

## CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>												
1-MONTH EURODOLLAR	0	0	0.0%	48	2	2,300.0%	0	0	0.0%	337	2	16,750.0%
BSBY 3-MONTH FUTURES	0	0	0.0%	25,525	158,740	-83.9%	0	0	0.0%	539,248	300,427	79.5%
EURODOLLARS	632,652	741,053	-14.6%	17,085,381	65,462,848	-73.9%	7,464,581	4,550,444	64.0%	356,446,490	493,750,734	-27.8%
SOFR	231,401	0	0.0%	40,807,609	4,944,746	725.3%	1,025,635	0	0.0%	346,697,506	26,649,399	1,201.0%
SONIA	0	0	0.0%	0	19,085	-100.0%	0	0	0.0%	1,293	798,109	-99.8%
TIIE	0	0	0.0%	35	40	-12.5%	0	0	0.0%	916	779	17.6%
<b>Interest Rate Options</b>												
EURODOLLARS	4,159,347	5,175,362	-19.6%	6,796,048	2,707,118	151.0%	75,391,175	27,697,588	172.2%	39,586,899	14,579,229	171.5%
EURO MIDCURVE	723,808	12,286,672	-94.1%	377,028	9,362,421	-96.0%	40,973,885	106,317,330	-61.5%	21,262,186	55,653,021	-61.8%
SOFR	9,044,344	0	0.0%	3,415,804	0	0.0%	35,524,629	7,310	485,873.0%	13,173,744	1,342	981,550.1%
SOFR MIDCURVE	2,226,563	0	0.0%	1,023,941	25	4,095,664.0%	10,516,524	0	0.0%	4,045,826	85	4,759,695.3%
<b>Equity Index Futures</b>												
BITCOIN	0	0	0.0%	266,286	255,650	4.2%	0	0	0.0%	2,129,293	2,136,069	-0.3%
E-mini FTSE China 50	0	0	0.0%	116	144	-19.4%	0	0	0.0%	7,122	665	971.0%
E-MINI MIDCAP	0	0	0.0%	291,192	248,318	17.3%	0	0	0.0%	3,325,621	2,564,556	29.7%
E-MINI NASDAQ 100	0	0	0.0%	15,974,485	11,154,495	43.2%	0	0	0.0%	148,974,499	113,640,738	31.1%
E-MINI RUSSELL 1000	0	0	0.0%	1,613	4,014	-59.8%	0	0	0.0%	30,269	44,644	-32.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,729	2,202	23.9%	0	0	0.0%	46,624	31,389	48.5%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,337	2,851	-18.0%	0	0	0.0%	78,757	77,847	1.2%
E-MINI RUSSELL 2000	0	0	0.0%	5,141,662	3,522,740	46.0%	0	0	0.0%	50,599,453	40,670,665	24.4%
E-MINI S&P500	0	0	0.0%	47,784,324	28,690,411	66.6%	0	0	0.0%	421,493,030	327,483,150	28.7%
E-MINI S&P500 ESG	0	0	0.0%	26,163	12,307	112.6%	0	0	0.0%	260,397	132,649	96.3%
ETHER	0	-	-	0	-	-	0	-	-	7	-	-
ETHER FUTURES	0	0	0.0%	131,553	114,603	14.8%	0	0	0.0%	1,321,417	674,938	95.8%
FT-SE 100	0	0	0.0%	145	57	154.4%	0	0	0.0%	1,524	258	490.7%
FTSE Emerging	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	52	379	-86.3%	0	0	0.0%	581	2,233	-74.0%
MICRO BITCOIN	0	0	0.0%	218,951	570,675	-61.6%	0	0	0.0%	3,220,940	2,728,074	18.1%
MICRO E-MINI NASDAQ 100	0	0	0.0%	31,704,461	19,586,443	61.9%	0	0	0.0%	315,858,218	193,176,393	63.5%

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 Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Equity Index Futures</b>												
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,931,274	2,939,925	-0.3%	0	0	0.0%	28,854,544	31,337,891	-7.9%
MICRO E-MINI S&P500	0	0	0.0%	33,300,874	17,825,532	86.8%	0	0	0.0%	290,713,102	178,549,646	62.8%
MICRO ETHER	0	-	-	329,615	-	-	0	-	-	4,251,026	-	-
NASDAQ-100 VOLATILITY	0	0	0.0%	70	2	3,400.0%	0	0	0.0%	18,519	97	18,991.8%
NASDAQ BIOTECH SECTOR	0	0	0.0%	202	88	129.5%	0	0	0.0%	2,160	5,571	-61.2%
Nearby BTIC+	0	0	0.0%	750	100	650.0%	0	0	0.0%	5,200	456	1,040.4%
NIKKEI 225 (\$) STOCK	0	0	0.0%	100,356	148,247	-32.3%	0	0	0.0%	1,173,271	1,330,778	-11.8%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	759,153	810,581	-6.3%	0	0	0.0%	7,913,855	6,721,332	17.7%
PHLX SEMICONDUCTOR SECT	0	-	-	829	-	-	0	-	-	1,463	-	-
S&P 500	0	0	0.0%	4,003	202	1,881.7%	0	0	0.0%	5,846	12,787	-54.3%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	30,538	12,754	139.4%	0	0	0.0%	287,156	136,308	110.7%
S&P 500/GI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	2,889	100	2,789.0%	0	0	0.0%	18,228	864	2,009.7%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P BIOTECHNOLOGY SECTO	0	-	-	934	-	-	0	-	-	8,141	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	3,037	1,272	138.8%	0	0	0.0%	34,593	27,650	25.1%
S&P CONSUMER DISCRETION	0	0	0.0%	6,711	8,681	-22.7%	0	0	0.0%	71,958	96,104	-25.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	13,696	10,863	26.1%	0	0	0.0%	173,599	173,415	0.1%
S&P ENERGY SECTOR	0	0	0.0%	30,772	20,156	52.7%	0	0	0.0%	456,266	277,814	64.2%
S&P FINANCIAL SECTOR	0	0	0.0%	15,009	15,195	-1.2%	0	0	0.0%	242,746	307,930	-21.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	9,387	13,815	-32.1%	0	0	0.0%	182,317	154,033	18.4%
S&P INDUSTRIAL SECTOR	0	0	0.0%	10,630	5,797	83.4%	0	0	0.0%	133,432	103,389	29.1%
S&P MATERIALS SECTOR	0	0	0.0%	7,209	5,275	36.7%	0	0	0.0%	85,266	86,075	-0.9%
S&P OIL & GAS EXPLORATION	0	-	-	494	-	-	0	-	-	4,319	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	3,272	2,823	15.9%	0	0	0.0%	42,553	43,325	-1.8%
S&P REGIONAL BANKS SECTO	0	-	-	472	-	-	0	-	-	2,039	-	-
S&P RETAIL SECTOR	0	-	-	180	-	-	0	-	-	2,839	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	25,028	5,641	343.7%	0	0	0.0%	213,864	118,051	81.2%
S&P UTILITIES SECTOR	0	0	0.0%	14,092	16,098	-12.5%	0	0	0.0%	177,997	162,590	9.5%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
WATER INDEX FUTURES	0	0	0.0%	0	2	-100.0%	0	0	0.0%	592	946	-37.4%
YEN DENOMINATED TOPIX	0	0	0.0%	39	5,672	-99.3%	0	0	0.0%	19,805	23,294	-15.0%

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.



## CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Equity Index Options</b>												
BITCOIN OPTIONS	0	0	0.0%	1,760	1,130	55.8%	0	0	0.0%	14,669	11,315	29.6%
E-MINI NASDAQ 100	0	0	0.0%	1,059,100	669,301	58.2%	0	0	0.0%	10,071,589	5,648,949	78.3%
E-mini Russell 2000	0	0	0.0%	100,109	100,424	-0.3%	0	0	0.0%	1,042,329	913,929	14.0%
E-MINI RUSSELL 2000	0	0	0.0%	25,800	21,025	22.7%	0	0	0.0%	314,938	277,523	13.5%
E-mini S&P 500	0	0	0.0%	13,500,954	9,830,745	37.3%	0	0	0.0%	111,802,246	71,542,094	56.3%
E-MINI S&P500	0	0	0.0%	13,908,599	6,706,737	107.4%	0	0	0.0%	111,334,549	61,379,608	81.4%
EOM S&P 500	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,156	-100.0%
ETHER OPTIONS	0	-	-	296	-	-	0	-	-	394	-	-
MICRO BITCOIN	0	-	-	7,057	-	-	0	-	-	71,017	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	40,407	38,834	4.1%	0	0	0.0%	429,730	277,164	55.0%
MICRO E-MINI NASDAQ 100	0	0	0.0%	6,684	3,959	68.8%	0	0	0.0%	116,132	56,428	105.8%
Micro E-mini S&P 500	0	0	0.0%	221,386	230,503	-4.0%	0	0	0.0%	2,335,297	1,557,082	50.0%
MICRO ETHER	0	-	-	39,574	-	-	0	-	-	242,189	-	-
S&P 500	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	53	14	278.6%	0	0	0.0%	519	172	201.7%
AD/JY CROSS RATES	0	0	0.0%	3,643	2,542	43.3%	0	0	0.0%	45,501	21,610	110.6%
AD/NE CROSS RATES	0	0	0.0%	9,238	536	1,623.5%	0	0	0.0%	38,932	2,994	1,200.3%
AUSTRALIAN DOLLAR	0	0	0.0%	2,169,565	1,838,634	18.0%	0	0	0.0%	21,182,356	20,585,707	2.9%
BP/JY CROSS RATES	0	0	0.0%	5,154	2,305	123.6%	0	0	0.0%	45,838	24,840	84.5%
BP/SF CROSS RATES	0	0	0.0%	3,161	557	467.5%	0	0	0.0%	21,883	7,509	191.4%
BRAZIL REAL	0	0	0.0%	314,064	201,419	55.9%	0	0	0.0%	2,807,923	2,312,816	21.4%
BRITISH POUND	0	0	0.0%	3,078,112	1,853,708	66.1%	0	0	0.0%	25,982,214	19,642,212	32.3%
CANADIAN DOLLAR	0	0	0.0%	2,038,426	1,488,567	36.9%	0	0	0.0%	19,026,305	16,589,681	14.7%
CD/JY CROSS RATES	0	0	0.0%	71	73	-2.7%	0	0	0.0%	358	1,533	-76.6%
CHINESE RENMINBI (CNH)	0	0	0.0%	45,898	12,456	268.5%	0	0	0.0%	299,033	164,799	81.5%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	19	2	850.0%
CZECK KORUNA (US)	0	0	0.0%	2	0	0.0%	0	0	0.0%	28	8	250.0%
EC/AD CROSS RATES	0	0	0.0%	3,180	2,984	6.6%	0	0	0.0%	57,201	47,078	21.5%
EC/CD CROSS RATES	0	0	0.0%	4,679	4,320	8.3%	0	0	0.0%	80,593	70,397	14.5%
EC/NOK CROSS RATES	0	0	0.0%	421	559	-24.7%	0	0	0.0%	18,709	6,565	185.0%

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.



## CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Futures</b>												
EC/SEK CROSS RATES	0	0	0.0%	871	311	180.1%	0	0	0.0%	23,232	6,176	276.2%
EFX/BP CROSS RATES	0	0	0.0%	80,325	37,155	116.2%	0	0	0.0%	965,420	566,824	70.3%
EFX/JY CROSS RATES	0	0	0.0%	30,495	31,481	-3.1%	0	0	0.0%	551,698	424,287	30.0%
EFX/SF CROSS RATES	0	0	0.0%	25,872	16,207	59.6%	0	0	0.0%	400,583	233,789	71.3%
E-MICRO USD/CAD	0	0	0.0%	20	1,358	-98.5%	0	0	0.0%	1,838	1,704	7.9%
E-MICRO USD/CHF	0	0	0.0%	32	54	-40.7%	0	0	0.0%	739	83	790.4%
E-MICRO USD/JPY	0	0	0.0%	837	2,799	-70.1%	0	0	0.0%	151,161	2,921	5,075.0%
E-MINI EURO FX	0	0	0.0%	161,440	82,740	95.1%	0	0	0.0%	1,521,352	1,195,111	27.3%
E-MINI JAPANESE YEN	0	0	0.0%	16,060	10,608	51.4%	0	0	0.0%	121,696	92,776	31.2%
EURO FX	0	0	0.0%	4,623,869	3,404,101	35.8%	0	0	0.0%	50,147,491	39,656,949	26.5%
HUNGARIAN FORINT (EC)	0	0	0.0%	1	0	0.0%	0	0	0.0%	3	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	0	3	-100.0%	0	0	0.0%	42	171	-75.4%
INDIAN RUPEE	0	0	0.0%	39,230	16,274	141.1%	0	0	0.0%	266,681	139,266	91.5%
JAPANESE YEN	0	0	0.0%	3,648,629	2,329,770	56.6%	0	0	0.0%	32,759,084	22,210,853	47.5%
KOREAN WON	0	0	0.0%	492	473	4.0%	0	0	0.0%	3,375	11,822	-71.5%
MEXICAN PESO	0	0	0.0%	1,373,837	882,594	55.7%	0	0	0.0%	12,228,759	11,018,406	11.0%
MICRO AUD/USD	0	0	0.0%	289,867	196,181	47.8%	0	0	0.0%	2,644,276	2,066,390	28.0%
MICRO CAD/USD	0	0	0.0%	85,931	55,291	55.4%	0	0	0.0%	613,635	563,134	9.0%
MICRO CHF/USD	0	0	0.0%	16,673	7,180	132.2%	0	0	0.0%	174,102	86,798	100.6%
MICRO EUR/USD	0	0	0.0%	923,965	421,912	119.0%	0	0	0.0%	7,922,863	4,803,593	64.9%
MICRO GBP/USD	0	0	0.0%	234,107	104,204	124.7%	0	0	0.0%	1,252,857	770,095	62.7%
MICRO INR/USD	0	0	0.0%	621	1,188	-47.7%	0	0	0.0%	7,043	17,534	-59.8%
MICRO JPY/USD	0	0	0.0%	0	46,053	-100.0%	0	0	0.0%	101,719	346,054	-70.6%
MICRO USD/CNH	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	0	0	0.0%	737,969	529,459	39.4%	0	0	0.0%	6,505,484	5,952,116	9.3%
NKR/USD CROSS RATE	0	0	0.0%	1,546	2,441	-36.7%	0	0	0.0%	28,523	45,669	-37.5%
POLISH ZLOTY (EC)	0	0	0.0%	2	66	-97.0%	0	0	0.0%	1,213	1,376	-11.8%
POLISH ZLOTY (US)	0	0	0.0%	1,300	699	86.0%	0	0	0.0%	13,523	8,819	53.3%
RMB USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	29	3	866.7%
RUSSIAN RUBLE	0	0	0.0%	0	117,753	-100.0%	0	0	0.0%	576,766	1,078,345	-46.5%
S.AFRICAN RAND	0	0	0.0%	78,941	48,508	62.7%	0	0	0.0%	906,652	574,066	57.9%
SF/JY CROSS RATES	0	0	0.0%	447	74	504.1%	0	0	0.0%	5,596	329	1,600.9%
SHEKEL	0	0	0.0%	1	1	0.0%	0	0	0.0%	147	19	673.7%
SKR/USD CROSS RATES	0	0	0.0%	4,185	4,168	0.4%	0	0	0.0%	62,996	49,392	27.5%
SWISS FRANC	0	0	0.0%	456,997	466,075	-1.9%	0	0	0.0%	5,461,918	4,913,010	11.2%

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 Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Futures</b>												
TURKISH LIRA	0	0	0.0%	24	0	0.0%	0	0	0.0%	26	8	225.0%
USDZAR	0	0	0.0%	0	1	-100.0%	0	0	0.0%	31	72	-56.9%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	5	1,142	-99.6%	0	0	0.0%	1,759	4,254	-58.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	18	495	-96.4%	0	0	0.0%	3,261	3,726	-12.5%
AUD/USD MONDAY OPTION W	0	0	0.0%	134	797	-83.2%	0	0	0.0%	2,420	3,984	-39.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	91	516	-82.4%	0	0	0.0%	3,234	4,512	-28.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	145	0	0.0%	0	0	0.0%	1,363	1,370	-0.5%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	52,855	56,817	-7.0%	0	0	0.0%	682,282	493,233	38.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	119	-100.0%	0	0	0.0%	4,572	7,231	-36.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,122	1,695	25.2%	0	0	0.0%	14,998	16,675	-10.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,072	2,499	-57.1%	0	0	0.0%	19,410	26,692	-27.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,541	2,416	5.2%	0	0	0.0%	16,112	29,297	-45.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	3,366	-100.0%	0	0	0.0%	5,196	8,641	-39.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	432	3,062	-85.9%	0	0	0.0%	6,061	11,795	-48.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	477	717	-33.5%	0	0	0.0%	4,671	7,846	-40.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	85	127	-33.1%	0	0	0.0%	2,157	3,068	-29.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	127	576	-78.0%	0	0	0.0%	4,735	9,069	-47.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	578	1,985	-70.9%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	22	501	-95.6%	0	0	0.0%	3,043	3,291	-7.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	685	1,248	-45.1%	0	0	0.0%	2,518	8,895	-71.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	216	723	-70.1%	0	0	0.0%	10,712	15,720	-31.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	424	400	6.0%	0	0	0.0%	10,046	10,304	-2.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	11	802	-98.6%	0	0	0.0%	7,017	22,507	-68.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,240	0	0.0%	0	0	0.0%	2,775	3,147	-11.8%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	61,022	69,526	-12.2%	0	0	0.0%	600,246	689,268	-12.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	710	-100.0%	0	0	0.0%	12,919	27,536	-53.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,220	2,834	48.9%	0	0	0.0%	33,482	45,764	-26.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,991	7,211	-58.5%	0	0	0.0%	52,797	76,730	-31.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,664	5,653	-35.2%	0	0	0.0%	45,783	93,050	-50.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	10,929	-100.0%	0	0	0.0%	12,620	28,019	-55.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	992	2,864	-65.4%	0	0	0.0%	10,164	21,192	-52.0%

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.

## CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Options</b>												
CAD/USD WKLY WED OPTIONS	0	0	0.0%	804	1,273	-36.8%	0	0	0.0%	12,025	18,371	-34.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,062	1,500	-29.2%	0	0	0.0%	14,567	20,167	-27.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,681	785	114.1%	0	0	0.0%	15,814	26,341	-40.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,474	9,035	-50.5%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,267	10,782	-69.7%	0	0	0.0%	42,809	55,476	-22.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	989	411	140.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	30	52	-42.3%	0	0	0.0%	901	2,292	-60.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	46	179	-74.3%	0	0	0.0%	1,047	1,882	-44.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	30	45	-33.3%	0	0	0.0%	1,237	2,431	-49.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	44	-100.0%	0	0	0.0%	117	282	-58.5%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	204	6	3,300.0%
EUR/GBP WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EURODOLLARS	0	-	-	1,820	-	-	0	-	-	3,510	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	2,851	3,300	-13.6%	0	0	0.0%	19,254	19,382	-0.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,552	3,853	-33.8%	0	0	0.0%	24,957	16,974	47.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	763	2,530	-69.8%	0	0	0.0%	10,423	15,588	-33.1%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,471	1,374	7.1%	0	0	0.0%	26,308	25,964	1.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	766	0	0.0%	0	0	0.0%	5,022	5,945	-15.5%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	297,060	188,804	57.3%	0	0	0.0%	2,481,538	1,945,377	27.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	3	358	-99.2%	0	0	0.0%	50,404	49,464	1.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	15,239	8,474	79.8%	0	0	0.0%	135,167	125,874	7.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	13,917	20,522	-32.2%	0	0	0.0%	158,497	199,082	-20.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	13,705	16,177	-15.3%	0	0	0.0%	173,609	182,976	-5.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	24,176	-100.0%	0	0	0.0%	58,029	85,773	-32.3%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,153	8,043	13.8%	0	0	0.0%	66,409	65,390	1.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,267	6,187	17.5%	0	0	0.0%	55,341	68,528	-19.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,698	4,854	17.4%	0	0	0.0%	53,358	65,238	-18.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,678	8,530	1.7%	0	0	0.0%	64,648	88,524	-27.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	20,237	25,392	-20.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	381	306	24.5%	0	0	0.0%	5,289	4,400	20.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	509	677	-24.8%	0	0	0.0%	10,712	5,948	80.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	273	1,658	-83.5%	0	0	0.0%	3,183	4,031	-21.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	829	1,236	-32.9%	0	0	0.0%	5,709	5,555	2.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,841	0	0.0%	0	0	0.0%	3,321	654	407.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	87,716	83,729	4.8%	0	0	0.0%	770,392	732,637	5.2%

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 Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Options</b>												
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	80	-100.0%	0	0	0.0%	7,507	12,239	-38.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,004	2,443	63.9%	0	0	0.0%	22,403	24,412	-8.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,166	1,801	75.8%	0	0	0.0%	27,075	28,279	-4.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,078	4,989	-58.3%	0	0	0.0%	25,751	35,562	-27.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	2,012	-100.0%	0	0	0.0%	8,769	10,415	-15.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,398	2,054	-31.9%	0	0	0.0%	12,628	11,701	7.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	539	1,205	-55.3%	0	0	0.0%	4,832	6,783	-28.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,069	1,000	6.9%	0	0	0.0%	9,879	6,771	45.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,586	2,344	-32.3%	0	0	0.0%	10,068	11,678	-13.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	670	2,591	-74.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	153	561	-72.7%	0	0	0.0%	6,694	3,852	73.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	438	920	-52.4%	0	0	0.0%	7,865	6,011	30.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	156	210	-25.7%	0	0	0.0%	2,976	3,892	-23.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	2,772	673	311.9%	0	0	0.0%	12,155	4,029	201.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	720	0	0.0%	0	0	0.0%	967	2,697	-64.1%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	131,230	103,153	27.2%	0	0	0.0%	1,292,668	812,132	59.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	9	-100.0%	0	0	0.0%	31,828	28,297	12.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,268	1,771	479.8%	0	0	0.0%	79,588	51,749	53.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	14,754	12,094	22.0%	0	0	0.0%	113,892	95,914	18.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	12,355	11,059	11.7%	0	0	0.0%	108,834	91,354	19.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	10,959	-100.0%	0	0	0.0%	37,049	36,327	2.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	9,752	5,655	72.4%	0	0	0.0%	40,595	28,311	43.4%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,857	5,141	13.9%	0	0	0.0%	36,304	36,104	0.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,569	4,877	-26.8%	0	0	0.0%	32,018	31,747	0.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,853	6,027	-19.5%	0	0	0.0%	44,147	31,885	38.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	11,330	7,879	43.8%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	353	2,790	-87.3%	0	0	0.0%	6,865	14,532	-52.8%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	17	604	-97.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	552	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	631	-100.0%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	10	553	-98.2%	0	0	0.0%	680	1,911	-64.4%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	55	-100.0%	0	0	0.0%	0	67	-100.0%

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.

### CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Options</b>												
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	68	-100.0%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	-	-	0	-	-	0	-	-	24	-	-
<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	101	173	-41.6%	0	0	0.0%	3,347	4,533	-26.2%



## CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Ag Products Futures</b>												
BLOCK CHEESE	0	0	0.0%	326	605	-46.1%	0	0	0.0%	2,609	6,334	-58.8%
BUTTER CS	0	0	0.0%	3,800	3,641	4.4%	0	0	0.0%	40,240	38,615	4.2%
CASH-SETTLED CHEESE	0	0	0.0%	9,136	11,038	-17.2%	0	0	0.0%	93,815	114,235	-17.9%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,050,244	886,887	18.4%	0	0	0.0%	12,020,252	11,682,664	2.9%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CLASS IV MILK	0	0	0.0%	1,220	4,068	-70.0%	0	0	0.0%	22,868	13,276	72.3%
DRY WHEY	0	0	0.0%	497	1,335	-62.8%	0	0	0.0%	8,998	19,493	-53.8%
FEEDER CATTLE	0	0	0.0%	307,268	253,610	21.2%	0	0	0.0%	2,824,532	2,595,235	8.8%
GOLDMAN SACHS	0	0	0.0%	2,376	3,965	-40.1%	0	0	0.0%	28,350	84,781	-66.6%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	91	151	-39.7%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	898,019	747,655	20.1%	0	0	0.0%	9,636,972	9,678,623	-0.4%
HOUSING INDEX	0	0	0.0%	15	10	50.0%	0	0	0.0%	156	132	18.2%
LUMBER	0	0	0.0%	12,519	7,935	57.8%	0	0	0.0%	89,148	97,695	-8.7%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	21,533	29,598	-27.2%	0	0	0.0%	279,204	241,002	15.9%
MLK MID OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	5,963	6,238	-4.4%	0	0	0.0%	56,848	53,538	6.2%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	0	0.0%	1,607	966	66.4%	0	0	0.0%	21,372	24,161	-11.5%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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.



## CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Ag Products Options</b>												
BLOCK CHEESE	0	0	0.0%	6	42	-85.7%	0	0	0.0%	2,515	2,964	-15.1%
BUTTER CS	0	0	0.0%	1,913	2,339	-18.2%	0	0	0.0%	14,006	19,099	-26.7%
CASH-SETTLED CHEESE	0	0	0.0%	6,163	4,038	52.6%	0	0	0.0%	62,724	61,765	1.6%
CATTLE	0	0	0.0%	192,076	165,880	15.8%	0	0	0.0%	2,126,464	1,880,483	13.1%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CLASS IV MILK	0	0	0.0%	6,046	7,972	-24.2%	0	0	0.0%	73,898	39,294	88.1%
DRY WHEY	0	0	0.0%	5	12	-58.3%	0	0	0.0%	2,734	1,758	55.5%
FEEDER CATTLE	0	0	0.0%	38,506	22,837	68.6%	0	0	0.0%	361,206	216,053	67.2%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	226,860	164,408	38.0%	0	0	0.0%	2,294,447	2,049,964	11.9%
HOUSING INDEX	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LUMBER	0	0	0.0%	380	379	0.3%	0	0	0.0%	4,110	7,079	-41.9%
LV CATL CSO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MILK	0	0	0.0%	23,493	30,853	-23.9%	0	0	0.0%	229,446	252,310	-9.1%
MLK MID OPTIONS	0	0	0.0%	0	1	-100.0%	0	0	0.0%	45	16	181.3%
NFD MILK	0	0	0.0%	4,667	2,735	70.6%	0	0	0.0%	35,668	34,148	4.5%
PORK CUTOUT	0	0	0.0%	0	1	-100.0%	0	0	0.0%	35	750	-95.3%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	864,053	741,053	16.6%	57,918,598	70,585,461	-17.9%	8,490,216	4,550,444	86.6%	703,685,790	521,499,450	34.9%
Equity Index Futures	0	0	0.0%	139,147,584	86,014,110	61.8%	0	0	0.0%	1,282,444,448	903,034,619	42.0%
FX Futures	0	0	0.0%	20,510,253	14,225,856	44.2%	0	0	0.0%	195,029,967	156,315,919	24.8%
Foreign Exchange Futures	0	-	-	0	-	-	0	-	-	24	-	-
Ag Products Futures	0	0	0.0%	2,314,523	1,957,551	18.2%	0	0	0.0%	25,125,455	24,649,935	1.9%
<b>TOTAL FUTURES</b>	<b>864,053</b>	<b>741,053</b>	<b>16.6%</b>	<b>219,890,958</b>	<b>172,782,978</b>	<b>27.3%</b>	<b>8,490,216</b>	<b>4,550,444</b>	<b>86.6%</b>	<b>2,206,285,684</b>	<b>1,605,499,923</b>	<b>37.4%</b>

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 Comparison Report - Monthly

	Open Outcry OCT 2022	Open Outcry OCT 2021	% CHG	ELEC OCT 2022	ELEC OCT 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	28,911,726	17,602,658	64.2%	0	0	0.0%	237,775,079	141,666,448	67.8%
Interest Rate Options	16,154,062	17,462,034	-7.5%	11,612,821	12,069,564	-3.8%	162,406,213	134,022,228	21.2%	78,068,655	70,233,677	11.2%
FX Options	0	0	0.0%	826,083	761,628	8.5%	0	0	0.0%	7,872,486	6,995,167	12.5%
Ag Products Options	0	0	0.0%	500,115	401,497	24.6%	0	0	0.0%	5,207,298	4,565,683	14.1%
Foreign Exchange Options	0	0	0.0%	101	173	-41.6%	0	0	0.0%	3,347	4,533	-26.2%
<b>TOTAL OPTIONS</b>	<b>16,154,062</b>	<b>17,462,034</b>	<b>-7.5%</b>	<b>41,850,846</b>	<b>30,835,520</b>	<b>35.7%</b>	<b>162,406,213</b>	<b>134,022,228</b>	<b>21.2%</b>	<b>328,926,865</b>	<b>223,465,508</b>	<b>47.2%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	17,018,115	18,203,087	-6.5%	69,531,419	82,655,025	-15.9%	170,896,429	138,572,672	23.3%	781,754,445	591,733,127	32.1%
Equity Index	0	0	0.0%	168,059,310	103,616,768	62.2%	0	0	0.0%	1,520,219,527	1,044,701,067	45.5%
FX	0	0	0.0%	21,336,336	14,987,484	42.4%	0	0	0.0%	202,902,453	163,311,086	24.2%
Foreign Exchange	0	0	0.0%	101	173	-41.6%	0	0	0.0%	3,371	4,533	-25.6%
Ag Products	0	0	0.0%	2,814,638	2,359,048	19.3%	0	0	0.0%	30,332,753	29,215,618	3.8%
<b>GRAND TOTAL</b>	<b>17,018,115</b>	<b>18,203,087</b>	<b>-6.5%</b>	<b>261,741,804</b>	<b>203,618,498</b>	<b>28.5%</b>	<b>170,896,429</b>	<b>138,572,672</b>	<b>23.3%</b>	<b>2,535,212,549</b>	<b>1,828,965,431</b>	<b>38.6%</b>

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.