

CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2019	Open Outcry SEP 2018	% CHG	ELEC SEP 2019	ELEC SEP 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Interest Rate Futures												
1-MONTH EURODOLLAR	0	0	0.0%	9	115	-92.2%	0	0	0.0%	404	31,342	-98.7%
EURODOLLARS	630,735	666,690	-5.4%	51,687,242	53,600,016	-3.6%	7,120,405	7,260,793	-1.9%	544,721,716	544,274,113	0.1%
SOFR	0	0	0.0%	1,016,098	84,706	1,099.6%	0	0	0.0%	5,992,910	355,837	1,584.2%
SONIA	0	-	-	165,858	-	-	0	-	-	1,618,270	-	-
Interest Rate Options												
EURODOLLARS	12,757,966	6,536,104	95.2%	7,783,813	3,894,226	99.9%	128,288,388	81,295,503	57.8%	74,343,952	39,624,707	87.6%
EURO MIDCURVE	4,044,144	7,596,054	-46.8%	3,443,875	4,327,476	-20.4%	61,898,067	79,877,211	-22.5%	50,237,978	45,965,407	9.3%
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	101,454	62,014	63.6%	0	0	0.0%	1,295,335	660,094	96.2%
E-MINI COM SERVICES SELEC	0	0	0.0%	4,633	156	2,869.9%	0	0	0.0%	24,730	156	15,752.6%
E-mini FTSE 100 (USD)	0	0	0.0%	0	918	-100.0%	0	0	0.0%	336	12,405	-97.3%
E-mini FTSE China 50	0	0	0.0%	0	657	-100.0%	0	0	0.0%	711	9,765	-92.7%
E-MINI MIDCAP	0	0	0.0%	422,925	461,324	-8.3%	0	0	0.0%	3,060,282	3,309,757	-7.5%
E-MINI NASDAQ 100	0	0	0.0%	9,521,636	9,373,956	1.6%	0	0	0.0%	90,348,006	79,275,454	14.0%
E-MINI RUSSELL 1000	0	0	0.0%	4,627	6,616	-30.1%	0	0	0.0%	31,626	72,699	-56.5%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	4,715	7,253	-35.0%	0	0	0.0%	32,575	64,185	-49.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	11,187	9,004	24.2%	0	0	0.0%	68,157	81,610	-16.5%
E-MINI RUSSELL 2000	0	0	0.0%	4,109,954	3,384,285	21.4%	0	0	0.0%	27,906,279	24,834,167	12.4%
E-MINI S&P500	0	0	0.0%	35,205,790	33,174,768	6.1%	0	0	0.0%	304,267,517	299,042,180	1.7%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	6,615	4,007	65.1%	0	0	0.0%	27,144	29,063	-6.6%
FT-SE 100	0	0	0.0%	0	634	-100.0%	0	0	0.0%	372	11,255	-96.7%
FTSE Emerging	0	0	0.0%	2,637	482	447.1%	0	0	0.0%	19,288	4,234	355.6%
IBOVESPA INDEX	0	0	0.0%	956	863	10.8%	0	0	0.0%	5,942	9,461	-37.2%
MICRO E-MINI NASDAQ 100	0	-	-	3,702,224	-	-	0	-	-	20,691,712	-	-
MICRO E-MINI RUSSELL 2000	0	-	-	633,799	-	-	0	-	-	3,201,233	-	-
MICRO E-MINI S&P500	0	-	-	5,328,816	-	-	0	-	-	28,793,695	-	-
NASDAQ BIOTECH	0	0	0.0%	937	0	0.0%	0	0	0.0%	3,176	0	0.0%
NIFTY 50	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54,444	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	257,971	263,979	-2.3%	0	0	0.0%	2,035,974	2,754,183	-26.1%

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Equity Index Futures												
NIKKEI 225 (YEN) STOCK	0	0	0.0%	871,392	734,303	18.7%	228	0	0.0%	7,403,051	7,663,236	-3.4%
S&P 500	49,102	79,508	-38.2%	2,264	3,251	-30.4%	215,538	394,040	-45.3%	14,565	41,332	-64.8%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	6,133	4,085	50.1%	0	0	0.0%	84,801	35,279	140.4%
S&P 500/GI	0	0	0.0%	20	20	0.0%	0	0	0.0%	60	73	-17.8%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	260	120	116.7%	0	0	0.0%	1,201	682	76.1%
S&P 600 SMALLCAP EMINI	0	0	0.0%	17	1	1,600.0%	0	0	0.0%	17	1	1,600.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	10,016	13,427	-25.4%	0	0	0.0%	63,320	114,329	-44.6%
S&P CONSUMER STAPLES SE	0	0	0.0%	20,341	29,800	-31.7%	0	0	0.0%	98,995	120,693	-18.0%
S&P ENERGY SECTOR	0	0	0.0%	20,733	19,514	6.2%	0	0	0.0%	106,817	169,707	-37.1%
S&P FINANCIAL SECTOR	0	0	0.0%	32,235	30,989	4.0%	0	0	0.0%	168,893	249,179	-32.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	19,369	22,253	-13.0%	0	0	0.0%	101,161	115,259	-12.2%
S&P INDUSTRIAL SECTOR	0	0	0.0%	15,234	16,955	-10.2%	0	0	0.0%	74,079	109,996	-32.7%
S&P MATERIALS SECTOR	0	0	0.0%	6,946	15,575	-55.4%	0	0	0.0%	52,389	66,542	-21.3%
S&P TECHNOLOGY SECTOR	0	0	0.0%	13,615	33,162	-58.9%	0	0	0.0%	89,846	170,032	-47.2%
S&P UTILITIES SECTOR	0	0	0.0%	27,262	39,858	-31.6%	0	0	0.0%	150,922	202,066	-25.3%
S&P VALUE INDEX FUTURES	0	0	0.0%	24	24	0.0%	0	0	0.0%	72	80	-10.0%
YEN DENOMINATED TOPIX	0	0	0.0%	18,655	449	4,054.8%	0	0	0.0%	169,769	4,293	3,854.6%

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Equity Index Options												
E-MINI NASDAQ 100	0	0	0.0%	183,264	185,156	-1.0%	0	0	0.0%	1,894,249	2,113,153	-10.4%
E-MINI RUSSELL 2000	0	0	0.0%	23,441	12,513	87.3%	0	0	0.0%	132,623	115,442	14.9%
E-MINI S&P500	200	0	0.0%	6,191,829	4,910,266	26.1%	600	14,660	-95.9%	49,042,465	51,111,458	-4.0%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	9,150	10,180	-10.1%	0	0	0.0%	81,175	56,796	42.9%
EOM EMINI S&P	0	0	0.0%	1,656,695	2,091,261	-20.8%	0	0	0.0%	17,690,898	22,696,360	-22.1%
EOM S&P 500	72,441	153,142	-52.7%	0	0	0.0%	1,091,477	1,669,669	-34.6%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	1,374	931	47.6%	0	0	0.0%	13,963	17,498	-20.2%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	2,582	780	231.0%	0	0	0.0%	18,013	22,968	-21.6%
EOW1 EMINI S&P 500	0	0	0.0%	1,020,536	995,850	2.5%	0	0	0.0%	8,915,392	9,658,001	-7.7%
EOW1 S&P 500	97,437	86,343	12.8%	0	0	0.0%	634,339	736,085	-13.8%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	7,069	3,240	118.2%	0	0	0.0%	46,764	43,935	6.4%
EOW2 EMINI S&P 500	0	0	0.0%	956,457	933,897	2.4%	0	0	0.0%	9,035,178	10,984,815	-17.7%
EOW2 S&P 500	157,872	69,457	127.3%	0	0	0.0%	1,137,568	1,343,698	-15.3%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	25,267	4,330	483.5%	0	0	0.0%	117,388	174,204	-32.6%
EOW3 EMINI S&P 500	0	0	0.0%	1,873,687	1,842,005	1.7%	0	0	0.0%	20,927,300	30,905,958	-32.3%
EOW3 S&P 500	58,476	102,641	-43.0%	0	0	0.0%	1,111,614	2,549,332	-56.4%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	4,619	201	2,198.0%	0	0	0.0%	30,071	46,018	-34.7%
EOW4 EMINI S&P 500	0	0	0.0%	938,427	67,137	1,297.8%	0	0	0.0%	7,806,465	9,563,674	-18.4%
S&P 500	282,369	308,755	-8.5%	0	0	0.0%	2,140,720	2,724,357	-21.4%	0	0	0.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	16	1	1,500.0%	0	0	0.0%	133	53	150.9%
AD/JY CROSS RATES	0	0	0.0%	1,798	6,058	-70.3%	0	0	0.0%	24,609	39,288	-37.4%
AD/NE CROSS RATES	0	0	0.0%	399	34	1,073.5%	0	0	0.0%	1,284	699	83.7%
AUSTRALIAN DOLLAR	0	0	0.0%	2,103,582	2,349,852	-10.5%	0	0	0.0%	18,997,885	21,321,476	-10.9%
BDI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BP/JY CROSS RATES	0	0	0.0%	5,915	3,114	89.9%	0	0	0.0%	28,449	28,091	1.3%
BP/SF CROSS RATES	0	0	0.0%	252	444	-43.2%	0	0	0.0%	3,714	3,354	10.7%
BRAZIL REAL	0	0	0.0%	135,291	95,158	42.2%	0	0	0.0%	1,143,892	888,644	28.7%
BRITISH POUND	3	3	0.0%	3,168,766	2,955,386	7.2%	3	10	-70.0%	22,056,640	24,504,277	-10.0%
CANADIAN DOLLAR	0	0	0.0%	1,930,683	1,679,782	14.9%	3	41	-92.7%	14,776,756	15,745,435	-6.2%
CD/JY CROSS RATES	0	0	0.0%	1	0	0.0%	0	0	0.0%	127	849	-85.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	34,786	21,260	63.6%	0	0	0.0%	254,806	59,394	329.0%

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FX Futures												
CZECK KORUNA (EC)	0	0	0.0%	12	4	200.0%	0	0	0.0%	30	6	400.0%
CZECK KORUNA (US)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
EC/AD CROSS RATES	0	0	0.0%	6,888	5,747	19.9%	0	0	0.0%	42,652	18,616	129.1%
EC/CD CROSS RATES	0	0	0.0%	7,110	5,933	19.8%	0	0	0.0%	30,100	31,110	-3.2%
EC/NOK CROSS RATES	0	0	0.0%	384	772	-50.3%	0	0	0.0%	4,422	3,757	17.7%
EC/SEK CROSS RATES	0	0	0.0%	1,516	1,656	-8.5%	0	0	0.0%	6,305	7,843	-19.6%
EFX/BP CROSS RATES	0	0	0.0%	145,865	144,144	1.2%	0	0	0.0%	848,681	751,416	12.9%
EFX/JY CROSS RATES	0	0	0.0%	126,224	108,953	15.9%	0	0	0.0%	618,453	739,218	-16.3%
EFX/SF CROSS RATES	0	0	0.0%	60,131	49,778	20.8%	0	0	0.0%	320,581	267,526	19.8%
E-MICRO AUD/USD	0	0	0.0%	67,895	121,585	-44.2%	0	0	0.0%	961,239	967,888	-0.7%
E-MICRO CAD/USD	0	0	0.0%	16,522	13,711	20.5%	0	0	0.0%	154,346	159,410	-3.2%
E-MICRO CHF/USD	0	0	0.0%	3,795	1,995	90.2%	0	0	0.0%	25,860	13,293	94.5%
E-MICRO EUR/USD	0	0	0.0%	201,254	332,456	-39.5%	0	0	0.0%	2,159,266	3,364,884	-35.8%
E-MICRO GBP/USD	0	0	0.0%	53,918	46,347	16.3%	0	0	0.0%	396,919	428,269	-7.3%
E-MICRO INR/USD	0	0	0.0%	4,812	5,862	-17.9%	0	0	0.0%	45,002	40,852	10.2%
E-MICRO JPY/USD	0	0	0.0%	25,717	23,194	10.9%	0	0	0.0%	262,337	275,559	-4.8%
E-MINI EURO FX	0	0	0.0%	109,376	113,175	-3.4%	0	0	0.0%	881,253	940,863	-6.3%
E-MINI JAPANESE YEN	0	0	0.0%	21,019	8,809	138.6%	0	0	0.0%	151,426	117,022	29.4%
EURO FX	3	4	-25.0%	5,661,531	6,141,988	-7.8%	60	538	-88.8%	39,617,280	52,908,910	-25.1%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	1	0	0.0%	0	0	0.0%	9	0	0.0%
INDIAN RUPEE	0	0	0.0%	80,493	89,647	-10.2%	0	0	0.0%	652,663	785,215	-16.9%
JAPANESE YEN	0	2	-100.0%	2,983,670	2,568,243	16.2%	2	104	-98.1%	24,572,811	27,134,775	-9.4%
KOREAN WON	0	0	0.0%	392	320	22.5%	0	0	0.0%	2,731	2,093	30.5%
MEXICAN PESO	0	0	0.0%	1,375,714	1,485,043	-7.4%	0	0	0.0%	11,473,436	12,653,298	-9.3%
NEW ZEALND DOLLAR	0	0	0.0%	628,578	615,837	2.1%	0	0	0.0%	5,226,688	5,766,533	-9.4%
NKR/USD CROSS RATE	0	0	0.0%	7,251	9,475	-23.5%	0	0	0.0%	43,412	42,553	2.0%
POLISH ZLOTY (EC)	0	0	0.0%	22	26	-15.4%	0	0	0.0%	440	174	152.9%
POLISH ZLOTY (US)	0	0	0.0%	160	69	131.9%	0	0	0.0%	940	770	22.1%
RMB USD	0	0	0.0%	1	0	0.0%	0	0	0.0%	7	23	-69.6%
RUSSIAN RUBLE	0	0	0.0%	151,524	85,544	77.1%	0	0	0.0%	676,001	487,368	38.7%
S.AFRICAN RAND	0	0	0.0%	79,763	55,589	43.5%	0	0	0.0%	454,692	424,583	7.1%
SF/JY CROSS RATES	0	0	0.0%	4	7	-42.9%	0	0	0.0%	11	7	57.1%
SHEKEL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	4,641	8,656	-46.4%	0	0	0.0%	24,493	38,404	-36.2%

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FX Futures												
SWISS FRANC	0	0	0.0%	724,421	695,845	4.1%	0	0	0.0%	5,136,404	5,440,395	-5.6%
TURKISH LIRA	0	0	0.0%	8	5	60.0%	0	0	0.0%	68	10	580.0%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	5	300.0%
FX Options												
AUD/USD MONTHLY OPTIONS	0	600	-100.0%	72,234	84,970	-15.0%	0	600	-100.0%	613,503	737,473	-16.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	14,616	30,915	-52.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,858	15,259	-61.6%	0	0	0.0%	53,419	61,128	-12.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,945	10,463	-62.3%	0	0	0.0%	56,015	89,339	-37.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,091	12,740	-67.9%	0	0	0.0%	60,421	95,189	-36.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	16,035	25,186	-36.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,571	4,174	-62.4%	0	0	0.0%	15,574	27,002	-42.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,273	4,705	-72.9%	0	0	0.0%	16,139	21,125	-23.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	881	1,171	-24.8%	0	0	0.0%	7,112	12,011	-40.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,723	2,789	-38.2%	0	0	0.0%	11,787	19,276	-38.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,824	7,552	-49.4%
AUSTRALIAN DLR (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
AUSTRALIAN DOLLAR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRITISH POUND	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRITISH POUND (EU)	0	0	0.0%	0	3	-100.0%	0	0	0.0%	0	275	-100.0%
BRL/USD MONTHLY OPTIONS	0	-	-	260	-	-	0	-	-	396	-	-
CAD/USD MONTHLY OPTIONS	42	136	-69.1%	46,479	82,415	-43.6%	909	2,101	-56.7%	466,695	782,134	-40.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	41	0	0.0%	0	0	0.0%	27,013	45,518	-40.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,035	24,521	-71.3%	0	0	0.0%	61,417	115,111	-46.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,353	16,901	-50.6%	0	0	0.0%	83,753	158,609	-47.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,140	15,938	-61.5%	0	0	0.0%	88,685	143,653	-38.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	23,565	52,416	-55.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	990	4,735	-79.1%	0	0	0.0%	25,476	31,296	-18.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,788	4,568	-17.1%	0	0	0.0%	29,948	32,108	-6.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,323	6,957	-52.2%	0	0	0.0%	27,681	35,360	-21.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,837	1,755	4.7%	0	0	0.0%	23,929	32,908	-27.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	7,133	16,134	-55.8%
CANADIAN DOLLAR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	63	-100.0%

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CME Exchange Volume Comparison Report - Monthly

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FX Options												
CHF/USD MONTHLY OPTIONS	0	0	0.0%	2,854	1,261	126.3%	0	0	0.0%	20,432	21,867	-6.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	50	0	0.0%	0	0	0.0%	167	71	135.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	219	108	102.8%	0	0	0.0%	2,056	751	173.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	229	2	11,350.0%	0	0	0.0%	1,648	907	81.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	218	117	86.3%	0	0	0.0%	993	1,739	-42.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	613	712	-13.9%
EUR/GBP MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	74	-	-
EUR/JPY MONTHLY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EURO FX	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO FX (EU)	0	0	0.0%	0	3	-100.0%	0	0	0.0%	0	59	-100.0%
EUR/USD MONTHLY OPTIONS	236	1,350	-82.5%	366,303	388,110	-5.6%	9,004	10,317	-12.7%	3,348,291	4,738,173	-29.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	103	0	0.0%	0	80	-100.0%	86,090	226,644	-62.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	38,828	41,764	-7.0%	0	0	0.0%	247,432	297,585	-16.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	36,360	42,792	-15.0%	0	1,800	-100.0%	274,634	444,452	-38.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	24,602	48,153	-48.9%	0	750	-100.0%	323,163	468,246	-31.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	80,249	123,624	-35.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	14,328	9,811	46.0%	0	0	0.0%	120,635	118,152	2.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,280	9,096	35.0%	0	0	0.0%	117,643	105,999	11.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	20,681	11,237	84.0%	0	0	0.0%	115,932	106,598	8.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	14,658	8,708	68.3%	0	0	0.0%	122,947	123,939	-0.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	29,955	47,956	-37.5%
GBP/USD MONTHLY OPTIONS	48	56	-14.3%	134,100	208,405	-35.7%	872	602	44.9%	1,087,534	1,550,180	-29.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	32	0	0.0%	0	0	0.0%	23,932	53,308	-55.1%
GBP/USD WKLY FRIDAY OPTIC	16	0	0.0%	6,836	20,099	-66.0%	16	0	0.0%	56,032	110,749	-49.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,365	23,777	-73.2%	0	30	-100.0%	63,251	170,136	-62.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,499	21,770	-79.3%	0	0	0.0%	60,177	180,893	-66.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	25,313	43,715	-42.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	958	4,287	-77.7%	0	0	0.0%	20,525	30,067	-31.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,514	3,022	-49.9%	0	0	0.0%	21,969	34,102	-35.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,097	4,051	-72.9%	0	0	0.0%	23,654	36,834	-35.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,637	7,067	-76.8%	0	0	0.0%	20,873	34,345	-39.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	7,357	17,377	-57.7%
JAPANESE YEN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JAPANESE YEN (EU)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JPY/USD MONTHLY OPTIONS	30	395	-92.4%	124,325	109,689	13.3%	193	4,438	-95.7%	1,271,437	1,492,959	-14.8%

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CME Exchange Volume Comparison Report - Monthly

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FX Options												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	44,503	66,384	-33.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,079	18,481	-40.1%	0	0	0.0%	90,144	132,850	-32.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	16,254	16,996	-4.4%	0	0	0.0%	131,647	187,857	-29.9%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,268	19,668	-52.9%	0	0	0.0%	128,723	198,260	-35.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	46,282	47,221	-2.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	7,813	5,191	50.5%	0	0	0.0%	42,066	35,680	17.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,613	3,358	37.4%	0	0	0.0%	38,087	35,570	7.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,161	2,140	187.9%	0	0	0.0%	36,453	29,436	23.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,450	2,599	71.2%	0	0	0.0%	39,156	43,347	-9.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	7,723	14,041	-45.0%
MXN/USD MONTHLY OPTIONS	0	1,200	-100.0%	809	651	24.3%	900	5,288	-83.0%	12,285	12,775	-3.8%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	5	-100.0%	0	0	0.0%	429	205	109.3%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	48	-100.0%	0	0	0.0%	1,103	48	2,197.9%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	26	-100.0%	0	0	0.0%	329	260	26.5%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NZD/USD MONTHLY OPTIONS	0	-	-	1,652	-	-	0	-	-	4,975	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	0	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	120	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	206	-	-
SWISS FRANC	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SWISS FRANC (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	493	-100.0%	0	0	0.0%	0	11,841	-100.0%
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	560	1,252	-55.3%	0	0	0.0%	7,063	7,928	-10.9%

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Ag Products Futures												
BUTTER CS	0	0	0.0%	3,483	3,986	-12.6%	0	0	0.0%	36,246	37,744	-4.0%
CASH-SETTLED CHEESE	0	0	0.0%	10,073	8,490	18.6%	0	0	0.0%	99,212	89,206	11.2%
CATTLE	1,152	984	17.1%	1,536,153	1,431,849	7.3%	10,948	11,865	-7.7%	13,074,841	12,432,759	5.2%
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%	25	0	0.0%
CLASS IV MILK	0	0	0.0%	2,576	511	404.1%	158	0	0.0%	21,523	5,261	309.1%
DRY WHEY	0	0	0.0%	956	1,517	-37.0%	0	0	0.0%	10,931	11,679	-6.4%
FEEDER CATTLE	0	0	0.0%	301,660	293,434	2.8%	178	17	947.1%	2,847,150	2,739,267	3.9%
GOLDMAN SACHS	0	0	0.0%	27,240	29,492	-7.6%	0	0	0.0%	255,014	280,356	-9.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	334	278	20.1%	0	0	0.0%	334	616	-45.8%
HDD EURO SEASONAL STRIP	-	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	55	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	1,200	1,550	-22.6%	1,454,663	1,239,627	17.3%	15,135	13,233	14.4%	12,224,285	10,362,854	18.0%
HOUSING INDEX	0	0	0.0%	18	2	800.0%	0	0	0.0%	109	67	62.7%
LUMBER	0	0	0.0%	10,058	14,116	-28.7%	0	0	0.0%	123,264	168,067	-26.7%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	2	0	0.0%	34,943	22,004	58.8%	262	1,182	-77.8%	233,014	204,949	13.7%
MLK MID OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	5,925	4,143	43.0%	19	43	-55.8%	56,690	46,006	23.2%
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												
BUTTER CS	270	1,410	-80.9%	1,408	5,166	-72.7%	4,464	10,314	-56.7%	24,903	27,032	-7.9%
CASH-SETTLED CHEESE	1,940	2,616	-25.8%	6,976	7,016	-0.6%	15,011	22,282	-32.6%	71,883	66,096	8.8%
CATTLE	30,669	32,350	-5.2%	198,675	161,634	22.9%	230,977	247,149	-6.5%	1,583,666	1,910,644	-17.1%
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%
CLASS IV MILK	123	57	115.8%	2,345	1,048	123.8%	3,532	749	371.6%	30,866	9,551	223.2%
DRY WHEY	25	6	316.7%	732	842	-13.1%	735	1,355	-45.8%	6,555	4,561	43.7%
FEEDER CATTLE	1,945	965	101.6%	19,922	23,438	-15.0%	19,021	17,778	7.0%	262,121	249,866	4.9%
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%
HOGS	29,038	21,158	37.2%	305,608	231,808	31.8%	282,790	241,844	16.9%	3,048,279	1,870,688	62.9%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	0	0.0%
LUMBER	0	5	-100.0%	998	1,384	-27.9%	70	216	-67.6%	15,853	15,381	3.1%
LV CATL CSO	50	169	-70.4%	0	0	0.0%	529	282	87.6%	0	0	0.0%
MILK	1,310	3,552	-63.1%	39,431	33,284	18.5%	20,418	56,078	-63.6%	321,201	252,241	27.3%
MLK MID OPTIONS	4	12	-66.7%	0	0	0.0%	24	387	-93.8%	194	27	618.5%
NFD MILK	271	236	14.8%	2,313	4,408	-47.5%	1,819	7,804	-76.7%	49,375	37,043	33.3%
TOTAL FUTURES GROUP												
Interest Rate Futures	630,735	666,690	-5.4%	52,869,207	53,684,837	-1.5%	7,120,405	7,260,793	-1.9%	552,333,300	544,661,292	1.4%
Equity Index Futures	49,102	79,508	-38.2%	60,385,392	47,714,702	26.6%	215,766	394,040	-45.2%	490,394,048	419,287,891	17.0%
FX Futures	6	9	-33.3%	19,932,101	19,851,504	0.4%	68	693	-90.2%	152,079,273	176,404,223	-13.8%
Foreign Exchange Futures	0	0	0.0%	0	493	-100.0%	0	0	0.0%	0	11,841	-100.0%
Ag Products Futures	2,354	2,534	-7.1%	3,388,082	3,049,449	11.1%	26,700	26,340	1.4%	28,982,638	26,378,886	9.9%
TOTAL FUTURES	682,197	748,741	-8.9%	136,574,782	124,300,985	9.9%	7,362,939	7,681,866	-4.2%	1,223,789,259	1,166,744,133	4.9%

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TOTAL OPTIONS GROUP												
Equity Index Options	668,795	720,338	-7.2%	12,894,397	11,057,747	16.6%	6,116,318	9,037,801	-32.3%	115,751,944	137,510,280	-15.8%
Interest Rate Options	16,802,110	14,132,158	18.9%	11,227,688	8,221,702	36.6%	190,186,455	161,172,714	18.0%	124,581,930	85,590,114	45.6%
FX Options	372	3,737	-90.0%	1,044,997	1,326,556	-21.2%	11,894	26,006	-54.3%	9,933,375	13,957,854	-28.8%
Ag Products Options	65,645	62,536	5.0%	578,408	470,028	23.1%	579,390	606,238	-4.4%	5,414,903	4,443,130	21.9%
Foreign Exchange Options	0	0	0.0%	560	1,252	-55.3%	0	0	0.0%	7,063	7,928	-10.9%
TOTAL OPTIONS	17,536,922	14,918,769	17.5%	25,746,050	21,077,285	22.2%	196,894,057	170,842,759	15.2%	255,689,215	241,509,306	5.9%
TOTAL COMBINED												
Interest Rate	17,432,845	14,798,848	17.8%	64,096,895	61,906,539	3.5%	197,306,860	168,433,507	17.1%	676,915,230	630,251,406	7.4%
Equity Index	717,897	799,846	-10.2%	73,279,789	58,772,449	24.7%	6,332,084	9,431,841	-32.9%	606,145,992	556,798,171	8.9%
FX	378	3,746	-89.9%	20,977,098	21,178,060	-0.9%	11,962	26,699	-55.2%	162,012,648	190,362,077	-14.9%
Foreign Exchange	0	0	0.0%	560	1,745	-67.9%	0	0	0.0%	7,063	19,769	-64.3%
Ag Products	67,999	65,070	4.5%	3,966,490	3,519,477	12.7%	606,090	632,578	-4.2%	34,397,541	30,822,016	11.6%
GRAND TOTAL	18,219,119	15,667,510	16.3%	162,320,832	145,378,270	11.7%	204,256,996	178,524,625	14.4%	1,479,478,474	1,408,253,439	5.1%

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