

CME Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2023	Open Outcry NOV 2022	% CHG	ELEC NOV 2023	ELEC NOV 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Interest Rate Futures												
13-Week U.S. T-Bill Futures	0	-	-	16,014	-	-	0	-	-	34,674	-	-
1-MONTH EURODOLLAR	0	0	0.0%	0	12	-100.0%	0	0	0.0%	6	349	-98.3%
BSBY 3-MONTH FUTURES	0	0	0.0%	195	17,710	-98.9%	0	0	0.0%	32,232	556,958	-94.2%
ESTR Basis Spread Futures	0	0	0.0%	1,252	1,639	-23.6%	0	0	0.0%	15,019	1,680	794.0%
ESTR Futures	0	0	0.0%	275,896	5,634	4,797.0%	0	0	0.0%	1,332,729	5,645	23,509.0%
EURODOLLARS	0	309,454	-100.0%	0	14,747,878	-100.0%	258,492	7,774,035	-96.7%	27,895,109	371,194,368	-92.5%
FTIIE	0	0	0.0%	0	25	-100.0%	0	0	0.0%	1,774	941	88.5%
SOFR	519,292	331,564	56.6%	81,671,067	48,012,164	70.1%	6,798,497	1,357,199	400.9%	760,532,729	394,709,618	92.7%
SONIA	0	0	0.0%	25	0	0.0%	0	0	0.0%	390	1,293	-69.8%
Interest Rate Options												
EURODOLLARS	0	2,030,484	-100.0%	0	7,535,087	-100.0%	1,894,920	77,421,659	-97.6%	7,456,246	47,121,986	-84.2%
EURO MIDCURVE	0	405,105	-100.0%	0	344,159	-100.0%	396,228	41,378,990	-99.0%	201,525	21,606,345	-99.1%
SOFR	19,491,581	9,828,673	98.3%	8,144,985	3,557,395	129.0%	201,144,641	45,353,302	343.5%	89,519,142	16,731,139	435.0%
SOFR MIDCURVE	6,046,534	2,940,389	105.6%	3,119,383	1,022,535	205.1%	49,779,931	13,456,913	269.9%	21,317,641	5,068,361	320.6%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Equity Index Futures												
AIR	0	0	0.0%	37,853	2,530	1,396.2%	0	0	0.0%	58,975	7,216	717.3%
BITCOIN	0	0	0.0%	265,517	276,537	-4.0%	0	0	0.0%	2,397,721	2,405,830	-0.3%
E-mini FTSE China 50	0	0	0.0%	0	231	-100.0%	0	0	0.0%	44	7,353	-99.4%
E-MINI MIDCAP	0	0	0.0%	303,845	264,597	14.8%	0	0	0.0%	3,053,164	3,590,218	-15.0%
E-MINI NASDAQ 100	0	0	0.0%	12,578,515	13,148,790	-4.3%	0	0	0.0%	153,614,965	162,123,289	-5.2%
E-MINI RUSSELL 1000	0	0	0.0%	2,484	642	286.9%	0	0	0.0%	28,259	30,911	-8.6%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,882	1,723	9.2%	0	0	0.0%	26,505	48,347	-45.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	1,784	2,527	-29.4%	0	0	0.0%	48,090	81,284	-40.8%
E-MINI RUSSELL 2000	0	0	0.0%	4,563,536	3,996,508	14.2%	0	0	0.0%	50,132,330	54,595,961	-8.2%
E-MINI S&P500	0	0	0.0%	31,361,322	35,981,607	-12.8%	0	0	0.0%	410,484,751	457,474,637	-10.3%
E-MINI S&P500 ESG	0	0	0.0%	14,991	15,606	-3.9%	0	0	0.0%	202,933	276,003	-26.5%
ETHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7	-100.0%
ETHER FUTURES	0	0	0.0%	137,323	167,913	-18.2%	0	0	0.0%	1,148,473	1,489,330	-22.9%

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Equity Index Futures												
FT-SE 100	0	0	0.0%	0	4	-100.0%	0	0	0.0%	841	1,528	-45.0%
FTSE Emerging	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IBOVESPA INDEX	0	0	0.0%	2	44	-95.5%	0	0	0.0%	329	625	-47.4%
MICRO BITCOIN	0	0	0.0%	262,741	343,673	-23.5%	0	0	0.0%	2,291,888	3,564,613	-35.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	21,016,152	26,067,137	-19.4%	0	0	0.0%	253,889,019	341,925,355	-25.7%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,524,641	2,240,312	-31.9%	0	0	0.0%	17,557,461	31,094,856	-43.5%
MICRO E-MINI S&P500	0	0	0.0%	16,319,492	27,185,751	-40.0%	0	0	0.0%	234,067,464	317,898,853	-26.4%
MICRO ETHER	0	0	0.0%	219,097	474,356	-53.8%	0	0	0.0%	2,003,087	4,725,382	-57.6%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	36	-100.0%	0	0	0.0%	3,203	18,555	-82.7%
NASDAQ BIOTECH SECTOR	0	0	0.0%	4	63	-93.7%	0	0	0.0%	1,198	2,223	-46.1%
Nearby BTIC+	0	0	0.0%	0	50	-100.0%	0	0	0.0%	0	5,250	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	119,730	96,887	23.6%	0	0	0.0%	1,546,017	1,270,158	21.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	619,090	588,800	5.1%	0	0	0.0%	7,109,622	8,502,655	-16.4%
PHLX SEMICONDUCTOR SECT	0	0	0.0%	30	229	-86.9%	0	0	0.0%	2,198	1,692	29.9%
S&P 500	0	0	0.0%	1,019	89	1,044.9%	0	0	0.0%	5,964	1,249	377.5%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	49,180	22,505	118.5%	0	0	0.0%	407,198	309,661	31.5%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	12,092	6,480	86.6%	0	0	0.0%	105,525	24,708	327.1%
S&P 600 SMALLCAP EMINI	0	-	-	77	-	-	0	-	-	582	-	-
S&P BIOTECHNOLOGY SECTO	0	0	0.0%	499	681	-26.7%	0	0	0.0%	6,105	8,822	-30.8%
S&P COMMUNICATION SERVIC	0	0	0.0%	1,505	1,210	24.4%	0	0	0.0%	39,238	35,803	9.6%
S&P CONSUMER DISCRETION	0	0	0.0%	4,379	3,260	34.3%	0	0	0.0%	59,546	75,218	-20.8%
S&P CONSUMER STAPLES SE	0	0	0.0%	9,080	8,494	6.9%	0	0	0.0%	181,866	182,093	-0.1%
S&P ENERGY SECTOR	0	0	0.0%	19,333	18,963	2.0%	0	0	0.0%	261,577	475,229	-45.0%
S&P FINANCIAL SECTOR	0	0	0.0%	8,333	8,700	-4.2%	0	0	0.0%	219,905	251,446	-12.5%
S&P HEALTH CARE SECTOR	0	0	0.0%	7,379	5,374	37.3%	0	0	0.0%	134,493	187,691	-28.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	6,902	7,335	-5.9%	0	0	0.0%	119,201	140,767	-15.3%
S&P MATERIALS SECTOR	0	0	0.0%	5,183	5,562	-6.8%	0	0	0.0%	84,422	90,828	-7.1%
S&P OIL & GAS EXPLORATION	0	0	0.0%	101	316	-68.0%	0	0	0.0%	1,877	4,635	-59.5%
S&P REAL ESTATE SECTOR	0	0	0.0%	2,847	1,382	106.0%	0	0	0.0%	63,482	43,935	44.5%
S&P REGIONAL BANKS SECTO	0	0	0.0%	858	272	215.4%	0	0	0.0%	8,507	2,311	268.1%
S&P RETAIL SECTOR	0	0	0.0%	101	289	-65.1%	0	0	0.0%	2,304	3,128	-26.3%
S&P TECHNOLOGY SECTOR	0	0	0.0%	6,064	9,227	-34.3%	0	0	0.0%	114,031	223,091	-48.9%
S&P UTILITIES SECTOR	0	0	0.0%	17,860	8,580	108.2%	0	0	0.0%	196,654	186,577	5.4%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	0	0.0%	60	30	100.0%	0	0	0.0%	886	30	2,853.3%

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Equity Index Futures												
TOPIX (YEN)	0	0	0.0%	494	147	236.1%	0	0	0.0%	3,393	19,952	-83.0%
WATER INDEX FUTURES	0	0	0.0%	18	3	500.0%	0	0	0.0%	167	595	-71.9%
Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,450	2,394	2.3%	0	0	0.0%	30,040	17,063	76.1%
E-MINI NASDAQ 100	0	0	0.0%	1,395,320	933,724	49.4%	0	0	0.0%	15,253,973	11,005,313	38.6%
E-MINI RUSSELL 2000	0	0	0.0%	314,472	94,686	232.1%	0	0	0.0%	1,698,951	1,451,953	17.0%
E-MINI S&P500	0	0	0.0%	27,676,519	23,539,415	17.6%	0	0	0.0%	283,251,787	246,676,210	14.8%
EOM S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	0	0.0%	2,625	446	488.6%	0	0	0.0%	17,803	840	2,019.4%
EVENT CONTRACT S&P 500	0	-	-	4,625	-	-	0	-	-	70,440	-	-
MICRO BITCOIN	0	0	0.0%	20,849	3,430	507.8%	0	0	0.0%	133,095	74,447	78.8%
MICRO E-MINI NASDAQ 100	0	0	0.0%	55,510	47,560	16.7%	0	0	0.0%	629,445	593,422	6.1%
Micro E-mini S&P 500	0	0	0.0%	371,185	257,197	44.3%	0	0	0.0%	2,894,564	2,592,494	11.7%
MICRO ETHER	0	0	0.0%	94,402	30,233	212.2%	0	0	0.0%	294,589	272,422	8.1%
S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	0	217	-100.0%	0	0	0.0%	170	736	-76.9%
AD/JY CROSS RATES	0	0	0.0%	1,658	2,605	-36.4%	0	0	0.0%	16,658	48,106	-65.4%
AD/NE CROSS RATES	0	0	0.0%	7,931	1,791	342.8%	0	0	0.0%	41,842	40,723	2.7%
AUSTRALIAN DOLLAR	0	0	0.0%	2,400,045	2,118,822	13.3%	0	0	0.0%	23,138,195	23,301,178	-0.7%
BP/JY CROSS RATES	0	0	0.0%	1,843	2,724	-32.3%	0	0	0.0%	23,394	48,562	-51.8%
BP/SF CROSS RATES	0	0	0.0%	2,781	1,146	142.7%	0	0	0.0%	24,253	23,029	5.3%
BRAZIL REAL	0	0	0.0%	332,400	367,245	-9.5%	0	0	0.0%	3,143,578	3,175,168	-1.0%
BRITISH POUND	0	0	0.0%	2,267,721	2,369,458	-4.3%	0	0	0.0%	24,219,907	28,351,672	-14.6%
CANADIAN DOLLAR	0	0	0.0%	1,613,848	1,783,225	-9.5%	0	0	0.0%	19,187,907	20,809,530	-7.8%
CD/JY CROSS RATES	0	0	0.0%	28	29	-3.4%	0	0	0.0%	606	387	56.6%
CHILEAN PESO	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	85,162	44,931	89.5%	0	0	0.0%	398,997	343,964	16.0%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	19	-68.4%

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FX Futures												
CZECK KORUNA (US)	0	0	0.0%	1	9	-88.9%	0	0	0.0%	43	37	16.2%
EC/AD CROSS RATES	0	0	0.0%	1,304	3,803	-65.7%	0	0	0.0%	54,322	61,004	-11.0%
EC/CD CROSS RATES	0	0	0.0%	3,313	4,340	-23.7%	0	0	0.0%	62,494	84,933	-26.4%
EC/NOK CROSS RATES	0	0	0.0%	1,141	1,005	13.5%	0	0	0.0%	12,248	19,714	-37.9%
EC/SEK CROSS RATES	0	0	0.0%	2,381	1,517	57.0%	0	0	0.0%	27,396	24,749	10.7%
EFX/BP CROSS RATES	0	0	0.0%	56,947	65,559	-13.1%	0	0	0.0%	757,827	1,030,979	-26.5%
EFX/JY CROSS RATES	0	0	0.0%	37,771	26,131	44.5%	0	0	0.0%	535,623	577,829	-7.3%
EFX/SF CROSS RATES	0	0	0.0%	17,952	13,899	29.2%	0	0	0.0%	247,129	414,482	-40.4%
E-MICRO USD/CAD	0	0	0.0%	21	76	-72.4%	0	0	0.0%	1,106	1,914	-42.2%
E-MICRO USD/CHF	0	0	0.0%	47	27	74.1%	0	0	0.0%	1,436	766	87.5%
E-MICRO USD/JPY	0	0	0.0%	1,075	1,200	-10.4%	0	0	0.0%	35,660	152,361	-76.6%
E-MINI EURO FX	0	0	0.0%	101,268	186,774	-45.8%	0	0	0.0%	1,294,546	1,708,126	-24.2%
E-MINI JAPANESE YEN	0	0	0.0%	13,416	9,960	34.7%	0	0	0.0%	134,597	131,656	2.2%
EURO FX	0	0	0.0%	4,392,743	4,660,219	-5.7%	0	0	0.0%	51,753,858	54,807,710	-5.6%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	41	3	1,266.7%
HUNGARIAN FORINT (US)	0	0	0.0%	0	6	-100.0%	0	0	0.0%	86	48	79.2%
INDIAN RUPEE	0	0	0.0%	20,620	33,070	-37.6%	0	0	0.0%	272,263	299,751	-9.2%
JAPANESE YEN	0	0	0.0%	3,911,442	3,024,617	29.3%	0	0	0.0%	39,797,289	35,783,701	11.2%
KOREAN WON	0	0	0.0%	2,719	336	709.2%	0	0	0.0%	6,800	3,711	83.2%
MEXICAN PESO	0	0	0.0%	1,287,824	1,218,473	5.7%	0	0	0.0%	14,648,873	13,447,232	8.9%
MICRO AUD/USD	0	0	0.0%	316,148	271,953	16.3%	0	0	0.0%	3,074,834	2,916,229	5.4%
MICRO CAD/USD	0	0	0.0%	56,122	80,400	-30.2%	0	0	0.0%	573,956	694,035	-17.3%
MICRO CHF/USD	0	0	0.0%	12,228	15,839	-22.8%	0	0	0.0%	168,137	189,941	-11.5%
MICRO EUR/USD	0	0	0.0%	581,463	873,666	-33.4%	0	0	0.0%	6,704,283	8,796,529	-23.8%
MICRO GBP/USD	0	0	0.0%	73,061	126,339	-42.2%	0	0	0.0%	760,403	1,379,196	-44.9%
MICRO INR/USD	0	0	0.0%	218	764	-71.5%	0	0	0.0%	4,310	7,807	-44.8%
MICRO JPY/USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	0	0	0.0%	690,103	609,881	13.2%	0	0	0.0%	7,273,474	7,115,365	2.2%
NKR/USD CROSS RATE	0	0	0.0%	1,617	1,386	16.7%	0	0	0.0%	32,893	29,909	10.0%
POLISH ZLOTY (EC)	0	0	0.0%	3	6	-50.0%	0	0	0.0%	552	1,219	-54.7%
POLISH ZLOTY (US)	0	0	0.0%	1,649	2,087	-21.0%	0	0	0.0%	13,228	15,610	-15.3%
RMB USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	29	-82.8%
RUSSIAN RUBLE	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	576,766	-100.0%
S.AFRICAN RAND	0	0	0.0%	83,101	67,749	22.7%	0	0	0.0%	885,719	974,401	-9.1%

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FX Futures												
SF/JY CROSS RATES	0	0	0.0%	964	1,236	-22.0%	0	0	0.0%	6,533	6,832	-4.4%
SHEKEL	0	0	0.0%	115	6	1,816.7%	0	0	0.0%	1,458	153	852.9%
SKR/USD CROSS RATES	0	0	0.0%	4,296	5,327	-19.4%	0	0	0.0%	50,168	68,323	-26.6%
SWISS FRANC	0	0	0.0%	425,371	450,688	-5.6%	0	0	0.0%	4,988,259	5,912,606	-15.6%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	26	-23.1%
USDZAR	0	0	0.0%	15	0	0.0%	0	0	0.0%	215	31	593.5%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	157	89	76.4%	0	0	0.0%	2,032	1,848	10.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	50	43	16.3%	0	0	0.0%	3,936	3,304	19.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	49	417	-88.2%	0	0	0.0%	2,088	2,837	-26.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	83	346	-76.0%	0	0	0.0%	3,259	3,580	-9.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	730	1,363	-46.4%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	86,326	64,366	34.1%	0	0	0.0%	663,511	746,648	-11.1%
AUD/USD THURSDAY WKLY O	0	-	-	516	-	-	0	-	-	1,614	-	-
AUD/USD THURSDAY WKLY O	0	-	-	14	-	-	0	-	-	884	-	-
AUD/USD THURSDAY WKLY O	0	-	-	12	-	-	0	-	-	1,280	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	1,617	-	-
AUD/USD THURSDAY WKLY O	0	-	-	69	-	-	0	-	-	567	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	193	-	-	0	-	-	2,065	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	107	-	-	0	-	-	1,957	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	118	-	-	0	-	-	1,407	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	19	-	-	0	-	-	1,310	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	483	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,158	896	29.2%	0	0	0.0%	5,490	5,468	0.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,077	2,043	-47.3%	0	0	0.0%	13,676	17,041	-19.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,741	1,242	40.2%	0	0	0.0%	15,512	20,652	-24.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,051	878	19.7%	0	0	0.0%	16,178	16,990	-4.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	766	0	0.0%	0	0	0.0%	4,044	5,196	-22.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	73	50	46.0%	0	0	0.0%	4,475	6,111	-26.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	345	1,003	-65.6%	0	0	0.0%	3,223	5,674	-43.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,416	96	2,416.7%	0	0	0.0%	5,494	5,600	-1.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	551	849	-35.1%	0	0	0.0%	2,916	5,584	-47.8%

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FX Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	356	380	-6.3%	0	0	0.0%	1,635	958	70.7%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	233	-100.0%	0	0	0.0%	345	3,276	-89.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,393	1,819	31.6%	0	0	0.0%	9,457	4,337	118.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,562	796	96.2%	0	0	0.0%	11,100	11,508	-3.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,103	1,403	49.9%	0	0	0.0%	9,266	11,449	-19.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,081	190	995.3%	0	0	0.0%	12,110	7,207	68.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	434	2,775	-84.4%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	30,988	99,626	-68.9%	0	0	0.0%	507,395	699,872	-27.5%
CAD/USD THURSDAY WKLY O	0	-	-	1,572	-	-	0	-	-	5,573	-	-
CAD/USD THURSDAY WKLY O	0	-	-	598	-	-	0	-	-	3,652	-	-
CAD/USD THURSDAY WKLY O	0	-	-	314	-	-	0	-	-	4,564	-	-
CAD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	4,954	-	-
CAD/USD THURSDAY WKLY O	0	-	-	760	-	-	0	-	-	3,083	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	236	-	-	0	-	-	4,916	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	113	-	-	0	-	-	7,889	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	1,087	-	-	0	-	-	6,645	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	183	-	-	0	-	-	4,224	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	1,240	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,750	3,298	13.7%	0	0	0.0%	15,010	16,217	-7.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,395	2,638	28.7%	0	0	0.0%	23,774	36,120	-34.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,349	3,762	15.6%	0	0	0.0%	28,319	56,559	-49.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,096	2,846	8.8%	0	0	0.0%	32,178	48,629	-33.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	103	6	1,616.7%	0	0	0.0%	11,076	12,626	-12.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,726	746	131.4%	0	0	0.0%	15,622	10,910	43.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,744	783	122.7%	0	0	0.0%	12,312	12,808	-3.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,715	459	273.6%	0	0	0.0%	12,092	15,026	-19.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	857	810	5.8%	0	0	0.0%	13,798	16,624	-17.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,308	1,038	26.0%	0	0	0.0%	4,874	5,512	-11.6%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	6,794	3,646	86.3%	0	0	0.0%	43,986	46,455	-5.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	124	166	-25.3%	0	0	0.0%	2,227	1,155	92.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	221	36	513.9%	0	0	0.0%	5,879	937	527.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2,442	249	880.7%	0	0	0.0%	10,155	1,296	683.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2,357	162	1,354.9%	0	0	0.0%	18,380	1,399	1,213.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	600	83	622.9%	0	0	0.0%	4,134	200	1,967.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	204	-100.0%

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FX Options												
EUR/GBP WKLY FRIDAY OPTIC	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,007	1,033	-2.5%	0	0	0.0%	16,499	20,287	-18.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,108	3,017	-63.3%	0	0	0.0%	19,658	27,974	-29.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,915	1,962	48.6%	0	0	0.0%	18,704	12,385	51.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	716	638	12.2%	0	0	0.0%	18,399	26,946	-31.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,238	5,022	-35.5%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	201,838	327,101	-38.3%	0	0	0.0%	2,631,769	2,808,639	-6.3%
EUR/USD THURSDAY WKLY O	0	-	-	4,145	-	-	0	-	-	11,875	-	-
EUR/USD THURSDAY WKLY O	0	-	-	130	-	-	0	-	-	7,397	-	-
EUR/USD THURSDAY WKLY O	0	-	-	3,115	-	-	0	-	-	8,674	-	-
EUR/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	9,514	-	-
EUR/USD THURSDAY WKLY O	0	-	-	540	-	-	0	-	-	920	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	2,119	-	-	0	-	-	6,102	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	695	-	-	0	-	-	7,005	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,100	-	-	0	-	-	7,567	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	916	-	-	0	-	-	6,681	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	3,008	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,680	13,182	-26.6%	0	0	0.0%	38,989	63,586	-38.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,198	8,794	-6.8%	0	0	0.0%	189,071	143,961	31.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	52,371	18,883	177.3%	0	0	0.0%	306,270	177,380	72.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,412	12,137	43.5%	0	0	0.0%	289,032	185,746	55.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	430	9	4,677.8%	0	0	0.0%	35,348	58,038	-39.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,976	3,254	52.9%	0	0	0.0%	57,975	69,663	-16.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,570	5,111	-10.6%	0	0	0.0%	67,986	60,452	12.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,812	5,963	-2.5%	0	0	0.0%	56,017	59,321	-5.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,651	5,767	15.3%	0	0	0.0%	54,926	70,415	-22.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,704	3,037	120.7%	0	0	0.0%	21,573	23,274	-7.3%
EVENT CONTRACT EUR/USD	0	0	0.0%	2,137	3,332	-35.9%	0	0	0.0%	58,465	6,842	754.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	519	688	-24.6%	0	0	0.0%	6,918	5,977	15.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,149	451	154.8%	0	0	0.0%	10,273	11,163	-8.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	415	643	-35.5%	0	0	0.0%	5,681	3,826	48.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	2,411	483	399.2%	0	0	0.0%	9,475	6,192	53.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	993	3,321	-70.1%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	46,424	62,468	-25.7%	0	0	0.0%	657,196	832,860	-21.1%
GBP/USD THURSDAY WKLY O	0	-	-	106	-	-	0	-	-	2,643	-	-

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FX Options												
GBP/USD THURSDAY WKLY O	0	-	-	25	-	-	0	-	-	1,951	-	-
GBP/USD THURSDAY WKLY O	0	-	-	519	-	-	0	-	-	2,912	-	-
GBP/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	1,362	-	-
GBP/USD THURSDAY WKLY O	0	-	-	80	-	-	0	-	-	443	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	33	-	-	0	-	-	1,693	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	60	-	-	0	-	-	3,073	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	106	-	-	0	-	-	2,576	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	28	-	-	0	-	-	2,191	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	569	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,225	1,615	-24.1%	0	0	0.0%	7,921	9,122	-13.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,926	3,471	-44.5%	0	0	0.0%	30,953	25,874	19.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,304	6,609	-80.3%	0	0	0.0%	38,168	33,684	13.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,418	1,944	24.4%	0	0	0.0%	28,183	27,695	1.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	608	62	880.6%	0	0	0.0%	7,249	8,831	-17.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	409	661	-38.1%	0	0	0.0%	8,636	13,289	-35.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	107	509	-79.0%	0	0	0.0%	9,597	5,341	79.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	714	1,054	-32.3%	0	0	0.0%	12,297	10,933	12.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	630	803	-21.5%	0	0	0.0%	7,412	10,871	-31.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	73	650	-88.8%	0	0	0.0%	1,522	1,320	15.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,637	88	1,760.2%	0	0	0.0%	9,022	6,782	33.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,744	1,563	11.6%	0	0	0.0%	14,310	9,428	51.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,999	109	1,733.9%	0	0	0.0%	7,335	3,085	137.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	661	289	128.7%	0	0	0.0%	8,042	12,444	-35.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,752	967	391.4%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	182,504	74,881	143.7%	0	0	0.0%	1,139,099	1,367,549	-16.7%
JPY/USD THURSDAY WKLY OP	0	-	-	225	-	-	0	-	-	2,851	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	2	-	-	0	-	-	986	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	117	-	-	0	-	-	542	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	0	-	-	0	-	-	1,047	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	1,331	-	-	0	-	-	1,608	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	154	-	-	0	-	-	1,622	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	155	-	-	0	-	-	4,227	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	689	-	-	0	-	-	3,120	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	3	-	-	0	-	-	3,524	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	2,762	-	-

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FX Options												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	6,605	5,796	14.0%	0	0	0.0%	16,887	37,624	-55.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,213	6,686	22.8%	0	0	0.0%	77,415	86,274	-10.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,329	10,842	4.5%	0	0	0.0%	85,682	124,734	-31.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	6,049	3,501	72.8%	0	0	0.0%	90,802	112,335	-19.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	447	21	2,028.6%	0	0	0.0%	19,237	37,070	-48.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,544	1,728	47.2%	0	0	0.0%	37,467	42,323	-11.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,803	3,165	114.9%	0	0	0.0%	33,610	39,469	-14.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,836	2,992	28.2%	0	0	0.0%	33,859	35,010	-3.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,847	2,101	35.5%	0	0	0.0%	24,412	46,248	-47.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,523	3,561	-1.1%	0	0	0.0%	10,026	14,891	-32.7%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	563	954	-41.0%	0	0	0.0%	6,586	7,819	-15.8%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	5	-	-
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	17	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	100	-100.0%	0	0	0.0%	0	100	-100.0%
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%	15	4	275.0%	0	0	0.0%	710	684	3.8%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	2	-	-
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%
USD/CNH MONTHLY OPTIONS	0	-	-	70	-	-	0	-	-	141	-	-
USD/CNH WEEKLY FRIDAY OP	0	-	-	0	-	-	0	-	-	34	-	-
ZAR/USD MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	0	-	-

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	Open Outcry NOV 2023	Open Outcry NOV 2022	% CHG	ELEC NOV 2023	ELEC NOV 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	175	189	-7.4%	0	0	0.0%	4,876	2,798	74.3%
BUTTER CS	0	0	0.0%	3,820	3,733	2.3%	0	0	0.0%	40,199	43,973	-8.6%
CASH-SETTLED CHEESE	0	0	0.0%	14,377	9,198	56.3%	0	0	0.0%	143,662	103,013	39.5%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,524,215	1,200,984	26.9%	0	0	0.0%	15,202,888	13,221,236	15.0%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	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%	2,141	1,129	89.6%	0	0	0.0%	15,372	23,997	-35.9%
DRY WHEY	0	0	0.0%	1,096	669	63.8%	0	0	0.0%	11,777	9,667	21.8%
FEEDER CATTLE	0	0	0.0%	372,935	277,193	34.5%	0	0	0.0%	4,032,974	3,101,725	30.0%
GOLDMAN SACHS	0	0	0.0%	1,787	2,194	-18.6%	0	0	0.0%	19,591	30,544	-35.9%
GSCI EXCESS RETURN FUT	0	0	0.0%	58	0	0.0%	0	0	0.0%	81	91	-11.0%
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%	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%	50	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	25	0	0.0%	0	0	0.0%	25	0	0.0%
HOGS	0	0	0.0%	1,158,379	943,827	22.7%	0	0	0.0%	11,879,185	10,580,799	12.3%
HOUSING INDEX	0	0	0.0%	10	17	-41.2%	0	0	0.0%	188	173	8.7%
LUMBER	0	0	0.0%	21,341	8,308	156.9%	0	0	0.0%	170,116	97,456	74.6%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	34,860	25,536	36.5%	0	0	0.0%	359,015	304,740	17.8%
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%	4,130	4,838	-14.6%	0	0	0.0%	54,673	61,686	-11.4%
OTC SP GSCI ER SWAP	0	-	-	0	-	-	0	-	-	0	-	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	0	0.0%	266	1,489	-82.1%	0	0	0.0%	14,902	22,861	-34.8%
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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	Open Outcry NOV 2023	Open Outcry NOV 2022	% CHG	ELEC NOV 2023	ELEC NOV 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Ag Products Options												
BLOCK CHEESE	0	0	0.0%	1,360	0	0.0%	0	0	0.0%	6,054	2,515	140.7%
BUTTER CS	0	0	0.0%	872	2,185	-60.1%	0	0	0.0%	17,953	16,191	10.9%
CASH-SETTLED CHEESE	0	0	0.0%	5,433	4,646	16.9%	0	0	0.0%	70,567	67,370	4.7%
CATTLE	0	0	0.0%	534,767	204,546	161.4%	0	0	0.0%	3,737,529	2,331,010	60.3%
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%	11,101	8,096	37.1%	0	0	0.0%	78,630	81,994	-4.1%
DRY WHEY	0	0	0.0%	381	0	0.0%	0	0	0.0%	2,458	2,734	-10.1%
FEEDER CATTLE	0	0	0.0%	102,817	28,770	257.4%	0	0	0.0%	730,571	389,976	87.3%
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%	316,678	183,582	72.5%	0	0	0.0%	3,498,448	2,478,029	41.2%
LUMBER	0	0	0.0%	933	206	352.9%	0	0	0.0%	5,695	4,316	32.0%
LV CATL CSO	0	-	-	0	-	-	0	-	-	60	-	-
MILK	0	0	0.0%	25,172	32,763	-23.2%	0	0	0.0%	240,485	262,209	-8.3%
MLK MID OPTIONS	0	0	0.0%	3	1	200.0%	0	0	0.0%	25	46	-45.7%
NFD MILK	0	0	0.0%	4,821	2,579	86.9%	0	0	0.0%	51,116	38,247	33.6%
PACIFIC RIM DAT SS WTHR	0	-	-	0	-	-	0	-	-	0	-	-
PORK CUTOUT	0	0	0.0%	0	10	-100.0%	0	0	0.0%	111	45	146.7%
TOTAL FUTURES GROUP												
Interest Rate Futures	519,292	641,018	-19.0%	81,964,449	62,785,062	30.5%	7,056,989	9,131,234	-22.7%	789,844,662	766,470,852	3.0%
Equity Index Futures	0	0	0.0%	89,503,395	110,965,452	-19.3%	0	0	0.0%	1,141,685,460	1,393,409,900	-18.1%
FX Futures	0	0	0.0%	18,811,876	18,450,541	2.0%	0	0	0.0%	204,377,642	213,480,532	-4.3%
Ag Products Futures	0	0	0.0%	3,139,615	2,479,304	26.6%	0	0	0.0%	31,949,724	27,604,759	15.7%
TOTAL FUTURES	519,292	641,018	-19.0%	193,419,335	194,680,359	-0.6%	7,056,989	9,131,234	-22.7%	2,167,857,488	2,400,966,043	-9.7%

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TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	29,937,957	24,909,085	20.2%	0	0	0.0%	304,274,687	262,684,164	15.8%
Interest Rate Options	25,538,115	15,204,651	68.0%	11,264,368	12,459,176	-9.6%	253,215,720	177,610,864	42.6%	118,495,254	90,527,831	30.9%
FX Options	0	0	0.0%	820,457	811,205	1.1%	0	0	0.0%	8,068,319	8,687,038	-7.1%
Ag Products Options	0	0	0.0%	1,004,338	467,384	114.9%	0	0	0.0%	8,439,702	5,674,682	48.7%
TOTAL OPTIONS	25,538,115	15,204,651	68.0%	43,027,120	38,646,850	11.3%	253,215,720	177,610,864	42.6%	439,277,962	367,573,715	19.5%
TOTAL COMBINED												
Interest Rate	26,057,407	15,845,669	64.4%	93,228,817	75,244,238	23.9%	260,272,709	186,742,098	39.4%	908,339,916	856,998,683	6.0%
Equity Index	0	0	0.0%	119,441,352	135,874,537	-12.1%	0	0	0.0%	1,445,960,147	1,656,094,064	-12.7%
FX	0	0	0.0%	19,632,333	19,261,746	1.9%	0	0	0.0%	212,445,961	222,167,570	-4.4%
Ag Products	0	0	0.0%	4,143,953	2,946,688	40.6%	0	0	0.0%	40,389,426	33,279,441	21.4%
GRAND TOTAL	26,057,407	15,845,669	64.4%	236,446,455	233,327,209	1.3%	260,272,709	186,742,098	39.4%	2,607,135,450	2,768,539,758	-5.8%