

## CME Exchange Volume Report - Monthly

	VOLUME APR 2022	VOLUME APR 2021	% CHG	VOIUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>								
1-MONTH EURODOLLAR	4,533	0	0.0%	34,022	-86.7%	62,955	0	0.0%
BSBY 3-MONTH FUTURES	66,049	0	-	62,443	5.8%	363,204	0	-
EURODOLLARS	35,003,357	38,424,170	-8.9%	59,324,633	-41.0%	204,121,905	204,055,885	0.0%
SOFR	28,148,059	2,342,470	1,101.6%	36,802,339	-23.5%	102,522,668	9,146,086	1,020.9%
SONIA	12	92,264	-100.0%	44	-72.7%	1,046	554,379	-99.8%
TIIE	60	0	-	113	-46.9%	493	0	-
<b>Interest Rate Options</b>								
EURODOLLARS	9,723,073	3,297,709	194.8%	19,450,002	-50.0%	65,050,018	18,061,471	260.2%
EURO MIDCURVE	6,518,395	15,310,351	-57.4%	14,365,519	-54.6%	43,511,943	67,985,335	-36.0%
SOFR	965,899	10	9,658,890.0%	547,881	76.3%	2,387,255	2,730	87,345.2%
SOFR MIDCURVE	545,666	0	0.0%	561,847	-2.9%	1,541,999	50	3,083,898.0%

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<b>Equity Index Futures</b>								
BITCOIN	151,780	196,060	-22.6%	183,131	-17.1%	697,760	1,017,698	-31.4%
E-MINI COM SERVICES SELECT	2,897	4,102	-29.4%	6,887	-57.9%	14,477	17,863	-19.0%
E-mini FTSE China 50	2,286	0	0.0%	1,890	21.0%	5,670	0	0.0%
E-MINI MIDCAP	277,688	193,589	43.4%	483,893	-42.6%	1,422,208	1,015,307	40.1%
E-MINI NASDAQ 100	12,884,469	10,569,403	21.9%	15,198,331	-15.2%	58,379,838	47,535,367	22.8%
E-MINI RUSSELL 1000	17,750	1,543	1,050.4%	28,366	-37.4%	51,967	30,385	71.0%
E-MINI RUSSELL 1000 GROWTH	3,336	1,481	125.3%	19,092	-82.5%	39,417	18,325	115.1%
E-MINI RUSSELL 1000 VALUE	9,774	11,633	-16.0%	64,328	-84.8%	95,720	107,140	-10.7%
E-MINI RUSSELL 2000	4,176,615	3,579,612	16.7%	6,047,350	-30.9%	20,701,098	17,185,337	20.5%
E-MINI S&P500	32,288,032	28,564,771	13.0%	43,315,813	-25.5%	153,985,775	139,664,138	10.3%
E-MINI S&P500 ESG	8,328	10,232	-18.6%	55,464	-85.0%	144,637	72,089	100.6%
E-MINI S&P REAL ESTATE SELE	1,672	9,429	-82.3%	18,059	-90.7%	32,324	26,173	23.5%
ETHER FUTURES	83,568	50,341	66.0%	91,980	-9.1%	404,388	79,498	408.7%
FT-SE 100	0	0	0.0%	673	-100.0%	892	4	22,200.0%
FTSE Emerging	0	0	0.0%	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	152	97	56.7%	39	289.7%	286	955	-70.1%
MICRO BITCOIN	301,683	0	-	394,261	-23.5%	1,529,275	0	-
MICRO E-MINI NASDAQ 100	26,355,938	18,490,117	42.5%	31,219,379	-15.6%	125,785,378	85,115,957	47.8%
MICRO E-MINI RUSSELL 2000	2,143,263	2,807,886	-23.7%	2,813,163	-23.8%	13,103,467	14,194,591	-7.7%
MICRO E-MINI S&P500	23,566,020	16,440,689	43.3%	28,968,667	-18.6%	108,288,349	80,727,088	34.1%
MICRO ETHER	393,063	0	-	373,317	5.3%	1,575,884	0	-
NASDAQ-100 VOLATILITY	1,999	8	24,887.5%	2,089	-4.3%	14,145	10	141,350.0%
NASDAQ BIOTECH	165	93	77.4%	213	-22.5%	578	2,758	-79.0%
Nearby BTIC+	1,600	50	3,100.0%	350	357.1%	2,350	104	2,159.6%
NIKKEI 225 (\$) STOCK	93,197	98,978	-5.8%	151,202	-38.4%	518,742	545,115	-4.8%
NIKKEI 225 (YEN) STOCK	605,313	510,293	18.6%	1,100,963	-45.0%	3,417,399	2,646,396	29.1%
S&P 500	28,151	136,050	-79.3%	153,609	-81.7%	334,945	558,337	-40.0%
S&P 500 ANNUAL DIVIDEND IND	58,871	91,653	-35.8%	134,254	-56.1%	356,565	262,825	35.7%
S&P 500/GI	0	0	0.0%	0	-	0	0	0.0%
S&P 500 QUARLY DIVIDEND IND	601	300	100.3%	6,426	-90.6%	16,723	6,897	142.5%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	-	0	0	0.0%
S&P CONSUMER DSCRTNRY SE	6,217	4,409	41.0%	21,840	-71.5%	48,726	55,301	-11.9%
S&P CONSUMER STAPLES SECT	21,253	15,679	35.6%	40,200	-47.1%	102,255	110,141	-7.2%
S&P ENERGY SECTOR	27,662	24,743	11.8%	151,866	-81.8%	260,134	197,020	32.0%
S&P FINANCIAL SECTOR	19,389	20,126	-3.7%	97,909	-80.2%	165,844	275,989	-39.9%
S&P HEALTH CARE SECTOR	17,483	10,425	67.7%	57,527	-69.6%	106,407	72,033	47.7%
S&P INDUSTRIAL SECTOR	14,187	7,173	97.8%	47,989	-70.4%	108,285	102,447	5.7%
S&P MATERIALS SECTOR	8,071	4,865	65.9%	24,692	-67.3%	65,446	47,645	37.4%
S&P TECHNOLOGY SECTOR	11,471	7,475	53.5%	39,461	-70.9%	107,533	59,812	79.8%
S&P UTILITIES SECTOR	22,421	13,769	62.8%	71,136	-68.5%	144,373	108,652	32.9%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0.0%	0	380	-100.0%
WATER INDEX FUTURES	89	221	-59.7%	111	-19.8%	480	668	-28.1%
YEN DENOMINATED TOPIX	2,756	1,415	94.8%	4,616	-40.3%	15,168	5,839	159.8%

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<b>Equity Index Options</b>								
BITCOIN OPTIONS	1,451	1,673	-13.3%	2,223	-34.7%	7,809	6,298	24.0%
E-MINI NASDAQ 100	945,774	447,608	111.3%	814,866	16.1%	3,407,773	2,007,250	69.8%
E-mini Russell 2000	120,721	76,738	57.3%	111,088	8.7%	509,876	336,862	51.4%
E-MINI RUSSELL 2000	21,406	18,162	17.9%	34,399	-37.8%	133,911	122,927	8.9%
E-mini S&P 500	11,070,278	6,180,442	79.1%	11,001,132	0.6%	49,704,007	26,276,925	89.2%
E-MINI S&P500	9,788,160	4,390,217	123.0%	11,893,188	-17.7%	41,469,365	21,896,375	89.4%
EOM S&P 500	0	5,880	-100.0%	0	0.0%	0	9,920	-100.0%
MICRO BITCOIN	3,576	0	-	117	2,956.4%	3,693	0	-
Micro E-mini Nasdaq-100	49,261	29,384	67.6%	43,987	12.0%	213,662	73,508	190.7%
MICRO E-MINI NASDAQ 100	7,529	2,553	194.9%	19,112	-60.6%	53,557	13,785	288.5%
Micro E-mini S&P 500	165,994	121,877	36.2%	244,116	-32.0%	1,022,396	519,505	96.8%
MICRO ETHER	17,570	0	-	20,100	-12.6%	37,670	0	-
S&P 500	0	87,643	-100.0%	0	0.0%	0	585,159	-100.0%
<b>FX Futures</b>								
AD/CD CROSS RATES	105	20	425.0%	72	45.8%	223	44	406.8%
AD/JY CROSS RATES	6,354	1,391	356.8%	8,484	-25.1%	23,120	9,580	141.3%
AD/NE CROSS RATES	2,799	153	1,729.4%	5,629	-50.3%	9,713	784	1,138.9%
AUSTRALIAN DOLLAR	1,713,991	1,738,854	-1.4%	2,267,582	-24.4%	7,679,211	8,809,374	-12.8%
BP/JY CROSS RATES	3,593	1,795	100.2%	8,511	-57.8%	18,312	9,260	97.8%
BP/SF CROSS RATES	2,234	820	172.4%	2,556	-12.6%	9,093	3,678	147.2%
BRAZIL REAL	353,482	231,667	52.6%	355,597	-0.6%	1,383,957	987,904	40.1%
BRITISH POUND	1,994,971	1,627,064	22.6%	2,952,302	-32.4%	9,028,447	7,421,557	21.7%
CANADIAN DOLLAR	1,465,493	1,502,562	-2.5%	2,109,223	-30.5%	6,634,072	6,480,337	2.4%
CD/JY CROSS RATES	2	11	-81.8%	34	-94.1%	580	544	6.6%
CHINESE RENMINBI (CNH)	31,385	9,491	230.7%	30,790	1.9%	89,414	58,954	51.7%
CZECK KORUNA (EC)	24	0	0.0%	8	200.0%	35	2	1,650.0%
CZECK KORUNA (US)	1	1	0.0%	5	-80.0%	11	3	266.7%
EC/AD CROSS RATES	3,353	2,510	33.6%	11,197	-70.1%	20,738	20,067	3.3%
EC/CD CROSS RATES	5,149	3,883	32.6%	19,859	-74.1%	32,692	24,824	31.7%
EC/NOK CROSS RATES	1,113	301	269.8%	3,186	-65.1%	5,380	3,059	75.9%
EC/SEK CROSS RATES	779	261	198.5%	6,145	-87.3%	9,174	2,432	277.2%
EFX/BP CROSS RATES	57,716	24,664	134.0%	200,716	-71.2%	372,463	214,299	73.8%
EFX/JY CROSS RATES	34,019	20,282	67.7%	140,945	-75.9%	272,641	140,769	93.7%
EFX/SF CROSS RATES	20,808	12,172	70.9%	94,011	-77.9%	176,101	84,891	107.4%
E-MICRO USD/CAD	111	0	-	562	-80.2%	1,290	0	-
E-MICRO USD/CHF	24	0	-	141	-83.0%	264	0	-
E-MICRO USD/JPY	14,206	0	-	7,681	84.9%	26,331	0	-
E-MINI EURO FX	101,541	91,207	11.3%	182,770	-44.4%	518,987	568,393	-8.7%
E-MINI JAPANESE YEN	11,266	7,023	60.4%	9,160	23.0%	31,599	40,416	-21.8%
EURO FX	3,582,552	3,365,905	6.4%	6,946,713	-48.4%	17,946,136	16,420,859	9.3%
HUNGARIAN FORINT (EC)	1	0	0.0%	18	-94.4%	31	0	0.0%
HUNGARIAN FORINT (US)	2	1	100.0%	4	-50.0%	29	61	-52.5%
INDIAN RUPEE	22,460	12,327	82.2%	22,458	0.0%	81,324	67,101	21.2%
JAPANESE YEN	2,869,204	2,207,384	30.0%	3,418,783	-16.1%	10,606,049	8,624,205	23.0%
KOREAN WON	535	1,723	-68.9%	753	-29.0%	3,117	9,367	-66.7%
MEXICAN PESO	825,733	756,955	9.1%	1,430,959	-42.3%	4,030,520	4,404,468	-8.5%
MICRO AUD/USD	259,561	198,181	31.0%	250,331	3.7%	1,042,965	994,518	4.9%
MICRO CAD/USD	47,269	49,130	-3.8%	48,204	-1.9%	212,370	189,814	11.9%

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<b>FX Futures</b>								
MICRO CHF/USD	10,437	6,733	55.0%	14,336	-27.2%	43,174	38,704	11.5%
MICRO EUR/USD	664,143	407,013	63.2%	791,861	-16.1%	2,751,023	2,143,973	28.3%
MICRO GBP/USD	75,259	69,348	8.5%	89,348	-15.8%	324,304	280,531	15.6%
MICRO INR/USD	744	2,094	-64.5%	904	-17.7%	3,318	9,250	-64.1%
MICRO JPY/USD	0	30,782	-100.0%	12,799	-100.0%	101,719	121,749	-16.5%
MICRO USD/CNH	0	3	-100.0%	1	-100.0%	2	7	-71.4%
NEW ZEALND DOLLAR	529,584	460,150	15.1%	699,460	-24.3%	2,275,074	2,491,615	-8.7%
NKR/USD CROSS RATE	2,457	5,040	-51.3%	5,292	-53.6%	13,907	24,581	-43.4%
POLISH ZLOTY (EC)	66	47	40.4%	454	-85.5%	618	562	10.0%
POLISH ZLOTY (US)	608	380	60.0%	3,739	-83.7%	6,441	4,333	48.6%
RMB USD	1	0	0.0%	3	-66.7%	5	0	0.0%
RUSSIAN RUBLE	1,023	83,722	-98.8%	12,997	-92.1%	585,192	388,683	50.6%
S.AFRICAN RAND	73,616	34,143	115.6%	129,102	-43.0%	360,180	209,250	72.1%
SF/JY CROSS RATES	837	40	1,992.5%	1,274	-34.3%	2,200	330	566.7%
SHEKEL	5	1	400.0%	5	0.0%	44	11	300.0%
SKR/USD CROSS RATES	5,063	4,557	11.1%	13,084	-61.3%	31,229	21,457	45.5%
SWISS FRANC	381,540	397,547	-4.0%	647,810	-41.1%	1,871,382	1,903,064	-1.7%
TURKISH LIRA	0	16	-100.0%	112	-100.0%	128	274	-53.3%
USDZAR	0	4	-100.0%	0	0.0%	27	49	-44.9%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	85	657	-87.1%	489	-82.6%	1,449	1,939	-25.3%
AUD/USD MONDAY OPTION WEE	83	99	-16.2%	126	-34.1%	2,329	1,531	52.1%
AUD/USD MONDAY OPTION WEE	607	204	197.5%	471	28.9%	1,497	1,842	-18.7%
AUD/USD MONDAY OPTION WEE	820	661	24.1%	113	625.7%	1,613	1,852	-12.9%
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	779	23	3,287.0%
AUD/USD MONTHLY OPTIONS	97,757	69,003	41.7%	64,616	51.3%	412,119	246,816	67.0%
AUD/USD WKLY FRIDAY OPTION	20	136	-85.3%	1,750	-98.9%	1,770	958	84.8%
AUD/USD WKLY FRIDAY OPTION	1,098	1,219	-9.9%	1,242	-11.6%	8,144	6,592	23.5%
AUD/USD WKLY FRIDAY OPTION	1,629	1,831	-11.0%	2,001	-18.6%	10,736	10,120	6.1%
AUD/USD WKLY FRIDAY OPTION	1,277	3,287	-61.1%	1,255	1.8%	7,608	14,211	-46.5%
AUD/USD WKLY FRIDAY OPTION	1,463	1,482	-1.3%	579	152.7%	2,042	3,069	-33.5%
AUD/USD WKLY WED OPTIONS -	268	1,077	-75.1%	1,267	-78.8%	3,408	4,084	-16.6%
AUD/USD WKLY WED OPTIONS -	571	517	10.4%	451	26.6%	2,657	3,194	-16.8%
AUD/USD WKLY WED OPTIONS -	62	133	-53.4%	259	-76.1%	936	2,122	-55.9%
AUD/USD WKLY WED OPTIONS -	615	541	13.7%	78	688.5%	1,876	4,498	-58.3%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	211	-100.0%	211	564	-62.6%
BRL/USD MONTHLY OPTIONS	184	640	-71.3%	293	-37.2%	1,781	1,626	9.5%
CAD/USD MONDAY OPTIONS WE	261	692	-62.3%	301	-13.3%	861	3,524	-75.6%
CAD/USD MONDAY OPTIONS WE	1,339	674	98.7%	1,892	-29.2%	5,844	2,639	121.4%
CAD/USD MONDAY OPTIONS WE	2,885	305	845.9%	552	422.6%	3,460	1,261	174.4%
CAD/USD MONDAY OPTIONS WE	1,477	343	330.6%	508	190.7%	4,446	2,028	119.2%
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	0	0.0%	1,256	612	105.2%
CAD/USD MONTHLY OPTIONS	111,346	60,786	83.2%	109,151	2.0%	379,404	211,266	79.6%
CAD/USD WKLY FRIDAY OPTION	165	13	1,169.2%	5,994	-97.2%	6,159	6,368	-3.3%
CAD/USD WKLY FRIDAY OPTION	767	1,257	-39.0%	1,200	-36.1%	16,102	11,770	36.8%
CAD/USD WKLY FRIDAY OPTION	6,085	5,233	16.3%	5,119	18.9%	23,610	23,057	2.4%
CAD/USD WKLY FRIDAY OPTION	7,313	5,908	23.8%	5,258	39.1%	23,363	28,037	-16.7%
CAD/USD WKLY FRIDAY OPTION	3,629	3,968	-8.5%	652	456.6%	4,281	9,870	-56.6%
CAD/USD WKLY WED OPTIONS -	1,448	564	156.7%	644	124.8%	4,638	3,913	18.5%

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<b>FX Options</b>								
CAD/USD WKLY WED OPTIONS -	1,258	661	90.3%	206	510.7%	5,286	4,910	7.7%
CAD/USD WKLY WED OPTIONS -	2,887	599	382.0%	520	455.2%	6,819	5,298	28.7%
CAD/USD WKLY WED OPTIONS -	1,045	2,078	-49.7%	3,128	-66.6%	7,587	3,629	109.1%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	2,938	-100.0%	2,938	1,221	140.6%
CHF/USD MONTHLY OPTIONS	5,068	7,136	-29.0%	3,954	28.2%	24,193	17,358	39.4%
CHF/USD WKLY FRIDAY OPTION	0	20	-100.0%	520	-100.0%	520	56	828.6%
CHF/USD WKLY FRIDAY OPTION	89	18	394.4%	29	206.9%	720	672	7.1%
CHF/USD WKLY FRIDAY OPTION	35	678	-94.8%	40	-12.5%	398	1,154	-65.5%
CHF/USD WKLY FRIDAY OPTION	29	420	-93.1%	34	-14.7%	742	1,877	-60.5%
CHF/USD WKLY FRIDAY OPTION	14	17	-17.6%	0	0.0%	14	22	-36.4%
EUR/GBP MONTHLY OPTIONS	0	0	-	1,750	-100.0%	1,954	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION WEE	2,155	1,693	27.3%	4,544	-52.6%	9,118	6,120	49.0%
EUR/USD MONDAY OPTION WEE	970	1,717	-43.5%	3,711	-73.9%	14,608	4,800	204.3%
EUR/USD MONDAY OPTION WEE	1,628	572	184.6%	989	64.6%	4,306	1,234	248.9%
EUR/USD MONDAY OPTION WEE	11,266	1,540	631.6%	3,523	219.8%	19,917	9,410	111.7%
EUR/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	2,856	1,587	80.0%
EUR/USD MONTHLY OPTIONS	294,346	198,330	48.4%	233,893	25.8%	1,013,230	845,628	19.8%
EUR/USD WKLY FRIDAY OPTION	1,815	200	807.5%	25,097	-92.8%	26,912	11,898	126.2%
EUR/USD WKLY FRIDAY OPTION	4,830	2,103	129.7%	11,708	-58.7%	70,826	41,203	71.9%
EUR/USD WKLY FRIDAY OPTION	17,186	17,337	-0.9%	18,634	-7.8%	69,859	81,041	-13.8%
EUR/USD WKLY FRIDAY OPTION	21,432	15,365	39.5%	22,269	-3.8%	97,670	65,116	50.0%
EUR/USD WKLY FRIDAY OPTION	18,300	17,252	6.1%	2,296	697.0%	20,596	33,497	-38.5%
EUR/USD WKLY WED OPTIONS -	6,704	10,956	-38.8%	7,255	-7.6%	28,358	26,056	8.8%
EUR/USD WKLY WED OPTIONS -	4,158	6,190	-32.8%	8,131	-48.9%	21,805	28,636	-23.9%
EUR/USD WKLY WED OPTIONS -	4,808	10,597	-54.6%	6,544	-26.5%	22,951	32,676	-29.8%
EUR/USD WKLY WED OPTIONS -	9,198	8,451	8.8%	7,665	20.0%	27,609	35,137	-21.4%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	6,363	-100.0%	6,363	5,639	12.8%
GBP/USD MONDAY OPTION WEE	612	495	23.6%	615	-0.5%	2,506	1,188	110.9%
GBP/USD MONDAY OPTION WEE	797	1,305	-38.9%	2	39,750.0%	3,535	1,681	110.3%
GBP/USD MONDAY OPTION WEE	1,056	126	738.1%	141	648.9%	1,545	1,103	40.1%
GBP/USD MONDAY OPTION WEE	152	0	0.0%	665	-77.1%	2,596	992	161.7%
GBP/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	361	2,200	-83.6%
GBP/USD MONTHLY OPTIONS	94,620	62,784	50.7%	57,800	63.7%	290,751	298,585	-2.6%
GBP/USD WKLY FRIDAY OPTION	24	21	14.3%	3,398	-99.3%	3,422	1,768	93.6%
GBP/USD WKLY FRIDAY OPTION	2,366	1,335	77.2%	477	396.0%	9,639	8,483	13.6%
GBP/USD WKLY FRIDAY OPTION	3,199	2,956	8.2%	2,698	18.6%	16,692	11,219	48.8%
GBP/USD WKLY FRIDAY OPTION	2,723	2,625	3.7%	5,073	-46.3%	14,038	12,927	8.6%
GBP/USD WKLY FRIDAY OPTION	3,692	2,138	72.7%	1,478	149.8%	5,170	3,786	36.6%
GBP/USD WKLY WED OPTIONS -	1,760	2,343	-24.9%	592	197.3%	6,996	4,950	41.3%
GBP/USD WKLY WED OPTIONS -	314	480	-34.6%	59	432.2%	2,300	3,385	-32.1%
GBP/USD WKLY WED OPTIONS -	808	965	-16.3%	643	25.7%	5,548	2,720	104.0%
GBP/USD WKLY WED OPTIONS -	993	2,556	-61.2%	483	105.6%	5,909	4,497	31.4%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	330	-100.0%	330	1,655	-80.1%
JPY/USD MONDAY OPTION WEE	732	276	165.2%	892	-17.9%	2,016	1,637	23.2%
JPY/USD MONDAY OPTION WEE	1,095	168	551.8%	304	260.2%	4,230	1,075	293.5%
JPY/USD MONDAY OPTION WEE	419	108	288.0%	59	610.2%	552	837	-34.1%
JPY/USD MONDAY OPTION WEE	1,360	0	0.0%	811	67.7%	3,578	517	592.1%
JPY/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	51	313	-83.7%
JPY/USD MONTHLY OPTIONS	218,296	67,095	225.4%	172,210	26.8%	616,577	338,818	82.0%
JPY/USD WKLY FRIDAY OPTION	159	3	5,200.0%	11,155	-98.6%	11,314	8,167	38.5%

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 2022	VOLUME APR 2021	% CHG	VOIUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>FX Options</b>								
JPY/USD WKLY FRIDAY OPTION	2,490	1,613	54.4%	8,428	-70.5%	35,463	17,094	107.5%
JPY/USD WKLY FRIDAY OPTION	10,649	6,216	71.3%	12,323	-13.6%	42,736	38,464	11.1%
JPY/USD WKLY FRIDAY OPTION	7,481	6,951	7.6%	10,866	-31.2%	40,954	30,549	34.1%
JPY/USD WKLY FRIDAY OPTION	15,414	8,219	87.5%	682	2,160.1%	16,096	16,475	-2.3%
JPY/USD WKLY WED OPTIONS -	4,109	3,210	28.0%	3,060	34.3%	13,276	9,566	38.8%
JPY/USD WKLY WED OPTIONS -	2,406	3,024	-20.4%	3,054	-21.2%	11,597	11,199	3.6%
JPY/USD WKLY WED OPTIONS -	1,696	2,489	-31.9%	1,864	-9.0%	8,892	11,227	-20.8%
JPY/USD WKLY WED OPTIONS -	3,556	2,443	45.6%	1,811	96.4%	10,783	10,692	0.9%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	2,857	-100.0%	2,857	4,493	-36.4%
MXN/USD MONTHLY OPTIONS	3,496	294	1,089.1%	764	357.6%	6,306	3,060	106.1%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
MXN/USD WKLY FRIDAY OPTION	17	0	0.0%	0	0.0%	17	0	0.0%
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	0.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD MONTHLY OPTIONS	421	27	1,459.3%	10	4,110.0%	481	292	64.7%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	0	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%	23	0	-
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS -	87	146	-40.4%	11	690.9%	2,012	2,793	-28.0%

## CME Exchange Volume Report - Monthly

	VOLUME APR 2022	VOLUME APR 2021	% CHG	VOIUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	195	1,358	-85.6%	294	-33.7%	1,713	4,134	-58.6%
BUTTER CS	3,578	3,847	-7.0%	4,276	-16.3%	19,365	18,267	6.0%
CASH-SETTLED CHEESE	7,597	11,344	-33.0%	11,984	-36.6%	40,372	49,232	-18.0%
CAT ASIA WEATHER	0	0	0.0%	0	0.0%	0	1,200	-100.0%
CATTLE	1,014,173	1,143,144	-11.3%	1,539,353	-34.1%	5,087,315	4,944,322	2.9%
CAT WEATHER EUROPEAN	0	0	-	0	0.0%	0	0	-
CDD SEASONAL STRIP	1,550	550	181.8%	800	93.8%	2,600	3,050	-14.8%
CDD WEATHER	2,750	1,850	48.6%	2,000	37.5%	4,750	2,025	134.6%
CLASS IV MILK	1,737	819	112.1%	1,615	7.6%	10,496	2,537	313.7%
DRY WHEY	1,028	3,090	-66.7%	978	5.1%	4,251	9,775	-56.5%
FEEDER CATTLE	282,185	286,614	-1.5%	294,814	-4.3%	1,092,730	1,004,828	8.7%
GOLDMAN SACHS	3,369	9,469	-64.4%	5,303	-36.5%	15,436	50,493	-69.4%
GSCI EXCESS RETURN FUT	4,488	4,290	4.6%	139,956	-96.8%	158,655	131,536	20.6%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	-	0	0	0.0%
HDD SEASONAL STRIP	0	0	-	0	0.0%	0	0	-
HDD WEATHER	0	0	0.0%	0	0.0%	8,000	11,350	-29.5%
HDD WEATHER EUROPEAN	0	0	0.0%	650	-100.0%	3,875	1,600	142.2%
HOGS	735,737	868,603	-15.3%	1,062,179	-30.7%	3,841,636	3,692,782	4.0%
HOUSING INDEX	3	21	-85.7%	13	-76.9%	45	51	-11.8%
LUMBER	7,007	12,051	-41.9%	7,830	-10.5%	33,309	38,515	-13.5%
MALAYSIAN PALM SWAP	0	7,120	-100.0%	0	0.0%	0	30,156	-100.0%
MILK	27,800	24,751	12.3%	36,725	-24.3%	126,343	97,980	28.9%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	6,235	5,445	14.5%	6,886	-9.5%	28,532	25,821	10.5%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	1,716	1,919	-10.6%	3,352	-48.8%	10,029	15,688	-36.1%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	2,002	-100.0%
USD CRUDE PALM OIL	23,240	3,464	570.9%	32,390	-28.2%	91,609	19,618	367.0%



## CME Exchange Volume Report - Monthly

	VOLUME APR 2022	VOLUME APR 2021	% CHG	VOIUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Ag Products Options</b>								
BLOCK CHEESE	253	597	-57.6%	240	5.4%	863	1,607	-46.3%
BUTTER CS	1,420	3,114	-54.4%	1,361	4.3%	5,955	11,563	-48.5%
CASH-SETTLED CHEESE	3,341	5,684	-41.2%	10,532	-68.3%	33,908	36,473	-7.0%
CATTLE	255,626	211,361	20.9%	234,285	9.1%	871,336	807,813	7.9%
CDD SEASONAL STRIP	4,250	2,200	93.2%	5,000	-15.0%	9,750	4,200	132.1%
CDD WEATHER	0	0	0.0%	0	0.0%	0	2,250	-100.0%
CLASS IV MILK	5,843	3,306	76.7%	5,897	-0.9%	26,466	12,205	116.8%
DRY WHEY	22	744	-97.0%	2,514	-99.1%	2,557	1,234	107.2%
FEEDER CATTLE	40,294	27,214	48.1%	39,974	0.8%	143,303	84,840	68.9%
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	5,000	-100.0%
HDD WEATHER	0	0	0.0%	2,000	-100.0%	4,800	6,250	-23.2%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	1,000	1,250	-20.0%
HOGS	172,342	158,297	8.9%	260,157	-33.8%	963,113	720,815	33.6%
HOUSING INDEX	0	0	0.0%	0	-	0	0	0.0%
LUMBER	491	913	-46.2%	457	7.4%	2,220	3,182	-30.2%
LV CATL CSO	0	0	0.0%	0	-	0	0	0.0%
MILK	20,226	25,424	-20.4%	23,084	-12.4%	78,310	118,569	-34.0%
MLK MID OPTIONS	6	6	0.0%	23	-73.9%	43	9	377.8%
NFD MILK	4,911	4,396	11.7%	5,779	-15.0%	20,722	17,775	16.6%
PORK CUTOUT	5	76	-93.4%	30	-83.3%	35	630	-94.4%



## CME Exchange Volume Report - Monthly

	VOLUME APR 2022	VOLUME APR 2021	% CHG	VOIUME MAR 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	63,222,070	40,858,904	54.7%	96,223,594	-34.3%	307,072,271	213,756,350	43.7%
Equity Index Futures	103,609,210	81,878,710	26.5%	131,390,536	-21.1%	492,044,908	391,866,289	25.6%
FX Futures	15,177,219	13,369,358	13.5%	22,957,970	-33.9%	68,636,356	63,229,987	8.6%
Foreign Exchange Futures	0	0	-	0	0.0%	23	0	-
Ag Products Futures	2,124,388	2,389,749	-11.1%	3,151,398	-32.6%	10,581,061	10,156,962	4.2%
<b>TOTAL FUTURES</b>	<b>184,132,887</b>	<b>138,496,721</b>	<b>33.0%</b>	<b>253,723,498</b>	<b>-27.4%</b>	<b>878,334,619</b>	<b>679,009,588</b>	<b>29.4%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	22,191,720	11,362,177	95.3%	24,184,328	-8.2%	96,563,719	51,848,514	86.2%
Interest Rate Options	17,753,033	18,608,070	-4.6%	34,925,249	-49.2%	112,491,215	86,049,586	30.7%
FX Options	1,039,387	647,425	60.5%	887,817	17.1%	3,641,648	2,740,943	32.9%
Ag Products Options	509,030	443,332	14.8%	591,333	-13.9%	2,164,381	1,835,665	17.9%
Foreign Exchange Options	87	146	-40.4%	11	690.9%	2,012	2,793	-28.0%
<b>TOTAL OPTIONS</b>	<b>41,493,257</b>	<b>31,061,150</b>	<b>33.6%</b>	<b>60,588,738</b>	<b>-31.5%</b>	<b>214,862,975</b>	<b>142,477,501</b>	<b>50.8%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	80,975,103	59,466,974	36.2%	131,148,843	-38.3%	419,563,486	299,805,936	39.9%
Equity Index	125,800,930	93,240,887	34.9%	155,574,864	-19.1%	588,608,627	443,714,803	32.7%
FX	16,216,606	14,016,783	15.7%	23,845,787	-32.0%	72,278,004	65,970,930	9.6%
Foreign Exchange	87	146	-40.4%	11	690.9%	2,035	2,793	-27.1%
Ag Products	2,633,418	2,833,081	-7.0%	3,742,731	-29.6%	12,745,442	11,992,627	6.3%
<b>GRAND TOTAL</b>	<b>225,626,144</b>	<b>169,557,871</b>	<b>33.1%</b>	<b>314,312,236</b>	<b>-28.2%</b>	<b>1,093,197,594</b>	<b>821,487,089</b>	<b>33.1%</b>