



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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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 OPTIONE	0	0	0.0%	14,328	9,811	46.0%	0	0	0.0%	120,635	118,152	2.1%
EUR/USD WKLY WED OPTIONE	0	0	0.0%	12,280	9,096	35.0%	0	0	0.0%	117,643	105,999	11.0%
EUR/USD WKLY WED OPTIONE	0	0	0.0%	20,681	11,237	84.0%	0	0	0.0%	115,932	106,598	8.8%
EUR/USD WKLY WED OPTIONE	0	0	0.0%	14,658	8,708	68.3%	0	0	0.0%	122,947	123,939	-0.8%
EUR/USD WKLY WED OPTIONE	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 OPTIONE	0	0	0.0%	958	4,287	-77.7%	0	0	0.0%	20,525	30,067	-31.7%
GBP/USD WKLY WED OPTIONE	0	0	0.0%	1,514	3,022	-49.9%	0	0	0.0%	21,969	34,102	-35.6%
GBP/USD WKLY WED OPTIONE	0	0	0.0%	1,097	4,051	-72.9%	0	0	0.0%	23,654	36,834	-35.8%
GBP/USD WKLY WED OPTIONE	0	0	0.0%	1,637	7,067	-76.8%	0	0	0.0%	20,873	34,345	-39.2%
GBP/USD WKLY WED OPTIONE	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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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%

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.