

CME Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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
Interest Rate Futures												
1-MONTH EURODOLLAR	0	0	0.0%	33	0	0.0%	0	0	0.0%	57	0	0.0%
BSBY 3-MONTH FUTURES	0	-	-	66,049	-	-	0	-	-	362,704	-	-
EURODOLLARS	542,998	396,121	37.1%	34,013,679	37,355,676	-8.9%	3,156,001	1,713,253	84.2%	198,098,017	199,158,460	-0.5%
SOFR	23,744	0	0.0%	27,888,536	2,322,470	1,100.8%	50,700	0	0.0%	101,824,483	8,937,780	1,039.3%
SONIA	0	0	0.0%	12	92,264	-100.0%	0	0	0.0%	1,046	554,379	-99.8%
TIIE	0	-	-	60	-	-	0	-	-	443	-	-
Interest Rate Options												
EURODOLLARS	6,675,501	2,230,270	199.3%	2,062,114	727,139	183.6%	42,837,882	11,290,421	279.4%	17,306,275	5,788,250	199.0%
EURO MIDCURVE	4,119,939	10,036,046	-58.9%	1,921,876	4,577,373	-58.0%	27,722,503	41,007,727	-32.4%	13,977,557	22,105,058	-36.8%
SOFR	822,626	0	0.0%	94,773	10	947,630.0%	1,543,466	2,000	77,073.3%	230,989	730	31,542.3%
SOFR MIDCURVE	366,258	0	0.0%	65,524	0	0.0%	1,119,541	0	0.0%	272,074	50	544,048.0%
Equity Index Futures												
BITCOIN	0	0	0.0%	142,178	195,747	-27.4%	0	0	0.0%	659,053	1,016,188	-35.1%
E-MINI COM SERVICES SELEC	0	0	0.0%	2,463	2,157	14.2%	0	0	0.0%	12,114	10,731	12.9%
E-mini FTSE China 50	0	0	0.0%	2,286	0	0.0%	0	0	0.0%	5,670	0	0.0%
E-MINI MIDCAP	0	0	0.0%	275,672	192,084	43.5%	0	0	0.0%	1,402,541	1,000,377	40.2%
E-MINI NASDAQ 100	0	0	0.0%	12,833,213	10,498,141	22.2%	0	0	0.0%	58,050,177	47,248,203	22.9%
E-MINI RUSSELL 1000	0	0	0.0%	2,572	1,129	127.8%	0	0	0.0%	12,959	11,503	12.7%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,236	900	148.4%	0	0	0.0%	23,536	10,876	116.4%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,947	2,965	-0.6%	0	0	0.0%	29,302	37,377	-21.6%
E-MINI RUSSELL 2000	0	0	0.0%	4,093,448	3,512,212	16.5%	0	0	0.0%	20,313,787	16,809,336	20.8%
E-MINI S&P500	0	0	0.0%	31,985,854	28,360,747	12.8%	0	0	0.0%	152,272,869	138,971,369	9.6%
E-MINI S&P500 ESG	0	0	0.0%	8,328	8,434	-1.3%	0	0	0.0%	127,591	56,476	125.9%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	1,564	2,515	-37.8%	0	0	0.0%	15,556	13,052	19.2%
ETHER FUTURES	0	0	0.0%	83,556	50,063	66.9%	0	0	0.0%	404,271	79,200	410.4%
FT-SE 100	0	0	0.0%	0	0	0.0%	0	0	0.0%	892	4	22,200.0%
FTSE Emerging	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	152	97	56.7%	0	0	0.0%	286	955	-70.1%
MICRO BITCOIN	0	-	-	301,663	-	-	0	-	-	1,529,151	-	-

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Equity Index Futures												
MICRO E-MINI NASDAQ 100	0	0	0.0%	26,355,938	18,490,117	42.5%	0	0	0.0%	125,785,378	85,115,957	47.8%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,143,263	2,807,886	-23.7%	0	0	0.0%	13,103,467	14,194,591	-7.7%
MICRO E-MINI S&P500	0	0	0.0%	23,566,020	16,440,689	43.3%	0	0	0.0%	108,288,349	80,727,088	34.1%
MICRO ETHER	0	-	-	393,063	-	-	0	-	-	1,575,884	-	-
NASDAQ-100 VOLATILITY	0	0	0.0%	1,999	8	24,887.5%	0	0	0.0%	14,145	10	141,350.0%
NASDAQ BIOTECH	0	0	0.0%	165	93	77.4%	0	0	0.0%	578	2,286	-74.7%
Nearby BTIC+	0	0	0.0%	1,600	50	3,100.0%	0	0	0.0%	2,350	104	2,159.6%
NIKKEI 225 (\$) STOCK	0	0	0.0%	93,197	98,978	-5.8%	0	0	0.0%	518,742	545,006	-4.8%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	605,313	510,293	18.6%	0	0	0.0%	3,416,975	2,645,944	29.1%
S&P 500	0	0	0.0%	201	2,140	-90.6%	0	0	0.0%	410	9,554	-95.7%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	20,463	15,558	31.5%	0	0	0.0%	118,908	55,963	112.5%
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%	501	0	0.0%	0	0	0.0%	927	447	107.4%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	4,734	4,067	16.4%	0	0	0.0%	30,427	47,863	-36.4%
S&P CONSUMER STAPLES SE	0	0	0.0%	11,117	10,815	2.8%	0	0	0.0%	55,248	62,735	-11.9%
S&P ENERGY SECTOR	0	0	0.0%	22,987	16,303	41.0%	0	0	0.0%	164,600	114,967	43.2%
S&P FINANCIAL SECTOR	0	0	0.0%	13,622	13,371	1.9%	0	0	0.0%	95,299	136,484	-30.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	11,638	7,742	50.3%	0	0	0.0%	72,014	54,362	32.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	8,168	4,071	100.6%	0	0	0.0%	52,465	36,846	42.4%
S&P MATERIALS SECTOR	0	0	0.0%	4,190	2,819	48.6%	0	0	0.0%	27,912	34,668	-19.5%
S&P TECHNOLOGY SECTOR	0	0	0.0%	10,429	6,029	73.0%	0	0	0.0%	81,983	46,909	74.8%
S&P UTILITIES SECTOR	0	0	0.0%	12,194	10,088	20.9%	0	0	0.0%	68,116	57,296	18.9%
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%	89	221	-59.7%	0	0	0.0%	480	668	-28.1%
YEN DENOMINATED TOPIX	0	0	0.0%	2,756	1,415	94.8%	0	0	0.0%	15,168	5,839	159.8%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	898	1,249	-28.1%	0	0	0.0%	4,044	5,195	-22.2%
E-MINI NASDAQ 100	0	0	0.0%	944,959	447,608	111.1%	0	0	0.0%	3,404,253	2,007,250	69.6%
E-mini Russell 2000	0	0	0.0%	120,721	76,738	57.3%	0	0	0.0%	509,876	336,862	51.4%
E-MINI RUSSELL 2000	0	0	0.0%	21,406	18,162	17.9%	0	0	0.0%	133,055	122,927	8.2%
E-mini S&P 500	0	0	0.0%	10,201,216	6,020,467	69.4%	0	0	0.0%	46,451,513	25,610,597	81.4%
E-MINI S&P500	0	0	0.0%	9,131,791	4,390,217	108.0%	0	0	0.0%	38,948,906	21,896,375	77.9%
EOM S&P 500	0	0	0.0%	0	1,260	-100.0%	0	0	0.0%	0	1,300	-100.0%
MICRO BITCOIN	0	-	-	3,576	-	-	0	-	-	3,673	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	49,261	29,384	67.6%	0	0	0.0%	213,662	73,508	190.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	7,529	2,553	194.9%	0	0	0.0%	53,557	13,785	288.5%
Micro E-mini S&P 500	0	0	0.0%	165,994	121,877	36.2%	0	0	0.0%	1,022,396	519,505	96.8%
MICRO ETHER	0	-	-	2,570	-	-	0	-	-	2,670	-	-
S&P 500	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	18	20	-10.0%	0	0	0.0%	136	44	209.1%
AD/JY CROSS RATES	0	0	0.0%	6,354	1,391	356.8%	0	0	0.0%	23,015	8,912	158.2%
AD/NE CROSS RATES	0	0	0.0%	2,758	153	1,702.6%	0	0	0.0%	6,830	674	913.4%
AUSTRALIAN DOLLAR	0	0	0.0%	1,703,463	1,735,122	-1.8%	0	0	0.0%	7,614,371	8,788,816	-13.4%
BP/JY CROSS RATES	0	0	0.0%	3,578	1,795	99.3%	0	0	0.0%	14,086	8,714	61.6%
BP/SF CROSS RATES	0	0	0.0%	1,766	417	323.5%	0	0	0.0%	8,625	2,363	265.0%
BRAZIL REAL	0	0	0.0%	279,548	205,668	35.9%	0	0	0.0%	1,159,596	872,110	33.0%
BRITISH POUND	0	0	0.0%	1,964,282	1,624,503	20.9%	0	0	0.0%	8,837,275	7,407,509	19.3%
CANADIAN DOLLAR	0	0	0.0%	1,457,861	1,497,971	-2.7%	0	0	0.0%	6,605,931	6,465,772	2.2%
CD/JY CROSS RATES	0	0	0.0%	2	11	-81.8%	0	0	0.0%	245	544	-55.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	31,385	9,491	230.7%	0	0	0.0%	89,414	58,826	52.0%
CZECK KORUNA (EC)	0	0	0.0%	2	0	0.0%	0	0	0.0%	13	2	550.0%
CZECK KORUNA (US)	0	0	0.0%	1	1	0.0%	0	0	0.0%	11	3	266.7%
EC/AD CROSS RATES	0	0	0.0%	3,353	2,097	59.9%	0	0	0.0%	20,220	18,018	12.2%
EC/CD CROSS RATES	0	0	0.0%	5,133	3,883	32.2%	0	0	0.0%	31,181	24,558	27.0%
EC/NOK CROSS RATES	0	0	0.0%	1,058	141	650.4%	0	0	0.0%	4,571	2,355	94.1%
EC/SEK CROSS RATES	0	0	0.0%	779	261	198.5%	0	0	0.0%	8,148	2,383	241.9%

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FX Futures												
EFX/BP CROSS RATES	0	0	0.0%	55,552	23,624	135.2%	0	0	0.0%	366,383	209,282	75.1%
EFX/JY CROSS RATES	0	0	0.0%	31,099	19,784	57.2%	0	0	0.0%	247,108	129,471	90.9%
EFX/SF CROSS RATES	0	0	0.0%	20,739	11,613	78.6%	0	0	0.0%	162,402	79,406	104.5%
E-MICRO USD/CAD	0	-	-	111	-	-	0	-	-	1,290	-	-
E-MICRO USD/CHF	0	-	-	24	-	-	0	-	-	264	-	-
E-MICRO USD/JPY	0	-	-	14,206	-	-	0	-	-	26,331	-	-
E-MINI EURO FX	0	0	0.0%	101,541	91,207	11.3%	0	0	0.0%	518,987	568,393	-8.7%
E-MINI JAPANESE YEN	0	0	0.0%	11,266	7,023	60.4%	0	0	0.0%	31,599	40,416	-21.8%
EURO FX	0	0	0.0%	3,565,524	3,357,827	6.2%	0	0	0.0%	17,671,971	16,298,674	8.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	1	0	0.0%	0	0	0.0%	1	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	2	1	100.0%	0	0	0.0%	29	61	-52.5%
INDIAN RUPEE	0	0	0.0%	22,258	12,237	81.9%	0	0	0.0%	79,768	63,765	25.1%
JAPANESE YEN	0	0	0.0%	2,851,796	2,203,850	29.4%	0	0	0.0%	10,478,256	8,613,350	21.7%
KOREAN WON	0	0	0.0%	285	1,723	-83.5%	0	0	0.0%	1,746	7,732	-77.4%
MEXICAN PESO	0	0	0.0%	812,434	756,929	7.3%	0	0	0.0%	3,997,047	4,387,568	-8.9%
MICRO AUD/USD	0	0	0.0%	259,561	198,181	31.0%	0	0	0.0%	1,042,965	994,518	4.9%
MICRO CAD/USD	0	0	0.0%	47,269	49,130	-3.8%	0	0	0.0%	212,370	189,814	11.9%
MICRO CHF/USD	0	0	0.0%	10,437	6,733	55.0%	0	0	0.0%	43,174	38,704	11.5%
MICRO EUR/USD	0	0	0.0%	664,143	407,013	63.2%	0	0	0.0%	2,751,023	2,143,973	28.3%
MICRO GBP/USD	0	0	0.0%	75,259	69,348	8.5%	0	0	0.0%	324,304	280,531	15.6%
MICRO INR/USD	0	0	0.0%	744	2,094	-64.5%	0	0	0.0%	3,318	9,250	-64.1%
MICRO JPY/USD	0	0	0.0%	0	30,782	-100.0%	0	0	0.0%	101,719	121,749	-16.5%
MICRO USD/CNH	0	0	0.0%	0	3	-100.0%	0	0	0.0%	2	7	-71.4%
NEW ZEALND DOLLAR	0	0	0.0%	519,176	458,788	13.2%	0	0	0.0%	2,229,431	2,480,668	-10.1%
NKR/USD CROSS RATE	0	0	0.0%	2,257	3,968	-43.1%	0	0	0.0%	13,013	18,612	-30.1%
POLISH ZLOTY (EC)	0	0	0.0%	66	47	40.4%	0	0	0.0%	608	562	8.2%
POLISH ZLOTY (US)	0	0	0.0%	608	380	60.0%	0	0	0.0%	5,754	4,223	36.3%
RMB USD	0	0	0.0%	1	0	0.0%	0	0	0.0%	5	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	1,023	83,722	-98.8%	0	0	0.0%	574,649	388,683	47.8%
S.AFRICAN RAND	0	0	0.0%	72,531	32,603	122.5%	0	0	0.0%	335,842	199,566	68.3%
SF/JY CROSS RATES	0	0	0.0%	829	40	1,972.5%	0	0	0.0%	1,489	114	1,206.1%
SHEKEL	0	0	0.0%	5	1	400.0%	0	0	0.0%	44	11	300.0%
SKR/USD CROSS RATES	0	0	0.0%	4,055	3,872	4.7%	0	0	0.0%	23,715	17,038	39.2%
SWISS FRANC	0	0	0.0%	381,453	397,325	-4.0%	0	0	0.0%	1,862,739	1,900,096	-2.0%
TURKISH LIRA	0	0	0.0%	0	4	-100.0%	0	0	0.0%	0	8	-100.0%

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FX Futures												
USDZAR	0	0	0.0%	0	4	-100.0%	0	0	0.0%	27	49	-44.9%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	85	657	-87.1%	0	0	0.0%	1,449	1,939	-25.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	83	99	-16.2%	0	0	0.0%	2,329	1,531	52.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	607	204	197.5%	0	0	0.0%	1,497	1,842	-18.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	820	661	24.1%	0	0	0.0%	1,613	1,852	-12.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	779	23	3,287.0%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	94,994	44,003	115.9%	0	0	0.0%	265,848	180,520	47.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	20	136	-85.3%	0	0	0.0%	1,420	958	48.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	782	1,219	-35.8%	0	0	0.0%	7,828	6,592	18.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,311	1,831	-28.4%	0	0	0.0%	9,714	10,120	-4.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	961	3,287	-70.8%	0	0	0.0%	6,236	14,211	-56.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,463	1,482	-1.3%	0	0	0.0%	1,720	3,069	-44.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	268	1,077	-75.1%	0	0	0.0%	3,108	4,084	-23.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	571	517	10.4%	0	0	0.0%	2,657	3,194	-16.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	62	133	-53.4%	0	0	0.0%	936	2,122	-55.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	615	541	13.7%	0	0	0.0%	1,876	4,498	-58.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	211	564	-62.6%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	184	640	-71.3%	0	0	0.0%	1,781	1,626	9.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	261	692	-62.3%	0	0	0.0%	861	3,524	-75.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,339	674	98.7%	0	0	0.0%	5,844	2,639	121.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,885	305	845.9%	0	0	0.0%	3,460	1,261	174.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,477	343	330.6%	0	0	0.0%	4,446	2,028	119.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,256	612	105.2%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	57,831	52,852	9.4%	0	0	0.0%	242,216	198,332	22.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	165	13	1,169.2%	0	0	0.0%	5,805	6,368	-8.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	431	1,257	-65.7%	0	0	0.0%	15,166	11,770	28.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,753	5,233	9.9%	0	0	0.0%	22,220	23,057	-3.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,989	5,908	18.3%	0	0	0.0%	21,961	26,737	-17.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,629	3,968	-8.5%	0	0	0.0%	4,281	9,870	-56.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,448	564	156.7%	0	0	0.0%	4,638	3,913	18.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,258	661	90.3%	0	0	0.0%	5,286	4,910	7.7%

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CME Exchange Volume Comparison Report - Monthly

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FX Options												
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,887	599	382.0%	0	0	0.0%	6,819	4,298	58.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,045	2,078	-49.7%	0	0	0.0%	7,587	3,629	109.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,938	1,221	140.6%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	5,068	7,136	-29.0%	0	0	0.0%	24,193	17,358	39.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	20	-100.0%	0	0	0.0%	520	56	828.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	89	18	394.4%	0	0	0.0%	720	672	7.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	35	678	-94.8%	0	0	0.0%	398	1,154	-65.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	29	420	-93.1%	0	0	0.0%	742	1,877	-60.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	14	17	-17.6%	0	0	0.0%	14	22	-36.4%
EUR/GBP MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	204	-	-
EUR/GBP WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,155	1,693	27.3%	0	0	0.0%	9,118	5,520	65.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	970	1,717	-43.5%	0	0	0.0%	13,408	4,800	179.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,628	572	184.6%	0	0	0.0%	4,306	1,234	248.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	9,666	1,540	527.7%	0	0	0.0%	15,917	8,210	93.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,856	1,587	80.0%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	241,842	194,950	24.1%	0	0	0.0%	944,182	821,848	14.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,815	200	807.5%	0	0	0.0%	24,510	11,898	106.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,440	2,103	111.1%	0	0	0.0%	66,400	38,363	73.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,796	17,337	-3.1%	0	0	0.0%	67,245	79,841	-15.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	21,050	14,365	46.5%	0	0	0.0%	89,868	63,616	41.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	18,300	17,252	6.1%	0	0	0.0%	20,204	33,497	-39.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,904	10,706	-44.9%	0	0	0.0%	26,808	25,806	3.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,158	6,190	-32.8%	0	0	0.0%	21,805	27,196	-19.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,808	9,597	-49.9%	0	0	0.0%	22,551	29,516	-23.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,198	7,651	20.2%	0	0	0.0%	24,509	33,837	-27.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,113	5,639	8.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	612	495	23.6%	0	0	0.0%	2,506	1,188	110.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	797	1,305	-38.9%	0	0	0.0%	3,535	1,681	110.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,056	126	738.1%	0	0	0.0%	1,545	1,103	40.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	152	0	0.0%	0	0	0.0%	2,596	492	427.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	361	400	-9.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	85,498	59,984	42.5%	0	0	0.0%	267,841	294,985	-9.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	24	21	14.3%	0	0	0.0%	2,814	1,768	59.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,784	1,335	33.6%	0	0	0.0%	8,261	8,483	-2.6%

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FX Options												
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,621	2,156	21.6%	0	0	0.0%	12,456	10,169	22.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,147	2,625	-18.2%	0	0	0.0%	11,838	11,427	3.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,892	2,138	35.3%	0	0	0.0%	3,774	3,486	8.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,760	2,343	-24.9%	0	0	0.0%	6,996	4,450	57.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	314	480	-34.6%	0	0	0.0%	2,300	3,385	-32.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	808	965	-16.3%	0	0	0.0%	5,068	2,720	86.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	993	2,556	-61.2%	0	0	0.0%	3,589	4,497	-20.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	330	1,655	-80.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	732	276	165.2%	0	0	0.0%	2,016	1,637	23.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,095	168	551.8%	0	0	0.0%	4,230	1,075	293.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	419	108	288.0%	0	0	0.0%	552	837	-34.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,360	0	0.0%	0	0	0.0%	3,578	517	592.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.0%	0	0	0.0%	51	313	-83.7%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	201,937	60,374	234.5%	0	0	0.0%	562,414	311,907	80.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	159	3	5,200.0%	0	0	0.0%	10,796	8,167	32.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,958	1,613	21.4%	0	0	0.0%	34,511	17,094	101.9%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,103	6,216	62.5%	0	0	0.0%	41,132	36,914	11.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,481	6,951	7.6%	0	0	0.0%	39,888	30,549	30.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	15,414	8,219	87.5%	0	0	0.0%	15,568	16,475	-5.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,109	3,210	28.0%	0	0	0.0%	13,276	9,566	38.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,406	3,024	-20.4%	0	0	0.0%	11,597	11,199	3.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,696	2,489	-31.9%	0	0	0.0%	8,892	8,977	-0.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,556	2,443	45.6%	0	0	0.0%	10,783	10,692	0.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,857	2,493	14.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	496	294	68.7%	0	0	0.0%	3,306	3,010	9.8%
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%	17	0	0.0%	0	0	0.0%	17	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	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%	0	0	0.0%
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%	421	27	1,459.3%	0	0	0.0%	481	292	64.7%
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	-	-
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%

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Foreign Exchange Futures												
CHILEAN PESO	0	-	-	0	-	-	0	-	-	23	-	-
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	87	146	-40.4%	0	0	0.0%	2,012	2,793	-28.0%

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Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	195	1,308	-85.1%	0	0	0.0%	1,042	2,828	-63.2%
BUTTER CS	0	0	0.0%	3,543	3,728	-5.0%	0	0	0.0%	18,534	17,134	8.2%
CASH-SETTLED CHEESE	0	0	0.0%	7,523	11,284	-33.3%	0	0	0.0%	35,969	47,661	-24.5%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,013,251	1,138,635	-11.0%	0	0	0.0%	5,078,463	4,928,557	3.0%
CAT WEATHER EUROPEAN	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%	1,464	724	102.2%	0	0	0.0%	9,429	2,442	286.1%
DRY WHEY	0	0	0.0%	1,028	3,090	-66.7%	0	0	0.0%	3,934	9,768	-59.7%
FEEDER CATTLE	0	0	0.0%	282,185	286,364	-1.5%	0	0	0.0%	1,091,656	1,004,328	8.7%
GOLDMAN SACHS	0	0	0.0%	2,501	9,364	-73.3%	0	0	0.0%	12,903	49,308	-73.8%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	75	-100.0%
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	-	-
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%	733,783	867,015	-15.4%	0	0	0.0%	3,827,747	3,686,747	3.8%
HOUSING INDEX	0	0	0.0%	3	21	-85.7%	0	0	0.0%	45	51	-11.8%
LUMBER	0	0	0.0%	6,825	11,803	-42.2%	0	0	0.0%	32,816	37,876	-13.4%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	27,453	24,403	12.5%	0	0	0.0%	121,472	97,079	25.1%
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%	6,177	5,377	14.9%	0	0	0.0%	28,126	24,115	16.6%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PORK CUTOOUT	0	0	0.0%	1,716	1,919	-10.6%	0	0	0.0%	10,029	15,688	-36.1%
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%

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Ag Products Options												
BLOCK CHEESE	0	0	0.0%	253	597	-57.6%	0	0	0.0%	863	1,607	-46.3%
BUTTER CS	0	0	0.0%	780	2,484	-68.6%	0	0	0.0%	4,706	10,763	-56.3%
CASH-SETTLED CHEESE	0	0	0.0%	2,621	5,084	-48.4%	0	0	0.0%	28,078	35,077	-20.0%
CATTLE	0	0	0.0%	255,626	210,393	21.5%	0	0	0.0%	866,136	804,587	7.6%
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%	5,843	3,306	76.7%	0	0	0.0%	26,352	12,165	116.6%
DRY WHEY	0	0	0.0%	22	744	-97.0%	0	0	0.0%	2,089	1,234	69.3%
FEEDER CATTLE	0	0	0.0%	40,294	27,214	48.1%	0	0	0.0%	142,680	84,840	68.2%
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%	171,292	157,997	8.4%	0	0	0.0%	948,413	718,015	32.1%
HOUSING INDEX	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LUMBER	0	0	0.0%	491	883	-44.4%	0	0	0.0%	2,220	3,152	-29.6%
LV CATL CSO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MILK	0	0	0.0%	18,269	25,424	-28.1%	0	0	0.0%	75,866	116,874	-35.1%
MLK MID OPTIONS	0	0	0.0%	6	6	0.0%	0	0	0.0%	43	9	377.8%
NFD MILK	0	0	0.0%	3,881	3,464	12.0%	0	0	0.0%	16,532	15,589	6.0%
PORK CUTOUT	0	0	0.0%	5	76	-93.4%	0	0	0.0%	35	630	-94.4%
TOTAL FUTURES GROUP												
Interest Rate Futures	566,742	396,121	43.1%	61,968,369	39,770,410	55.8%	3,206,701	1,713,253	87.2%	300,286,750	208,650,619	43.9%
Equity Index Futures	0	0	0.0%	103,021,779	81,269,944	26.8%	0	0	0.0%	488,349,580	389,161,239	25.5%
FX Futures	0	0	0.0%	14,987,596	13,312,781	12.6%	0	0	0.0%	67,533,041	62,847,897	7.5%
Foreign Exchange Futures	0	-	-	0	-	-	0	-	-	23	-	-
Ag Products Futures	0	0	0.0%	2,087,647	2,365,035	-11.7%	0	0	0.0%	10,272,165	9,923,657	3.5%
TOTAL FUTURES	566,742	396,121	43.1%	182,065,391	136,718,170	33.2%	3,206,701	1,713,253	87.2%	866,441,559	670,583,412	29.2%

CME Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2022	Open Outcry APR 2021	% CHG	ELEC APR 2022	ELEC APR 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
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	20,649,921	11,109,515	85.9%	0	0	0.0%	90,747,605	50,587,504	79.4%
Interest Rate Options	11,984,324	12,266,316	-2.3%	4,144,287	5,304,522	-21.9%	73,223,392	52,300,148	40.0%	31,786,895	27,894,088	14.0%
FX Options	0	0	0.0%	893,006	597,740	49.4%	0	0	0.0%	3,154,132	2,580,132	22.2%
Ag Products Options	0	0	0.0%	499,383	437,672	14.1%	0	0	0.0%	2,114,013	1,804,542	17.1%
Foreign Exchange Options	0	0	0.0%	87	146	-40.4%	0	0	0.0%	2,012	2,793	-28.0%
TOTAL OPTIONS	11,984,324	12,266,316	-2.3%	26,186,684	17,449,595	50.1%	73,223,392	52,300,148	40.0%	127,804,657	82,869,059	54.2%
TOTAL COMBINED												
Interest Rate	12,551,066	12,662,437	-0.9%	66,112,656	45,074,932	46.7%	76,430,093	54,013,401	41.5%	332,073,645	236,544,707	40.4%
Equity Index	0	0	0.0%	123,671,700	92,379,459	33.9%	0	0	0.0%	579,097,185	439,748,743	31.7%
FX	0	0	0.0%	15,880,602	13,910,521	14.2%	0	0	0.0%	70,687,173	65,428,029	8.0%
Foreign Exchange	0	0	0.0%	87	146	-40.4%	0	0	0.0%	2,035	2,793	-27.1%
Ag Products	0	0	0.0%	2,587,030	2,802,707	-7.7%	0	0	0.0%	12,386,178	11,728,199	5.6%
GRAND TOTAL	12,551,066	12,662,437	-0.9%	208,252,075	154,167,765	35.1%	76,430,093	54,013,401	41.5%	994,246,216	753,452,471	32.0%