



CME Exchange Volume Comparison Report - Monthly

	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 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%	1	595	-99.8%	0	0	0.0%	451	31,937	-98.6%
EURODOLLARS	328,168	619,962	-47.1%	35,731,416	70,723,083	-49.5%	8,292,595	9,289,882	-10.7%	668,153,568	743,785,327	-10.2%
SOFR	0	0	0.0%	697,447	274,162	154.4%	0	0	0.0%	8,572,639	1,050,064	716.4%
SONIA	0	0	0.0%	196,587	112,287	75.1%	0	0	0.0%	2,212,780	298,611	641.0%
Interest Rate Options												
EURODOLLARS	6,846,949	8,450,205	-19.0%	7,690,449	4,724,306	62.8%	154,702,821	105,779,959	46.2%	97,008,097	54,216,247	78.9%
EURO MIDCURVE	2,886,154	8,543,713	-66.2%	2,345,667	4,926,969	-52.4%	73,493,703	106,131,436	-30.8%	59,124,551	64,765,997	-8.7%
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	109,747	80,055	37.1%	0	0	0.0%	1,603,527	922,957	73.7%
E-MINI COM SERVICES SELEC	0	0	0.0%	2,915	13,281	-78.1%	0	0	0.0%	29,583	20,198	46.5%
E-mini FTSE 100 (USD)	0	0	0.0%	0	748	-100.0%	0	0	0.0%	336	16,286	-97.9%
E-mini FTSE China 50	0	0	0.0%	0	1,038	-100.0%	0	0	0.0%	711	12,287	-94.2%
E-MINI MIDCAP	0	0	0.0%	459,981	605,951	-24.1%	0	0	0.0%	3,997,512	4,783,212	-16.4%
E-MINI NASDAQ 100	0	0	0.0%	8,162,283	14,580,088	-44.0%	0	0	0.0%	114,678,323	123,516,402	-7.2%
E-MINI RUSSELL 1000	0	0	0.0%	3,654	10,648	-65.7%	0	0	0.0%	40,453	106,925	-62.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	8,426	7,519	12.1%	0	0	0.0%	44,466	93,846	-52.6%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	13,608	15,290	-11.0%	0	0	0.0%	89,793	121,408	-26.0%
E-MINI RUSSELL 2000	0	0	0.0%	3,396,583	4,832,933	-29.7%	0	0	0.0%	36,160,849	36,976,096	-2.2%
E-MINI S&P500	0	0	0.0%	34,862,801	52,762,929	-33.9%	0	0	0.0%	392,743,727	441,659,466	-11.1%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	5,138	7,771	-33.9%	0	0	0.0%	47,407	45,708	3.7%
FT-SE 100	0	0	0.0%	0	989	-100.0%	0	0	0.0%	372	14,801	-97.5%
FTSE Emerging	0	0	0.0%	2,010	3,528	-43.0%	0	0	0.0%	25,224	11,558	118.2%
IBOVESPA INDEX	0	0	0.0%	601	673	-10.7%	0	0	0.0%	8,239	12,148	-32.2%
MICRO E-MINI NASDAQ 100	0	-	-	3,168,178	-	-	0	-	-	31,750,965	-	-
MICRO E-MINI RUSSELL 2000	0	-	-	554,646	-	-	0	-	-	5,004,928	-	-
MICRO E-MINI S&P500	0	-	-	4,328,000	-	-	0	-	-	43,076,456	-	-
NASDAQ BIOTECH	0	0	0.0%	322	0	0.0%	0	0	0.0%	4,065	0	0.0%
Nearby BTIC+	0	-	-	0	-	-	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%	238,701	367,761	-35.1%	0	0	0.0%	2,612,179	3,790,647	-31.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	814,864	1,141,049	-28.6%	318	0	0.0%	9,721,438	10,959,790	-11.3%
S&P 500	45,694	62,484	-26.9%	324	4,170	-92.2%	271,071	488,281	-44.5%	17,111	53,261	-67.9%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	10,329	9,359	10.4%	0	0	0.0%	112,853	62,410	80.8%
S&P 500/GI	0	0	0.0%	12	20	-40.0%	0	0	0.0%	72	93	-22.6%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	50	100	-50.0%	0	0	0.0%	2,067	1,002	106.3%
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%	9,561	14,737	-35.1%	0	0	0.0%	80,969	188,403	-57.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	16,146	50,811	-68.2%	0	0	0.0%	124,841	208,891	-40.2%
S&P ENERGY SECTOR	0	0	0.0%	21,937	48,434	-54.7%	0	0	0.0%	143,279	286,037	-49.9%
S&P FINANCIAL SECTOR	0	0	0.0%	25,541	52,646	-51.5%	0	0	0.0%	214,556	393,072	-45.4%
S&P HEALTH CARE SECTOR	0	0	0.0%	16,644	58,710	-71.7%	0	0	0.0%	134,124	222,356	-39.7%
S&P INDUSTRIAL SECTOR	0	0	0.0%	17,459	46,680	-62.6%	0	0	0.0%	103,329	192,340	-46.3%
S&P MATERIALS SECTOR	0	0	0.0%	7,598	20,058	-62.1%	0	0	0.0%	67,650	114,069	-40.7%
S&P TECHNOLOGY SECTOR	0	0	0.0%	13,422	85,286	-84.3%	0	0	0.0%	116,903	399,766	-70.8%
S&P UTILITIES SECTOR	0	0	0.0%	19,242	39,170	-50.9%	0	0	0.0%	186,452	317,902	-41.3%
S&P VALUE INDEX FUTURES	0	0	0.0%	16	24	-33.3%	0	0	0.0%	88	104	-15.4%
YEN DENOMINATED TOPIX	0	0	0.0%	12,188	7,631	59.7%	0	0	0.0%	219,936	13,365	1,545.6%

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Equity Index Options												
E-MINI NASDAQ 100	0	0	0.0%	176,277	195,152	-9.7%	0	0	0.0%	2,394,963	2,878,414	-16.8%
E-MINI RUSSELL 2000	0	0	0.0%	16,248	10,319	57.5%	0	0	0.0%	195,003	153,575	27.0%
E-MINI S&P500	0	0	0.0%	6,351,055	8,289,340	-23.4%	600	14,660	-95.9%	66,318,944	73,350,074	-9.6%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	4,114	3,019	36.3%	0	0	0.0%	99,644	77,407	28.7%
EOM EMINI S&P	0	0	0.0%	1,666,065	2,198,100	-24.2%	0	0	0.0%	22,735,455	31,194,081	-27.1%
EOM S&P 500	105,822	178,063	-40.6%	0	0	0.0%	1,392,835	2,168,061	-35.8%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	1,415	1,292	9.5%	0	0	0.0%	18,069	23,913	-24.4%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	1,994	1,835	8.7%	0	0	0.0%	23,400	29,895	-21.7%
EOW1 EMINI S&P 500	0	0	0.0%	1,222,185	1,682,057	-27.3%	0	0	0.0%	11,898,800	14,069,450	-15.4%
EOW1 S&P 500	119,582	130,946	-8.7%	0	0	0.0%	927,803	1,009,555	-8.1%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	3,706	4,504	-17.7%	0	0	0.0%	57,981	59,808	-3.1%
EOW2 EMINI S&P 500	0	0	0.0%	1,238,813	1,503,724	-17.6%	0	0	0.0%	12,211,898	15,832,156	-22.9%
EOW2 S&P 500	182,781	290,407	-37.1%	0	0	0.0%	1,610,480	2,011,224	-19.9%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	15,383	6,926	122.1%	0	0	0.0%	181,234	214,429	-15.5%
EOW3 EMINI S&P 500	0	0	0.0%	1,615,799	2,850,668	-43.3%	0	0	0.0%	27,486,266	43,285,692	-36.5%
EOW3 S&P 500	40,045	110,937	-63.9%	0	0	0.0%	1,407,823	3,079,428	-54.3%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	3,468	2,853	21.6%	0	0	0.0%	39,182	60,829	-35.6%
EOW4 EMINI S&P 500	0	0	0.0%	845,944	1,490,642	-43.2%	0	0	0.0%	10,342,681	13,910,378	-25.6%
S&P 500	350,384	510,200	-31.3%	0	0	0.0%	2,877,983	3,955,748	-27.2%	0	0	0.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	28	1	2,700.0%	0	0	0.0%	176	56	214.3%
AD/JY CROSS RATES	0	0	0.0%	2,528	3,978	-36.5%	0	0	0.0%	30,191	49,499	-39.0%
AD/NE CROSS RATES	0	0	0.0%	247	103	139.8%	0	0	0.0%	1,913	898	113.0%
AUSTRALIAN DOLLAR	0	0	0.0%	2,318,055	2,130,362	8.8%	0	0	0.0%	25,140,801	27,898,666	-9.9%
BDI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BP/JY CROSS RATES	0	0	0.0%	4,256	2,873	48.1%	0	0	0.0%	37,075	35,632	4.0%
BP/SF CROSS RATES	0	0	0.0%	315	129	144.2%	0	0	0.0%	4,652	3,982	16.8%
BRAZIL REAL	0	0	0.0%	164,321	75,352	118.1%	0	0	0.0%	1,670,698	1,185,543	40.9%
BRITISH POUND	0	4	-100.0%	3,209,704	2,532,253	26.8%	3	14	-78.6%	30,386,352	32,297,331	-5.9%
CANADIAN DOLLAR	0	0	0.0%	1,924,958	1,978,823	-2.7%	3	45	-93.3%	19,924,660	20,933,526	-4.8%
CD/JY CROSS RATES	0	0	0.0%	47	100	-53.0%	0	0	0.0%	187	1,049	-82.2%
CHINESE RENMINBI (CNH)	0	0	0.0%	19,945	18,953	5.2%	0	0	0.0%	329,043	117,390	180.3%

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FX Futures												
CZECK KORUNA (EC)	0	0	0.0%	12	0	0.0%	0	0	0.0%	42	8	425.0%
CZECK KORUNA (US)	0	0	0.0%	0	3	-100.0%	0	0	0.0%	0	18	-100.0%
EC/AD CROSS RATES	0	0	0.0%	7,169	6,977	2.8%	0	0	0.0%	56,748	27,892	103.5%
EC/CD CROSS RATES	0	0	0.0%	8,839	8,092	9.2%	0	0	0.0%	41,721	41,167	1.3%
EC/NOK CROSS RATES	0	0	0.0%	777	275	182.5%	0	0	0.0%	6,359	4,440	43.2%
EC/SEK CROSS RATES	0	0	0.0%	1,994	1,726	15.5%	0	0	0.0%	8,926	9,816	-9.1%
EFX/BP CROSS RATES	0	0	0.0%	124,935	116,309	7.4%	0	0	0.0%	1,141,308	990,009	15.3%
EFX/JY CROSS RATES	0	0	0.0%	110,144	103,848	6.1%	0	0	0.0%	837,259	949,458	-11.8%
EFX/SF CROSS RATES	0	0	0.0%	40,936	41,137	-0.5%	0	0	0.0%	410,240	354,750	15.6%
E-MINI EURO FX	0	0	0.0%	96,532	102,290	-5.6%	0	0	0.0%	1,101,614	1,223,766	-10.0%
E-MINI JAPANESE YEN	0	0	0.0%	12,383	21,982	-43.7%	0	0	0.0%	203,855	162,963	25.1%
EURO FX	3	0	0.0%	5,707,184	5,183,197	10.1%	63	544	-88.4%	52,183,713	68,087,111	-23.4%
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%	3	0	0.0%	0	0	0.0%	19	0	0.0%
INDIAN RUPEE	0	0	0.0%	29,596	78,320	-62.2%	0	0	0.0%	745,211	1,089,106	-31.6%
JAPANESE YEN	0	2	-100.0%	3,060,345	3,287,163	-6.9%	2	113	-98.2%	32,486,852	36,729,517	-11.6%
KOREAN WON	0	0	0.0%	259	373	-30.6%	0	0	0.0%	3,487	3,164	10.2%
MEXICAN PESO	0	0	0.0%	1,322,681	1,377,612	-4.0%	0	0	0.0%	14,884,033	16,819,045	-11.5%
MICRO AUD/USD	0	0	0.0%	76,524	111,221	-31.2%	0	0	0.0%	1,202,640	1,313,037	-8.4%
MICRO CAD/USD	0	0	0.0%	16,511	17,294	-4.5%	0	0	0.0%	201,285	206,791	-2.7%
MICRO CHF/USD	0	0	0.0%	6,929	2,009	244.9%	0	0	0.0%	42,767	18,276	134.0%
MICRO EUR/USD	0	0	0.0%	155,409	285,833	-45.6%	0	0	0.0%	2,640,604	4,323,117	-38.9%
MICRO GBP/USD	0	0	0.0%	63,809	36,417	75.2%	0	0	0.0%	650,407	545,675	19.2%
MICRO INR/USD	0	0	0.0%	3,256	8,109	-59.8%	0	0	0.0%	55,850	62,787	-11.0%
MICRO JPY/USD	0	0	0.0%	15,755	25,860	-39.1%	0	0	0.0%	318,376	356,863	-10.8%
NEW ZEALND DOLLAR	0	0	0.0%	678,529	592,062	14.6%	0	0	0.0%	6,926,248	7,488,787	-7.5%
NKR/USD CROSS RATE	0	0	0.0%	9,702	5,384	80.2%	0	0	0.0%	60,852	58,013	4.9%
POLISH ZLOTY (EC)	0	0	0.0%	2	24	-91.7%	0	0	0.0%	454	232	95.7%
POLISH ZLOTY (US)	0	0	0.0%	285	88	223.9%	0	0	0.0%	1,663	1,022	62.7%
RMB USD	0	0	0.0%	1	0	0.0%	0	0	0.0%	10	25	-60.0%
RUSSIAN RUBLE	0	0	0.0%	142,169	88,721	60.2%	0	0	0.0%	891,411	657,473	35.6%
S.AFRICAN RAND	0	0	0.0%	85,438	51,619	65.5%	0	0	0.0%	651,212	548,677	18.7%
SF/JY CROSS RATES	0	0	0.0%	25	0	0.0%	0	0	0.0%	60	7	757.1%
SHEKEL	0	0	0.0%	20	0	0.0%	0	0	0.0%	40	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	7,187	5,753	24.9%	0	0	0.0%	37,061	54,006	-31.4%

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FX Futures												
SWISS FRANC	0	0	0.0%	797,905	645,963	23.5%	0	0	0.0%	7,111,423	7,122,193	-0.2%
TURKISH LIRA	0	0	0.0%	15	0	0.0%	0	0	0.0%	94	10	840.0%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	15	33.3%
FX Options												
AUD/USD MONTHLY OPTIONS	0	0	0.0%	67,768	72,396	-6.4%	20	600	-96.7%	824,517	997,766	-17.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	21,655	44,288	-51.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,029	8,808	13.9%	0	0	0.0%	72,030	82,783	-13.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,797	11,297	-22.1%	0	0	0.0%	77,735	119,584	-35.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,241	5,111	-17.0%	0	0	0.0%	76,112	116,958	-34.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	61	0	0.0%	0	0	0.0%	19,909	33,662	-40.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,169	2,781	-58.0%	0	0	0.0%	19,547	38,584	-49.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,087	1,973	5.8%	0	0	0.0%	20,747	28,334	-26.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	484	1,645	-70.6%	0	0	0.0%	9,331	15,227	-38.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	506	802	-36.9%	0	0	0.0%	15,839	23,903	-33.7%
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	1	-100.0%	0	0	0.0%	0	280	-100.0%
BRL/USD MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	1,821	-	-
CAD/USD MONTHLY OPTIONS	75	40	87.5%	48,277	63,053	-23.4%	1,389	3,080	-54.9%	623,350	982,277	-36.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	100	-100.0%	0	0	0.0%	36,274	65,316	-44.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	12,761	15,278	-16.5%	10	0	0.0%	82,750	144,128	-42.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	12,822	9,441	35.8%	0	0	0.0%	113,052	196,718	-42.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,402	9,588	18.9%	0	0	0.0%	121,390	192,195	-36.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	684	0	0.0%	0	0	0.0%	36,908	64,247	-42.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	102	3,081	-96.7%	0	0	0.0%	33,792	38,687	-12.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,972	1,581	151.2%	0	0	0.0%	40,528	39,293	3.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,939	5,619	-29.9%	0	0	0.0%	36,726	52,980	-30.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,627	123	2,848.8%	0	0	0.0%	34,789	43,589	-20.2%
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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CME Exchange Volume Comparison Report - Monthly

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FX Options												
CHF/USD MONTHLY OPTIONS	0	0	0.0%	6,137	778	688.8%	0	0	0.0%	38,058	26,086	45.9%
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%	173	3	5,666.7%	0	0	0.0%	2,935	759	286.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	376	19	1,878.9%	0	0	0.0%	2,210	939	135.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	285	0	0.0%	0	0	0.0%	1,824	1,801	1.3%
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	180	990	-81.8%	223,059	326,861	-31.8%	9,661	14,214	-32.0%	4,042,596	5,899,875	-31.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	13	-100.0%	0	80	-100.0%	110,935	278,972	-60.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	38,347	53,682	-28.6%	15	0	0.0%	306,968	399,313	-23.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	26,131	73,567	-64.5%	0	1,800	-100.0%	342,894	618,073	-44.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	15,683	32,914	-52.4%	0	750	-100.0%	379,256	581,766	-34.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	123	0	0.0%	0	0	0.0%	99,721	153,317	-35.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,274	14,429	-14.9%	0	0	0.0%	151,020	156,624	-3.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,935	16,818	-23.1%	0	0	0.0%	146,874	154,743	-5.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,251	11,930	2.7%	0	0	0.0%	147,505	140,774	4.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,731	9,249	5.2%	0	0	0.0%	159,900	156,219	2.4%
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	12	75	-84.0%	142,545	137,958	3.3%	918	957	-4.1%	1,468,725	2,156,327	-31.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	70	-100.0%	0	0	0.0%	29,987	71,600	-58.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,703	19,687	-25.3%	36	0	0.0%	80,173	155,114	-48.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,969	11,625	-22.8%	0	30	-100.0%	101,854	225,284	-54.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,706	6,060	-38.8%	0	0	0.0%	92,305	221,539	-58.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	25	0	0.0%	0	0	0.0%	29,326	51,741	-43.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,049	3,297	-68.2%	0	0	0.0%	24,094	42,723	-43.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	4,188	6,921	-39.5%	0	0	0.0%	31,716	57,676	-45.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,724	2,777	-37.9%	0	0	0.0%	28,143	59,410	-52.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,521	2,106	-27.8%	0	0	0.0%	25,104	49,493	-49.3%
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	15	38	-60.5%	91,869	150,687	-39.0%	222	4,523	-95.1%	1,611,359	1,966,759	-18.1%

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FX Options												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	56,218	91,683	-38.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	18,550	22,771	-18.5%	0	0	0.0%	121,980	182,204	-33.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	12,053	30,445	-60.4%	0	0	0.0%	167,079	266,754	-37.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,172	16,731	-51.2%	0	0	0.0%	153,884	254,835	-39.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	89	0	0.0%	0	0	0.0%	59,282	61,599	-3.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,911	5,134	-4.3%	0	0	0.0%	55,084	53,319	3.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,953	5,097	16.8%	0	0	0.0%	52,024	56,973	-8.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,944	3,410	-13.7%	0	0	0.0%	50,300	47,348	6.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,537	6,396	-60.3%	0	0	0.0%	49,078	57,259	-14.3%
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	0	300	-100.0%	720	1,217	-40.8%	1,145	6,418	-82.2%	15,519	16,670	-6.9%
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%	0	0	0.0%	0	0	0.0%	1,350	286	372.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	530	632	-16.1%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	28	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	1,439	17	8,364.7%	0	0	0.0%	9,173	1,049	774.5%
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	-	-	2	-	-	0	-	-	172	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	200	-	-	0	-	-	506	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	200	-	-	0	-	-	950	-	-
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	0	0.0%	0	0	0.0%	0	12,942	-100.0%
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	936	2,615	-64.2%	0	0	0.0%	9,855	12,296	-19.9%

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Ag Products Futures												
BUTTER CS	0	0	0.0%	5,141	4,423	16.2%	0	0	0.0%	51,967	51,424	1.1%
CASH-SETTLED CHEESE	0	0	0.0%	12,513	14,481	-13.6%	0	0	0.0%	132,192	134,740	-1.9%
CATTLE	373	848	-56.0%	964,504	1,119,135	-13.8%	12,679	13,819	-8.2%	16,677,982	16,413,365	1.6%
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	21	-100.0%	2,086	2,354	-11.4%	158	24	558.3%	26,279	10,772	144.0%
DRY WHEY	0	0	0.0%	1,324	1,230	7.6%	0	0	0.0%	15,013	16,589	-9.5%
FEEDER CATTLE	11	0	0.0%	243,791	231,572	5.3%	216	38	468.4%	3,606,565	3,528,525	2.2%
GOLDMAN SACHS	0	0	0.0%	20,392	31,926	-36.1%	0	0	0.0%	327,866	375,177	-12.6%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	74	-100.0%	0	0	0.0%	421	892	-52.8%
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	841	1,006	-16.4%	885,478	752,089	17.7%	17,982	18,217	-1.3%	15,579,823	13,512,546	15.3%
HOUSING INDEX	0	0	0.0%	6	13	-53.8%	0	0	0.0%	148	113	31.0%
LUMBER	0	0	0.0%	11,805	11,518	2.5%	0	0	0.0%	161,985	214,072	-24.3%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	105	96	9.4%	33,241	28,521	16.5%	461	1,335	-65.5%	332,466	300,265	10.7%
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%	6,328	3,615	75.0%	19	43	-55.8%	73,618	59,297	24.2%
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	20	257	-92.2%	1,609	4,623	-65.2%	4,966	10,969	-54.7%	30,693	37,895	-19.0%
CASH-SETTLED CHEESE	2,701	5,842	-53.8%	8,000	9,714	-17.6%	20,288	36,904	-45.0%	93,514	88,082	6.2%
CATTLE	13,063	17,374	-24.8%	127,696	128,378	-0.5%	283,343	294,978	-3.9%	2,129,473	2,345,635	-9.2%
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%
CLASS IV MILK	0	186	-100.0%	2,391	2,701	-11.5%	3,605	1,274	183.0%	36,367	14,227	155.6%
DRY WHEY	2	24	-91.7%	160	395	-59.5%	749	1,379	-45.7%	7,366	5,611	31.3%
FEEDER CATTLE	383	1,957	-80.4%	16,928	18,371	-7.9%	21,210	22,116	-4.1%	320,378	316,625	1.2%
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%
HOGS	14,168	22,424	-36.8%	232,533	135,516	71.6%	335,399	326,708	2.7%	3,838,920	2,439,384	57.4%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	0	0.0%
LUMBER	0	0	0.0%	1,058	2,070	-48.9%	70	223	-68.6%	19,830	21,334	-7.0%
LV CATL CSO	40	25	60.0%	0	0	0.0%	589	341	72.7%	0	0	0.0%
MILK	1,534	7,850	-80.5%	35,203	32,764	7.4%	24,600	68,857	-64.3%	430,868	359,179	20.0%
MLK MID OPTIONS	15	12	25.0%	0	13	-100.0%	50	443	-88.7%	194	41	373.2%
NFD MILK	58	289	-79.9%	2,434	2,935	-17.1%	2,116	9,405	-77.5%	57,583	48,963	17.6%
TOTAL FUTURES GROUP												
Interest Rate Futures	328,168	619,962	-47.1%	36,625,451	71,110,127	-48.5%	8,292,595	9,289,882	-10.7%	678,939,438	745,165,939	-8.9%
Equity Index Futures	45,694	62,484	-26.9%	56,302,927	74,870,087	-24.8%	271,389	488,281	-44.4%	643,164,834	625,571,251	2.8%
FX Futures	3	6	-50.0%	20,227,664	18,948,588	6.8%	71	716	-90.1%	202,429,612	231,772,808	-12.7%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	12,942	-100.0%
Ag Products Futures	1,330	1,971	-32.5%	2,186,609	2,200,951	-0.7%	31,515	33,476	-5.9%	36,986,350	34,617,832	6.8%
TOTAL FUTURES	375,195	684,423	-45.2%	115,342,651	167,129,753	-31.0%	8,595,570	9,812,355	-12.4%	1,561,520,234	1,637,140,772	-4.6%

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TOTAL OPTIONS GROUP												
Equity Index Options	798,614	1,220,553	-34.6%	13,162,466	18,240,431	-27.8%	8,217,524	12,238,676	-32.9%	154,003,520	195,140,101	-21.1%
Interest Rate Options	9,733,103	16,993,918	-42.7%	10,036,116	9,651,275	4.0%	228,196,524	211,911,395	7.7%	156,132,648	118,982,244	31.2%
FX Options	282	1,443	-80.5%	878,302	1,185,347	-25.9%	13,416	32,452	-58.7%	12,644,210	18,191,733	-30.5%
Ag Products Options	31,984	56,240	-43.1%	428,012	337,480	26.8%	696,985	773,597	-9.9%	6,965,193	5,676,976	22.7%
Foreign Exchange Options	0	0	0.0%	936	2,615	-64.2%	0	0	0.0%	9,855	12,296	-19.9%
TOTAL OPTIONS	10,563,983	18,272,154	-42.2%	24,505,832	29,417,148	-16.7%	237,124,449	224,956,120	5.4%	329,755,426	338,003,350	-2.4%
TOTAL COMBINED												
Interest Rate	10,061,271	17,613,880	-42.9%	46,661,567	80,761,402	-42.2%	236,489,119	221,201,277	6.9%	835,072,086	864,148,183	-3.4%
Equity Index	844,308	1,283,037	-34.2%	69,465,393	93,110,518	-25.4%	8,488,913	12,726,957	-33.3%	797,168,354	820,711,352	-2.9%
FX	285	1,449	-80.3%	21,105,966	20,133,935	4.8%	13,487	33,168	-59.3%	215,073,822	249,964,541	-14.0%
Foreign Exchange	0	0	0.0%	936	2,615	-64.2%	0	0	0.0%	9,855	25,238	-61.0%
Ag Products	33,314	58,211	-42.8%	2,614,621	2,538,431	3.0%	728,500	807,073	-9.7%	43,951,543	40,294,808	9.1%
GRAND TOTAL	10,939,178	18,956,577	-42.3%	139,848,483	196,546,901	-28.8%	245,720,019	234,768,475	4.7%	1,891,275,660	1,975,144,122	-4.2%

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