

## CME Exchange Volume Report - Monthly

	VOLUME APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>Interest Rate Futures</b>								
13-Week U.S. T-Bill Futures	10,463	0	-	13,914	-24.8%	87,875	0	-
1-MONTH EURODOLLAR	0	1,000	-100.0%	0	0.0%	0	1,006	-100.0%
BSBY 3-MONTH FUTURES	172	4,206	-95.9%	185	-7.0%	784	24,177	-96.8%
ESTR Basis Spread Futures	1,112	102	990.2%	1,826	-39.1%	21,624	4,668	363.2%
ESTR Futures	376,321	30,893	1,118.1%	408,971	-8.0%	1,261,882	133,237	847.1%
EURODOLLARS	0	1,328,733	-100.0%	0	0.0%	0	27,573,110	-100.0%
FTIIE	125	356	-64.9%	229	-45.4%	939	1,103	-14.9%
SOFR	74,540,981	48,644,647	53.2%	64,405,474	15.7%	293,356,655	290,932,185	0.8%
SONIA	15	0	0.0%	0	0.0%	349	1,310	-73.4%
<b>Interest Rate Options</b>								
EURODOLLARS	0	651,883	-100.0%	0	0.0%	0	8,555,737	-100.0%
EURO MIDCURVE	0	32,932	-100.0%	0	0.0%	0	597,753	-100.0%
SOFR	25,492,186	24,825,051	2.7%	21,975,400	16.0%	127,621,299	148,290,579	-13.9%
SOFR MIDCURVE	5,449,913	3,671,896	48.4%	5,484,280	-0.6%	25,546,852	30,783,979	-17.0%
SOFR MISCURVE	0	0	0.0%	750	-100.0%	750	700	7.1%

## CME Exchange Volume Report - Monthly

	VOLUME APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>Equity Index Futures</b>								
AIR	168,009	37,283	350.6%	209,752	-19.9%	675,935	347,091	94.7%
BITCOIN	308,080	184,551	66.9%	361,539	-14.8%	1,296,444	871,788	48.7%
E-mini FTSE China 50	0	0	0.0%	0	0.0%	0	44	-100.0%
E-MINI MIDCAP	270,677	193,076	40.2%	340,190	-20.4%	1,102,784	1,119,795	-1.5%
E-MINI NASDAQ 100	15,771,712	11,689,411	34.9%	14,821,880	6.4%	57,660,129	54,252,719	6.3%
E-MINI RUSSELL 1000	3,967	1,777	123.2%	15,647	-74.6%	24,964	36,881	-32.3%
E-MINI RUSSELL 1000 GROWTH	2,509	1,335	87.9%	20,394	-87.7%	33,494	21,007	59.4%
E-MINI RUSSELL 1000 VALUE	9,750	10,868	-10.3%	67,425	-85.5%	102,544	59,514	72.3%
E-MINI RUSSELL 2000	4,617,337	3,168,826	45.7%	4,989,015	-7.4%	18,755,276	17,932,940	4.6%
E-MINI S&P500	37,767,012	29,227,882	29.2%	38,899,360	-2.9%	138,937,813	155,576,475	-10.7%
E-MINI S&P500 ESG	13,274	13,775	-3.6%	78,029	-83.0%	118,451	90,420	31.0%
ETHER	0	0	0.0%	0	-	0	0	0.0%
ETHER FUTURES	92,278	106,026	-13.0%	111,042	-16.9%	462,197	472,392	-2.2%
FT-SE 100	0	30	-100.0%	0	0.0%	0	175	-100.0%
IBOVESPA INDEX	0	18	-100.0%	0	0.0%	42	132	-68.2%
MICRO BITCOIN	801,173	242,303	230.6%	1,226,430	-34.7%	3,015,846	859,342	250.9%
MICRO E-MINI NASDAQ 100	33,610,605	17,515,475	91.9%	27,934,799	20.3%	110,608,466	89,178,143	24.0%
MICRO E-MINI RUSSELL 2000	1,833,623	1,317,047	39.2%	1,524,907	20.2%	7,307,227	6,787,113	7.7%
MICRO E-MINI S&P500	23,258,415	17,354,035	34.0%	17,234,439	35.0%	72,446,946	97,340,793	-25.6%
MICRO ETHER	521,924	270,097	93.2%	477,139	9.4%	1,846,462	889,638	107.6%
NASDAQ-100 VOLATILITY	0	10	-100.0%	0	0.0%	0	3,202	-100.0%
NASDAQ BIOTECH SECTOR	121	236	-48.7%	14	764.3%	154	1,032	-85.1%
Nearby BTIC+	0	0	0.0%	0	-	0	0	0.0%
NIKKEI 225 (\$) STOCK	198,550	63,354	213.4%	228,516	-13.1%	753,083	373,466	101.6%
NIKKEI 225 (YEN) STOCK	650,172	390,842	66.4%	722,742	-10.0%	2,583,373	2,190,174	18.0%
PHLX SEMICONDUCTOR SECTO	2,642	584	352.4%	4,131	-36.0%	7,474	1,501	397.9%
S&P 500	1,765	7,899	-77.7%	4,262	-58.6%	11,983	51,706	-76.8%
S&P 500 ANNUAL DIVIDEND IND	102,351	58,210	75.8%	58,352	75.4%	291,042	303,542	-4.1%
S&P 500 QUARLY DIVIDEND IND	13,355	16,973	-21.3%	16,942	-21.2%	55,009	75,026	-26.7%
S&P 600 SMALLCAP EMINI	1,586	0	-	2,197	-27.8%	5,059	0	-
S&P BIOTECHNOLOGY SECTOR	394	2,915	-86.5%	892	-55.8%	2,158	5,766	-62.6%
S&P COMMUNICATION SERVICE	5,728	4,340	32.0%	20,439	-72.0%	37,419	17,756	110.7%
S&P CONSUMER DISCRETIONAF	15,901	7,398	114.9%	21,689	-26.7%	54,603	37,304	46.4%
S&P CONSUMER STAPLES SECT	35,273	22,479	56.9%	63,763	-44.7%	151,997	127,122	19.6%
S&P ENERGY SECTOR	34,887	29,684	17.5%	77,935	-55.2%	165,843	173,138	-4.2%
S&P FINANCIAL SECTOR	21,984	28,544	-23.0%	121,603	-81.9%	181,542	214,124	-15.2%
S&P HEALTH CARE SECTOR	18,899	12,050	56.8%	31,400	-39.8%	73,441	100,702	-27.1%
S&P INDUSTRIAL SECTOR	10,001	9,443	5.9%	25,938	-61.4%	66,146	99,299	-33.4%
S&P MATERIALS SECTOR	16,793	3,944	325.8%	32,022	-47.6%	67,006	41,129	62.9%
S&P OIL & GAS EXPLORATION A	119	133	-10.5%	72	65.3%	688	938	-26.7%
S&P REAL ESTATE SECTOR	15,322	4,380	249.8%	37,612	-59.3%	85,897	46,714	83.9%
S&P REGIONAL BANKS SECTOR	523	1,807	-71.1%	2,161	-75.8%	4,027	4,106	-1.9%
S&P RETAIL SECTOR	670	86	679.1%	400	67.5%	1,707	1,451	17.6%
S&P TECHNOLOGY SECTOR	13,693	7,180	90.7%	35,738	-61.7%	71,067	73,835	-3.7%
S&P UTILITIES SECTOR	36,422	16,436	121.6%	97,022	-62.5%	211,218	178,913	18.1%
TOPIX (USD)	20	0	0.0%	25	-20.0%	331	139	138.1%
TOPIX (YEN)	1,381	74	1,766.2%	3,290	-58.0%	6,512	983	562.5%
WATER INDEX FUTURES	25	14	78.6%	12	108.3%	75	84	-10.7%

## CME Exchange Volume Report - Monthly

	VOLUME APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>Equity Index Options</b>								
BITCOIN OPTIONS	6,715	7,592	-11.6%	8,635	-22.2%	28,594	34,137	-16.2%
E-MINI NASDAQ 100	2,035,578	907,085	124.4%	1,728,746	17.7%	7,196,553	4,198,283	71.4%
E-MINI RUSSELL 2000	396,377	167,901	136.1%	289,989	36.7%	1,330,378	546,265	143.5%
E-MINI S&P500	38,498,930	19,122,962	101.3%	30,596,653	25.8%	135,869,771	97,416,636	39.5%
ETHER OPTIONS	2,556	1,505	69.8%	2,986	-14.4%	13,605	4,722	188.1%
EVENT CONTRACT S&P 500	1,440	12,763	-88.7%	3,213	-55.2%	8,484	14,502	-41.5%
MICRO BITCOIN	8,759	11,078	-20.9%	9,741	-10.1%	33,901	40,530	-16.4%
MICRO E-MINI NASDAQ 100	95,360	41,434	130.1%	59,051	61.5%	283,297	212,123	33.6%
Micro E-mini S&P 500	354,430	172,052	106.0%	257,062	37.9%	1,260,874	1,022,991	23.3%
MICRO ETHER	12,743	13,782	-7.5%	14,794	-13.9%	74,247	44,372	67.3%
S&P 500	61,427	0	-	10,475	486.4%	92,767	0	-
<b>FX Futures</b>								
AD/CD CROSS RATES	0	2	-100.0%	0	0.0%	7	153	-95.4%
AD/JY CROSS RATES	3,268	1,297	152.0%	4,898	-33.3%	10,310	7,741	33.2%
AD/NE CROSS RATES	5,780	2,989	93.4%	23,667	-75.6%	32,538	11,164	191.5%
AUSTRALIAN DOLLAR	2,444,299	1,407,938	73.6%	2,428,781	0.6%	8,802,281	7,644,511	15.1%
BP/JY CROSS RATES	1,817	1,241	46.4%	8,959	-79.7%	14,821	14,808	0.1%
BP/SF CROSS RATES	2,751	3,362	-18.2%	13,197	-79.2%	23,059	13,765	67.5%
BRAZIL REAL	527,803	241,146	118.9%	359,927	46.6%	1,670,166	1,138,161	46.7%
BRITISH POUND	2,494,469	1,624,791	53.5%	2,704,491	-7.8%	9,187,380	8,303,047	10.7%
CANADIAN DOLLAR	2,108,815	1,351,586	56.0%	2,319,151	-9.1%	7,471,214	6,889,770	8.4%
CD/JY CROSS RATES	162	0	0.0%	83	95.2%	323	6	5,283.3%
CHILEAN PESO	0	0	0.0%	0	0.0%	0	3	-100.0%
CHINESE RENMINBI (CNH)	44,838	11,119	303.3%	54,605	-17.9%	231,131	98,724	134.1%
CZECK KORUNA (EC)	1	0	0.0%	0	0.0%	1	4	-75.0%
CZECK KORUNA (US)	217	3	7,133.3%	248	-12.5%	1,182	220	437.3%
EC/AD CROSS RATES	1,178	2,582	-54.4%	7,362	-84.0%	11,288	18,055	-37.5%
EC/CD CROSS RATES	1,102	3,588	-69.3%	13,296	-91.7%	17,781	25,601	-30.5%
EC/NOK CROSS RATES	1,966	384	412.0%	2,233	-12.0%	4,900	9,098	-46.1%
EC/SEK CROSS RATES	629	454	38.5%	2,680	-76.5%	4,355	19,533	-77.7%
EFX/BP CROSS RATES	46,052	27,629	66.7%	129,092	-64.3%	275,246	221,531	24.2%
EFX/JY CROSS RATES	48,414	24,272	99.5%	126,849	-61.8%	259,320	184,651	40.4%
EFX/SF CROSS RATES	22,399	9,794	128.7%	73,923	-69.7%	153,197	97,148	57.7%
E-MICRO USD/CAD	0	106	-100.0%	44	-100.0%	69	700	-90.1%
E-MICRO USD/CHF	0	430	-100.0%	85	-100.0%	166	935	-82.2%
E-MICRO USD/JPY	0	4,815	-100.0%	1,251	-100.0%	4,450	8,739	-49.1%
E-MINI EURO FX	83,243	103,483	-19.6%	90,768	-8.3%	391,300	562,019	-30.4%
E-MINI JAPANESE YEN	20,310	7,232	180.8%	17,906	13.4%	66,158	44,122	49.9%
EURO FX	4,668,386	3,403,042	37.2%	5,944,784	-21.5%	19,343,422	18,685,316	3.5%
HUNGARIAN FORINT (EC)	16	0	0.0%	7	128.6%	27	13	107.7%
HUNGARIAN FORINT (US)	390	23	1,595.7%	901	-56.7%	3,069	69	4,347.8%
INDIAN RUPEE	24,913	19,800	25.8%	16,486	51.1%	77,778	128,609	-39.5%
JAPANESE YEN	3,744,009	2,805,802	33.4%	4,397,424	-14.9%	14,390,432	13,070,480	10.1%
KOREAN WON	1,526	3,467	-56.0%	2,485	-38.6%	8,624	5,451	58.2%
MEXICAN PESO	1,796,622	910,589	97.3%	2,030,485	-11.5%	6,270,973	5,129,822	22.2%
MICRO AUD/USD	367,962	238,337	54.4%	230,414	59.7%	1,151,818	1,145,761	0.5%
MICRO CAD/USD	73,508	39,550	85.9%	46,455	58.2%	220,548	240,519	-8.3%
MICRO CHF/USD	16,186	9,905	63.4%	16,363	-1.1%	59,697	60,392	-1.2%

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 Report - Monthly

	VOLUME APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>FX Futures</b>								
MICRO EUR/USD	564,499	540,156	4.5%	445,588	26.7%	2,191,932	2,749,615	-20.3%
MICRO GBP/USD	112,064	53,844	108.1%	79,312	41.3%	367,444	284,145	29.3%
MICRO INR/USD	147	430	-65.8%	97	51.5%	500	2,322	-78.5%
MICRO JPY/USD	1,525	0	0.0%	1,165	30.9%	2,701	0	0.0%
MICRO USD/CNH	0	0	0.0%	0	-	0	0	0.0%
NEW ZEALND DOLLAR	675,916	535,882	26.1%	756,447	-10.6%	2,755,991	2,439,398	13.0%
NKR/USD CROSS RATE	5,216	3,604	44.7%	10,535	-50.5%	22,040	18,357	20.1%
POLISH ZLOTY (EC)	23	3	666.7%	119	-80.7%	180	243	-25.9%
POLISH ZLOTY (US)	964	1,046	-7.8%	3,598	-73.2%	6,773	4,524	49.7%
RMB USD	0	0	0.0%	0	0.0%	0	5	-100.0%
RUSSIAN RUBLE	0	0	0.0%	0	-	0	0	0.0%
S.AFRICAN RAND	104,785	36,000	191.1%	107,739	-2.7%	356,937	270,315	32.0%
SF/JY CROSS RATES	1,377	558	146.8%	3,793	-63.7%	6,117	3,483	75.6%
SHEKEL	188	51	268.6%	361	-47.9%	1,089	305	257.0%
SKR/USD CROSS RATES	10,308	2,977	246.3%	8,731	18.1%	28,921	19,431	48.8%
SWISS FRANC	633,521	394,135	60.7%	793,687	-20.2%	2,366,056	1,744,387	35.6%
TURKISH LIRA	0	0	0.0%	104	-100.0%	104	131	-20.6%
USDZAR	0	0	0.0%	0	0.0%	0	97	-100.0%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	18	54	-66.7%	232	-92.2%	472	445	6.1%
AUD/USD MONDAY OPTION WEE	215	132	62.9%	60	258.3%	420	2,054	-79.6%
AUD/USD MONDAY OPTION WEE	14	137	-89.8%	49	-71.4%	80	1,007	-92.1%
AUD/USD MONDAY OPTION WEE	27	140	-80.7%	109	-75.2%	353	1,082	-67.4%
AUD/USD MONDAY OPTION WEE	59	0	0.0%	0	0.0%	213	315	-32.4%
AUD/USD MONTHLY OPTIONS	72,056	70,049	2.9%	171,738	-58.0%	385,437	226,881	69.9%
AUD/USD THURSDAY WKLY OPT	14	12	16.7%	15	-6.7%	110	72	52.8%
AUD/USD THURSDAY WKLY OPT	12	7	71.4%	45	-73.3%	637	52	1,125.0%
AUD/USD THURSDAY WKLY OPT	479	50	858.0%	679	-29.5%	1,200	1,104	8.7%
AUD/USD THURSDAY WKLY OPT	8	71	-88.7%	0	0.0%	49	380	-87.1%
AUD/USD THURSDAY WKLY OPT	0	0	0.0%	0	0.0%	6	11	-45.5%
AUD/USD TUESDAY WKLY OPT	45	50	-10.0%	19	136.8%	95	182	-47.8%
AUD/USD TUESDAY WKLY OPT	10	76	-86.8%	251	-96.0%	306	1,071	-71.4%
AUD/USD TUESDAY WKLY OPT	135	71	90.1%	16	743.8%	358	338	5.9%
AUD/USD TUESDAY WKLY OPT	6	132	-95.5%	70	-91.4%	210	290	-27.6%
AUD/USD TUESDAY WKLY OPT	21	0	0.0%	0	0.0%	207	105	97.1%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	7	-100.0%	2,123	0	0.0%
AUD/USD WKLY FRIDAY OPTION	3,463	1,149	201.4%	883	292.2%	4,529	8,045	-43.7%
AUD/USD WKLY FRIDAY OPTION	2,517	1,357	85.5%	1,778	41.6%	8,513	7,678	10.9%
AUD/USD WKLY FRIDAY OPTION	1,336	3,128	-57.3%	902	48.1%	5,630	8,594	-34.5%
AUD/USD WKLY FRIDAY OPTION	249	0	0.0%	1,183	-79.0%	2,040	1,267	61.0%
AUD/USD WKLY WED OPTIONS -	585	298	96.3%	204	186.8%	840	797	5.4%
AUD/USD WKLY WED OPTIONS -	429	452	-5.1%	104	312.5%	631	997	-36.7%
AUD/USD WKLY WED OPTIONS -	610	252	142.1%	138	342.0%	1,353	1,105	22.4%
AUD/USD WKLY WED OPTIONS -	338	399	-15.3%	178	89.9%	1,487	1,520	-2.2%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	34	310	-89.0%
AUD/USD WKLY WED OPTIONS -	0	200	-100.0%	1	-100.0%	2	205	-99.0%
CAD/USD MONDAY OPTIONS WE	11	1,073	-99.0%	1,137	-99.0%	3,443	3,627	-5.1%
CAD/USD MONDAY OPTIONS WE	413	783	-47.3%	548	-24.6%	1,967	6,056	-67.5%
CAD/USD MONDAY OPTIONS WE	1,535	109	1,308.3%	231	564.5%	2,183	3,610	-39.5%

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 Report - Monthly

	VOLUME APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>FX Options</b>								
CAD/USD MONDAY OPTIONS WE	569	1,105	-48.5%	489	16.4%	3,317	3,846	-13.8%
CAD/USD MONDAY OPTIONS WE	2,491	0	0.0%	0	0.0%	3,021	247	1,123.1%
CAD/USD MONTHLY OPTIONS	43,648	27,363	59.5%	33,777	29.2%	140,517	273,569	-48.6%
CAD/USD THURSDAY WKLY OPT	1,336	0	0.0%	263	408.0%	2,644	595	344.4%
CAD/USD THURSDAY WKLY OPT	1,412	4	35,200.0%	248	469.4%	1,995	623	220.2%
CAD/USD THURSDAY WKLY OPT	340	935	-63.6%	360	-5.6%	2,418	1,364	77.3%
CAD/USD THURSDAY WKLY OPT	84	21	300.0%	0	0.0%	1,955	1,365	43.2%
CAD/USD THURSDAY WKLY OPT	0	0	0.0%	0	0.0%	634	1,586	-60.0%
CAD/USD TUESDAY WKLY OPT	1	624	-99.8%	42	-97.6%	469	1,202	-61.0%
CAD/USD TUESDAY WKLY OPT	846	110	669.1%	999	-15.3%	2,209	3,070	-28.0%
CAD/USD TUESDAY WKLY OPT	131	456	-71.3%	0	0.0%	478	1,415	-66.2%
CAD/USD TUESDAY WKLY OPT	148	18	722.2%	519	-71.5%	1,650	224	636.6%
CAD/USD TUESDAY WKLY OPT	243	0	0.0%	0	0.0%	423	76	456.6%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	6	-100.0%	12,745	0	0.0%
CAD/USD WKLY FRIDAY OPTION	6,853	1,658	313.3%	1,548	342.7%	10,189	12,009	-15.2%
CAD/USD WKLY FRIDAY OPTION	4,606	1,945	136.8%	4,219	9.2%	13,443	10,450	28.6%
CAD/USD WKLY FRIDAY OPTION	6,447	3,301	95.3%	1,253	414.5%	13,434	14,529	-7.5%
CAD/USD WKLY FRIDAY OPTION	382	0	0.0%	6,308	-93.9%	9,266	5,073	82.7%
CAD/USD WKLY WED OPTIONS -	3,319	1,372	141.9%	1,159	186.4%	5,450	3,956	37.8%
CAD/USD WKLY WED OPTIONS -	666	853	-21.9%	170	291.8%	2,425	3,028	-19.9%
CAD/USD WKLY WED OPTIONS -	2,109	237	789.9%	140	1,406.4%	5,207	4,552	14.4%
CAD/USD WKLY WED OPTIONS -	1,479	991	49.2%	1,115	32.6%	3,242	6,339	-48.9%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	1,028	889	15.6%
CHF/USD MONTHLY OPTIONS	13,340	5,168	158.1%	11,008	21.2%	44,568	23,215	92.0%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	28	-100.0%	421	0	0.0%
CHF/USD WKLY FRIDAY OPTION	280	720	-61.1%	920	-69.6%	1,513	1,534	-1.4%
CHF/USD WKLY FRIDAY OPTION	176	614	-71.3%	1,126	-84.4%	10,477	1,079	871.0%
CHF/USD WKLY FRIDAY OPTION	458	509	-10.0%	1,339	-65.8%	6,396	4,804	33.1%
CHF/USD WKLY FRIDAY OPTION	101	0	0.0%	260	-61.2%	365	342	6.7%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION WEE	1,762	1,722	2.3%	8,250	-78.6%	18,789	8,666	116.8%
EUR/USD MONDAY OPTION WEE	4,549	866	425.3%	4,067	11.9%	15,023	6,973	115.4%
EUR/USD MONDAY OPTION WEE	3,327	730	355.8%	3,818	-12.9%	9,539	5,480	74.1%
EUR/USD MONDAY OPTION WEE	1,920	706	172.0%	2,325	-17.4%	9,717	7,325	32.7%
EUR/USD MONDAY OPTION WEE	5,859	0	0.0%	0	0.0%	7,411	955	676.0%
EUR/USD MONTHLY OPTIONS	258,894	198,450	30.5%	173,085	49.6%	920,779	1,118,429	-17.7%
EUR/USD THURSDAY WKLY OPT	204	661	-69.1%	1,056	-80.7%	4,517	1,031	338.1%
EUR/USD THURSDAY WKLY OPT	617	1,806	-65.8%	308	100.3%	1,397	3,749	-62.7%
EUR/USD THURSDAY WKLY OPT	3,189	95	3,256.8%	611	421.9%	4,123	390	957.2%
EUR/USD THURSDAY WKLY OPT	246	683	-64.0%	0	0.0%	1,907	5,318	-64.1%
EUR/USD THURSDAY WKLY OPT	0	0	0.0%	0	0.0%	767	12	6,291.7%
EUR/USD TUESDAY WKLY OPT	133	29	358.6%	1,105	-88.0%	2,433	611	298.2%
EUR/USD TUESDAY WKLY OPT	405	16	2,431.3%	424	-4.5%	1,742	541	222.0%
EUR/USD TUESDAY WKLY OPT	2,464	86	2,765.1%	1,274	93.4%	4,890	2,095	133.4%
EUR/USD TUESDAY WKLY OPT	572	30	1,806.7%	296	93.2%	2,644	3,042	-13.1%
EUR/USD TUESDAY WKLY OPT	584	0	0.0%	0	0.0%	1,378	128	976.6%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	309	-100.0%	27,599	0	0.0%
EUR/USD WKLY FRIDAY OPTION	40,781	17,051	139.2%	7,298	458.8%	67,548	79,731	-15.3%
EUR/USD WKLY FRIDAY OPTION	33,445	7,699	334.4%	21,438	56.0%	110,476	86,714	27.4%
EUR/USD WKLY FRIDAY OPTION	21,373	10,145	110.7%	20,686	3.3%	79,287	147,789	-46.4%
EUR/USD WKLY FRIDAY OPTION	104	0	0.0%	21,655	-99.5%	22,226	8,265	168.9%

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 APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>FX Options</b>								
EUR/USD WKLY WED OPTIONS -	5,056	7,211	-29.9%	7,472	-32.3%	22,633	18,180	24.5%
EUR/USD WKLY WED OPTIONS -	3,505	5,103	-31.3%	5,001	-29.9%	19,570	25,975	-24.7%
EUR/USD WKLY WED OPTIONS -	4,978	4,256	17.0%	5,252	-5.2%	18,868	20,678	-8.8%
EUR/USD WKLY WED OPTIONS -	4,082	5,816	-29.8%	6,003	-32.0%	19,779	18,816	5.1%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	5,823	6,668	-12.7%
EVENT CONTRACT EUR/USD	2,198	5,728	-61.6%	2,301	-4.5%	9,979	16,517	-39.6%
GBP/USD MONDAY OPTION WEE	63	346	-81.8%	937	-93.3%	5,014	3,189	57.2%
GBP/USD MONDAY OPTION WEE	1,054	821	28.4%	217	385.7%	2,956	4,530	-34.7%
GBP/USD MONDAY OPTION WEE	957	477	100.6%	351	172.6%	1,393	2,022	-31.1%
GBP/USD MONDAY OPTION WEE	267	604	-55.8%	513	-48.0%	3,449	1,262	173.3%
GBP/USD MONDAY OPTION WEE	5,376	0	0.0%	0	0.0%	6,784	400	1,596.0%
GBP/USD MONTHLY OPTIONS	118,652	49,088	141.7%	77,698	52.7%	300,540	243,181	23.6%
GBP/USD THURSDAY WKLY OPT	778	400	94.5%	321	142.4%	1,629	996	63.6%
GBP/USD THURSDAY WKLY OPT	110	61	80.3%	65	69.2%	373	512	-27.1%
GBP/USD THURSDAY WKLY OPT	873	912	-4.3%	1,217	-28.3%	2,228	1,403	58.8%
GBP/USD THURSDAY WKLY OPT	418	116	260.3%	0	0.0%	498	468	6.4%
GBP/USD THURSDAY WKLY OPT	0	0	0.0%	0	0.0%	40	61	-34.4%
GBP/USD TUESDAY WKLY OPT	20	193	-89.6%	19	5.3%	80	785	-89.8%
GBP/USD TUESDAY WKLY OPT	10	954	-99.0%	424	-97.6%	898	1,518	-40.8%
GBP/USD TUESDAY WKLY OPT	468	2	23,300.0%	5	9,260.0%	628	560	12.1%
GBP/USD TUESDAY WKLY OPT	62	119	-47.9%	11	463.6%	107	827	-87.1%
GBP/USD TUESDAY WKLY OPT	107	0	0.0%	0	0.0%	134	225	-40.4%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	13	-100.0%	5,238	0	0.0%
GBP/USD WKLY FRIDAY OPTION	6,165	5,395	14.3%	2,442	152.5%	10,368	15,450	-32.9%
GBP/USD WKLY FRIDAY OPTION	13,490	8,804	53.2%	16,274	-17.1%	34,493	17,317	99.2%
GBP/USD WKLY FRIDAY OPTION	8,256	1,806	357.1%	8,947	-7.7%	24,761	7,058	250.8%
GBP/USD WKLY FRIDAY OPTION	409	0	0.0%	15,418	-97.3%	15,894	2,925	443.4%
GBP/USD WKLY WED OPTIONS -	2,048	1,864	9.9%	577	254.9%	4,882	3,484	40.1%
GBP/USD WKLY WED OPTIONS -	66	323	-79.6%	1,015	-93.5%	1,976	5,456	-63.8%
GBP/USD WKLY WED OPTIONS -	12,059	327	3,587.8%	831	1,351.1%	13,346	4,106	225.0%
GBP/USD WKLY WED OPTIONS -	1,128	175	544.6%	498	126.5%	2,189	2,068	5.9%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	1,723	93	1,752.7%
JPY/USD MONDAY OPTION WEE	1,645	334	392.5%	4,781	-65.6%	10,830	3,282	230.0%
JPY/USD MONDAY OPTION WEE	4,379	741	491.0%	436	904.4%	7,449	8,818	-15.5%
JPY/USD MONDAY OPTION WEE	2,527	54	4,579.6%	1,851	36.5%	4,642	1,733	167.9%
JPY/USD MONDAY OPTION WEE	1,785	884	101.9%	564	216.5%	3,020	2,384	26.7%
JPY/USD MONDAY OPTION WEE	2,156	0	0.0%	0	0.0%	2,391	1,047	128.4%
JPY/USD MONTHLY OPTIONS	180,487	63,523	184.1%	153,255	17.8%	547,351	367,466	49.0%
JPY/USD THURSDAY WKLY OPT	1,406	3	46,766.7%	796	76.6%	7,990	72	10,997.2%
JPY/USD THURSDAY WKLY OPT	54	6	800.0%	132	-59.1%	938	68	1,279.4%
JPY/USD THURSDAY WKLY OPT	85	17	400.0%	1,753	-95.2%	2,378	136	1,648.5%
JPY/USD THURSDAY WKLY OPT	2,414	27	8,840.7%	0	0.0%	4,343	74	5,768.9%
JPY/USD THURSDAY WKLY OPT	0	0	0.0%	0	0.0%	27	157	-82.8%
JPY/USD TUESDAY WKLY OPT W	13	20	-35.0%	2,502	-99.5%	2,964	49	5,949.0%
JPY/USD TUESDAY WKLY OPT W	317	216	46.8%	16	1,881.3%	785	2,260	-65.3%
JPY/USD TUESDAY WKLY OPT W	65	2	3,150.0%	2,519	-97.4%	2,884	77	3,645.5%
JPY/USD TUESDAY WKLY OPT W	238	103	131.1%	33	621.2%	2,094	892	134.8%
JPY/USD TUESDAY WKLY OPT W	1,140	0	0.0%	0	0.0%	1,743	5	34,760.0%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	24	-100.0%	20,039	0	0.0%
JPY/USD WKLY FRIDAY OPTION	21,663	4,809	350.5%	7,053	207.1%	35,029	29,024	20.7%
JPY/USD WKLY FRIDAY OPTION	21,512	7,179	199.7%	7,957	170.4%	42,847	37,233	15.1%

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 APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>FX Options</b>								
JPY/USD WKLY FRIDAY OPTION	16,734	9,117	83.5%	7,078	136.4%	47,353	26,734	77.1%
JPY/USD WKLY FRIDAY OPTION	390	0	0.0%	11,195	-96.5%	12,036	4,643	159.2%
JPY/USD WKLY WED OPTIONS -	8,724	3,239	169.3%	7,301	19.5%	31,497	12,031	161.8%
JPY/USD WKLY WED OPTIONS -	7,015	2,238	213.4%	3,108	125.7%	15,345	11,216	36.8%
JPY/USD WKLY WED OPTIONS -	4,931	2,507	96.7%	7,084	-30.4%	18,633	15,486	20.3%
JPY/USD WKLY WED OPTIONS -	8,782	1,955	349.2%	8,849	-0.8%	25,101	11,340	121.3%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	2,585	1,298	99.2%
MXN/USD MONTHLY OPTIONS	28,208	344	8,100.0%	13,087	115.5%	50,346	1,138	4,324.1%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	1	0	-
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	0.0%
MXN/USD WKLY FRIDAY OPTION	400	0	-	149	168.5%	549	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	8	-100.0%	8	0	-
NZD/USD MONTHLY OPTIONS	1	519	-99.8%	20	-95.0%	203	74,077	-99.7%
NZD/USD WKLY FRIDAY OPTION	0	1	-100.0%	0	0.0%	0	2	-100.0%
USD/CNH MONTHLY OPTIONS	1,565	0	-	70	2,135.7%	1,665	0	-
USD/CNH WEEKLY FRIDAY OPTI	0	34	-100.0%	0	0.0%	0	34	-100.0%
ZAR/USD MONTHLY OPTIONS	0	0	0.0%	1	-100.0%	1	730	-99.9%
<b>Ag Products Futures</b>								
BLOCK CHEESE	233	205	13.7%	978	-76.2%	2,438	1,183	106.1%
BUTTER CS	4,000	2,768	44.5%	4,261	-6.1%	19,038	13,439	41.7%
CASH-SETTLED CHEESE	15,095	12,994	16.2%	16,131	-6.4%	63,282	49,005	29.1%
CAT EURO SEASONAL STRIP	500	0	-	0	-	500	0	-
CATTLE	1,498,074	1,059,419	41.4%	1,438,467	4.1%	5,466,358	5,186,759	5.4%
CDD SEASONAL STRIP	3,500	1,250	180.0%	0	0.0%	3,650	3,700	-1.4%
CDD WEATHER	3,750	500	650.0%	0	0.0%	3,750	500	650.0%
CLASS IV MILK	3,145	396	694.2%	1,515	107.6%	9,297	2,577	260.8%
DRY WHEY	1,268	1,540	-17.7%	1,257	0.9%	5,175	4,717	9.7%
FEEDER CATTLE	408,897	367,492	11.3%	355,844	14.9%	1,436,746	1,390,195	3.3%
GOLDMAN SACHS	1,993	1,821	9.4%	2,410	-17.3%	7,598	9,900	-23.3%
GSCI EXCESS RETURN FUT	3,172	1,646	92.7%	68,900	-95.4%	76,692	81,267	-5.6%
HDD EURO SEASONAL STRIP	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%
HDD WEATHER	0	0	0.0%	500	-100.0%	5,650	2,000	182.5%
HDD WEATHER EUROPEAN	0	0	0.0%	100	-100.0%	5,750	7,500	-23.3%
HOGS	1,235,346	787,400	56.9%	1,204,288	2.6%	4,770,017	4,002,951	19.2%
HOUSING INDEX	10	11	-9.1%	11	-9.1%	78	64	21.9%
LUMBER	35,315	13,611	159.5%	21,275	66.0%	94,352	52,348	80.2%
MALAYSIAN PALM SWAP	0	0	0.0%	0	-	0	0	0.0%
MILK	51,153	25,564	100.1%	41,989	21.8%	171,475	105,362	62.7%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	4,854	3,898	24.5%	5,924	-18.1%	21,419	22,397	-4.4%
OTC SP GSCI ER SWAP	17,981	17,981	0.0%	0	0.0%	56,430	56,430	0.0%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	47	1,811	-97.4%	46	2.2%	869	5,354	-83.8%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	-	0	0	0.0%
USD CRUDE PALM OIL	27,570	28,190	-2.2%	25,730	7.2%	94,530	121,204	-22.0%

## CME Exchange Volume Report - Monthly

	VOLUME APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>Ag Products Options</b>								
BLOCK CHEESE	688	199	245.7%	796	-13.6%	3,264	707	361.7%
BUTTER CS	3,092	1,989	55.5%	2,594	19.2%	16,037	7,396	116.8%
CASH-SETTLED CHEESE	5,760	5,444	5.8%	6,913	-16.7%	27,117	22,514	20.4%
CAT EURO SEASONAL STRIP	1,000	0	-	0	-	1,000	0	-
CATTLE	597,834	266,506	124.3%	433,073	38.0%	2,062,958	1,069,629	92.9%
CDD SEASONAL STRIP	5,000	19,500	-74.4%	18,500	-73.0%	37,500	40,500	-7.4%
CDD WEATHER	3,500	5,000	-30.0%	5,000	-30.0%	8,500	59,000	-85.6%
CLASS IV MILK	7,863	4,124	90.7%	6,632	18.6%	29,038	25,111	15.6%
DRY WHEY	144	10	1,340.0%	690	-79.1%	1,551	73	2,024.7%
FEEDER CATTLE	89,917	49,329	82.3%	64,861	38.6%	294,088	232,122	26.7%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	3,000	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	12,122	0	0.0%
HDD WEATHER	0	0	0.0%	0	0.0%	23,000	29,700	-22.6%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	0	20,000	-100.0%
HOGS	404,342	205,019	97.2%	313,655	28.9%	1,540,896	1,056,938	45.8%
LUMBER	1,371	127	979.5%	640	114.2%	3,387	881	284.4%
LV CATL CSO	0	0	0.0%	0	0.0%	0	30	-100.0%
MILK	35,438	17,326	104.5%	26,190	35.3%	102,398	89,211	14.8%
MLK MID OPTIONS	4	1	300.0%	0	0.0%	5	12	-58.3%
NFD MILK	2,919	3,448	-15.3%	3,127	-6.7%	13,610	18,711	-27.3%
PACIFIC RIM DAT SS WTHR	0	0	-	0	0.0%	0	0	-
PORK CUTOUT	0	5	-100.0%	0	0.0%	0	7	-100.0%

## CME Exchange Volume Report - Monthly

	VOLUME APR 2024	VOLUME APR 2023	% CHG	VOLUME MAR 2024	% CHG	VOLUME Y.T.D 2024	VOLUME Y.T.D 2023	% CHG
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	74,929,189	50,009,937	49.8%	64,830,599	15.6%	294,730,108	318,670,796	-7.5%
Equity Index Futures	120,248,922	82,022,830	46.6%	109,921,156	9.4%	419,283,874	429,959,554	-2.5%
FX Futures	20,663,564	13,829,444	49.4%	23,280,576	-11.2%	78,265,816	71,317,399	9.7%
Ag Products Futures	3,315,903	2,328,497	42.4%	3,189,626	4.0%	12,315,094	11,118,852	10.8%
<b>TOTAL FUTURES</b>	<b>219,157,578</b>	<b>148,190,708</b>	<b>47.9%</b>	<b>201,221,957</b>	<b>8.9%</b>	<b>804,594,892</b>	<b>831,066,601</b>	<b>-3.2%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	41,474,315	20,458,154	102.7%	32,981,345	25.8%	146,192,471	103,534,561	41.2%
Interest Rate Options	30,942,099	29,181,762	6.0%	27,460,430	12.7%	153,168,901	188,228,748	-18.6%
FX Options	1,067,789	567,733	88.1%	911,322	17.2%	3,484,359	3,187,661	9.3%
Ag Products Options	1,158,872	578,027	100.5%	882,671	31.3%	4,179,471	2,672,542	56.4%
<b>TOTAL OPTIONS</b>	<b>74,643,075</b>	<b>50,785,676</b>	<b>47.0%</b>	<b>62,235,768</b>	<b>19.9%</b>	<b>307,025,202</b>	<b>297,623,512</b>	<b>3.2%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	105,871,288	79,191,699	33.7%	92,291,029	14.7%	447,899,009	506,899,544	-11.6%
Equity Index	161,723,237	102,480,984	57.8%	142,902,501	13.2%	565,476,345	533,494,115	6.0%
FX	21,731,353	14,397,177	50.9%	24,191,898	-10.2%	81,750,175	74,505,060	9.7%
Ag Products	4,474,775	2,906,524	54.0%	4,072,297	9.9%	16,494,565	13,791,394	19.6%
<b>GRAND TOTAL</b>	<b>293,800,653</b>	<b>198,976,384</b>	<b>47.7%</b>	<b>263,457,725</b>	<b>11.5%</b>	<b>1,111,620,094</b>	<b>1,128,690,113</b>	<b>-1.5%</b>