



## CME Exchange Volume Report - Monthly

	VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOIUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Interest Rate Futures</b>								
13-Week U.S. T-Bill Futures	18,660	0	-	0	-	18,660	0	-
1-MONTH EURODOLLAR	0	2,048	-100.0%	0	0.0%	1,006	73,835	-98.6%
BSBY 3-MONTH FUTURES	333	25,925	-98.7%	441	-24.5%	32,137	540,148	-94.1%
ESTR Basis Spread Futures	1,159	41	2,726.8%	1,816	-36.2%	13,767	41	33,478.0%
ESTR Futures	259,960	11	2,363,172.7%	200,796	29.5%	1,056,833	11	9,607,472.7%
EURODOLLARS	0	17,793,183	-100.0%	0	0.0%	28,319,809	368,760,669	-92.3%
FTIIE	0	35	-100.0%	32	-100.0%	1,774	1,016	74.6%
SOFR	70,097,153	41,596,810	68.5%	63,691,581	10.1%	695,243,529	352,215,273	97.4%
SONIA	108	0	0.0%	48	125.0%	1,507	1,293	16.6%
<b>Interest Rate Options</b>								
EURODOLLARS	0	11,315,570	-100.0%	0	0.0%	9,567,416	125,690,180	-92.4%
EURO MIDCURVE	0	1,100,836	-100.0%	0	0.0%	597,753	64,657,098	-99.1%
SOFR	24,130,876	15,443,918	56.2%	18,191,685	32.6%	289,835,061	57,054,708	408.0%
SOFR MIDCURVE	7,401,498	3,460,712	113.9%	6,683,918	10.7%	66,625,659	15,535,432	328.9%
SOFR MISCURVE	0	0	-	0	0.0%	700	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.

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<b>Equity Index Futures</b>								
BITCOIN	286,539	279,413	2.6%	192,620	48.8%	2,278,533	2,244,817	1.5%
E-mini FTSE China 50	0	116	-100.0%	0	0.0%	44	7,122	-99.4%
E-MINI MIDCAP	280,808	293,057	-4.2%	331,142	-15.2%	2,785,163	3,367,767	-17.3%
E-MINI NASDAQ 100	16,893,734	16,051,781	5.2%	14,008,746	20.6%	141,607,072	149,722,178	-5.4%
E-MINI RUSSELL 1000	4,759	10,227	-53.5%	19,504	-75.6%	88,649	132,156	-32.9%
E-MINI RUSSELL 1000 GROWTH	2,853	7,858	-63.7%	12,694	-77.5%	55,259	87,784	-37.1%
E-MINI RUSSELL 1000 VALUE	9,303	3,911	137.9%	42,501	-78.1%	174,196	233,021	-25.2%
E-MINI RUSSELL 2000	5,195,664	5,231,508	-0.7%	5,064,499	2.6%	46,539,942	51,480,839	-9.6%
E-MINI S&P500	43,988,662	48,151,616	-8.6%	39,324,995	11.9%	382,486,020	425,367,915	-10.1%
E-MINI S&P500 ESG	16,899	28,360	-40.4%	57,612	-70.7%	248,630	320,012	-22.3%
ETHER	0	0	0.0%	0	0.0%	0	12	-100.0%
ETHER FUTURES	120,837	132,139	-8.6%	78,571	53.8%	1,016,571	1,325,240	-23.3%
FT-SE 100	90	145	-37.9%	107	-15.9%	841	1,524	-44.8%
FTSE Emerging	0	0	0.0%	0	-	0	0	0.0%
IBOVESPA INDEX	29	52	-44.2%	9	222.2%	327	581	-43.7%
MICRO BITCOIN	253,607	218,951	15.8%	117,844	115.2%	2,029,369	3,221,664	-37.0%
MICRO E-MINI NASDAQ 100	31,254,193	31,704,461	-1.4%	23,844,479	31.1%	232,872,867	315,858,218	-26.3%
MICRO E-MINI RUSSELL 2000	1,724,173	2,931,274	-41.2%	1,153,149	49.5%	16,032,820	28,854,544	-44.4%
MICRO E-MINI S&P500	25,500,127	33,300,874	-23.4%	18,645,561	36.8%	217,747,972	290,713,102	-25.1%
MICRO ETHER	228,921	329,615	-30.5%	83,356	174.6%	1,783,990	4,251,026	-58.0%
NASDAQ-100 VOLATILITY	0	70	-100.0%	0	0.0%	3,203	18,519	-82.7%
NASDAQ BIOTECH SECTOR	5	202	-97.5%	32	-84.4%	1,481	2,160	-31.4%
Nearby BTIC+	0	750	-100.0%	0	0.0%	0	7,538	-100.0%
NIKKEI 225 (\$) STOCK	185,314	100,894	83.7%	164,463	12.7%	1,426,673	1,173,809	21.5%
NIKKEI 225 (YEN) STOCK	850,485	759,153	12.0%	674,144	26.2%	6,497,870	7,939,249	-18.2%
PHLX SEMICONDUCTOR SECTO	647	829	-22.0%	4,332	-85.1%	8,291	1,697	388.6%
S&P 500	87,556	40,753	114.8%	113,872	-23.1%	1,005,834	759,454	32.4%
S&P 500 ANNUAL DIVIDEND IND	64,835	92,242	-29.7%	111,529	-41.9%	768,937	836,444	-8.1%
S&P 500 QUARLY DIVIDEND IND	7,007	4,439	57.9%	15,341	-54.3%	141,765	43,224	228.0%
S&P 600 SMALLCAP EMINI	368	0	-	1,317	-72.1%	2,355	0	-
S&P BIOTECHNOLOGY SECTOR	718	1,047	-31.4%	1,182	-39.3%	10,290	8,254	24.7%
S&P COMMUNICATION SERVICE	5,030	3,172	58.6%	14,961	-66.4%	63,651	41,837	52.1%
S&P CONSUMER DISCRETIONAF	9,009	8,433	6.8%	20,095	-55.2%	111,896	137,110	-18.4%
S&P CONSUMER STAPLES SECT	27,558	19,906	38.4%	70,083	-60.7%	348,561	288,130	21.0%
S&P ENERGY SECTOR	26,179	42,286	-38.1%	85,086	-69.2%	466,337	691,069	-32.5%
S&P FINANCIAL SECTOR	15,735	19,742	-20.3%	84,994	-81.5%	465,435	371,871	25.2%
S&P HEALTH CARE SECTOR	10,276	11,009	-6.7%	36,292	-71.7%	228,936	271,704	-15.7%
S&P INDUSTRIAL SECTOR	14,811	19,411	-23.7%	32,158	-53.9%	216,440	292,822	-26.1%
S&P MATERIALS SECTOR	19,082	9,293	105.3%	21,160	-9.8%	171,034	154,440	10.7%
S&P OIL & GAS EXPLORATION A	183	494	-63.0%	1,104	-83.4%	3,131	4,319	-27.5%
S&P REAL ESTATE SECTOR	3,639	4,150	-12.3%	23,624	-84.6%	108,103	68,297	58.3%
S&P REGIONAL BANKS SECTOR	679	589	15.3%	4,263	-84.1%	15,698	2,196	614.8%
S&P RETAIL SECTOR	279	180	55.0%	430	-35.1%	5,635	2,839	98.5%
S&P TECHNOLOGY SECTOR	12,798	29,464	-56.6%	40,147	-68.1%	189,874	270,240	-29.7%
S&P UTILITIES SECTOR	53,112	20,497	159.1%	111,100	-52.2%	516,784	363,114	42.3%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	-	0	0	0.0%
TOPIX (USD)	60	0	-	50	20.0%	826	0	-
TOPIX (YEN)	661	39	1,594.9%	235	181.3%	2,899	19,805	-85.4%
WATER INDEX FUTURES	21	0	0.0%	0	0.0%	149	592	-74.8%

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<b>Equity Index Options</b>								
BITCOIN OPTIONS	10,421	4,843	115.2%	5,285	97.2%	69,637	28,634	143.2%
E-MINI NASDAQ 100	1,707,446	1,061,260	60.9%	1,497,566	14.0%	13,978,081	10,087,697	38.6%
E-MINI RUSSELL 2000	159,519	125,909	26.7%	93,836	70.0%	1,404,117	1,358,123	3.4%
E-MINI S&P500	40,117,229	29,314,790	36.8%	30,522,608	31.4%	274,907,920	239,215,987	14.9%
EOM S&P 500	0	0	0.0%	0	-	0	0	0.0%
ETHER OPTIONS	6,121	466	1,213.5%	3,100	97.5%	24,175	569	4,148.7%
EVENT CONTRACT S&P 500	11,674	0	-	11,617	0.5%	65,815	0	-
MICRO BITCOIN	17,228	7,057	144.1%	9,664	78.3%	122,421	74,037	65.4%
MICRO E-MINI NASDAQ 100	70,643	47,091	50.0%	51,731	36.6%	574,085	545,862	5.2%
Micro E-mini S&P 500	399,532	221,386	80.5%	281,117	42.1%	2,523,379	2,335,297	8.1%
MICRO ETHER	43,416	39,574	9.7%	17,176	152.8%	205,187	317,189	-35.3%
S&P 500	0	0	0.0%	0	-	0	0	0.0%
<b>FX Futures</b>								
AD/CD CROSS RATES	0	53	-100.0%	3	-100.0%	170	626	-72.8%
AD/JY CROSS RATES	1,747	3,643	-52.0%	2,382	-26.7%	16,922	47,459	-64.3%
AD/NE CROSS RATES	6,732	12,241	-45.0%	11,542	-41.7%	45,310	61,133	-25.9%
AUSTRALIAN DOLLAR	2,381,448	2,183,312	9.1%	2,806,173	-15.1%	20,862,302	21,315,587	-2.1%
BP/JY CROSS RATES	2,508	5,266	-52.4%	5,712	-56.1%	34,570	53,526	-35.4%
BP/SF CROSS RATES	4,623	3,161	46.3%	5,024	-8.0%	37,305	30,837	21.0%
BRAZIL REAL	395,014	315,624	25.2%	344,387	14.7%	3,003,499	3,215,599	-6.6%
BRITISH POUND	2,175,296	3,109,061	-30.0%	2,763,539	-21.3%	22,261,885	26,436,004	-15.8%
CANADIAN DOLLAR	1,942,503	2,044,419	-5.0%	2,321,954	-16.3%	17,659,331	19,076,715	-7.4%
CD/JY CROSS RATES	45	71	-36.6%	192	-76.6%	634	693	-8.5%
CHILEAN PESO	0	0	0.0%	0	0.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	51,417	45,898	12.0%	41,908	22.7%	313,835	299,033	4.9%
CZECK KORUNA (EC)	0	0	0.0%	1	-100.0%	6	41	-85.4%
CZECK KORUNA (US)	35	175	-80.0%	2	1,650.0%	276	497	-44.5%
EC/AD CROSS RATES	2,939	3,708	-20.7%	20,925	-86.0%	60,501	58,730	3.0%
EC/CD CROSS RATES	1,960	4,679	-58.1%	15,582	-87.4%	61,934	84,918	-27.1%
EC/NOK CROSS RATES	1,812	421	330.4%	1,386	30.7%	23,990	23,624	1.5%
EC/SEK CROSS RATES	6,790	871	679.6%	13,014	-47.8%	54,982	33,564	63.8%
EFX/BP CROSS RATES	88,722	80,551	10.1%	159,095	-44.2%	728,484	983,478	-25.9%
EFX/JY CROSS RATES	47,117	30,554	54.2%	112,804	-58.2%	539,362	584,765	-7.8%
EFX/SF CROSS RATES	23,990	29,027	-17.4%	53,582	-55.2%	256,548	425,002	-39.6%
E-MICRO USD/CAD	16	20	-20.0%	95	-83.2%	1,085	1,838	-41.0%
E-MICRO USD/CHF	70	32	118.8%	117	-40.2%	1,389	739	88.0%
E-MICRO USD/JPY	756	837	-9.7%	4,873	-84.5%	34,585	151,161	-77.1%
E-MINI EURO FX	100,319	161,440	-37.9%	111,565	-10.1%	1,193,278	1,521,352	-21.6%
E-MINI JAPANESE YEN	11,427	16,060	-28.8%	10,249	11.5%	121,181	121,696	-0.4%
EURO FX	4,663,605	4,652,761	0.2%	6,081,239	-23.3%	48,078,508	50,710,260	-5.2%
HUNGARIAN FORINT (EC)	4	1	300.0%	15	-73.3%	41	33	24.2%
HUNGARIAN FORINT (US)	0	0	0.0%	1	-100.0%	86	42	104.8%
INDIAN RUPEE	13,294	39,486	-66.3%	19,156	-30.6%	255,341	270,075	-5.5%
JAPANESE YEN	3,676,685	3,665,644	0.3%	3,881,419	-5.3%	36,052,091	32,988,057	9.3%
KOREAN WON	324	492	-34.1%	857	-62.2%	8,799	5,174	70.1%
MEXICAN PESO	1,777,568	1,376,493	29.1%	1,994,204	-10.9%	13,569,657	12,312,610	10.2%
MICRO AUD/USD	319,612	289,867	10.3%	250,855	27.4%	2,758,686	2,644,276	4.3%
MICRO CAD/USD	51,643	85,931	-39.9%	43,112	19.8%	517,834	613,635	-15.6%

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<b>FX Futures</b>								
MICRO CHF/USD	14,895	16,673	-10.7%	16,579	-10.2%	155,909	174,102	-10.4%
MICRO EUR/USD	569,347	923,965	-38.4%	522,155	9.0%	6,122,820	7,922,863	-22.7%
MICRO GBP/USD	69,986	234,107	-70.1%	62,423	12.1%	687,342	1,252,857	-45.1%
MICRO INR/USD	270	621	-56.5%	244	10.7%	4,092	7,043	-41.9%
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	715,754	745,879	-4.0%	844,584	-15.3%	6,652,390	6,598,837	0.8%
NKR/USD CROSS RATE	2,059	3,420	-39.8%	5,788	-64.4%	45,734	36,365	25.8%
POLISH ZLOTY (EC)	12	2	500.0%	167	-92.8%	735	1,223	-39.9%
POLISH ZLOTY (US)	1,223	1,811	-32.5%	2,591	-52.8%	13,465	15,580	-13.6%
RMB USD	0	0	0.0%	0	0.0%	5	29	-82.8%
RUSSIAN RUBLE	0	0	0.0%	0	0.0%	0	587,309	-100.0%
S.AFRICAN RAND	86,593	80,785	7.2%	91,335	-5.2%	885,140	958,783	-7.7%
SF/JY CROSS RATES	700	447	56.6%	2,734	-74.4%	10,541	10,774	-2.2%
SHEKEL	140	1	13,900.0%	439	-68.1%	1,343	154	772.1%
SKR/USD CROSS RATES	4,248	4,926	-13.8%	7,398	-42.6%	55,852	76,485	-27.0%
SWISS FRANC	498,419	458,555	8.7%	571,171	-12.7%	4,587,292	5,481,150	-16.3%
TURKISH LIRA	0	24	-100.0%	56	-100.0%	409	461	-11.3%
USDZAR	85	0	0.0%	10	750.0%	200	31	545.2%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	96	5	1,820.0%	191	-49.7%	1,875	1,759	6.6%
AUD/USD MONDAY OPTION WEE	216	18	1,100.0%	187	15.5%	3,886	3,261	19.2%
AUD/USD MONDAY OPTION WEE	51	134	-61.9%	143	-64.3%	2,039	2,420	-15.7%
AUD/USD MONDAY OPTION WEE	502	91	451.6%	135	271.9%	3,176	3,234	-1.8%
AUD/USD MONDAY OPTION WEE	240	145	65.5%	0	0.0%	730	1,363	-46.4%
AUD/USD MONTHLY OPTIONS	57,765	52,855	9.3%	75,401	-23.4%	644,068	835,181	-22.9%
AUD/USD THURSDAY WKLY OPT	33	0	-	41	-19.5%	1,098	0	-
AUD/USD THURSDAY WKLY OPT	78	0	-	50	56.0%	870	0	-
AUD/USD THURSDAY WKLY OPT	46	0	-	16	187.5%	1,268	0	-
AUD/USD THURSDAY WKLY OPT	50	0	-	71	-29.6%	1,617	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	0	0.0%	498	0	-
AUD/USD TUESDAY WKLY OPT	81	0	-	253	-68.0%	1,872	0	-
AUD/USD TUESDAY WKLY OPT	48	0	-	40	20.0%	1,850	0	-
AUD/USD TUESDAY WKLY OPT	85	0	-	39	117.9%	1,289	0	-
AUD/USD TUESDAY WKLY OPT	61	0	-	298	-79.5%	1,291	0	-
AUD/USD TUESDAY WKLY OPT	201	0	-	0	0.0%	483	0	-
AUD/USD WKLY FRIDAY OPTION	27	0	0.0%	37	-27.0%	4,616	5,480	-15.8%
AUD/USD WKLY FRIDAY OPTION	1,096	2,122	-48.4%	804	36.3%	14,195	15,906	-10.8%
AUD/USD WKLY FRIDAY OPTION	1,221	1,072	13.9%	1,276	-4.3%	17,243	21,536	-19.9%
AUD/USD WKLY FRIDAY OPTION	1,198	2,541	-52.9%	1,169	2.5%	17,509	18,316	-4.4%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	889	-100.0%	4,154	5,800	-28.4%
AUD/USD WKLY WED OPTIONS -	66	432	-84.7%	649	-89.8%	4,402	6,361	-30.8%
AUD/USD WKLY WED OPTIONS -	336	477	-29.6%	357	-5.9%	2,878	4,671	-38.4%
AUD/USD WKLY WED OPTIONS -	214	186	15.1%	282	-24.1%	3,078	5,504	-44.1%
AUD/USD WKLY WED OPTIONS -	126	127	-0.8%	122	3.3%	2,665	4,735	-43.7%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	1,279	578	121.3%
AUD/USD WKLY WED OPTIONS -	0	22	-100.0%	0	0.0%	345	3,043	-88.7%
BRL/USD MONTHLY OPTIONS	58	685	-91.5%	654	-91.1%	7,064	2,518	180.5%
CAD/USD MONDAY OPTIONS WE	344	216	59.3%	138	149.3%	9,538	10,712	-11.0%

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<b>FX Options</b>								
CAD/USD MONDAY OPTIONS WE	688	424	62.3%	392	75.5%	7,163	10,046	-28.7%
CAD/USD MONDAY OPTIONS WE	1,902	11	17,190.9%	2,473	-23.1%	10,029	7,017	42.9%
CAD/USD MONDAY OPTIONS WE	96	1,240	-92.3%	0	0.0%	434	2,775	-84.4%
CAD/USD MONTHLY OPTIONS	49,680	73,022	-32.0%	35,177	41.2%	520,175	912,191	-43.0%
CAD/USD THURSDAY WKLY OPT	1,513	0	-	212	613.7%	4,001	0	-
CAD/USD THURSDAY WKLY OPT	190	0	-	561	-66.1%	3,054	0	-
CAD/USD THURSDAY WKLY OPT	1,398	0	-	247	466.0%	4,250	0	-
CAD/USD THURSDAY WKLY OPT	103	0	-	937	-89.0%	4,954	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	0	0.0%	2,323	0	-
CAD/USD TUESDAY WKLY OPT	1,592	0	-	59	2,598.3%	4,680	0	-
CAD/USD TUESDAY WKLY OPT	2,211	0	-	583	279.2%	7,776	0	-
CAD/USD TUESDAY WKLY OPT	2,294	0	-	500	358.8%	5,558	0	-
CAD/USD TUESDAY WKLY OPT	1,055	0	-	1,680	-37.2%	4,041	0	-
CAD/USD TUESDAY WKLY OPT	323	0	-	0	0.0%	1,240	0	-
CAD/USD WKLY FRIDAY OPTION	174	0	0.0%	209	-16.7%	11,832	13,523	-12.5%
CAD/USD WKLY FRIDAY OPTION	3,338	4,220	-20.9%	1,647	102.7%	22,195	34,686	-36.0%
CAD/USD WKLY FRIDAY OPTION	3,776	2,991	26.2%	3,351	12.7%	26,706	55,299	-51.7%
CAD/USD WKLY FRIDAY OPTION	2,370	3,664	-35.3%	4,477	-47.1%	31,756	49,437	-35.8%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	3,191	-100.0%	11,527	12,898	-10.6%
CAD/USD WKLY WED OPTIONS -	2,454	992	147.4%	720	240.8%	13,896	10,164	36.7%
CAD/USD WKLY WED OPTIONS -	811	804	0.9%	910	-10.9%	10,568	12,025	-12.1%
CAD/USD WKLY WED OPTIONS -	980	1,062	-7.7%	2,959	-66.9%	10,377	14,567	-28.8%
CAD/USD WKLY WED OPTIONS -	2,347	1,681	39.6%	1,727	35.9%	12,941	15,814	-18.2%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	3,566	4,474	-20.3%
CHF/USD MONTHLY OPTIONS	6,321	3,267	93.5%	4,668	35.4%	75,717	57,449	31.8%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	56	-100.0%	2,103	989	112.6%
CHF/USD WKLY FRIDAY OPTION	116	30	286.7%	61	90.2%	5,658	901	528.0%
CHF/USD WKLY FRIDAY OPTION	794	46	1,626.1%	236	236.4%	7,713	1,047	636.7%
CHF/USD WKLY FRIDAY OPTION	262	30	773.3%	465	-43.7%	16,023	1,237	1,195.3%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	473	-100.0%	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	478	2,851	-83.2%	1,480	-67.7%	15,492	19,254	-19.5%
EUR/USD MONDAY OPTION WEE	3,153	2,552	23.6%	1,672	88.6%	18,550	27,037	-31.4%
EUR/USD MONDAY OPTION WEE	3,034	763	297.6%	1,825	66.2%	15,789	10,423	51.5%
EUR/USD MONDAY OPTION WEE	2,564	1,471	74.3%	597	329.5%	17,683	30,308	-41.7%
EUR/USD MONDAY OPTION WEE	1,177	766	53.7%	0	0.0%	3,238	5,022	-35.5%
EUR/USD MONTHLY OPTIONS	272,987	337,205	-19.0%	338,974	-19.5%	2,779,185	2,760,020	0.7%
EUR/USD THURSDAY WKLY OPT	806	0	-	544	48.2%	7,730	0	-
EUR/USD THURSDAY WKLY OPT	867	0	-	944	-8.2%	7,267	0	-
EUR/USD THURSDAY WKLY OPT	197	0	-	808	-75.6%	5,559	0	-
EUR/USD THURSDAY WKLY OPT	1,354	0	-	1,313	3.1%	9,514	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	0	0.0%	380	0	-
EUR/USD TUESDAY WKLY OPT	100	0	-	1,320	-92.4%	3,983	0	-
EUR/USD TUESDAY WKLY OPT	673	0	-	81	730.9%	6,310	0	-
EUR/USD TUESDAY WKLY OPT	387	0	-	473	-18.2%	6,467	0	-
EUR/USD TUESDAY WKLY OPT	1,463	0	-	465	214.6%	5,765	0	-
EUR/USD TUESDAY WKLY OPT	1,420	0	-	0	0.0%	3,008	0	-
EUR/USD WKLY FRIDAY OPTION	119	3	3,866.7%	755	-84.2%	29,309	54,082	-45.8%
EUR/USD WKLY FRIDAY OPTION	26,872	15,767	70.4%	9,486	183.3%	181,473	141,085	28.6%
EUR/USD WKLY FRIDAY OPTION	29,291	15,399	90.2%	37,504	-21.9%	253,899	165,015	53.9%

## CME Exchange Volume Report - Monthly

	VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOIUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>FX Options</b>								
EUR/USD WKLY FRIDAY OPTION	28,001	15,885	76.3%	20,325	37.8%	271,620	186,377	45.7%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	14,932	-100.0%	34,918	59,021	-40.8%
EUR/USD WKLY WED OPTIONS -	10,323	9,153	12.8%	5,386	91.7%	52,999	67,959	-22.0%
EUR/USD WKLY WED OPTIONS -	8,112	7,267	11.6%	9,166	-11.5%	63,416	56,221	12.8%
EUR/USD WKLY WED OPTIONS -	7,515	5,698	31.9%	7,331	2.5%	50,205	53,758	-6.6%
EUR/USD WKLY WED OPTIONS -	6,584	8,678	-24.1%	7,293	-9.7%	48,275	67,748	-28.7%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	14,869	21,447	-30.7%
EVENT CONTRACT EUR/USD	4,702	1,820	158.4%	6,812	-31.0%	56,328	3,510	1,504.8%
GBP/USD MONDAY OPTION WEE	205	381	-46.2%	1,679	-87.8%	6,399	5,289	21.0%
GBP/USD MONDAY OPTION WEE	165	509	-67.6%	192	-14.1%	9,124	10,712	-14.8%
GBP/USD MONDAY OPTION WEE	1,593	273	483.5%	799	99.4%	5,266	3,183	65.4%
GBP/USD MONDAY OPTION WEE	157	829	-81.1%	3,155	-95.0%	7,064	5,709	23.7%
GBP/USD MONDAY OPTION WEE	402	1,841	-78.2%	0	0.0%	993	3,321	-70.1%
GBP/USD MONTHLY OPTIONS	56,755	105,333	-46.1%	74,597	-23.9%	663,430	858,315	-22.7%
GBP/USD THURSDAY WKLY OPT	284	0	-	595	-52.3%	2,537	0	-
GBP/USD THURSDAY WKLY OPT	206	0	-	88	134.1%	1,926	0	-
GBP/USD THURSDAY WKLY OPT	83	0	-	115	-27.8%	2,393	0	-
GBP/USD THURSDAY WKLY OPT	36	0	-	361	-90.0%	1,362	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	0	0.0%	363	0	-
GBP/USD TUESDAY WKLY OPT	156	0	-	477	-67.3%	1,660	0	-
GBP/USD TUESDAY WKLY OPT	96	0	-	158	-39.2%	3,013	0	-
GBP/USD TUESDAY WKLY OPT	577	0	-	104	454.8%	2,470	0	-
GBP/USD TUESDAY WKLY OPT	483	0	-	128	277.3%	2,163	0	-
GBP/USD TUESDAY WKLY OPT	121	0	-	0	0.0%	569	0	-
GBP/USD WKLY FRIDAY OPTION	68	0	0.0%	145	-53.1%	6,696	9,133	-26.7%
GBP/USD WKLY FRIDAY OPTION	3,775	4,440	-15.0%	2,953	27.8%	29,957	25,763	16.3%
GBP/USD WKLY FRIDAY OPTION	2,782	3,166	-12.1%	2,596	7.2%	37,780	33,307	13.4%
GBP/USD WKLY FRIDAY OPTION	3,823	2,516	51.9%	3,226	18.5%	26,661	30,811	-13.5%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	1,898	-100.0%	6,925	10,677	-35.1%
GBP/USD WKLY WED OPTIONS -	934	2,198	-57.5%	1,861	-49.8%	8,227	13,428	-38.7%
GBP/USD WKLY WED OPTIONS -	504	539	-6.5%	305	65.2%	9,490	4,832	96.4%
GBP/USD WKLY WED OPTIONS -	448	1,069	-58.1%	1,653	-72.9%	11,583	10,359	11.8%
GBP/USD WKLY WED OPTIONS -	408	1,586	-74.3%	920	-55.7%	6,782	12,388	-45.3%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	1,449	670	116.3%
JPY/USD MONDAY OPTION WEE	1,874	153	1,124.8%	1,387	35.1%	8,335	6,694	24.5%
JPY/USD MONDAY OPTION WEE	622	438	42.0%	593	4.9%	13,081	8,315	57.3%
JPY/USD MONDAY OPTION WEE	898	156	475.6%	593	51.4%	5,336	2,976	79.3%
JPY/USD MONDAY OPTION WEE	120	6,372	-98.1%	1,084	-88.9%	7,381	15,755	-53.2%
JPY/USD MONDAY OPTION WEE	2,575	720	257.6%	0	0.0%	6,452	967	567.2%
JPY/USD MONTHLY OPTIONS	128,987	141,887	-9.1%	87,592	47.3%	1,024,342	1,482,482	-30.9%
JPY/USD THURSDAY WKLY OPT	421	0	-	542	-22.3%	2,626	0	-
JPY/USD THURSDAY WKLY OPT	238	0	-	5	4,660.0%	984	0	-
JPY/USD THURSDAY WKLY OPT	145	0	-	27	437.0%	425	0	-
JPY/USD THURSDAY WKLY OPT	305	0	-	523	-41.7%	1,047	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	0	0.0%	277	0	-
JPY/USD TUESDAY WKLY OPT W	9	0	-	1,288	-99.3%	1,468	0	-
JPY/USD TUESDAY WKLY OPT W	135	0	-	565	-76.1%	4,072	0	-
JPY/USD TUESDAY WKLY OPT W	12	0	-	206	-94.2%	2,431	0	-
JPY/USD TUESDAY WKLY OPT W	68	0	-	1,858	-96.3%	3,521	0	-
JPY/USD TUESDAY WKLY OPT W	2,622	0	-	0	0.0%	2,762	0	-
JPY/USD WKLY FRIDAY OPTION	14	0	0.0%	241	-94.2%	10,282	32,838	-68.7%

**CME Exchange Volume Report - Monthly**

	VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOIUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>FX Options</b>								
JPY/USD WKLY FRIDAY OPTION	14,768	10,664	38.5%	4,044	265.2%	70,890	82,270	-13.8%
JPY/USD WKLY FRIDAY OPTION	11,941	15,618	-23.5%	5,421	120.3%	79,839	118,614	-32.7%
JPY/USD WKLY FRIDAY OPTION	19,109	12,765	49.7%	7,946	140.5%	88,234	113,835	-22.5%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	8,557	-100.0%	19,048	38,761	-50.9%
JPY/USD WKLY WED OPTIONS -	7,618	9,752	-21.9%	5,232	45.6%	36,796	40,595	-9.4%
JPY/USD WKLY WED OPTIONS -	3,224	5,857	-45.0%	2,538	27.0%	27,617	37,304	-26.0%
JPY/USD WKLY WED OPTIONS -	2,360	3,569	-33.9%	2,445	-3.5%	30,563	32,368	-5.6%
JPY/USD WKLY WED OPTIONS -	1,980	6,953	-71.5%	2,370	-16.5%	22,920	46,647	-50.9%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	6,503	12,005	-45.8%
MXN/USD MONTHLY OPTIONS	14,815	353	4,096.9%	3,453	329.0%	22,023	15,865	38.8%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	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	7	10	-30.0%	54	-87.0%	75,323	23,732	217.4%
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	20	0	-	0	0.0%	821	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 OCT 2023	VOLUME OCT 2022	% CHG	VOIUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	217	326	-33.4%	1,272	-82.9%	5,301	3,418	55.1%
BUTTER CS	4,556	4,117	10.7%	3,973	14.7%	38,397	42,719	-10.1%
CASH-SETTLED CHEESE	12,817	9,136	40.3%	11,406	12.4%	133,318	98,769	35.0%
CAT ASIA WEATHER	0	0	0.0%	0	-	0	0	0.0%
CATTLE	1,429,621	1,051,565	36.0%	1,395,055	2.5%	13,809,542	12,041,757	14.7%
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	0	0	0.0%	1,000	-100.0%	16,950	23,650	-28.3%
CLASS IV MILK	1,226	1,443	-15.0%	3,853	-68.2%	14,680	25,962	-43.5%
DRY WHEY	1,101	497	121.5%	1,024	7.5%	10,961	10,064	8.9%
FEEDER CATTLE	409,127	307,268	33.1%	434,825	-5.9%	3,682,086	2,826,306	30.3%
GOLDMAN SACHS	1,930	3,178	-39.3%	1,890	2.1%	20,451	39,413	-48.1%
GSCI EXCESS RETURN FUT	3,244	899	260.8%	72,785	-95.5%	233,068	405,506	-42.5%
HDD EURO SEASONAL STRIP	0	1,000	-100.0%	0	0.0%	0	3,375	-100.0%
HDD SEASONAL STRIP	0	150	-100.0%	0	0.0%	0	3,900	-100.0%
HDD WEATHER	1,400	7,350	-81.0%	250	460.0%	3,650	17,025	-78.6%
HDD WEATHER EUROPEAN	250	3,950	-93.7%	0	0.0%	7,750	7,825	-1.0%
HOGS	919,821	898,146	2.4%	1,042,545	-11.8%	10,823,835	9,657,624	12.1%
HOUSING INDEX	33	15	120.0%	17	94.1%	178	156	14.1%
LUMBER	19,317	12,521	54.3%	13,734	40.7%	150,667	90,216	67.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	38,805	21,684	79.0%	33,635	15.4%	327,792	286,919	14.2%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	5,465	5,963	-8.4%	5,650	-3.3%	52,424	57,524	-8.9%
OTC SP GSCI ER SWAP	17,981	0	-	0	0.0%	133,328	0	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	1,009	1,607	-37.2%	1,162	-13.2%	14,636	21,372	-31.5%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	23,939	16,009	49.5%	25,720	-6.9%	265,073	219,564	20.7%

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.



## CME Exchange Volume Report - Monthly

	VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOIUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Ag Products Options</b>								
BLOCK CHEESE	908	6	15,033.3%	858	5.8%	4,764	2,515	89.4%
BUTTER CS	2,233	1,963	13.8%	1,249	78.8%	20,220	15,965	26.7%
CASH-SETTLED CHEESE	5,495	6,333	-13.2%	8,502	-35.4%	75,549	71,544	5.6%
CATTLE	463,371	192,076	141.2%	351,440	31.8%	3,227,528	2,144,720	50.5%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	82,200	20,500	301.0%
CDD WEATHER	0	0	0.0%	0	0.0%	116,000	1,100	10,445.5%
CLASS IV MILK	8,804	6,561	34.2%	9,147	-3.7%	72,046	74,617	-3.4%
DRY WHEY	532	5	10,540.0%	278	91.4%	2,077	3,234	-35.8%
FEEDER CATTLE	89,773	38,506	133.1%	77,694	15.5%	631,610	362,324	74.3%
HDD EURO SEASONAL STRIP	0	2,000	-100.0%	0	0.0%	28,000	6,750	314.8%
HDD SEASONAL STRIP	7,500	1,500	400.0%	5,000	50.0%	55,000	4,000	1,275.0%
HDD WEATHER	8,400	500	1,580.0%	18,150	-53.7%	56,250	12,800	339.5%
HDD WEATHER EUROPEAN	0	1,000	-100.0%	0	0.0%	20,000	2,000	900.0%
HOGS	414,204	227,260	82.3%	276,518	49.8%	3,202,119	2,314,077	38.4%
LUMBER	1,152	380	203.2%	1,297	-11.2%	4,762	4,110	15.9%
LV CATL CSO	0	0	-	0	0.0%	60	0	-
MILK	29,342	23,543	24.6%	18,388	59.6%	245,827	238,739	3.0%
MLK MID OPTIONS	0	0	0.0%	3	-100.0%	22	45	-51.1%
NFD MILK	8,230	6,434	27.9%	8,053	2.2%	54,965	44,685	23.0%
PACIFIC RIM DAT SS WTHR	9,000	0	-	0	-	9,000	0	-
PORK CUTOUT	0	0	0.0%	0	0.0%	111	35	217.1%



## CME Exchange Volume Report - Monthly

	VOLUME OCT 2023	VOLUME OCT 2022	% CHG	VOIUME SEP 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	70,377,373	59,418,053	18.4%	63,894,714	10.1%	724,689,022	721,592,286	0.4%
Equity Index Futures	127,157,245	139,864,402	-9.1%	104,609,383	21.6%	1,060,530,353	1,290,960,255	-17.8%
FX Futures	19,713,752	20,633,015	-4.5%	23,204,638	-15.0%	187,777,721	197,298,570	-4.8%
Ag Products Futures	2,891,859	2,346,824	23.2%	3,049,796	-5.2%	29,748,137	25,890,464	14.9%
<b>TOTAL FUTURES</b>	<b>220,140,229</b>	<b>222,262,294</b>	<b>-1.0%</b>	<b>194,758,531</b>	<b>13.0%</b>	<b>2,002,745,233</b>	<b>2,235,741,575</b>	<b>-10.4%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	42,543,229	30,822,376	38.0%	32,493,700	30.9%	293,874,817	253,963,395	15.7%
Interest Rate Options	31,532,374	31,321,036	0.7%	24,875,603	26.8%	366,626,589	262,937,418	39.4%
FX Options	852,154	919,837	-7.4%	857,268	-0.6%	7,998,349	9,050,962	-11.6%
Ag Products Options	1,048,944	508,067	106.5%	776,577	35.1%	7,908,110	5,323,760	48.5%
<b>TOTAL OPTIONS</b>	<b>75,976,701</b>	<b>63,571,316</b>	<b>19.5%</b>	<b>59,003,148</b>	<b>28.8%</b>	<b>676,407,865</b>	<b>531,275,535</b>	<b>27.3%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	101,909,747	90,739,089	12.3%	88,770,317	14.8%	1,091,315,611	984,529,704	10.8%
Equity Index	169,700,474	170,686,778	-0.6%	137,103,083	23.8%	1,354,405,170	1,544,923,650	-12.3%
FX	20,565,906	21,552,852	-4.6%	24,061,906	-14.5%	195,776,070	206,349,532	-5.1%
Ag Products	3,940,803	2,854,891	38.0%	3,826,373	3.0%	37,656,247	31,214,224	20.6%
<b>GRAND TOTAL</b>	<b>296,116,930</b>	<b>285,833,610</b>	<b>3.6%</b>	<b>253,761,679</b>	<b>16.7%</b>	<b>2,679,153,098</b>	<b>2,767,017,110</b>	<b>-3.2%</b>

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