

CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2023	Open Outcry OCT 2022	% CHG	ELEC OCT 2023	ELEC OCT 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	-	-	18,660	-	-	0	-	-	18,660	-	-
1-MONTH EURODOLLAR	0	0	0.0%	0	48	-100.0%	0	0	0.0%	6	337	-98.2%
BSBY 3-MONTH FUTURES	0	0	0.0%	233	25,525	-99.1%	0	0	0.0%	32,037	539,248	-94.1%
ESTR Basis Spread Futures	0	0	0.0%	1,159	41	2,726.8%	0	0	0.0%	13,767	41	33,478.0%
ESTR Futures	0	0	0.0%	259,960	11	2,363,172.7%	0	0	0.0%	1,056,833	11	9,607,472.7%
EURODOLLARS	0	632,652	-100.0%	0	17,085,381	-100.0%	258,492	7,464,581	-96.5%	27,895,109	356,446,490	-92.2%
FTIIE	0	0	0.0%	0	35	-100.0%	0	0	0.0%	1,774	916	93.7%
SOFR	411,048	231,401	77.6%	68,829,366	40,807,557	68.7%	6,279,205	1,025,635	512.2%	678,861,662	346,697,454	95.8%
SONIA	0	0	0.0%	108	0	0.0%	0	0	0.0%	365	1,293	-71.8%
Interest Rate Options												
EURODOLLARS	0	4,159,347	-100.0%	0	6,796,048	-100.0%	1,894,920	75,391,175	-97.5%	7,456,246	39,586,899	-81.2%
EURO MIDCURVE	0	723,808	-100.0%	0	377,028	-100.0%	396,228	40,973,885	-99.0%	201,525	21,262,186	-99.1%
SOFR	13,913,896	9,044,344	53.8%	8,693,730	3,415,804	154.5%	181,653,060	35,524,629	411.3%	81,374,157	13,173,744	517.7%
SOFR MIDCURVE	4,656,055	2,226,563	109.1%	2,605,943	1,023,941	154.5%	43,733,397	10,516,524	315.9%	18,198,258	4,045,826	349.8%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Equity Index Futures												
BITCOIN	0	0	0.0%	274,084	266,286	2.9%	0	0	0.0%	2,132,204	2,129,293	0.1%
E-mini FTSE China 50	0	0	0.0%	0	116	-100.0%	0	0	0.0%	44	7,122	-99.4%
E-MINI MIDCAP	0	0	0.0%	279,006	291,192	-4.2%	0	0	0.0%	2,749,319	3,325,621	-17.3%
E-MINI NASDAQ 100	0	0	0.0%	16,834,566	15,974,485	5.4%	0	0	0.0%	141,036,450	148,974,499	-5.3%
E-MINI RUSSELL 1000	0	0	0.0%	2,179	1,613	35.1%	0	0	0.0%	25,775	30,269	-14.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,427	2,729	-47.7%	0	0	0.0%	24,623	46,624	-47.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,179	2,337	-6.8%	0	0	0.0%	46,306	78,757	-41.2%
E-MINI RUSSELL 2000	0	0	0.0%	5,106,169	5,141,662	-0.7%	0	0	0.0%	45,568,794	50,599,453	-9.9%
E-MINI S&P500	0	0	0.0%	43,705,074	47,784,324	-8.5%	0	0	0.0%	379,123,429	421,493,030	-10.1%
E-MINI S&P500 ESG	0	0	0.0%	16,281	26,163	-37.8%	0	0	0.0%	187,942	260,397	-27.8%
ETHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7	-100.0%
ETHER FUTURES	0	0	0.0%	119,750	131,553	-9.0%	0	0	0.0%	1,011,150	1,321,417	-23.5%
FT-SE 100	0	0	0.0%	90	145	-37.9%	0	0	0.0%	841	1,524	-44.8%

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Equity Index Futures												
FTSE Emerging	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IBOVESPA INDEX	0	0	0.0%	29	52	-44.2%	0	0	0.0%	327	581	-43.7%
MICRO BITCOIN	0	0	0.0%	253,607	218,951	15.8%	0	0	0.0%	2,029,147	3,220,940	-37.0%
MICRO E-MINI NASDAQ 100	0	0	0.0%	31,254,193	31,704,461	-1.4%	0	0	0.0%	232,872,867	315,858,218	-26.3%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,724,173	2,931,274	-41.2%	0	0	0.0%	16,032,820	28,854,544	-44.4%
MICRO E-MINI S&P500	0	0	0.0%	25,500,127	33,300,874	-23.4%	0	0	0.0%	217,747,972	290,713,102	-25.1%
MICRO ETHER	0	0	0.0%	228,921	329,615	-30.5%	0	0	0.0%	1,783,990	4,251,026	-58.0%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	70	-100.0%	0	0	0.0%	3,203	18,519	-82.7%
NASDAQ BIOTECH SECTOR	0	0	0.0%	5	202	-97.5%	0	0	0.0%	1,194	2,160	-44.7%
Nearby BTIC+	0	0	0.0%	0	750	-100.0%	0	0	0.0%	0	5,200	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	185,314	100,356	84.7%	0	0	0.0%	1,426,287	1,173,271	21.6%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	848,669	759,153	11.8%	0	0	0.0%	6,490,532	7,913,855	-18.0%
PHLX SEMICONDUCTOR SECT	0	0	0.0%	25	829	-97.0%	0	0	0.0%	2,168	1,463	48.2%
S&P 500	0	0	0.0%	2,284	4,003	-42.9%	0	0	0.0%	26,067	5,846	345.9%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	47,168	30,538	54.5%	0	0	0.0%	358,018	287,156	24.7%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	5,296	2,889	83.3%	0	0	0.0%	93,433	18,228	412.6%
S&P 600 SMALLCAP EMINI	0	-	-	129	-	-	0	-	-	505	-	-
S&P BIOTECHNOLOGY SECTO	0	0	0.0%	718	934	-23.1%	0	0	0.0%	5,606	8,141	-31.1%
S&P COMMUNICATION SERVIC	0	0	0.0%	2,560	3,037	-15.7%	0	0	0.0%	37,733	34,593	9.1%
S&P CONSUMER DISCRETION	0	0	0.0%	5,558	6,711	-17.2%	0	0	0.0%	55,167	71,958	-23.3%
S&P CONSUMER STAPLES SE	0	0	0.0%	10,643	13,696	-22.3%	0	0	0.0%	172,786	173,599	-0.5%
S&P ENERGY SECTOR	0	0	0.0%	20,696	30,772	-32.7%	0	0	0.0%	242,244	456,266	-46.9%
S&P FINANCIAL SECTOR	0	0	0.0%	10,377	15,009	-30.9%	0	0	0.0%	211,572	242,746	-12.8%
S&P HEALTH CARE SECTOR	0	0	0.0%	7,634	9,387	-18.7%	0	0	0.0%	127,114	182,317	-30.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	7,493	10,630	-29.5%	0	0	0.0%	112,299	133,432	-15.8%
S&P MATERIALS SECTOR	0	0	0.0%	4,514	7,209	-37.4%	0	0	0.0%	79,239	85,266	-7.1%
S&P OIL & GAS EXPLORATION	0	0	0.0%	183	494	-63.0%	0	0	0.0%	1,776	4,319	-58.9%
S&P REAL ESTATE SECTOR	0	0	0.0%	2,834	3,272	-13.4%	0	0	0.0%	60,635	42,553	42.5%
S&P REGIONAL BANKS SECTO	0	0	0.0%	456	472	-3.4%	0	0	0.0%	7,649	2,039	275.1%
S&P RETAIL SECTOR	0	0	0.0%	174	180	-3.3%	0	0	0.0%	2,203	2,839	-22.4%
S&P TECHNOLOGY SECTOR	0	0	0.0%	6,162	25,028	-75.4%	0	0	0.0%	107,967	213,864	-49.5%
S&P UTILITIES SECTOR	0	0	0.0%	17,612	14,092	25.0%	0	0	0.0%	178,794	177,997	0.4%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	60	-	-	0	-	-	826	-	-
TOPIX (YEN)	0	0	0.0%	661	39	1,594.9%	0	0	0.0%	2,899	19,805	-85.4%

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Equity Index Futures												
WATER INDEX FUTURES	0	0	0.0%	21	0	0.0%	0	0	0.0%	149	592	-74.8%
Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	3,645	1,760	107.1%	0	0	0.0%	27,590	14,669	88.1%
E-MINI NASDAQ 100	0	0	0.0%	1,695,394	1,059,100	60.1%	0	0	0.0%	13,858,653	10,071,589	37.6%
E-MINI RUSSELL 2000	0	0	0.0%	159,519	125,909	26.7%	0	0	0.0%	1,384,479	1,357,267	2.0%
E-MINI S&P500	0	0	0.0%	37,407,989	27,409,553	36.5%	0	0	0.0%	255,575,268	223,136,795	14.5%
EOM S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	0	0.0%	3,942	296	1,231.8%	0	0	0.0%	15,178	394	3,752.3%
EVENT CONTRACT S&P 500	0	-	-	11,674	-	-	0	-	-	65,815	-	-
MICRO BITCOIN	0	0	0.0%	17,078	7,057	142.0%	0	0	0.0%	112,246	71,017	58.1%
MICRO E-MINI NASDAQ 100	0	0	0.0%	70,643	47,091	50.0%	0	0	0.0%	573,935	545,862	5.1%
Micro E-mini S&P 500	0	0	0.0%	399,532	221,386	80.5%	0	0	0.0%	2,523,379	2,335,297	8.1%
MICRO ETHER	0	0	0.0%	43,416	39,574	9.7%	0	0	0.0%	200,187	242,189	-17.3%
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	53	-100.0%	0	0	0.0%	170	519	-67.2%
AD/JY CROSS RATES	0	0	0.0%	1,747	3,643	-52.0%	0	0	0.0%	15,000	45,501	-67.0%
AD/NE CROSS RATES	0	0	0.0%	5,194	9,238	-43.8%	0	0	0.0%	33,911	38,932	-12.9%
AUSTRALIAN DOLLAR	0	0	0.0%	2,372,149	2,169,565	9.3%	0	0	0.0%	20,738,150	21,182,356	-2.1%
BP/JY CROSS RATES	0	0	0.0%	2,418	5,154	-53.1%	0	0	0.0%	21,551	45,838	-53.0%
BP/SF CROSS RATES	0	0	0.0%	3,330	3,161	5.3%	0	0	0.0%	21,472	21,883	-1.9%
BRAZIL REAL	0	0	0.0%	389,014	314,064	23.9%	0	0	0.0%	2,811,178	2,807,923	0.1%
BRITISH POUND	0	0	0.0%	2,166,033	3,078,112	-29.6%	0	0	0.0%	21,952,186	25,982,214	-15.5%
CANADIAN DOLLAR	0	0	0.0%	1,936,575	2,038,426	-5.0%	0	0	0.0%	17,574,059	19,026,305	-7.6%
CD/JY CROSS RATES	0	0	0.0%	45	71	-36.6%	0	0	0.0%	578	358	61.5%
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%	51,417	45,898	12.0%	0	0	0.0%	313,835	299,033	4.9%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	19	-68.4%
CZECK KORUNA (US)	0	0	0.0%	7	2	250.0%	0	0	0.0%	42	28	50.0%

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FX Futures												
EC/AD CROSS RATES	0	0	0.0%	2,939	3,180	-7.6%	0	0	0.0%	53,018	57,201	-7.3%
EC/CD CROSS RATES	0	0	0.0%	1,805	4,679	-61.4%	0	0	0.0%	59,181	80,593	-26.6%
EC/NOK CROSS RATES	0	0	0.0%	1,115	421	164.8%	0	0	0.0%	11,107	18,709	-40.6%
EC/SEK CROSS RATES	0	0	0.0%	6,340	871	627.9%	0	0	0.0%	25,015	23,232	7.7%
EFX/BP CROSS RATES	0	0	0.0%	87,298	80,325	8.7%	0	0	0.0%	700,880	965,420	-27.4%
EFX/JY CROSS RATES	0	0	0.0%	47,115	30,495	54.5%	0	0	0.0%	497,852	551,698	-9.8%
EFX/SF CROSS RATES	0	0	0.0%	20,801	25,872	-19.6%	0	0	0.0%	229,177	400,583	-42.8%
E-MICRO USD/CAD	0	0	0.0%	16	20	-20.0%	0	0	0.0%	1,085	1,838	-41.0%
E-MICRO USD/CHF	0	0	0.0%	70	32	118.8%	0	0	0.0%	1,389	739	88.0%
E-MICRO USD/JPY	0	0	0.0%	756	837	-9.7%	0	0	0.0%	34,585	151,161	-77.1%
E-MINI EURO FX	0	0	0.0%	100,319	161,440	-37.9%	0	0	0.0%	1,193,278	1,521,352	-21.6%
E-MINI JAPANESE YEN	0	0	0.0%	11,427	16,060	-28.8%	0	0	0.0%	121,181	121,696	-0.4%
EURO FX	0	0	0.0%	4,645,216	4,623,869	0.5%	0	0	0.0%	47,361,115	50,147,491	-5.6%
HUNGARIAN FORINT (EC)	0	0	0.0%	4	1	300.0%	0	0	0.0%	41	3	1,266.7%
HUNGARIAN FORINT (US)	0	0	0.0%	0	0	0.0%	0	0	0.0%	86	42	104.8%
INDIAN RUPEE	0	0	0.0%	13,294	39,230	-66.1%	0	0	0.0%	251,643	266,681	-5.6%
JAPANESE YEN	0	0	0.0%	3,662,698	3,648,629	0.4%	0	0	0.0%	35,885,847	32,759,084	9.5%
KOREAN WON	0	0	0.0%	324	492	-34.1%	0	0	0.0%	4,081	3,375	20.9%
MEXICAN PESO	0	0	0.0%	1,775,711	1,373,837	29.3%	0	0	0.0%	13,361,049	12,228,759	9.3%
MICRO AUD/USD	0	0	0.0%	319,612	289,867	10.3%	0	0	0.0%	2,758,686	2,644,276	4.3%
MICRO CAD/USD	0	0	0.0%	51,643	85,931	-39.9%	0	0	0.0%	517,834	613,635	-15.6%
MICRO CHF/USD	0	0	0.0%	14,895	16,673	-10.7%	0	0	0.0%	155,909	174,102	-10.4%
MICRO EUR/USD	0	0	0.0%	569,347	923,965	-38.4%	0	0	0.0%	6,122,820	7,922,863	-22.7%
MICRO GBP/USD	0	0	0.0%	69,986	234,107	-70.1%	0	0	0.0%	687,342	1,252,857	-45.1%
MICRO INR/USD	0	0	0.0%	270	621	-56.5%	0	0	0.0%	4,092	7,043	-41.9%
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%	710,127	737,969	-3.8%	0	0	0.0%	6,583,371	6,505,484	1.2%
NKR/USD CROSS RATE	0	0	0.0%	1,733	1,546	12.1%	0	0	0.0%	31,276	28,523	9.7%
POLISH ZLOTY (EC)	0	0	0.0%	12	2	500.0%	0	0	0.0%	549	1,213	-54.7%
POLISH ZLOTY (US)	0	0	0.0%	1,190	1,300	-8.5%	0	0	0.0%	11,579	13,523	-14.4%
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%	85,043	78,941	7.7%	0	0	0.0%	802,618	906,652	-11.5%
SF/JY CROSS RATES	0	0	0.0%	643	447	43.8%	0	0	0.0%	5,569	5,596	-0.5%

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FX Futures												
SHEKEL	0	0	0.0%	140	1	13,900.0%	0	0	0.0%	1,343	147	813.6%
SKR/USD CROSS RATES	0	0	0.0%	3,621	4,185	-13.5%	0	0	0.0%	45,872	62,996	-27.2%
SWISS FRANC	0	0	0.0%	496,983	456,997	8.7%	0	0	0.0%	4,562,888	5,461,918	-16.5%
TURKISH LIRA	0	0	0.0%	0	24	-100.0%	0	0	0.0%	20	26	-23.1%
USDZAR	0	0	0.0%	85	0	0.0%	0	0	0.0%	200	31	545.2%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	96	5	1,820.0%	0	0	0.0%	1,875	1,759	6.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	216	18	1,100.0%	0	0	0.0%	3,886	3,261	19.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	51	134	-61.9%	0	0	0.0%	2,039	2,420	-15.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	502	91	451.6%	0	0	0.0%	3,176	3,234	-1.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	240	145	65.5%	0	0	0.0%	730	1,363	-46.4%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	50,813	52,855	-3.9%	0	0	0.0%	577,185	682,282	-15.4%
AUD/USD THURSDAY WKLY O	0	-	-	33	-	-	0	-	-	1,098	-	-
AUD/USD THURSDAY WKLY O	0	-	-	78	-	-	0	-	-	870	-	-
AUD/USD THURSDAY WKLY O	0	-	-	46	-	-	0	-	-	1,268	-	-
AUD/USD THURSDAY WKLY O	0	-	-	50	-	-	0	-	-	1,617	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	498	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	81	-	-	0	-	-	1,872	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	48	-	-	0	-	-	1,850	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	85	-	-	0	-	-	1,289	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	61	-	-	0	-	-	1,291	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	201	-	-	0	-	-	483	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	27	0	0.0%	0	0	0.0%	4,332	4,572	-5.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	822	2,122	-61.3%	0	0	0.0%	12,599	14,998	-16.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	951	1,072	-11.3%	0	0	0.0%	13,771	19,410	-29.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	928	2,541	-63.5%	0	0	0.0%	15,127	16,112	-6.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,278	5,196	-36.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	66	432	-84.7%	0	0	0.0%	4,402	6,061	-27.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	336	477	-29.6%	0	0	0.0%	2,878	4,671	-38.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	214	186	15.1%	0	0	0.0%	3,078	5,504	-44.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	126	127	-0.8%	0	0	0.0%	2,365	4,735	-50.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,279	578	121.3%

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FX Options												
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	22	-100.0%	0	0	0.0%	345	3,043	-88.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	58	685	-91.5%	0	0	0.0%	7,064	2,518	180.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	344	216	59.3%	0	0	0.0%	9,538	10,712	-11.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	688	424	62.3%	0	0	0.0%	7,163	10,046	-28.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,902	11	17,190.9%	0	0	0.0%	10,029	7,017	42.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	96	1,240	-92.3%	0	0	0.0%	434	2,775	-84.4%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	33,814	61,022	-44.6%	0	0	0.0%	476,407	600,246	-20.6%
CAD/USD THURSDAY WKLY O	0	-	-	1,513	-	-	0	-	-	4,001	-	-
CAD/USD THURSDAY WKLY O	0	-	-	190	-	-	0	-	-	3,054	-	-
CAD/USD THURSDAY WKLY O	0	-	-	1,398	-	-	0	-	-	4,250	-	-
CAD/USD THURSDAY WKLY O	0	-	-	103	-	-	0	-	-	4,954	-	-
CAD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	2,323	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	1,592	-	-	0	-	-	4,680	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	2,211	-	-	0	-	-	7,776	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	2,294	-	-	0	-	-	5,558	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	1,055	-	-	0	-	-	4,041	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	323	-	-	0	-	-	1,240	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	174	0	0.0%	0	0	0.0%	11,260	12,919	-12.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,068	4,220	-27.3%	0	0	0.0%	20,379	33,482	-39.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,510	2,991	17.4%	0	0	0.0%	23,970	52,797	-54.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,104	3,664	-42.6%	0	0	0.0%	29,082	45,783	-36.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	10,973	12,620	-13.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,454	992	147.4%	0	0	0.0%	13,896	10,164	36.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	811	804	0.9%	0	0	0.0%	10,568	12,025	-12.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	980	1,062	-7.7%	0	0	0.0%	10,377	14,567	-28.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,347	1,681	39.6%	0	0	0.0%	12,941	15,814	-18.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,566	4,474	-20.3%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	5,421	3,267	65.9%	0	0	0.0%	37,192	42,809	-13.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,103	989	112.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	116	30	286.7%	0	0	0.0%	5,658	901	528.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	794	46	1,626.1%	0	0	0.0%	7,713	1,047	636.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	262	30	773.3%	0	0	0.0%	16,023	1,237	1,195.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,534	117	2,920.5%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	204	-100.0%
EUR/GBP WKLY FRIDAY OPTIC	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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FX Options												
EUR/USD MONDAY OPTION W	0	0	0.0%	478	2,851	-83.2%	0	0	0.0%	15,492	19,254	-19.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,153	2,552	23.6%	0	0	0.0%	18,550	24,957	-25.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,034	763	297.6%	0	0	0.0%	15,789	10,423	51.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,564	1,471	74.3%	0	0	0.0%	17,683	26,308	-32.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,177	766	53.7%	0	0	0.0%	3,238	5,022	-35.5%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	267,397	297,060	-10.0%	0	0	0.0%	2,429,931	2,481,538	-2.1%
EUR/USD THURSDAY WKLY O	0	-	-	806	-	-	0	-	-	7,730	-	-
EUR/USD THURSDAY WKLY O	0	-	-	867	-	-	0	-	-	7,267	-	-
EUR/USD THURSDAY WKLY O	0	-	-	197	-	-	0	-	-	5,559	-	-
EUR/USD THURSDAY WKLY O	0	-	-	1,354	-	-	0	-	-	9,514	-	-
EUR/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	380	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	100	-	-	0	-	-	3,983	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	673	-	-	0	-	-	6,310	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	387	-	-	0	-	-	6,467	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,463	-	-	0	-	-	5,765	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,420	-	-	0	-	-	3,008	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	119	3	3,866.7%	0	0	0.0%	29,309	50,404	-41.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	26,872	15,239	76.3%	0	0	0.0%	180,873	135,167	33.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	29,291	13,917	110.5%	0	0	0.0%	253,899	158,497	60.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	28,001	13,705	104.3%	0	0	0.0%	271,620	173,609	56.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	34,918	58,029	-39.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	10,323	9,153	12.8%	0	0	0.0%	52,999	66,409	-20.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,112	7,267	11.6%	0	0	0.0%	63,416	55,341	14.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,515	5,698	31.9%	0	0	0.0%	50,205	53,358	-5.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,584	8,678	-24.1%	0	0	0.0%	48,275	64,648	-25.3%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	14,869	20,237	-26.5%
EVENT CONTRACT EUR/USD	0	0	0.0%	4,702	1,820	158.4%	0	0	0.0%	56,328	3,510	1,504.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	205	381	-46.2%	0	0	0.0%	6,399	5,289	21.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	165	509	-67.6%	0	0	0.0%	9,124	10,712	-14.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,593	273	483.5%	0	0	0.0%	5,266	3,183	65.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	157	829	-81.1%	0	0	0.0%	7,064	5,709	23.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	402	1,841	-78.2%	0	0	0.0%	993	3,321	-70.1%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	56,755	87,716	-35.3%	0	0	0.0%	610,772	770,392	-20.7%
GBP/USD THURSDAY WKLY O	0	-	-	284	-	-	0	-	-	2,537	-	-
GBP/USD THURSDAY WKLY O	0	-	-	206	-	-	0	-	-	1,926	-	-

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FX Options												
GBP/USD THURSDAY WKLY O	0	-	-	83	-	-	0	-	-	2,393	-	-
GBP/USD THURSDAY WKLY O	0	-	-	36	-	-	0	-	-	1,362	-	-
GBP/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	363	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	156	-	-	0	-	-	1,660	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	96	-	-	0	-	-	3,013	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	577	-	-	0	-	-	2,470	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	483	-	-	0	-	-	2,163	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	121	-	-	0	-	-	569	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	68	0	0.0%	0	0	0.0%	6,696	7,507	-10.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,775	4,004	-5.7%	0	0	0.0%	29,027	22,403	29.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,782	3,166	-12.1%	0	0	0.0%	36,864	27,075	36.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,823	2,078	84.0%	0	0	0.0%	25,765	25,751	0.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,641	8,769	-24.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	934	1,398	-33.2%	0	0	0.0%	8,227	12,628	-34.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	504	539	-6.5%	0	0	0.0%	9,490	4,832	96.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	448	1,069	-58.1%	0	0	0.0%	11,583	9,879	17.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	408	1,586	-74.3%	0	0	0.0%	6,782	10,068	-32.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,449	670	116.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,874	153	1,124.8%	0	0	0.0%	7,385	6,694	10.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	622	438	42.0%	0	0	0.0%	12,566	7,865	59.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	898	156	475.6%	0	0	0.0%	5,336	2,976	79.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	120	2,772	-95.7%	0	0	0.0%	7,381	12,155	-39.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	2,575	720	257.6%	0	0	0.0%	4,752	967	391.4%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	119,959	131,230	-8.6%	0	0	0.0%	956,595	1,292,668	-26.0%
JPY/USD THURSDAY WKLY OP	0	-	-	421	-	-	0	-	-	2,626	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	238	-	-	0	-	-	984	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	145	-	-	0	-	-	425	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	305	-	-	0	-	-	1,047	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	0	-	-	0	-	-	277	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	9	-	-	0	-	-	1,468	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	135	-	-	0	-	-	4,072	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	12	-	-	0	-	-	2,431	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	68	-	-	0	-	-	3,521	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	2,622	-	-	0	-	-	2,762	-	-
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	14	0	0.0%	0	0	0.0%	10,282	31,828	-67.7%

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FX Options												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	14,768	10,268	43.8%	0	0	0.0%	69,202	79,588	-13.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,941	14,754	-19.1%	0	0	0.0%	74,353	113,892	-34.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	19,109	12,355	54.7%	0	0	0.0%	84,753	108,834	-22.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	18,790	37,049	-49.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	7,618	9,752	-21.9%	0	0	0.0%	34,923	40,595	-14.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,224	5,857	-45.0%	0	0	0.0%	26,807	36,304	-26.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,360	3,569	-33.9%	0	0	0.0%	30,023	32,018	-6.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,980	4,853	-59.2%	0	0	0.0%	21,565	44,147	-51.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,503	11,330	-42.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	1,815	353	414.2%	0	0	0.0%	6,023	6,865	-12.3%
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	0	0.0%	0	0	0.0%	0	0	0.0%
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%	7	10	-30.0%	0	0	0.0%	695	680	2.2%
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	-	-	20	-	-	0	-	-	71	-	-
USD/CNH WEEKLY FRIDAY OP	0	-	-	0	-	-	0	-	-	34	-	-
ZAR/USD MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	0	-	-



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	Open Outcry OCT 2023	Open Outcry OCT 2022	% CHG	ELEC OCT 2023	ELEC OCT 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%	217	326	-33.4%	0	0	0.0%	4,701	2,609	80.2%
BUTTER CS	0	0	0.0%	4,032	3,800	6.1%	0	0	0.0%	36,379	40,240	-9.6%
CASH-SETTLED CHEESE	0	0	0.0%	12,674	9,136	38.7%	0	0	0.0%	129,285	93,815	37.8%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,418,937	1,050,244	35.1%	0	0	0.0%	13,678,673	12,020,252	13.8%
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%	1,183	1,220	-3.0%	0	0	0.0%	13,231	22,868	-42.1%
DRY WHEY	0	0	0.0%	1,041	497	109.5%	0	0	0.0%	10,681	8,998	18.7%
FEEDER CATTLE	0	0	0.0%	407,770	307,268	32.7%	0	0	0.0%	3,660,039	2,824,532	29.6%
GOLDMAN SACHS	0	0	0.0%	1,930	2,376	-18.8%	0	0	0.0%	17,804	28,350	-37.2%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	23	91	-74.7%
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%	50	0	0.0%	0	0	0.0%	50	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%	909,416	898,019	1.3%	0	0	0.0%	10,720,806	9,636,972	11.2%
HOUSING INDEX	0	0	0.0%	33	15	120.0%	0	0	0.0%	178	156	14.1%
LUMBER	0	0	0.0%	19,304	12,519	54.2%	0	0	0.0%	148,775	89,148	66.9%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	38,321	21,533	78.0%	0	0	0.0%	324,155	279,204	16.1%
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%	5,277	5,963	-11.5%	0	0	0.0%	50,543	56,848	-11.1%
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%	1,009	1,607	-37.2%	0	0	0.0%	14,636	21,372	-31.5%
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 OCT 2023	Open Outcry OCT 2022	% CHG	ELEC OCT 2023	ELEC OCT 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%	908	6	15,033.3%	0	0	0.0%	4,694	2,515	86.6%
BUTTER CS	0	0	0.0%	1,279	1,913	-33.1%	0	0	0.0%	17,081	14,006	22.0%
CASH-SETTLED CHEESE	0	0	0.0%	4,711	6,163	-23.6%	0	0	0.0%	65,134	62,724	3.8%
CATTLE	0	0	0.0%	460,331	192,076	139.7%	0	0	0.0%	3,202,762	2,126,464	50.6%
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%	8,638	6,046	42.9%	0	0	0.0%	67,529	73,898	-8.6%
DRY WHEY	0	0	0.0%	532	5	10,540.0%	0	0	0.0%	2,077	2,734	-24.0%
FEEDER CATTLE	0	0	0.0%	88,923	38,506	130.9%	0	0	0.0%	627,754	361,206	73.8%
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	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%	410,590	226,860	81.0%	0	0	0.0%	3,181,770	2,294,447	38.7%
LUMBER	0	0	0.0%	1,152	380	203.2%	0	0	0.0%	4,762	4,110	15.9%
LV CATL CSO	0	-	-	0	-	-	0	-	-	60	-	-
MILK	0	0	0.0%	25,946	23,493	10.4%	0	0	0.0%	215,313	229,446	-6.2%
MLK MID OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	22	45	-51.1%
NFD MILK	0	0	0.0%	7,514	4,667	61.0%	0	0	0.0%	46,295	35,668	29.8%
PACIFIC RIM DAT SS WTHR	0	-	-	0	-	-	0	-	-	0	-	-
PORK CUTOUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	111	35	217.1%
TOTAL FUTURES GROUP												
Interest Rate Futures	411,048	864,053	-52.4%	69,109,486	57,918,598	19.3%	6,537,697	8,490,216	-23.0%	707,880,213	703,685,790	0.6%
Equity Index Futures	0	0	0.0%	126,489,101	139,147,584	-9.1%	0	0	0.0%	1,052,182,065	1,282,444,448	-18.0%
FX Futures	0	0	0.0%	19,630,507	20,510,253	-4.3%	0	0	0.0%	185,565,766	195,029,991	-4.9%
Ag Products Futures	0	0	0.0%	2,821,194	2,314,523	21.9%	0	0	0.0%	28,810,109	25,125,455	14.7%
TOTAL FUTURES	411,048	864,053	-52.4%	218,050,288	219,890,958	-0.8%	6,537,697	8,490,216	-23.0%	1,974,438,153	2,206,285,684	-10.5%

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TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	39,812,832	28,911,726	37.7%	0	0	0.0%	274,336,730	237,775,079	15.4%
Interest Rate Options	18,569,951	16,154,062	15.0%	11,299,673	11,612,821	-2.7%	227,677,605	162,406,213	40.2%	107,230,886	78,068,655	37.4%
FX Options	0	0	0.0%	799,202	826,184	-3.3%	0	0	0.0%	7,247,862	7,875,833	-8.0%
Ag Products Options	0	0	0.0%	1,010,524	500,115	102.1%	0	0	0.0%	7,435,364	5,207,298	42.8%
TOTAL OPTIONS	18,569,951	16,154,062	15.0%	52,922,231	41,850,846	26.5%	227,677,605	162,406,213	40.2%	396,250,842	328,926,865	20.5%
TOTAL COMBINED												
Interest Rate	18,980,999	17,018,115	11.5%	80,409,159	69,531,419	15.6%	234,215,302	170,896,429	37.1%	815,111,099	781,754,445	4.3%
Equity Index	0	0	0.0%	166,301,933	168,059,310	-1.0%	0	0	0.0%	1,326,518,795	1,520,219,527	-12.7%
FX	0	0	0.0%	20,429,709	21,336,437	-4.2%	0	0	0.0%	192,813,628	202,905,824	-5.0%
Ag Products	0	0	0.0%	3,831,718	2,814,638	36.1%	0	0	0.0%	36,245,473	30,332,753	19.5%
GRAND TOTAL	18,980,999	17,018,115	11.5%	270,972,519	261,741,804	3.5%	234,215,302	170,896,429	37.1%	2,370,688,995	2,535,212,549	-6.5%

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