

CME Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2019	Open Outcry NOV 2018	% CHG	ELEC NOV 2019	ELEC NOV 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%	46	0	0.0%	0	0	0.0%	450	31,342	-98.6%
EURODOLLARS	362,113	678,692	-46.6%	35,682,857	57,692,399	-38.1%	7,964,427	8,669,920	-8.1%	632,422,152	673,062,244	-6.0%
SOFR	0	0	0.0%	924,136	245,030	277.2%	0	0	0.0%	7,875,192	775,902	915.0%
SONIA	0	0	0.0%	209,204	124,925	67.5%	0	0	0.0%	2,016,193	186,324	982.1%
Interest Rate Options												
EURODOLLARS	8,149,556	5,541,787	47.1%	5,745,137	4,426,523	29.8%	147,855,872	97,329,754	51.9%	89,317,648	49,491,941	80.5%
EURO MIDCURVE	3,794,739	8,989,740	-57.8%	2,964,895	6,892,241	-57.0%	70,607,549	97,587,723	-27.6%	56,778,884	59,839,028	-5.1%
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	105,032	125,751	-16.5%	0	0	0.0%	1,493,780	842,902	77.2%
E-MINI COM SERVICES SELEC	0	0	0.0%	1,182	3,122	-62.1%	0	0	0.0%	26,668	6,917	285.5%
E-mini FTSE 100 (USD)	0	0	0.0%	0	1,306	-100.0%	0	0	0.0%	336	15,538	-97.8%
E-mini FTSE China 50	0	0	0.0%	0	498	-100.0%	0	0	0.0%	711	11,249	-93.7%
E-MINI MIDCAP	0	0	0.0%	209,294	354,261	-40.9%	0	0	0.0%	3,537,531	4,177,261	-15.3%
E-MINI NASDAQ 100	0	0	0.0%	6,712,979	13,040,926	-48.5%	0	0	0.0%	106,516,040	108,936,314	-2.2%
E-MINI RUSSELL 1000	0	0	0.0%	2,527	10,332	-75.5%	0	0	0.0%	36,799	96,277	-61.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,872	11,185	-83.3%	0	0	0.0%	36,040	86,327	-58.3%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,515	10,799	-58.2%	0	0	0.0%	76,185	106,118	-28.2%
E-MINI RUSSELL 2000	0	0	0.0%	2,180,719	3,093,984	-29.5%	0	0	0.0%	32,764,266	32,143,163	1.9%
E-MINI S&P500	0	0	0.0%	22,770,486	36,983,127	-38.4%	0	0	0.0%	357,880,926	388,896,537	-8.0%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	5,338	3,373	58.3%	0	0	0.0%	42,269	37,937	11.4%
FT-SE 100	0	0	0.0%	0	1,167	-100.0%	0	0	0.0%	372	13,812	-97.3%
FTSE Emerging	0	0	0.0%	1,814	2,979	-39.1%	0	0	0.0%	23,214	8,030	189.1%
IBOVESPA INDEX	0	0	0.0%	702	136	416.2%	0	0	0.0%	7,638	11,475	-33.4%
MICRO E-MINI NASDAQ 100	0	-	-	3,114,249	-	-	0	-	-	28,582,787	-	-
MICRO E-MINI RUSSELL 2000	0	-	-	483,543	-	-	0	-	-	4,450,282	-	-
MICRO E-MINI S&P500	0	-	-	3,491,980	-	-	0	-	-	38,748,456	-	-
NASDAQ BIOTECH	0	0	0.0%	196	0	0.0%	0	0	0.0%	3,743	0	0.0%
Nearby BTIC+	0	-	-	10	-	-	0	-	-	34	-	-
NIFTY 50	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54,444	-100.0%

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Equity Index Futures												
NIKKEI 225 (\$) STOCK	0	0	0.0%	140,500	267,623	-47.5%	0	0	0.0%	2,373,478	3,422,886	-30.7%
NIKKEI 225 (YEN) STOCK	90	0	0.0%	625,406	850,395	-26.5%	318	0	0.0%	8,906,574	9,818,741	-9.3%
S&P 500	4,365	15,177	-71.2%	477	3,313	-85.6%	225,377	425,797	-47.1%	16,787	49,091	-65.8%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	8,023	6,568	22.2%	0	0	0.0%	102,524	53,051	93.3%
S&P 500/GI	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	73	-17.8%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	195	220	-11.4%	0	0	0.0%	2,017	902	123.6%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0.0%	0	0	0.0%	17	1	1,600.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	3,560	21,487	-83.4%	0	0	0.0%	71,408	173,666	-58.9%
S&P CONSUMER STAPLES SE	0	0	0.0%	4,050	13,468	-69.9%	0	0	0.0%	108,695	158,080	-31.2%
S&P ENERGY SECTOR	0	0	0.0%	6,588	32,649	-79.8%	0	0	0.0%	121,342	237,603	-48.9%
S&P FINANCIAL SECTOR	0	0	0.0%	8,122	33,904	-76.0%	0	0	0.0%	189,015	340,426	-44.5%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,478	23,765	-72.7%	0	0	0.0%	117,480	163,646	-28.2%
S&P INDUSTRIAL SECTOR	0	0	0.0%	5,184	13,405	-61.3%	0	0	0.0%	85,870	145,660	-41.0%
S&P MATERIALS SECTOR	0	0	0.0%	3,321	9,880	-66.4%	0	0	0.0%	60,052	94,011	-36.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	5,282	51,906	-89.8%	0	0	0.0%	103,481	314,480	-67.1%
S&P UTILITIES SECTOR	0	0	0.0%	8,536	29,757	-71.3%	0	0	0.0%	167,210	278,732	-40.0%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.0%	0	0	0.0%	72	80	-10.0%
YEN DENOMINATED TOPIX	0	0	0.0%	15,997	597	2,579.6%	0	0	0.0%	207,748	5,734	3,523.1%

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Equity Index Options												
E-MINI NASDAQ 100	0	0	0.0%	119,440	249,338	-52.1%	0	0	0.0%	2,218,686	2,683,262	-17.3%
E-MINI RUSSELL 2000	0	0	0.0%	24,331	11,113	118.9%	0	0	0.0%	178,755	143,256	24.8%
E-MINI S&P500	0	0	0.0%	4,897,096	6,606,266	-25.9%	600	14,660	-95.9%	59,967,889	65,060,734	-7.8%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	7,910	10,529	-24.9%	0	0	0.0%	95,530	74,388	28.4%
EOM EMINI S&P	0	0	0.0%	1,491,525	2,336,360	-36.2%	0	0	0.0%	21,069,390	28,995,981	-27.3%
EOM S&P 500	119,848	157,237	-23.8%	0	0	0.0%	1,287,013	1,989,998	-35.3%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	1,133	1,702	-33.4%	0	0	0.0%	16,654	22,621	-26.4%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	1,736	1,937	-10.4%	0	0	0.0%	21,406	28,060	-23.7%
EOW1 EMINI S&P 500	0	0	0.0%	501,437	1,164,190	-56.9%	0	0	0.0%	10,676,615	12,387,393	-13.8%
EOW1 S&P 500	69,677	34,448	102.3%	0	0	0.0%	808,221	878,609	-8.0%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	3,279	5,319	-38.4%	0	0	0.0%	54,275	55,304	-1.9%
EOW2 EMINI S&P 500	0	0	0.0%	690,578	1,310,158	-47.3%	0	0	0.0%	10,973,085	14,328,432	-23.4%
EOW2 S&P 500	133,008	132,952	0.0%	0	0	0.0%	1,427,699	1,720,817	-17.0%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	13,752	13,977	-1.6%	0	0	0.0%	165,851	207,503	-20.1%
EOW3 EMINI S&P 500	0	0	0.0%	1,606,088	3,199,095	-49.8%	0	0	0.0%	25,870,467	40,435,024	-36.0%
EOW3 S&P 500	85,636	174,710	-51.0%	0	0	0.0%	1,367,778	2,968,491	-53.9%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	2,748	4,718	-41.8%	0	0	0.0%	35,714	57,976	-38.4%
EOW4 EMINI S&P 500	0	0	0.0%	872,103	990,683	-12.0%	0	0	0.0%	9,496,737	12,419,736	-23.5%
S&P 500	216,652	409,029	-47.0%	0	0	0.0%	2,527,599	3,445,548	-26.6%	0	0	0.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	6	2	200.0%	0	0	0.0%	148	55	169.1%
AD/JY CROSS RATES	0	0	0.0%	980	3,090	-68.3%	0	0	0.0%	27,663	45,521	-39.2%
AD/NE CROSS RATES	0	0	0.0%	200	62	222.6%	0	0	0.0%	1,666	795	109.6%
AUSTRALIAN DOLLAR	0	0	0.0%	1,756,359	2,223,688	-21.0%	0	0	0.0%	22,822,746	25,768,304	-11.4%
BDI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BP/JY CROSS RATES	0	0	0.0%	1,255	2,049	-38.8%	0	0	0.0%	32,819	32,759	0.2%
BP/SF CROSS RATES	0	0	0.0%	274	172	59.3%	0	0	0.0%	4,337	3,853	12.6%
BRAZIL REAL	0	0	0.0%	191,498	86,134	122.3%	0	0	0.0%	1,506,377	1,110,191	35.7%
BRITISH POUND	0	0	0.0%	1,726,501	2,861,731	-39.7%	3	10	-70.0%	27,176,648	29,765,078	-8.7%
CANADIAN DOLLAR	0	0	0.0%	1,345,582	1,544,012	-12.9%	3	45	-93.3%	17,999,702	18,954,703	-5.0%
CD/JY CROSS RATES	0	0	0.0%	9	0	0.0%	0	0	0.0%	140	949	-85.2%
CHINESE RENMINBI (CNH)	0	0	0.0%	26,102	20,793	25.5%	0	0	0.0%	309,098	98,437	214.0%

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FX Futures												
CZECK KORUNA (EC)	0	0	0.0%	0	2	-100.0%	0	0	0.0%	30	8	275.0%
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%	3,639	1,155	215.1%	0	0	0.0%	49,579	20,915	137.0%
EC/CD CROSS RATES	0	0	0.0%	920	744	23.7%	0	0	0.0%	32,882	33,075	-0.6%
EC/NOK CROSS RATES	0	0	0.0%	359	173	107.5%	0	0	0.0%	5,582	4,165	34.0%
EC/SEK CROSS RATES	0	0	0.0%	322	110	192.7%	0	0	0.0%	6,932	8,090	-14.3%
EFX/BP CROSS RATES	0	0	0.0%	49,502	61,271	-19.2%	0	0	0.0%	1,016,373	873,700	16.3%
EFX/JY CROSS RATES	0	0	0.0%	42,060	42,635	-1.3%	0	0	0.0%	727,115	845,610	-14.0%
EFX/SF CROSS RATES	0	0	0.0%	20,813	19,142	8.7%	0	0	0.0%	369,304	313,613	17.8%
E-MICRO AUD/USD	0	0	0.0%	74,851	123,047	-39.2%	0	0	0.0%	1,126,116	1,201,816	-6.3%
E-MICRO CAD/USD	0	0	0.0%	12,542	15,649	-19.9%	0	0	0.0%	184,774	189,497	-2.5%
E-MICRO CHF/USD	0	0	0.0%	4,925	1,481	232.5%	0	0	0.0%	35,838	16,267	120.3%
E-MICRO EUR/USD	0	0	0.0%	138,015	324,646	-57.5%	0	0	0.0%	2,485,195	4,037,284	-38.4%
E-MICRO GBP/USD	0	0	0.0%	57,698	53,401	8.0%	0	0	0.0%	586,598	509,258	15.2%
E-MICRO INR/USD	0	0	0.0%	3,231	5,994	-46.1%	0	0	0.0%	52,594	54,678	-3.8%
E-MICRO JPY/USD	0	0	0.0%	15,738	24,174	-34.9%	0	0	0.0%	302,621	331,003	-8.6%
E-MINI EURO FX	0	0	0.0%	50,501	84,842	-40.5%	0	0	0.0%	1,005,082	1,121,476	-10.4%
E-MINI JAPANESE YEN	0	0	0.0%	18,070	9,376	92.7%	0	0	0.0%	191,472	140,981	35.8%
EURO FX	0	2	-100.0%	2,970,600	4,606,155	-35.5%	60	544	-89.0%	46,476,529	62,903,914	-26.1%
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%	4	0	0.0%	0	0	0.0%	16	0	0.0%
INDIAN RUPEE	0	0	0.0%	27,180	99,328	-72.6%	0	0	0.0%	715,615	1,010,786	-29.2%
JAPANESE YEN	0	4	-100.0%	2,294,184	2,704,644	-15.2%	2	111	-98.2%	29,426,507	33,442,354	-12.0%
KOREAN WON	0	0	0.0%	187	391	-52.2%	0	0	0.0%	3,228	2,791	15.7%
MEXICAN PESO	0	0	0.0%	931,688	1,280,686	-27.3%	0	0	0.0%	13,561,352	15,441,433	-12.2%
NEW ZEALND DOLLAR	0	0	0.0%	509,890	623,641	-18.2%	0	0	0.0%	6,247,719	6,896,725	-9.4%
NKR/USD CROSS RATE	0	0	0.0%	3,712	2,756	34.7%	0	0	0.0%	51,150	52,629	-2.8%
POLISH ZLOTY (EC)	0	0	0.0%	0	22	-100.0%	0	0	0.0%	452	208	117.3%
POLISH ZLOTY (US)	0	0	0.0%	273	54	405.6%	0	0	0.0%	1,378	934	47.5%
RMB USD	0	0	0.0%	1	0	0.0%	0	0	0.0%	9	25	-64.0%
RUSSIAN RUBLE	0	0	0.0%	25,449	42,376	-39.9%	0	0	0.0%	749,242	568,752	31.7%
S.AFRICAN RAND	0	0	0.0%	41,604	37,222	11.8%	0	0	0.0%	565,774	497,058	13.8%
SF/JY CROSS RATES	0	0	0.0%	10	0	0.0%	0	0	0.0%	35	7	400.0%
SHEKEL	0	0	0.0%	7	0	0.0%	0	0	0.0%	20	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	2,693	2,788	-3.4%	0	0	0.0%	29,874	48,253	-38.1%

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FX Futures												
SWISS FRANC	0	0	0.0%	532,279	477,324	11.5%	0	0	0.0%	6,313,518	6,476,230	-2.5%
TURKISH LIRA	0	0	0.0%	9	0	0.0%	0	0	0.0%	79	10	690.0%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	15	33.3%
FX Options												
AUD/USD MONTHLY OPTIONS	20	0	0.0%	53,252	102,574	-48.1%	20	600	-96.7%	756,749	925,370	-18.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	293	2,162	-86.4%	0	0	0.0%	21,655	44,288	-51.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,362	5,864	-42.7%	0	0	0.0%	62,001	73,975	-16.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,442	10,646	-67.7%	0	0	0.0%	68,938	108,287	-36.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,847	7,655	-36.7%	0	0	0.0%	71,871	111,847	-35.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,308	7,821	-57.7%	0	0	0.0%	19,848	33,662	-41.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,466	7,882	-81.4%	0	0	0.0%	18,378	35,803	-48.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,419	2,590	-45.2%	0	0	0.0%	18,660	26,361	-29.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	709	774	-8.4%	0	0	0.0%	8,847	13,582	-34.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,068	1,227	68.5%	0	0	0.0%	15,333	23,101	-33.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,187	8,973	-42.2%
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	2	-100.0%	0	0	0.0%	0	279	-100.0%
BRL/USD MONTHLY OPTIONS	0	-	-	1,093	-	-	0	-	-	1,821	-	-
CAD/USD MONTHLY OPTIONS	245	334	-26.6%	51,587	60,960	-15.4%	1,314	3,040	-56.8%	575,073	919,224	-37.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	702	2,402	-70.8%	0	0	0.0%	36,274	65,216	-44.4%
CAD/USD WKLY FRIDAY OPTIC	10	0	0.0%	4,651	3,576	30.1%	10	0	0.0%	69,989	128,850	-45.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,163	10,747	-42.7%	0	0	0.0%	100,230	187,277	-46.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,005	16,194	-32.0%	0	0	0.0%	109,988	182,607	-39.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,860	11,526	2.9%	0	0	0.0%	36,224	64,247	-43.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	4,564	1,609	183.7%	0	0	0.0%	33,690	35,606	-5.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,825	2,248	70.2%	0	0	0.0%	36,556	37,712	-3.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,769	6,861	-59.6%	0	0	0.0%	32,787	47,361	-30.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	4,488	3,940	13.9%	0	0	0.0%	31,162	43,466	-28.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	10,464	20,940	-50.0%
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%	6,670	851	683.8%	0	0	0.0%	31,921	25,308	26.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	186	222	-16.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	405	0	0.0%	0	0	0.0%	2,762	756	265.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	69	1	6,800.0%	0	0	0.0%	1,834	920	99.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	62	0	0.0%	0	0	0.0%	1,539	1,801	-14.5%
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	0	0.0%	0	0	0.0%	0	59	-100.0%
EUR/USD MONTHLY OPTIONS	244	2,327	-89.5%	205,857	412,540	-50.1%	9,481	13,224	-28.3%	3,819,537	5,573,014	-31.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,806	12,669	-85.7%	0	80	-100.0%	110,935	278,959	-60.2%
EUR/USD WKLY FRIDAY OPTIC	15	0	0.0%	7,099	17,111	-58.5%	15	0	0.0%	268,621	345,631	-22.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,403	48,277	-70.2%	0	1,800	-100.0%	316,763	544,506	-41.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,994	33,861	-46.9%	0	750	-100.0%	363,573	548,852	-33.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	18,007	29,099	-38.1%	0	0	0.0%	99,598	153,317	-35.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	11,061	14,535	-23.9%	0	0	0.0%	138,746	142,195	-2.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,816	18,470	-52.3%	0	0	0.0%	133,939	137,925	-2.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,099	9,787	-17.2%	0	0	0.0%	135,254	128,844	5.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,478	7,615	24.5%	0	0	0.0%	150,169	146,970	2.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	39,185	66,146	-40.8%
GBP/USD MONTHLY OPTIONS	0	260	-100.0%	74,304	246,275	-69.8%	906	882	2.7%	1,326,180	2,018,369	-34.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	7	4,088	-99.8%	0	0	0.0%	29,987	71,530	-58.1%
GBP/USD WKLY FRIDAY OPTIC	20	0	0.0%	2,447	8,349	-70.7%	36	0	0.0%	65,470	135,427	-51.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,590	23,448	-93.2%	0	30	-100.0%	92,885	213,659	-56.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,985	12,225	-75.6%	0	0	0.0%	88,599	215,479	-58.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,551	7,347	-51.7%	0	0	0.0%	29,301	51,741	-43.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	758	5,545	-86.3%	0	0	0.0%	23,045	39,426	-41.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	3,565	13,116	-72.8%	0	0	0.0%	27,528	50,755	-45.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	576	10,386	-94.5%	0	0	0.0%	26,419	56,633	-53.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	208	3,084	-93.3%	0	0	0.0%	23,583	47,387	-50.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	8,595	33,084	-74.0%
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	0	20	-100.0%	116,701	149,812	-22.1%	207	4,485	-95.4%	1,519,490	1,816,072	-16.3%

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FX Options												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	465	3,684	-87.4%	0	0	0.0%	56,218	91,683	-38.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,565	5,685	33.1%	0	0	0.0%	103,430	159,433	-35.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,976	28,262	-64.7%	0	0	0.0%	155,026	236,309	-34.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,208	12,494	-34.3%	0	0	0.0%	145,712	238,104	-38.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,053	13,041	-15.2%	0	0	0.0%	59,193	61,599	-3.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,143	4,693	-11.7%	0	0	0.0%	50,173	48,185	4.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,115	5,286	-41.1%	0	0	0.0%	46,071	51,876	-11.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,071	7,340	-44.5%	0	0	0.0%	47,356	43,938	7.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,577	2,599	37.6%	0	0	0.0%	46,541	50,863	-8.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	10,637	22,991	-53.7%
MXN/USD MONTHLY OPTIONS	175	400	-56.3%	1,207	1,219	-1.0%	1,145	6,118	-81.3%	14,799	15,453	-4.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,200	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	528	205	157.6%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	247	0	0.0%	0	0	0.0%	1,350	286	372.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	201	0	0.0%	0	0	0.0%	530	632	-16.1%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	28	0	0.0%	0	0	0.0%	28	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	1,285	1,017	26.4%	0	0	0.0%	7,734	1,032	649.4%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1	-100.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	50	-	-	0	-	-	170	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	306	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	600	-	-	0	-	-	750	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	100	-	-
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	134	-100.0%	0	0	0.0%	0	12,942	-100.0%
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	159	479	-66.8%	0	0	0.0%	8,919	9,681	-7.9%

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Ag Products Futures												
BUTTER CS	0	0	0.0%	4,119	4,440	-7.2%	0	0	0.0%	46,826	47,001	-0.4%
CASH-SETTLED CHEESE	0	0	0.0%	11,161	13,239	-15.7%	0	0	0.0%	119,679	120,259	-0.5%
CATTLE	744	128	481.3%	1,486,828	1,466,221	1.4%	12,306	12,971	-5.1%	15,713,478	15,294,230	2.7%
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	3	-100.0%	1,121	2,127	-47.3%	158	3	5,166.7%	24,193	8,418	187.4%
DRY WHEY	0	0	0.0%	1,364	1,009	35.2%	0	0	0.0%	13,689	15,359	-10.9%
FEEDER CATTLE	27	21	28.6%	234,304	226,098	3.6%	205	38	439.5%	3,362,774	3,296,953	2.0%
GOLDMAN SACHS	0	0	0.0%	24,774	31,129	-20.4%	0	0	0.0%	307,474	343,251	-10.4%
GSCI EXCESS RETURN FUT	0	0	0.0%	87	202	-56.9%	0	0	0.0%	421	818	-48.5%
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	55	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	1,372	1,432	-4.2%	1,232,383	1,259,546	-2.2%	17,141	17,211	-0.4%	14,694,345	12,760,457	15.2%
HOUSING INDEX	0	0	0.0%	14	11	27.3%	0	0	0.0%	142	100	42.0%
LUMBER	0	0	0.0%	12,514	13,993	-10.6%	0	0	0.0%	150,180	202,554	-25.9%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	54	0	0.0%	31,121	30,949	0.6%	356	1,239	-71.3%	299,225	271,744	10.1%
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%	5,801	5,784	0.3%	19	43	-55.8%	67,290	55,682	20.8%
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	458	196	133.7%	1,941	3,448	-43.7%	4,946	10,712	-53.8%	29,084	33,272	-12.6%
CASH-SETTLED CHEESE	1,422	1,926	-26.2%	5,633	6,100	-7.7%	17,587	31,062	-43.4%	85,514	78,368	9.1%
CATTLE	12,705	12,312	3.2%	208,392	149,990	38.9%	270,280	277,604	-2.6%	2,001,777	2,217,257	-9.7%
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	0	307	-100.0%	1,354	1,326	2.1%	3,605	1,088	231.3%	33,976	11,526	194.8%
DRY WHEY	0	0	0.0%	146	88	65.9%	747	1,355	-44.9%	7,206	5,216	38.2%
FEEDER CATTLE	974	1,392	-30.0%	19,826	23,307	-14.9%	20,827	20,159	3.3%	303,450	298,254	1.7%
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	19,270	33,769	-42.9%	243,935	193,646	26.0%	321,231	304,284	5.6%	3,606,387	2,303,868	56.5%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	0	0.0%
LUMBER	0	7	-100.0%	1,536	1,526	0.7%	70	223	-68.6%	18,772	19,264	-2.6%
LV CATL CSO	20	14	42.9%	0	0	0.0%	549	316	73.7%	0	0	0.0%
MILK	632	2,325	-72.8%	35,294	35,040	0.7%	23,066	61,007	-62.2%	395,665	326,415	21.2%
MLK MID OPTIONS	4	6	-33.3%	0	1	-100.0%	35	431	-91.9%	194	28	592.9%
NFD MILK	47	456	-89.7%	2,628	5,258	-50.0%	2,058	9,116	-77.4%	55,149	46,028	19.8%
TOTAL FUTURES GROUP												
Interest Rate Futures	362,113	678,692	-46.6%	36,816,243	58,062,354	-36.6%	7,964,427	8,669,920	-8.1%	642,313,987	674,055,812	-4.7%
Equity Index Futures	4,455	15,177	-70.6%	39,928,157	55,001,883	-27.4%	225,695	425,797	-47.0%	586,861,907	550,701,164	6.6%
FX Futures	0	6	-100.0%	12,881,722	17,386,962	-25.9%	68	710	-90.4%	182,201,948	212,824,220	-14.4%
Foreign Exchange Futures	0	0	0.0%	0	134	-100.0%	0	0	0.0%	0	12,942	-100.0%
Ag Products Futures	2,197	1,584	38.7%	3,045,591	3,054,748	-0.3%	30,185	31,505	-4.2%	34,799,741	32,416,881	7.4%
TOTAL FUTURES	368,765	695,459	-47.0%	92,671,713	133,506,081	-30.6%	8,220,375	9,127,932	-9.9%	1,446,177,583	1,470,011,019	-1.6%

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TOTAL OPTIONS GROUP												
Equity Index Options	624,821	908,376	-31.2%	10,233,156	15,905,385	-35.7%	7,418,910	11,018,123	-32.7%	140,841,054	176,899,670	-20.4%
Interest Rate Options	11,944,295	14,531,527	-17.8%	8,710,032	11,318,764	-23.0%	218,463,421	194,917,477	12.1%	146,096,532	109,330,969	33.6%
FX Options	729	3,341	-78.2%	749,182	1,443,071	-48.1%	13,134	31,009	-57.6%	11,765,908	17,006,386	-30.8%
Ag Products Options	35,532	52,710	-32.6%	520,685	419,730	24.1%	665,001	717,357	-7.3%	6,537,181	5,339,496	22.4%
Foreign Exchange Options	0	0	0.0%	159	479	-66.8%	0	0	0.0%	8,919	9,681	-7.9%
TOTAL OPTIONS	12,605,377	15,495,954	-18.7%	20,213,214	29,087,429	-30.5%	226,560,466	206,683,966	9.6%	305,249,594	308,586,202	-1.1%
TOTAL COMBINED												
Interest Rate	12,306,408	15,210,219	-19.1%	45,526,275	69,381,118	-34.4%	226,427,848	203,587,397	11.2%	788,410,519	783,386,781	0.6%
Equity Index	629,276	923,553	-31.9%	50,161,313	70,907,268	-29.3%	7,644,605	11,443,920	-33.2%	727,702,961	727,600,834	0.0%
FX	729	3,347	-78.2%	13,630,904	18,830,033	-27.6%	13,202	31,719	-58.4%	193,967,856	229,830,606	-15.6%
Foreign Exchange	0	0	0.0%	159	613	-74.1%	0	0	0.0%	8,919	22,623	-60.6%
Ag Products	37,729	54,294	-30.5%	3,566,276	3,474,478	2.6%	695,186	748,862	-7.2%	41,336,922	37,756,377	9.5%
GRAND TOTAL	12,974,142	16,191,413	-19.9%	112,884,927	162,593,510	-30.6%	234,780,841	215,811,898	8.8%	1,751,427,177	1,778,597,221	-1.5%