDAQ 100	14,022,454	10,480,818	33.8%	12,307,659	13.9%	115,975,753	89,782,342	29.2%
E-MINI RUSSELL 1000	1,075	7,425	-85.5%	7,385	-85.4%	105,263	68,087	54.6%
E-MINI RUSSELL 1000 GROWTH	3,271	1,423	129.9%	2,134	53.3%	64,464	35,473	81.7%
E-MINI RUSSELL 1000 VALUE	6,472	3,409	89.9%	9,468	-31.6%	189,496	207,799	-8.8%
E-MINI RUSSELL 2000	4,198,438	3,681,690	14.0%	3,635,280	15.5%	39,703,387	32,579,642	21.9%
E-MINI S&P500	38,653,177	25,058,886	54.2%	34,150,807	13.2%	317,396,022	258,488,042	22.8%
E-MINI S&P500 ESG	14,920	6,232	139.4%	10,235	45.8%	233,686	134,696	73.5%
ETHER	7	0	-	0	-	7	0	-
ETHER FUTURES	142,277	95,216	49.4%	158,409	-10.2%	1,029,987	430,304	139.4%
FT-SE 100	60	0	0.0%	105	-42.9%	1,304	241	441.1%
FTSE Emerging	0	0	0.0%	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	30	391	-92.3%	45	-33.3%	475	1,639	-71.0%
MICRO BITCOIN	202,989	295,595	-31.3%	258,348	-21.4%	2,767,206	1,723,526	60.6%
MICRO E-MINI NASDAQ 100	28,667,304	16,000,710	79.2%	26,864,939	6.7%	251,083,283	154,367,071	62.7%
MICRO E-MINI RUSSELL 2000	1,926,648	2,756,828	-30.1%	1,933,174	-0.3%	23,477,697	24,831,651	-5.5%
MICRO E-MINI S&P500	26,196,251	13,547,604	93.4%	25,310,520	3.5%	222,300,686	141,543,317	57.1%
MICRO ETHER	405,639	0	-	513,186	-21.0%	3,422,934	0	-
NASDAQ-100 VOLATILITY	88	6	1,366.7%	647	-86.4%	18,429	62	29,624.2%
NASDAQ BIOTECH SECTOR	100	386	-74.1%	65	53.8%	1,369	6,091	-77.5%
Nearby BTIC+	300	0	0.0%	600	-50.0%	6,788	356	1,806.7%
NIKKEI 225 (\$) STOCK	82,865	94,278	-12.1%	72,299	14.6%	934,974	967,938	-3.4%
NIKKEI 225 (YEN) STOCK	578,657	503,205	15.0%	599,057	-3.4%	6,289,772	4,980,557	26.3%
PHLX SEMICONDUCTOR SECTO	26	0	-	0	-	26	0	-
S&P 500	30,913	73,641	-58.0%	34,164	-9.5%	557,358	938,466	-40.6%
S&P 500 ANNUAL DIVIDEND IND	42,637	28,972	47.2%	74,186	-42.5%	664,323	514,439	29.1%
S&P 500/GI	0	0	0.0%	0	-	0	0	0.0%
S&P 500 QUARLY DIVIDEND IND	2,426	950	155.4%	7,256	-66.6%	33,683	16,174	108.3%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	-	0	0	0.0%
S&P BIOTECHNOLOGY SECTOR	5,807	0	-	0	-	5,807	0	-
S&P COMMUNICATION SERVICE	2,574	1,262	104.0%	1,724	49.3%	30,330	28,707	5.7%
S&P CONSUMER DISCRETIONAF	7,234	9,388	-22.9%	9,700	-25.4%	109,176	94,260	15.8%
S&P CONSUMER STAPLES SECT	22,325	27,695	-19.4%	11,304	97.5%	210,645	263,622	-20.1%
S&P ENERGY SECTOR	44,736	28,509	56.9%	44,557	0.4%	530,211	378,382	40.1%
S&P FINANCIAL SECTOR	11,876	22,806	-47.9%	12,594	-5.7%	284,745	523,567	-45.6%
S&P HEALTH CARE SECTOR	11,420	25,404	-55.0%	15,032	-24.0%	213,494	154,506	38.2%
S&P INDUSTRIAL SECTOR	11,834	16,379	-27.7%	15,154	-21.9%	223,306	197,248	13.2%
S&P MATERIALS SECTOR	9,535	9,402	1.4%	8,071	18.1%	120,857	106,361	13.6%
S&P OIL & GAS EXPLORATION A	3,134	0	-	0	-	3,134	0	-
S&P REAL ESTATE SECTOR	1,840	9,085	-79.7%	2,492	-26.2%	50,163	71,812	-30.1%
S&P REGIONAL BANKS SECTOR	287	0	-	0	-	287	0	-
S&P RETAIL SECTOR	1,787	0	-	0	-	1,787	0	-
S&P TECHNOLOGY SECTOR	12,021	7,837	53.4%	11,931	0.8%	179,526	112,912	59.0%
S&P UTILITIES SECTOR	23,016	32,608	-29.4%	20,718	11.1%	280,012	214,472	30.6%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0.0%	0	1,340	-100.0%
WATER INDEX FUTURES	25	67	-62.7%	11	127.3%	592	925	-36.0%
YEN DENOMINATED TOPIX	2,558	3,873	-34.0%	87	2,840.2%	18,196	13,710	32.7%



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<b>Equity Index Options</b>								
BITCOIN OPTIONS	3,144	1,032	204.7%	2,550	23.3%	21,205	11,087	91.3%
E-MINI NASDAQ 100	894,473	614,763	45.5%	874,696	2.3%	7,872,479	4,383,348	79.6%
E-mini Russell 2000	79,252	112,150	-29.3%	79,903	-0.8%	864,149	709,836	21.7%
E-MINI RUSSELL 2000	31,256	33,490	-6.7%	13,435	132.6%	258,755	227,863	13.6%
E-mini S&P 500	10,479,407	6,816,664	53.7%	9,544,860	9.8%	92,807,901	54,324,827	70.8%
E-MINI S&P500	11,958,722	6,083,904	96.6%	9,312,102	28.4%	87,812,638	45,899,576	91.3%
EOM S&P 500	0	3,200	-100.0%	0	0.0%	0	19,000	-100.0%
MICRO BITCOIN	13,832	0	-	14,300	-3.3%	55,161	0	-
Micro E-mini Nasdaq-100	33,182	29,009	14.4%	29,548	12.3%	355,334	206,988	71.7%
MICRO E-MINI NASDAQ 100	10,075	6,633	51.9%	5,547	81.6%	97,547	42,636	128.8%
Micro E-mini S&P 500	193,756	145,485	33.2%	176,738	9.6%	1,861,669	1,123,218	65.7%
MICRO ETHER	115,795	0	-	45,582	154.0%	218,414	0	-
S&P 500	0	144,939	-100.0%	0	0.0%	0	1,200,293	-100.0%

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<b>FX Futures</b>								
AD/CD CROSS RATES	17	20	-15.0%	21	-19.0%	459	166	176.5%
AD/JY CROSS RATES	2,795	2,044	36.7%	2,944	-5.1%	38,236	18,461	107.1%
AD/NE CROSS RATES	2,429	717	238.8%	1,944	24.9%	31,411	2,183	1,338.9%
AUSTRALIAN DOLLAR	2,014,620	1,650,293	22.1%	1,983,681	1.6%	16,355,123	16,351,938	0.0%
BP/JY CROSS RATES	2,791	2,425	15.1%	2,344	19.1%	34,880	21,630	61.3%
BP/SF CROSS RATES	1,899	1,003	89.3%	936	102.9%	17,430	7,355	137.0%
BRAZIL REAL	278,576	283,069	-1.6%	239,413	16.4%	2,605,090	2,107,293	23.6%
BRITISH POUND	2,427,068	1,589,315	52.7%	2,279,830	6.5%	18,876,081	15,443,052	22.2%
CANADIAN DOLLAR	1,777,893	1,503,347	18.3%	1,883,484	-5.6%	14,345,473	13,088,769	9.6%
CD/JY CROSS RATES	3	253	-98.8%	4	-25.0%	607	1,849	-67.2%
CHINESE RENMINBI (CNH)	24,825	15,564	59.5%	19,787	25.5%	203,875	130,123	56.7%
CZECK KORUNA (EC)	0	0	0.0%	1	-100.0%	41	8	412.5%
CZECK KORUNA (US)	62	0	0.0%	0	0.0%	80	5	1,500.0%
EC/AD CROSS RATES	4,058	2,377	70.7%	3,075	32.0%	40,666	37,596	8.2%
EC/CD CROSS RATES	4,298	2,639	62.9%	7,080	-39.3%	64,263	49,593	29.6%
EC/NOK CROSS RATES	1,595	203	685.7%	1,762	-9.5%	11,982	5,855	104.6%
EC/SEK CROSS RATES	6,531	101	6,366.3%	8,108	-19.4%	27,674	4,583	503.8%
EFX/BP CROSS RATES	62,545	29,948	108.8%	69,672	-10.2%	708,426	408,764	73.3%
EFX/JY CROSS RATES	28,404	17,081	66.3%	40,026	-29.0%	452,651	298,695	51.5%
EFX/SF CROSS RATES	22,377	15,915	40.6%	23,740	-5.7%	331,343	176,035	88.2%
E-MICRO USD/CAD	50	100	-50.0%	93	-46.2%	1,735	252	588.5%
E-MICRO USD/CHF	33	17	94.1%	42	-21.4%	644	29	2,120.7%
E-MICRO USD/JPY	2,411	9	26,688.9%	43,924	-94.5%	148,344	9	1,648,166.7%
E-MINI EURO FX	169,440	76,370	121.9%	170,072	-0.4%	1,145,385	992,307	15.4%
E-MINI JAPANESE YEN	17,648	9,115	93.6%	10,410	69.5%	83,175	71,929	15.6%
EURO FX	5,018,335	2,905,419	72.7%	4,798,383	4.6%	37,946,150	31,626,687	20.0%
HUNGARIAN FORINT (EC)	0	8	-100.0%	0	0.0%	32	18	77.8%
HUNGARIAN FORINT (US)	2	11	-81.8%	1	100.0%	38	137	-72.3%
INDIAN RUPEE	31,324	10,203	207.0%	32,669	-4.1%	186,089	111,524	66.9%
JAPANESE YEN	3,672,050	1,958,896	87.5%	3,080,937	19.2%	24,295,982	17,080,881	42.2%
KOREAN WON	262	1,228	-78.7%	288	-9.0%	4,356	15,805	-72.4%
MEXICAN PESO	1,054,825	969,842	8.8%	1,049,332	0.5%	8,989,669	8,672,618	3.7%
MICRO AUD/USD	241,468	166,180	45.3%	214,442	12.6%	2,077,650	1,685,694	23.3%
MICRO CAD/USD	49,861	60,041	-17.0%	56,198	-11.3%	458,300	437,065	4.9%
MICRO CHF/USD	17,658	7,044	150.7%	25,519	-30.8%	131,962	69,867	88.9%
MICRO EUR/USD	833,954	378,855	120.1%	922,829	-9.6%	5,975,266	3,916,474	52.6%
MICRO GBP/USD	110,406	64,643	70.8%	111,230	-0.7%	785,537	577,692	36.0%
MICRO INR/USD	433	1,130	-61.7%	513	-15.6%	5,830	14,781	-60.6%
MICRO JPY/USD	0	31,784	-100.0%	0	0.0%	101,719	260,496	-61.0%
MICRO USD/CNH	0	0	0.0%	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	676,514	613,834	10.2%	570,145	18.7%	4,879,999	4,802,479	1.6%
NKR/USD CROSS RATE	3,149	3,726	-15.5%	1,654	90.4%	25,646	45,795	-44.0%
POLISH ZLOTY (EC)	18	32	-43.8%	13	38.5%	1,018	978	4.1%
POLISH ZLOTY (US)	524	363	44.4%	1,122	-53.3%	10,840	6,744	60.7%
RMB USD	4	1	300.0%	5	-20.0%	19	3	533.3%
RUSSIAN RUBLE	78	102,943	-99.9%	108	-27.8%	587,287	792,942	-25.9%
S.AFRICAN RAND	71,834	65,938	8.9%	101,988	-29.6%	764,949	448,660	70.5%
SF/JY CROSS RATES	340	38	794.7%	843	-59.7%	6,893	431	1,499.3%
SHEKEL	10	1	900.0%	18	-44.4%	108	16	575.0%
SKR/USD CROSS RATES	4,647	6,573	-29.3%	4,053	14.7%	58,729	44,406	32.3%
SWISS FRANC	545,018	437,465	24.6%	550,054	-0.9%	4,238,774	3,824,102	10.8%
TURKISH LIRA	0	95	-100.0%	34	-100.0%	305	735	-58.5%
USDZAR	0	4	-100.0%	0	0.0%	31	64	-51.6%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	1	4	-75.0%	29	-96.6%	1,699	2,829	-39.9%

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<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	99	300	-67.0%	38	160.5%	3,190	2,929	8.9%
AUD/USD MONDAY OPTION WEE	208	249	-16.5%	8	2,500.0%	2,202	3,434	-35.9%
AUD/USD MONDAY OPTION WEE	86	586	-85.3%	488	-82.4%	2,875	3,598	-20.1%
AUD/USD MONDAY OPTION WEE	439	1,347	-67.4%	0	0.0%	1,218	1,370	-11.1%
AUD/USD MONTHLY OPTIONS	61,003	98,043	-37.8%	64,958	-6.1%	702,214	648,575	8.3%
AUD/USD WKLY FRIDAY OPTION	1,680	234	617.9%	33	4,990.9%	5,303	4,231	25.3%
AUD/USD WKLY FRIDAY OPTION	689	2,456	-71.9%	646	6.7%	12,811	13,115	-2.3%
AUD/USD WKLY FRIDAY OPTION	1,622	2,072	-21.7%	2,618	-38.0%	19,120	20,861	-8.3%
AUD/USD WKLY FRIDAY OPTION	2,181	1,965	11.0%	1,417	53.9%	14,701	22,728	-35.3%
AUD/USD WKLY FRIDAY OPTION	307	0	0.0%	1,952	-84.3%	4,828	4,857	-0.6%
AUD/USD WKLY WED OPTIONS -	131	1,360	-90.4%	35	274.3%	5,847	9,586	-39.0%
AUD/USD WKLY WED OPTIONS -	483	668	-27.7%	284	70.1%	3,995	6,060	-34.1%
AUD/USD WKLY WED OPTIONS -	55	59	-6.8%	111	-50.5%	2,042	2,736	-25.4%
AUD/USD WKLY WED OPTIONS -	347	195	77.9%	474	-26.8%	4,494	7,525	-40.3%
AUD/USD WKLY WED OPTIONS -	319	0	0.0%	0	0.0%	578	1,408	-58.9%
BRL/USD MONTHLY OPTIONS	365	332	9.9%	286	27.6%	2,737	2,590	5.7%
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	194	-100.0%	1,288	5,961	-78.4%
CAD/USD MONDAY OPTIONS WE	1,078	1,118	-3.6%	715	50.8%	9,568	10,542	-9.2%
CAD/USD MONDAY OPTIONS WE	1,683	858	96.2%	1,198	40.5%	7,700	3,896	97.6%
CAD/USD MONDAY OPTIONS WE	899	3,990	-77.5%	318	182.7%	6,202	14,203	-56.3%
CAD/USD MONDAY OPTIONS WE	279	2,535	-89.0%	0	0.0%	1,535	3,147	-51.2%
CAD/USD MONTHLY OPTIONS	85,780	119,010	-27.9%	78,856	8.8%	752,331	580,927	29.5%
CAD/USD WKLY FRIDAY OPTION	4,243	32	13,159.4%	14	30,207.1%	12,521	15,009	-16.6%
CAD/USD WKLY FRIDAY OPTION	3,508	6,549	-46.4%	1,971	78.0%	28,931	37,122	-22.1%
CAD/USD WKLY FRIDAY OPTION	5,412	8,364	-35.3%	7,617	-28.9%	47,544	55,470	-14.3%
CAD/USD WKLY FRIDAY OPTION	2,489	12,498	-80.1%	2,207	12.8%	38,065	62,186	-38.8%
CAD/USD WKLY FRIDAY OPTION	2	0	0.0%	5,541	-100.0%	10,147	15,578	-34.9%
CAD/USD WKLY WED OPTIONS -	1,795	3,540	-49.3%	370	385.1%	8,025	12,867	-37.6%
CAD/USD WKLY WED OPTIONS -	2,230	3,511	-36.5%	1,990	12.1%	10,817	15,571	-30.5%
CAD/USD WKLY WED OPTIONS -	1,608	1,463	9.9%	887	81.3%	11,755	13,279	-11.5%
CAD/USD WKLY WED OPTIONS -	407	1,179	-65.5%	1,191	-65.8%	13,569	12,542	8.2%
CAD/USD WKLY WED OPTIONS -	362	0	0.0%	0	0.0%	4,474	3,241	38.0%
CHF/USD MONTHLY OPTIONS	2,796	4,835	-42.2%	4,228	-33.9%	40,345	37,633	7.2%
CHF/USD WKLY FRIDAY OPTION	414	83	398.8%	2	20,600.0%	989	301	228.6%
CHF/USD WKLY FRIDAY OPTION	28	418	-93.3%	1	2,700.0%	863	2,193	-60.6%
CHF/USD WKLY FRIDAY OPTION	104	130	-20.0%	393	-73.5%	963	1,543	-37.6%
CHF/USD WKLY FRIDAY OPTION	29	36	-19.4%	47	-38.3%	1,026	2,330	-56.0%
CHF/USD WKLY FRIDAY OPTION	1	0	0.0%	68	-98.5%	83	238	-65.1%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	0.0%	3,704	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION WEE	615	86	615.1%	1,184	-48.1%	12,053	16,935	-28.8%
EUR/USD MONDAY OPTION WEE	1,649	1,385	19.1%	855	92.9%	21,213	13,014	63.0%
EUR/USD MONDAY OPTION WEE	124	3,518	-96.5%	1,634	-92.4%	7,536	11,718	-35.7%
EUR/USD MONDAY OPTION WEE	468	1,682	-72.2%	1,417	-67.0%	23,894	20,819	14.8%
EUR/USD MONDAY OPTION WEE	1,400	4,358	-67.9%	0	0.0%	4,256	5,945	-28.4%
EUR/USD MONTHLY OPTIONS	207,930	183,037	13.6%	304,370	-31.7%	1,990,892	1,663,859	19.7%
EUR/USD WKLY FRIDAY OPTION	11,171	153	7,201.3%	321	3,380.1%	50,532	31,687	59.5%
EUR/USD WKLY FRIDAY OPTION	9,060	15,396	-41.2%	4,620	96.1%	118,635	109,994	7.9%
EUR/USD WKLY FRIDAY OPTION	17,911	18,459	-3.0%	13,419	33.5%	133,007	159,013	-16.4%
EUR/USD WKLY FRIDAY OPTION	16,583	16,613	-0.2%	15,679	5.8%	158,766	144,910	9.6%
EUR/USD WKLY FRIDAY OPTION	27	0	0.0%	22,562	-99.9%	43,623	58,205	-25.1%
EUR/USD WKLY WED OPTIONS -	4,141	6,390	-35.2%	6,755	-38.7%	46,939	54,450	-13.8%
EUR/USD WKLY WED OPTIONS -	5,383	6,060	-11.2%	7,579	-29.0%	41,645	60,791	-31.5%
EUR/USD WKLY WED OPTIONS -	4,736	7,006	-32.4%	4,632	2.2%	42,981	59,986	-28.3%
EUR/USD WKLY WED OPTIONS -	7,079	8,103	-12.6%	7,215	-1.9%	51,337	73,064	-29.7%
EUR/USD WKLY WED OPTIONS -	8,149	0	0.0%	0	0.0%	21,447	12,636	69.7%
GBP/USD MONDAY OPTION WEE	1	0	0.0%	1,141	-99.9%	4,137	3,127	32.3%

## CME Exchange Volume Report - Monthly

	VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOIUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>FX Options</b>								
GBP/USD MONDAY OPTION WEE	1,538	587	162.0%	620	148.1%	8,861	6,269	41.3%
GBP/USD MONDAY OPTION WEE	89	180	-50.6%	82	8.5%	2,171	1,887	15.1%
GBP/USD MONDAY OPTION WEE	139	1,483	-90.6%	848	-83.6%	4,020	4,758	-15.5%
GBP/USD MONDAY OPTION WEE	1,119	254	340.6%	0	0.0%	1,480	2,454	-39.7%
GBP/USD MONTHLY OPTIONS	82,291	57,377	43.4%	79,390	3.7%	616,928	585,686	5.3%
GBP/USD WKLY FRIDAY OPTION	3,495	70	4,892.9%	15	23,200.0%	8,927	8,176	9.2%
GBP/USD WKLY FRIDAY OPTION	3,353	3,759	-10.8%	2,055	63.2%	20,204	20,405	-1.0%
GBP/USD WKLY FRIDAY OPTION	2,710	2,241	20.9%	2,615	3.6%	27,250	24,916	9.4%
GBP/USD WKLY FRIDAY OPTION	2,523	1,459	72.9%	1,279	97.3%	21,694	28,481	-23.8%
GBP/USD WKLY FRIDAY OPTION	726	0	0.0%	1,458	-50.2%	8,200	8,212	-0.1%
GBP/USD WKLY WED OPTIONS -	419	651	-35.6%	1,389	-69.8%	9,625	9,888	-2.7%
GBP/USD WKLY WED OPTIONS -	401	108	271.3%	483	-17.0%	3,911	5,670	-31.0%
GBP/USD WKLY WED OPTIONS -	98	809	-87.9%	244	-59.8%	7,791	5,597	39.2%
GBP/USD WKLY WED OPTIONS -	959	522	83.7%	1,881	-49.0%	9,650	8,836	9.2%
GBP/USD WKLY WED OPTIONS -	189	0	0.0%	0	0.0%	670	1,901	-64.8%
JPY/USD MONDAY OPTION WEE	4	0	0.0%	767	-99.5%	2,901	3,096	-6.3%
JPY/USD MONDAY OPTION WEE	1,296	1,376	-5.8%	688	88.4%	7,776	4,290	81.3%
JPY/USD MONDAY OPTION WEE	776	879	-11.7%	352	120.5%	2,776	3,481	-20.3%
JPY/USD MONDAY OPTION WEE	853	369	131.2%	1,005	-15.1%	7,994	1,912	318.1%
JPY/USD MONDAY OPTION WEE	196	2,384	-91.8%	0	0.0%	247	2,697	-90.8%
JPY/USD MONTHLY OPTIONS	96,130	77,249	24.4%	144,964	-33.7%	1,221,904	676,985	80.5%
JPY/USD WKLY FRIDAY OPTION	7,380	10	73,700.0%	16	46,025.0%	32,346	21,527	50.3%
JPY/USD WKLY FRIDAY OPTION	8,414	8,257	1.9%	3,119	169.8%	67,287	44,603	50.9%
JPY/USD WKLY FRIDAY OPTION	8,935	7,399	20.8%	11,416	-21.7%	92,652	76,209	21.6%
JPY/USD WKLY FRIDAY OPTION	9,680	12,454	-22.3%	13,394	-27.7%	87,572	70,584	24.1%
JPY/USD WKLY FRIDAY OPTION	123	0	0.0%	12,491	-99.0%	29,318	25,004	17.3%
JPY/USD WKLY WED OPTIONS -	2,044	2,709	-24.5%	4,094	-50.1%	25,617	20,009	28.0%
JPY/USD WKLY WED OPTIONS -	3,040	3,186	-4.6%	4,191	-27.5%	24,953	27,792	-10.2%
JPY/USD WKLY WED OPTIONS -	4,414	3,002	47.0%	3,766	17.2%	23,068	28,413	-18.8%
JPY/USD WKLY WED OPTIONS -	2,528	3,336	-24.2%	7,037	-64.1%	31,657	22,875	38.4%
JPY/USD WKLY WED OPTIONS -	4,450	0	0.0%	0	0.0%	12,005	7,541	59.2%
MXN/USD MONTHLY OPTIONS	6,767	923	633.2%	89	7,503.4%	14,192	7,931	78.9%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	17	604	-97.2%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	552	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	331	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD MONTHLY OPTIONS	163	42	288.1%	3	5,333.3%	7,319	1,479	394.9%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD WKLY FRIDAY OPTION	0	12	-100.0%	0	0.0%	0	12	-100.0%
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	68	-100.0%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	0	0	-	0	0.0%	24	0	-
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS -	129	277	-53.4%	47	174.5%	3,074	4,311	-28.7%

## CME Exchange Volume Report - Monthly

	VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOIUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	248	753	-67.1%	432	-42.6%	2,884	7,030	-59.0%
BUTTER CS	3,972	3,472	14.4%	4,028	-1.4%	35,672	34,099	4.6%
CASH-SETTLED CHEESE	8,843	11,100	-20.3%	10,547	-16.2%	81,287	96,235	-15.5%
CAT ASIA WEATHER	0	0	0.0%	0	0.0%	0	1,200	-100.0%
CATTLE	1,035,091	1,115,845	-7.2%	1,146,384	-9.7%	9,660,605	9,458,084	2.1%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0.0%	0	500	-100.0%
CDD SEASONAL STRIP	100	0	0.0%	0	0.0%	7,400	6,275	17.9%
CDD WEATHER	0	850	-100.0%	1,500	-100.0%	23,650	9,225	156.4%
CLASS IV MILK	2,473	1,688	46.5%	4,335	-43.0%	22,372	7,621	193.6%
DRY WHEY	745	933	-20.2%	865	-13.9%	8,358	17,368	-51.9%
FEEDER CATTLE	318,597	314,469	1.3%	296,538	7.4%	2,179,677	1,999,543	9.0%
GOLDMAN SACHS	4,764	4,116	15.7%	3,955	20.5%	31,914	80,235	-60.2%
GSCI EXCESS RETURN FUT	4,554	1,617	181.6%	10,723	-57.5%	302,265	261,778	15.5%
HDD EURO SEASONAL STRIP	875	0	0.0%	1,250	-30.0%	2,125	0	0.0%
HDD SEASONAL STRIP	1,000	0	-	0	0.0%	1,000	0	-
HDD WEATHER	1,000	150	566.7%	0	0.0%	9,000	11,500	-21.7%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	3,875	4,600	-15.8%
HOGS	877,324	786,120	11.6%	971,589	-9.7%	7,707,800	7,841,748	-1.7%
HOUSING INDEX	16	20	-20.0%	7	128.6%	134	96	39.6%
LUMBER	11,962	8,470	41.2%	6,395	87.1%	67,342	84,777	-20.6%
MALYSIAN PALM SWAP	0	2,300	-100.0%	0	0.0%	0	79,656	-100.0%
MILK	27,902	25,672	8.7%	28,648	-2.6%	239,366	192,737	24.2%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	5,170	4,405	17.4%	5,012	3.2%	48,117	45,154	6.6%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	1,343	975	37.7%	1,761	-23.7%	18,559	21,788	-14.8%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	4,004	-100.0%
USD CRUDE PALM OIL	21,982	4,317	409.2%	22,337	-1.6%	181,797	39,558	359.6%
<b>Ag Products Options</b>								
BLOCK CHEESE	32	237	-86.5%	86	-62.8%	2,489	2,547	-2.3%
BUTTER CS	2,119	423	400.9%	1,443	46.8%	12,752	16,577	-23.1%
CASH-SETTLED CHEESE	8,189	3,831	113.8%	6,820	20.1%	61,382	58,136	5.6%
CATTLE	236,745	188,236	25.8%	166,474	42.2%	1,720,486	1,501,279	14.6%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	20,500	8,450	142.6%
CDD WEATHER	0	1,000	-100.0%	0	0.0%	1,100	6,250	-82.4%
CLASS IV MILK	10,787	3,094	248.6%	6,211	73.7%	55,578	25,885	114.7%
DRY WHEY	184	69	166.7%	392	-53.1%	3,229	1,654	95.2%
FEEDER CATTLE	42,199	21,039	100.6%	37,123	13.7%	286,522	170,543	68.0%
HDD EURO SEASONAL STRIP	1,750	500	250.0%	2,500	-30.0%	4,250	500	750.0%
HDD SEASONAL STRIP	1,000	6,000	-83.3%	0	0.0%	1,000	11,000	-90.9%
HDD WEATHER	7,500	0	0.0%	0	0.0%	12,300	6,250	96.8%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	1,000	1,250	-20.0%
HOGS	244,760	194,061	26.1%	213,890	14.4%	1,843,976	1,624,362	13.5%
HOUSING INDEX	0	0	0.0%	0	-	0	0	0.0%
LUMBER	373	430	-13.3%	291	28.2%	3,527	6,210	-43.2%
LV CATL CSO	0	0	0.0%	0	-	0	0	0.0%
MILK	32,634	20,858	56.5%	39,539	-17.5%	185,832	206,016	-9.8%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	45	11	309.1%
NFD MILK	4,671	1,839	154.0%	3,618	29.1%	35,330	35,139	0.5%
PORK CUTOUT	0	1	-100.0%	0	0.0%	35	739	-95.3%

**CME Exchange Volume Report - Monthly**

	VOLUME AUG 2022	VOLUME AUG 2021	% CHG	VOIUME JUL 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	71,940,169	43,661,201	64.8%	61,275,834	17.4%	579,837,531	415,067,778	39.7%
Equity Index Futures	115,825,436	73,166,883	58.3%	106,587,605	8.7%	992,855,301	717,486,963	38.4%
FX Futures	19,185,082	12,988,222	47.7%	18,314,771	4.8%	147,058,254	123,655,609	18.9%
Foreign Exchange Futures	0	0	-	0	0.0%	24	0	-
Ag Products Futures	2,327,961	2,287,272	1.8%	2,516,306	-7.5%	20,635,199	20,304,811	1.6%
<b>TOTAL FUTURES</b>	<b>209,278,648</b>	<b>132,103,578</b>	<b>58.4%</b>	<b>188,694,516</b>	<b>10.9%</b>	<b>1,740,386,309</b>	<b>1,276,515,161</b>	<b>36.3%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	23,812,894	13,991,269	70.2%	20,099,261	18.5%	192,225,252	108,148,672	77.7%
Interest Rate Options	21,836,573	17,907,021	21.9%	17,134,196	27.4%	200,371,846	167,562,905	19.6%
FX Options	738,831	745,352	-0.9%	874,319	-15.5%	7,018,175	5,935,495	18.2%
Ag Products Options	592,943	441,618	34.3%	478,387	23.9%	4,251,333	3,682,798	15.4%
Foreign Exchange Options	129	277	-53.4%	47	174.5%	3,074	4,311	-28.7%
<b>TOTAL OPTIONS</b>	<b>46,981,370</b>	<b>33,085,537</b>	<b>42.0%</b>	<b>38,586,210</b>	<b>21.8%</b>	<b>403,869,680</b>	<b>285,334,181</b>	<b>41.5%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	93,776,742	61,568,222	52.3%	78,410,030	19.6%	780,209,377	582,630,683	33.9%
Equity Index	139,638,330	87,158,152	60.2%	126,686,866	10.2%	1,185,080,553	825,635,635	43.5%
FX	19,923,913	13,733,574	45.1%	19,189,090	3.8%	154,076,429	129,591,104	18.9%
Foreign Exchange	129	277	-53.4%	47	174.5%	3,098	4,311	-28.1%
Ag Products	2,920,904	2,728,890	7.0%	2,994,693	-2.5%	24,886,532	23,987,609	3.7%
<b>GRAND TOTAL</b>	<b>256,260,018</b>	<b>165,189,115</b>	<b>55.1%</b>	<b>227,280,726</b>	<b>12.8%</b>	<b>2,144,255,989</b>	<b>1,561,849,342</b>	<b>37.3%</b>