



CME Exchange Volume Report - Monthly

	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOIUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	1,000	4,533	-77.9%	0	0.0%	1,006	62,955	-98.4%
BSBY 3-MONTH FUTURES	4,206	66,049	-93.6%	9,141	-54.0%	24,177	363,204	-93.3%
ESTR Basis Spread Futures	102	0	-	1,458	-93.0%	4,668	0	-
ESTR Futures	30,893	0	-	31,714	-2.6%	133,237	0	-
EURODOLLARS	1,328,733	35,003,357	-96.2%	10,045,428	-86.8%	27,573,110	204,121,905	-86.5%
FTIIE	356	60	493.3%	334	6.6%	1,103	493	123.7%
SOFR	48,644,647	28,148,059	72.8%	118,656,278	-59.0%	290,932,185	102,522,668	183.8%
SONIA	0	12	-100.0%	76	-100.0%	1,310	1,046	25.2%
Interest Rate Options								
EURODOLLARS	651,883	9,723,073	-93.3%	2,120,119	-69.3%	8,555,737	65,050,018	-86.8%
EURO MIDCURVE	32,932	6,518,395	-99.5%	75,193	-56.2%	597,753	43,511,943	-98.6%
SOFR	24,825,051	965,899	2,470.1%	57,891,692	-57.1%	148,290,579	2,387,255	6,111.8%
SOFR MIDCURVE	3,671,896	545,666	572.9%	9,807,006	-62.6%	30,783,979	1,541,999	1,896.4%
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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Equity Index Futures								
BITCOIN	184,551	151,780	21.6%	276,542	-33.3%	871,788	697,760	24.9%
E-mini FTSE China 50	0	2,286	-100.0%	0	0.0%	44	5,670	-99.2%
E-MINI MIDCAP	193,076	277,688	-30.5%	484,297	-60.1%	1,119,795	1,422,208	-21.3%
E-MINI NASDAQ 100	11,689,411	12,884,469	-9.3%	17,972,459	-35.0%	54,252,719	58,379,838	-7.1%
E-MINI RUSSELL 1000	1,777	17,750	-90.0%	20,871	-91.5%	36,881	51,967	-29.0%
E-MINI RUSSELL 1000 GROWTH	1,335	3,336	-60.0%	14,585	-90.8%	21,007	39,417	-46.7%
E-MINI RUSSELL 1000 VALUE	10,868	9,774	11.2%	33,223	-67.3%	59,514	95,720	-37.8%
E-MINI RUSSELL 2000	3,168,826	4,176,615	-24.1%	7,201,260	-56.0%	17,932,940	20,701,098	-13.4%
E-MINI S&P500	29,227,882	32,288,032	-9.5%	55,678,091	-47.5%	155,576,475	153,985,775	1.0%
E-MINI S&P500 ESG	13,775	8,328	65.4%	49,728	-72.3%	90,420	144,637	-37.5%
ETHER	0	0	-	0	0.0%	0	0	-
ETHER FUTURES	106,026	83,568	26.9%	134,142	-21.0%	472,392	404,388	16.8%
FT-SE 100	30	0	0.0%	0	0.0%	175	892	-80.4%
FTSE Emerging	0	0	0.0%	0	-	0	0	0.0%
IBOVESPA INDEX	18	152	-88.2%	12	50.0%	132	286	-53.8%
MICRO BITCOIN	242,303	301,683	-19.7%	271,333	-10.7%	859,342	1,529,275	-43.8%
MICRO E-MINI NASDAQ 100	17,515,475	26,355,938	-33.5%	27,056,218	-35.3%	89,178,143	125,785,378	-29.1%
MICRO E-MINI RUSSELL 2000	1,317,047	2,143,263	-38.5%	2,263,838	-41.8%	6,787,113	13,103,467	-48.2%
MICRO E-MINI S&P500	17,354,035	23,566,020	-26.4%	30,385,024	-42.9%	97,340,793	108,288,349	-10.1%
MICRO ETHER	270,097	393,063	-31.3%	199,010	35.7%	889,638	1,575,884	-43.5%
NASDAQ-100 VOLATILITY	10	1,999	-99.5%	18	-44.4%	3,202	14,145	-77.4%
NASDAQ BIOTECH SECTOR	236	165	43.0%	223	5.8%	1,032	578	78.5%
Nearby BTIC+	0	1,600	-100.0%	0	0.0%	0	2,350	-100.0%
NIKKEI 225 (\$) STOCK	63,354	93,197	-32.0%	142,666	-55.6%	373,466	518,742	-28.0%
NIKKEI 225 (YEN) STOCK	390,842	605,313	-35.4%	777,576	-49.7%	2,190,174	3,417,399	-35.9%
PHLX SEMICONDUCTOR SECTO	584	0	-	546	7.0%	1,501	0	-
S&P 500	45,182	28,151	60.5%	174,608	-74.1%	398,797	334,945	19.1%
S&P 500 ANNUAL DIVIDEND IND	58,210	58,871	-1.1%	121,023	-51.9%	303,542	356,565	-14.9%
S&P 500 QUARLY DIVIDEND IND	16,973	601	2,724.1%	27,235	-37.7%	75,026	16,723	348.6%
S&P BIOTECHNOLOGY SECTOR	2,915	0	-	2,107	38.3%	5,766	0	-
S&P COMMUNICATION SERVICE	4,340	2,897	49.8%	8,690	-50.1%	17,756	14,477	22.6%
S&P CONSUMER DISCRETIONAF	7,398	6,217	19.0%	18,857	-60.8%	37,304	48,726	-23.4%
S&P CONSUMER STAPLES SECT	22,479	21,253	5.8%	52,108	-56.9%	127,122	102,255	24.3%
S&P ENERGY SECTOR	29,684	27,662	7.3%	98,127	-69.7%	173,138	260,134	-33.4%
S&P FINANCIAL SECTOR	28,544	19,389	47.2%	148,519	-80.8%	214,124	165,844	29.1%
S&P HEALTH CARE SECTOR	12,050	17,483	-31.1%	64,975	-81.5%	100,702	106,407	-5.4%
S&P INDUSTRIAL SECTOR	9,443	14,187	-33.4%	60,934	-84.5%	99,299	108,285	-8.3%
S&P MATERIALS SECTOR	3,944	8,071	-51.1%	23,417	-83.2%	41,129	65,446	-37.2%
S&P OIL & GAS EXPLORATION A	133	0	-	562	-76.3%	938	0	-
S&P REAL ESTATE SECTOR	4,380	1,672	162.0%	20,547	-78.7%	46,714	32,324	44.5%
S&P REGIONAL BANKS SECTOR	1,807	0	-	1,922	-6.0%	4,106	0	-
S&P RETAIL SECTOR	86	0	-	310	-72.3%	1,451	0	-
S&P TECHNOLOGY SECTOR	7,180	11,471	-37.4%	45,693	-84.3%	73,835	107,533	-31.3%
S&P UTILITIES SECTOR	16,436	22,421	-26.7%	107,255	-84.7%	178,913	144,373	23.9%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	-	0	0	0.0%
TOPIX (USD)	0	0	-	139	-100.0%	139	0	-
TOPIX (YEN)	74	2,756	-97.3%	509	-85.5%	983	15,168	-93.5%
WATER INDEX FUTURES	14	89	-84.3%	17	-17.6%	84	480	-82.5%

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Equity Index Options								
BITCOIN OPTIONS	7,592	1,451	423.2%	12,763	-40.5%	34,137	7,809	337.1%
E-MINI NASDAQ 100	907,085	945,774	-4.1%	1,371,565	-33.9%	4,198,283	3,407,773	23.2%
E-MINI RUSSELL 2000	167,901	142,127	18.1%	171,421	-2.1%	546,265	643,787	-15.1%
E-MINI S&P500	19,122,962	20,858,438	-8.3%	31,869,471	-40.0%	97,416,636	91,173,372	6.8%
EOM S&P 500	0	0	0.0%	0	-	0	0	0.0%
ETHER OPTIONS	1,505	0	-	1,080	39.4%	4,722	0	-
EVENT CONTRACT S&P 500	12,763	0	-	1,739	633.9%	14,502	0	-
MICRO BITCOIN	11,078	3,576	209.8%	11,414	-2.9%	40,530	3,693	997.5%
MICRO E-MINI NASDAQ 100	41,434	56,790	-27.0%	60,539	-31.6%	212,123	267,219	-20.6%
Micro E-mini S&P 500	172,052	165,994	3.6%	285,957	-39.8%	1,022,991	1,022,396	0.1%
MICRO ETHER	13,782	17,570	-21.6%	15,453	-10.8%	44,372	37,670	17.8%
S&P 500	0	0	0.0%	0	-	0	0	0.0%
FX Futures								
AD/CD CROSS RATES	2	105	-98.1%	99	-98.0%	153	223	-31.4%
AD/JY CROSS RATES	1,297	6,354	-79.6%	3,939	-67.1%	7,741	23,120	-66.5%
AD/NE CROSS RATES	2,989	2,799	6.8%	4,240	-29.5%	11,164	9,713	14.9%
AUSTRALIAN DOLLAR	1,407,938	1,713,991	-17.9%	2,764,914	-49.1%	7,644,511	7,679,211	-0.5%
BP/JY CROSS RATES	1,241	3,593	-65.5%	8,385	-85.2%	14,808	18,312	-19.1%
BP/SF CROSS RATES	3,362	2,234	50.5%	5,171	-35.0%	13,765	9,093	51.4%
BRAZIL REAL	241,146	353,482	-31.8%	292,233	-17.5%	1,138,161	1,383,957	-17.8%
BRITISH POUND	1,624,791	1,994,971	-18.6%	3,131,760	-48.1%	8,303,047	9,028,447	-8.0%
CANADIAN DOLLAR	1,351,586	1,465,493	-7.8%	2,602,479	-48.1%	6,889,770	6,634,072	3.9%
CD/JY CROSS RATES	0	2	-100.0%	1	-100.0%	6	580	-99.0%
CHILEAN PESO	0	0	0.0%	0	0.0%	3	23	-87.0%
CHINESE RENMINBI (CNH)	11,119	31,385	-64.6%	35,657	-68.8%	98,724	89,414	10.4%
CZECK KORUNA (EC)	0	24	-100.0%	2	-100.0%	4	35	-88.6%
CZECK KORUNA (US)	3	1	200.0%	11	-72.7%	220	11	1,900.0%
EC/AD CROSS RATES	2,582	3,353	-23.0%	12,182	-78.8%	18,055	20,738	-12.9%
EC/CD CROSS RATES	3,588	5,149	-30.3%	16,833	-78.7%	25,601	32,692	-21.7%
EC/NOK CROSS RATES	384	1,113	-65.5%	5,984	-93.6%	9,098	5,380	69.1%
EC/SEK CROSS RATES	454	779	-41.7%	14,333	-96.8%	19,533	9,174	112.9%
EFX/BP CROSS RATES	27,629	57,716	-52.1%	129,438	-78.7%	221,531	372,463	-40.5%
EFX/JY CROSS RATES	24,272	34,019	-28.7%	104,214	-76.7%	184,651	272,641	-32.3%
EFX/SF CROSS RATES	9,794	20,808	-52.9%	64,185	-84.7%	97,148	176,101	-44.8%
E-MICRO USD/CAD	106	111	-4.5%	200	-47.0%	700	1,290	-45.7%
E-MICRO USD/CHF	430	24	1,691.7%	218	97.2%	935	264	254.2%
E-MICRO USD/JPY	4,815	14,206	-66.1%	1,588	203.2%	8,739	26,331	-66.8%
E-MINI EURO FX	103,483	101,541	1.9%	180,148	-42.6%	562,019	518,987	8.3%
E-MINI JAPANESE YEN	7,232	11,266	-35.8%	12,216	-40.8%	44,122	31,599	39.6%
EURO FX	3,403,042	3,582,552	-5.0%	7,343,077	-53.7%	18,685,316	17,946,136	4.1%
HUNGARIAN FORINT (EC)	0	1	-100.0%	6	-100.0%	13	31	-58.1%
HUNGARIAN FORINT (US)	23	2	1,050.0%	25	-8.0%	69	29	137.9%
INDIAN RUPEE	19,800	22,460	-11.8%	27,630	-28.3%	128,609	81,324	58.1%
JAPANESE YEN	2,805,802	2,869,204	-2.2%	4,646,555	-39.6%	13,070,480	10,606,049	23.2%
KOREAN WON	3,467	535	548.0%	1,590	118.1%	5,451	3,117	74.9%
MEXICAN PESO	910,589	825,733	10.3%	2,426,463	-62.5%	5,129,822	4,030,520	27.3%
MICRO AUD/USD	238,337	259,561	-8.2%	323,759	-26.4%	1,145,761	1,042,965	9.9%
MICRO CAD/USD	39,550	47,269	-16.3%	73,924	-46.5%	240,519	212,370	13.3%

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FX Futures								
MICRO CHF/USD	9,905	10,437	-5.1%	16,178	-38.8%	60,392	43,174	39.9%
MICRO EUR/USD	540,156	664,143	-18.7%	807,442	-33.1%	2,749,615	2,751,023	-0.1%
MICRO GBP/USD	53,844	75,259	-28.5%	78,454	-31.4%	284,145	324,304	-12.4%
MICRO INR/USD	430	744	-42.2%	592	-27.4%	2,322	3,318	-30.0%
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	535,882	529,584	1.2%	832,135	-35.6%	2,439,398	2,275,074	7.2%
NKR/USD CROSS RATE	3,604	2,457	46.7%	9,035	-60.1%	18,357	13,907	32.0%
POLISH ZLOTY (EC)	3	66	-95.5%	194	-98.5%	243	618	-60.7%
POLISH ZLOTY (US)	1,046	608	72.0%	2,014	-48.1%	4,524	6,441	-29.8%
RMB USD	0	1	-100.0%	0	0.0%	5	5	0.0%
RUSSIAN RUBLE	0	1,023	-100.0%	0	0.0%	0	585,192	-100.0%
S.AFRICAN RAND	36,000	73,616	-51.1%	118,726	-69.7%	270,315	360,180	-25.0%
SF/JY CROSS RATES	558	837	-33.3%	2,208	-74.7%	3,483	2,200	58.3%
SHEKEL	51	5	920.0%	172	-70.3%	305	44	593.2%
SKR/USD CROSS RATES	2,977	5,063	-41.2%	7,671	-61.2%	19,431	31,229	-37.8%
SWISS FRANC	394,135	381,540	3.3%	616,181	-36.0%	1,744,387	1,871,382	-6.8%
TURKISH LIRA	0	0	0.0%	131	-100.0%	131	128	2.3%
USDZAR	0	0	0.0%	57	-100.0%	97	27	259.3%
FX Options								
AUD/USD MONDAY OPTION WEE	54	85	-36.5%	303	-82.2%	445	1,449	-69.3%
AUD/USD MONDAY OPTION WEE	132	83	59.0%	1,351	-90.2%	2,054	2,329	-11.8%
AUD/USD MONDAY OPTION WEE	137	607	-77.4%	862	-84.1%	1,007	1,497	-32.7%
AUD/USD MONDAY OPTION WEE	140	820	-82.9%	148	-5.4%	1,082	1,613	-32.9%
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	315	779	-59.6%
AUD/USD MONTHLY OPTIONS	70,049	97,757	-28.3%	84,886	-17.5%	226,881	412,119	-44.9%
AUD/USD THURSDAY WKLY OPT	12	0	-	27	-55.6%	72	0	-
AUD/USD THURSDAY WKLY OPT	7	0	-	7	0.0%	52	0	-
AUD/USD THURSDAY WKLY OPT	50	0	-	443	-88.7%	1,104	0	-
AUD/USD THURSDAY WKLY OPT	71	0	-	152	-53.3%	380	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	11	-100.0%	11	0	-
AUD/USD TUESDAY WKLY OPT	50	0	-	72	-30.6%	182	0	-
AUD/USD TUESDAY WKLY OPT	76	0	-	355	-78.6%	1,071	0	-
AUD/USD TUESDAY WKLY OPT	71	0	-	84	-15.5%	338	0	-
AUD/USD TUESDAY WKLY OPT	132	0	-	95	38.9%	290	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	105	0	-
AUD/USD WKLY FRIDAY OPTION	0	20	-100.0%	0	0.0%	0	1,770	-100.0%
AUD/USD WKLY FRIDAY OPTION	1,149	1,098	4.6%	2,739	-58.1%	8,045	8,144	-1.2%
AUD/USD WKLY FRIDAY OPTION	1,357	1,629	-16.7%	2,001	-32.2%	7,678	10,736	-28.5%
AUD/USD WKLY FRIDAY OPTION	3,128	1,277	144.9%	2,109	48.3%	8,594	7,608	13.0%
AUD/USD WKLY FRIDAY OPTION	0	1,463	-100.0%	949	-100.0%	1,267	2,042	-38.0%
AUD/USD WKLY WED OPTIONS -	298	268	11.2%	122	144.3%	797	3,408	-76.6%
AUD/USD WKLY WED OPTIONS -	452	571	-20.8%	196	130.6%	997	2,657	-62.5%
AUD/USD WKLY WED OPTIONS -	252	149	69.1%	95	165.3%	1,105	2,948	-62.5%
AUD/USD WKLY WED OPTIONS -	399	615	-35.1%	199	100.5%	1,520	1,876	-19.0%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	310	-100.0%	310	211	46.9%
BRL/USD MONTHLY OPTIONS	200	184	8.7%	0	0.0%	205	1,781	-88.5%
CAD/USD MONDAY OPTIONS WE	1,073	261	311.1%	1,787	-40.0%	3,627	861	321.3%
CAD/USD MONDAY OPTIONS WE	783	1,339	-41.5%	2,488	-68.5%	6,056	5,844	3.6%

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CAD/USD MONDAY OPTIONS WE	109	2,885	-96.2%	3,493	-96.9%	3,610	3,460	4.3%
CAD/USD MONDAY OPTIONS WE	1,105	1,477	-25.2%	1,064	3.9%	3,846	4,446	-13.5%
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	0	0.0%	247	1,256	-80.3%
CAD/USD MONTHLY OPTIONS	27,363	111,346	-75.4%	117,738	-76.8%	273,569	379,404	-27.9%
CAD/USD THURSDAY WKLY OPT	0	0	-	189	-100.0%	595	0	-
CAD/USD THURSDAY WKLY OPT	4	0	-	465	-99.1%	623	0	-
CAD/USD THURSDAY WKLY OPT	935	0	-	417	124.2%	1,364	0	-
CAD/USD THURSDAY WKLY OPT	21	0	-	860	-97.6%	1,365	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	1,586	-100.0%	1,586	0	-
CAD/USD TUESDAY WKLY OPT	624	0	-	522	19.5%	1,202	0	-
CAD/USD TUESDAY WKLY OPT	110	0	-	2,739	-96.0%	3,070	0	-
CAD/USD TUESDAY WKLY OPT	456	0	-	494	-7.7%	1,415	0	-
CAD/USD TUESDAY WKLY OPT	18	0	-	11	63.6%	224	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	76	0	-
CAD/USD WKLY FRIDAY OPTION	0	165	-100.0%	0	0.0%	0	6,159	-100.0%
CAD/USD WKLY FRIDAY OPTION	1,658	767	116.2%	2,916	-43.1%	12,009	16,102	-25.4%
CAD/USD WKLY FRIDAY OPTION	1,945	6,085	-68.0%	2,989	-34.9%	10,450	23,610	-55.7%
CAD/USD WKLY FRIDAY OPTION	3,301	7,313	-54.9%	5,184	-36.3%	14,529	23,363	-37.8%
CAD/USD WKLY FRIDAY OPTION	0	3,629	-100.0%	4,727	-100.0%	5,073	4,281	18.5%
CAD/USD WKLY WED OPTIONS -	1,372	1,448	-5.2%	950	44.4%	3,956	4,638	-14.7%
CAD/USD WKLY WED OPTIONS -	853	1,258	-32.2%	982	-13.1%	3,028	5,286	-42.7%
CAD/USD WKLY WED OPTIONS -	237	2,887	-91.8%	1,053	-77.5%	4,552	6,819	-33.2%
CAD/USD WKLY WED OPTIONS -	991	1,045	-5.2%	2,762	-64.1%	6,339	7,587	-16.4%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	889	-100.0%	889	2,938	-69.7%
CHF/USD MONTHLY OPTIONS	5,168	5,068	2.0%	7,961	-35.1%	23,215	24,193	-4.0%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	520	-100.0%
CHF/USD WKLY FRIDAY OPTION	720	89	709.0%	506	42.3%	1,534	720	113.1%
CHF/USD WKLY FRIDAY OPTION	614	35	1,654.3%	91	574.7%	1,079	398	171.1%
CHF/USD WKLY FRIDAY OPTION	509	29	1,655.2%	1,452	-64.9%	4,804	742	547.4%
CHF/USD WKLY FRIDAY OPTION	0	14	-100.0%	336	-100.0%	342	14	2,342.9%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0.0%	0	1,954	-100.0%
EUR/GBP WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
EURODOLLARS	5,728	0	-	3,149	81.9%	16,517	0	-
EURO FX	34	0	-	0	-	34	0	-
EUR/USD MONDAY OPTION WEE	1,722	2,155	-20.1%	1,874	-8.1%	8,666	9,118	-5.0%
EUR/USD MONDAY OPTION WEE	866	970	-10.7%	2,136	-59.5%	6,973	14,608	-52.3%
EUR/USD MONDAY OPTION WEE	730	1,628	-55.2%	3,369	-78.3%	5,480	4,306	27.3%
EUR/USD MONDAY OPTION WEE	706	11,266	-93.7%	2,398	-70.6%	7,325	19,917	-63.2%
EUR/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	955	2,856	-66.6%
EUR/USD MONTHLY OPTIONS	198,450	294,346	-32.6%	433,529	-54.2%	1,118,429	1,013,230	10.4%
EUR/USD THURSDAY WKLY OPT	661	0	-	14	4,621.4%	1,031	0	-
EUR/USD THURSDAY WKLY OPT	1,806	0	-	603	199.5%	3,749	0	-
EUR/USD THURSDAY WKLY OPT	95	0	-	201	-52.7%	390	0	-
EUR/USD THURSDAY WKLY OPT	683	0	-	3,316	-79.4%	5,318	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	12	-100.0%	12	0	-
EUR/USD TUESDAY WKLY OPT	29	0	-	169	-82.8%	611	0	-
EUR/USD TUESDAY WKLY OPT	16	0	-	293	-94.5%	541	0	-
EUR/USD TUESDAY WKLY OPT	86	0	-	94	-8.5%	2,095	0	-
EUR/USD TUESDAY WKLY OPT	30	0	-	2,608	-98.8%	3,042	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	128	0	-
EUR/USD WKLY FRIDAY OPTION	0	1,815	-100.0%	0	0.0%	0	26,912	-100.0%

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	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOIUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
FX Options								
EUR/USD WKLY FRIDAY OPTION	17,051	4,830	253.0%	23,423	-27.2%	79,731	70,826	12.6%
EUR/USD WKLY FRIDAY OPTION	7,699	17,186	-55.2%	22,710	-66.1%	86,714	69,859	24.1%
EUR/USD WKLY FRIDAY OPTION	10,145	21,432	-52.7%	112,646	-91.0%	147,789	97,670	51.3%
EUR/USD WKLY FRIDAY OPTION	0	18,300	-100.0%	8,024	-100.0%	8,265	20,596	-59.9%
EUR/USD WKLY WED OPTIONS -	7,211	6,704	7.6%	4,424	63.0%	18,180	28,358	-35.9%
EUR/USD WKLY WED OPTIONS -	5,103	4,158	22.7%	7,339	-30.5%	25,975	21,805	19.1%
EUR/USD WKLY WED OPTIONS -	4,256	4,808	-11.5%	4,608	-7.6%	20,678	22,951	-9.9%
EUR/USD WKLY WED OPTIONS -	5,816	9,198	-36.8%	3,713	56.6%	18,816	27,609	-31.8%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	6,668	-100.0%	6,668	6,363	4.8%
GBP/USD MONDAY OPTION WEE	346	612	-43.5%	726	-52.3%	3,189	2,506	27.3%
GBP/USD MONDAY OPTION WEE	821	797	3.0%	440	86.6%	4,530	3,535	28.1%
GBP/USD MONDAY OPTION WEE	477	1,056	-54.8%	727	-34.4%	2,022	1,545	30.9%
GBP/USD MONDAY OPTION WEE	604	152	297.4%	226	167.3%	1,262	2,596	-51.4%
GBP/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	400	361	10.8%
GBP/USD MONTHLY OPTIONS	49,088	94,620	-48.1%	64,700	-24.1%	243,181	290,751	-16.4%
GBP/USD THURSDAY WKLY OPT	400	0	-	120	233.3%	996	0	-
GBP/USD THURSDAY WKLY OPT	61	0	-	90	-32.2%	512	0	-
GBP/USD THURSDAY WKLY OPT	912	0	-	47	1,840.4%	1,403	0	-
GBP/USD THURSDAY WKLY OPT	116	0	-	30	286.7%	468	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	61	-100.0%	61	0	-
GBP/USD TUESDAY WKLY OPT	193	0	-	120	60.8%	785	0	-
GBP/USD TUESDAY WKLY OPT	954	0	-	105	808.6%	1,518	0	-
GBP/USD TUESDAY WKLY OPT	2	0	-	44	-95.5%	560	0	-
GBP/USD TUESDAY WKLY OPT	119	0	-	180	-33.9%	827	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	225	0	-
GBP/USD WKLY FRIDAY OPTION	0	24	-100.0%	0	0.0%	0	3,422	-100.0%
GBP/USD WKLY FRIDAY OPTION	5,395	2,366	128.0%	2,914	85.1%	15,450	9,639	60.3%
GBP/USD WKLY FRIDAY OPTION	8,804	3,199	175.2%	2,425	263.1%	17,317	16,692	3.7%
GBP/USD WKLY FRIDAY OPTION	1,806	2,723	-33.7%	1,633	10.6%	7,058	14,038	-49.7%
GBP/USD WKLY FRIDAY OPTION	0	3,692	-100.0%	2,287	-100.0%	2,925	5,170	-43.4%
GBP/USD WKLY WED OPTIONS -	1,864	1,760	5.9%	924	101.7%	3,484	6,996	-50.2%
GBP/USD WKLY WED OPTIONS -	323	314	2.9%	568	-43.1%	5,456	2,300	137.2%
GBP/USD WKLY WED OPTIONS -	327	808	-59.5%	2,227	-85.3%	4,106	5,548	-26.0%
GBP/USD WKLY WED OPTIONS -	175	993	-82.4%	1,064	-83.6%	2,068	5,909	-65.0%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	93	-100.0%	93	330	-71.8%
JPY/USD MONDAY OPTION WEE	334	732	-54.4%	552	-39.5%	3,282	2,016	62.8%
JPY/USD MONDAY OPTION WEE	741	1,095	-32.3%	4,392	-83.1%	8,818	4,230	108.5%
JPY/USD MONDAY OPTION WEE	54	419	-87.1%	1,612	-96.7%	1,733	552	213.9%
JPY/USD MONDAY OPTION WEE	884	1,360	-35.0%	97	811.3%	2,384	3,578	-33.4%
JPY/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	1,047	51	1,952.9%
JPY/USD MONTHLY OPTIONS	63,523	218,296	-70.9%	106,240	-40.2%	367,466	616,577	-40.4%
JPY/USD THURSDAY WKLY OPT	3	0	-	53	-94.3%	72	0	-
JPY/USD THURSDAY WKLY OPT	6	0	-	21	-71.4%	68	0	-
JPY/USD THURSDAY WKLY OPT	17	0	-	12	41.7%	136	0	-
JPY/USD THURSDAY WKLY OPT	27	0	-	0	0.0%	27	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	157	-100.0%	157	0	-
JPY/USD TUESDAY WKLY OPT W	20	0	-	26	-23.1%	49	0	-
JPY/USD TUESDAY WKLY OPT W	19	0	-	516	-96.3%	1,405	0	-
JPY/USD TUESDAY WKLY OPT W	2	0	-	4	-50.0%	77	0	-
JPY/USD TUESDAY WKLY OPT W	103	0	-	10	930.0%	892	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	0.0%	5	0	-

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	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOIUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
FX Options								
JPY/USD WKLY FRIDAY OPTION	0	159	-100.0%	0	0.0%	0	11,314	-100.0%
JPY/USD WKLY FRIDAY OPTION	4,809	2,490	93.1%	9,539	-49.6%	29,024	35,463	-18.2%
JPY/USD WKLY FRIDAY OPTION	7,179	10,649	-32.6%	8,664	-17.1%	37,233	42,736	-12.9%
JPY/USD WKLY FRIDAY OPTION	9,117	7,481	21.9%	6,289	45.0%	26,734	40,954	-34.7%
JPY/USD WKLY FRIDAY OPTION	0	15,414	-100.0%	4,641	-100.0%	4,643	16,096	-71.2%
JPY/USD WKLY WED OPTIONS -	3,239	4,109	-21.2%	1,951	66.0%	12,031	13,276	-9.4%
JPY/USD WKLY WED OPTIONS -	2,238	2,406	-7.0%	3,449	-35.1%	11,216	11,597	-3.3%
JPY/USD WKLY WED OPTIONS -	2,507	1,696	47.8%	4,534	-44.7%	15,486	8,892	74.2%
JPY/USD WKLY WED OPTIONS -	1,955	3,556	-45.0%	1,975	-1.0%	11,340	10,783	5.2%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	1,298	-100.0%	1,298	2,857	-54.6%
MXN/USD MONTHLY OPTIONS	344	3,496	-90.2%	411	-16.3%	1,138	6,306	-82.0%
MXN/USD WKLY FRIDAY OPTION	0	17	-100.0%	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	519	421	23.3%	113	359.3%	74,077	481	15,300.6%
NZD/USD WKLY FRIDAY OPTION	1	0	-	0	0.0%	2	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
PY/USD THURSDAY WKLY OPT	0	0	-	25	-100.0%	47	0	-
PY/USD TUESDAY WKLY OPT W	197	0	-	652	-69.8%	855	0	-
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	-	0	0	0.0%
ZAR/USD MONTHLY OPTIONS	0	0	-	0	0.0%	730	0	-

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	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOIUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Futures								
BLOCK CHEESE	205	195	5.1%	491	-58.2%	1,183	1,713	-30.9%
BUTTER CS	2,768	3,578	-22.6%	3,745	-26.1%	13,439	19,365	-30.6%
CASH-SETTLED CHEESE	12,994	7,597	71.0%	13,802	-5.9%	49,005	40,372	21.4%
CAT ASIA WEATHER	0	0	0.0%	0	-	0	0	0.0%
CATTLE	1,059,419	1,014,173	4.5%	1,660,785	-36.2%	5,186,759	5,087,315	2.0%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
CDD SEASONAL STRIP	1,250	1,550	-19.4%	2,450	-49.0%	3,700	2,600	42.3%
CDD WEATHER	500	2,750	-81.8%	0	0.0%	500	4,750	-89.5%
CLASS IV MILK	396	1,737	-77.2%	553	-28.4%	2,577	10,496	-75.4%
DRY WHEY	1,540	1,028	49.8%	1,352	13.9%	4,717	4,251	11.0%
FEEDER CATTLE	367,492	282,185	30.2%	439,290	-16.3%	1,390,195	1,092,730	27.2%
GOLDMAN SACHS	1,821	3,369	-45.9%	3,032	-39.9%	9,900	15,436	-35.9%
GSCI EXCESS RETURN FUT	1,646	4,488	-63.3%	76,648	-97.9%	81,267	158,655	-48.8%
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%	0	0.0%	2,000	8,000	-75.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	7,500	3,875	93.5%
HOGS	787,400	735,737	7.0%	1,344,292	-41.4%	4,002,951	3,841,636	4.2%
HOUSING INDEX	11	3	266.7%	18	-38.9%	64	45	42.2%
LUMBER	13,611	7,007	94.2%	13,829	-1.6%	52,348	33,309	57.2%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	25,564	27,800	-8.0%	30,507	-16.2%	105,362	126,343	-16.6%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	3,898	6,235	-37.5%	6,265	-37.8%	22,397	28,532	-21.5%
OTC SP GSCI ER SWAP	17,981	0	-	5,934	203.0%	56,430	0	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	1,811	1,716	5.5%	1,295	39.8%	5,354	10,029	-46.6%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	28,190	23,240	21.3%	36,050	-21.8%	121,204	91,609	32.3%



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	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOIUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Options								
BLOCK CHEESE	199	253	-21.3%	318	-37.4%	707	863	-18.1%
BUTTER CS	1,989	1,420	40.1%	2,410	-17.5%	7,396	5,955	24.2%
CASH-SETTLED CHEESE	5,444	3,341	62.9%	7,055	-22.8%	22,514	33,908	-33.6%
CATTLE	266,506	255,626	4.3%	365,190	-27.0%	1,069,629	871,336	22.8%
CDD SEASONAL STRIP	19,500	4,250	358.8%	3,000	550.0%	40,500	9,750	315.4%
CDD WEATHER	5,000	0	0.0%	6,000	-16.7%	59,000	0	0.0%
CLASS IV MILK	4,124	5,843	-29.4%	7,246	-43.1%	25,111	26,466	-5.1%
DRY WHEY	10	22	-54.5%	35	-71.4%	73	2,557	-97.1%
FEEDER CATTLE	49,329	40,294	22.4%	84,762	-41.8%	232,122	143,303	62.0%
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%	0	0.0%	29,700	4,800	518.8%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	20,000	1,000	1,900.0%
HOGS	205,019	172,342	19.0%	346,741	-40.9%	1,056,938	963,113	9.7%
LUMBER	127	491	-74.1%	191	-33.5%	881	2,220	-60.3%
LV CATL CSO	0	0	-	0	0.0%	30	0	-
MILK	17,326	20,226	-14.3%	30,468	-43.1%	89,211	78,310	13.9%
MLK MID OPTIONS	1	6	-83.3%	2	-50.0%	12	43	-72.1%
NFD MILK	3,448	4,911	-29.8%	5,070	-32.0%	18,711	20,722	-9.7%
PORK CUTOUT	5	5	0.0%	0	0.0%	7	35	-80.0%

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	VOLUME APR 2023	VOLUME APR 2022	% CHG	VOIUME MAR 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	50,009,937	63,222,070	-20.9%	128,744,429	-61.2%	318,670,796	307,072,271	3.8%
Equity Index Futures	82,022,830	103,609,210	-20.8%	143,939,216	-43.0%	429,959,554	492,044,908	-12.6%
FX Futures	13,829,444	15,177,219	-8.9%	26,724,649	-48.3%	71,317,399	68,636,379	3.9%
Ag Products Futures	2,328,497	2,124,388	9.6%	3,640,338	-36.0%	11,118,852	10,581,061	5.1%
TOTAL FUTURES	148,190,708	184,132,887	-19.5%	303,048,632	-51.1%	831,066,601	878,334,619	-5.4%
TOTAL OPTIONS GROUP								
Equity Index Options	20,458,154	22,191,720	-7.8%	33,801,402	-39.5%	103,534,561	96,563,719	7.2%
Interest Rate Options	29,181,762	17,753,033	64.4%	69,894,010	-58.2%	188,228,748	112,491,215	67.3%
FX Options	567,733	1,039,474	-45.4%	1,150,471	-50.7%	3,187,661	3,643,660	-12.5%
Ag Products Options	578,027	509,030	13.6%	858,488	-32.7%	2,672,542	2,164,381	23.5%
TOTAL OPTIONS	50,785,676	41,493,257	22.4%	105,704,371	-52.0%	297,623,512	214,862,975	38.5%
TOTAL COMBINED								
Interest Rate	79,191,699	80,975,103	-2.2%	198,638,439	-60.1%	506,899,544	419,563,486	20.8%
Equity Index	102,480,984	125,800,930	-18.5%	177,740,618	-42.3%	533,494,115	588,608,627	-9.4%
FX	14,397,177	16,216,693	-11.2%	27,875,120	-48.4%	74,505,060	72,280,039	3.1%
Ag Products	2,906,524	2,633,418	10.4%	4,498,826	-35.4%	13,791,394	12,745,442	8.2%
GRAND TOTAL	198,976,384	225,626,144	-11.8%	408,753,003	-51.3%	1,128,690,113	1,093,197,594	3.2%

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