

CME Exchange ADV Report - Monthly

March 2023

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	ADV MAR 2023	ADV MAR 2022	% CHG	ADV FEB 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	1,479.22	-100.0%	0.32	-100.0%	0	942	-100.0%
BSBY 3-MONTH FUTURES	397	2,714.91	-85.4%	399.68	-0.6%	322	4,793	-93.3%
ESTR Basis Spread Futures	63	0	-	82.53	-23.2%	74	0	-
ESTR Futures	1,379	0	-	2,326.63	-40.7%	1,651	0	-
EURODOLLARS	436,758	2,579,331.87	-83.1%	403,806.79	8.2%	423,296	2,727,719	-84.5%
FTIIE	15	4.91	195.6%	14.37	1.1%	12	7	72.5%
SOFR	5,158,969	1,600,101.7	222.4%	3,766,067.05	37.0%	3,907,864	1,199,590	225.8%
SONIA	3	1.91	72.7%	62.74	-94.7%	21	17	26.7%
Interest Rate Options								
EURODOLLARS	92,179	845,652.26	-89.1%	160,946.37	-42.7%	127,482	892,370	-85.7%
EURO MIDCURVE	3,269	624,587.78	-99.5%	11,220.79	-70.9%	9,110	596,670	-98.5%
SOFR	2,517,030	23,820.91	10466.5%	1,874,920.47	34.2%	1,991,379	22,925	8586.5%
SOFR MIDCURVE	426,392	24,428.13	1645.5%	547,971.63	-22.2%	437,292	16,070	2621.2%
SOFR MISCURVE	0	0	-	0	-	11	0	-

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Equity Index Futures								
BITCOIN	12,024	7,962.22	51.0%	11,176.89	7.6%	11,084	8,806	25.9%
E-mini FTSE China 50	0	82.17	-100.0%	0	-	1	55	-98.7%
E-MINI MIDCAP	21,056	21,038.83	0.1%	11,343.53	85.6%	14,947	18,460	-19.0%
E-MINI NASDAQ 100	781,411	660,797	18.3%	644,604.26	21.2%	686,505	733,796	-6.4%
E-MINI RUSSELL 1000	907	1,233.3	-26.4%	43.26	1997.5%	566	552	2.6%
E-MINI RUSSELL 1000 GROWTH	634	830.09	-23.6%	169.53	274.1%	317	582	-45.5%
E-MINI RUSSELL 1000 VALUE	1,444	2,796.87	-48.4%	420.79	243.3%	785	1,386	-43.4%
E-MINI RUSSELL 2000	313,098	262,928.26	19.1%	199,502.42	56.9%	238,131	266,524	-10.7%
E-MINI S&P500	2,420,787	1,883,296.22	28.5%	1,925,966.32	25.7%	2,037,881	1,962,867	3.8%
E-MINI S&P500 ESG	2,162	2,411.48	-10.3%	646.42	234.5%	1,236	2,199	-43.8%
ETHER	0	0	-	0	-	0	0	-
ETHER FUTURES	5,832	3,999.13	45.8%	6,522.53	-10.6%	5,909	5,175	14.2%
FT-SE 100	0	29.26	-100.0%	7.63	-100.0%	2	14	-83.7%
IBOVESPA INDEX	1	1.7	-69.2%	4.26	-87.8%	2	2	-14.9%
MICRO BITCOIN	11,797	17,141.78	-31.2%	10,635.74	10.9%	9,952	19,800	-49.7%
MICRO E-MINI NASDAQ 100	1,176,357	1,357,364.3	-13.3%	1,133,650.95	3.8%	1,155,849	1,603,701	-27.9%
MICRO E-MINI RUSSELL 2000	98,428	122,311.43	-19.5%	79,296.68	24.1%	88,227	176,777	-50.1%
MICRO E-MINI S&P500	1,321,088	1,259,507.26	4.9%	1,222,847.53	8.0%	1,290,109	1,366,489	-5.6%
MICRO ETHER	8,653	16,231.17	-46.7%	10,966.37	-21.1%	9,993	19,078	-47.6%
NASDAQ-100 VOLATILITY	1	90.83	-99.1%	26.21	-97.0%	51	196	-73.7%
NASDAQ BIOTECH SECTOR	10	9.26	4.7%	19.42	-50.1%	13	7	92.7%
Nearby BTIC+	0	15.22	-100.0%	0	-	0	12	-100.0%
NIKKEI 225 (\$) STOCK	6,203	6,574	-5.6%	3,868.37	60.3%	5,002	6,864	-27.1%
NIKKEI 225 (YEN) STOCK	33,808	47,867.96	-29.4%	24,352.63	38.8%	29,021	45,356	-36.0%
PHLX SEMICONDUCTOR SECTO	24	0	-	11.37	108.8%	15	0	-
S&P 500	7,592	6,678.65	13.7%	5,586.21	35.9%	5,703	4,948	15.3%
S&P 500 ANNUAL DIVIDEND IND	5,262	5,837.13	-9.9%	2,974.16	76.9%	3,957	4,802	-17.6%
S&P 500 QUARLY DIVIDEND IND	1,184	279.39	323.8%	867.37	36.5%	936	260	260.1%
S&P BIOTECHNOLOGY SECTOR	92	0	-	21.95	317.4%	46	0	-
S&P COMMUNICATION SERVICE	378	299.43	26.2%	165.95	127.7%	216	187	15.9%
S&P CONSUMER DISCRETIONAR	820	949.57	-13.7%	322.37	154.3%	482	686	-29.6%
S&P CONSUMER STAPLES SECT	2,266	1,747.83	29.6%	1,242.37	82.4%	1,688	1,306	29.2%
S&P ENERGY SECTOR	4,266	6,602.87	-35.4%	1,224.79	248.3%	2,314	3,750	-38.3%
S&P FINANCIAL SECTOR	6,457	4,256.91	51.7%	1,250.95	416.2%	2,993	2,362	26.7%
S&P HEALTH CARE SECTOR	2,825	2,501.17	12.9%	813.53	247.3%	1,430	1,434	-0.3%
S&P INDUSTRIAL SECTOR	2,649	2,086.48	27.0%	550.68	381.1%	1,449	1,518	-4.5%
S&P MATERIALS SECTOR	1,018	1,073.57	-5.2%	452	125.3%	600	925	-35.2%
S&P OIL & GAS EXPLORATION A	24	0	-	5.58	338.0%	13	0	-
S&P REAL ESTATE SECTOR	893	785.17	13.8%	589.11	51.6%	683	494	38.1%
S&P REGIONAL BANKS SECTOR	84	0	-	9.21	807.3%	37	0	-
S&P RETAIL SECTOR	13	0	-	48.74	-72.3%	22	0	-
S&P TECHNOLOGY SECTOR	1,987	1,715.7	15.8%	556.37	257.1%	1,075	1,549	-30.6%
S&P UTILITIES SECTOR	4,663	3,092.87	50.8%	1,682.16	177.2%	2,621	1,967	33.2%
TOPIX (USD)	6	0	-	0	-	2	0	-
TOPIX (YEN)	22	200.7	-89.0%	8.74	153.3%	15	200	-92.7%
WATER INDEX FUTURES	1	4.83	-84.7%	0.84	-12.2%	1	6	-82.1%

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Equity Index Options								
BITCOIN OPTIONS	555	96.65	474.1%	280.53	97.8%	428	103	317.5%
E-MINI NASDAQ 100	59,633	35,428.96	68.3%	56,083.58	6.3%	53,084	39,710	33.7%
E-MINI RUSSELL 2000	7,453	6,325.52	17.8%	5,854.79	27.3%	6,103	8,091	-24.6%
E-MINI S&P500	1,385,629	995,405.22	39.2%	1,234,786.89	12.2%	1,262,801	1,134,112	11.3%
ETHER OPTIONS	47	0	-	66.63	-29.5%	52	0	-
EVENT CONTRACT S&P 500	76	0	-	0	-	28	0	-
MICRO BITCOIN	496	5.09	9655.5%	250.42	98.2%	475	2	25072.6%
MICRO E-MINI NASDAQ 100	2,632	2,743.43	-4.1%	2,960.47	-11.1%	2,753	3,394	-18.9%
Micro E-mini S&P 500	12,433	10,613.74	17.1%	14,930.16	-16.7%	13,725	13,813	-0.6%
MICRO ETHER	672	873.91	-23.1%	632	6.3%	493	324	52.2%
FX Futures								
AD/CD CROSS RATES	4	3.13	37.5%	0.68	529.1%	2	2	28.0%
AD/JY CROSS RATES	171	368.87	-53.6%	67.21	154.8%	104	270	-61.6%
AD/NE CROSS RATES	184	244.74	-24.7%	68.84	167.8%	132	112	18.2%
AUSTRALIAN DOLLAR	120,214	98,590.52	21.9%	92,141.63	30.5%	100,590	96,213	4.5%
BP/JY CROSS RATES	365	370.04	-1.5%	112.95	222.8%	219	237	-7.8%
BP/SF CROSS RATES	225	111.13	102.3%	121.47	85.1%	168	111	51.7%
BRAZIL REAL	12,706	15,460.74	-17.8%	16,032.42	-20.7%	14,468	16,621	-13.0%
BRITISH POUND	136,163	128,360.96	6.1%	96,139.26	41.6%	107,714	113,443	-5.1%
CANADIAN DOLLAR	113,151	91,705.35	23.4%	80,698.26	40.2%	89,326	83,364	7.2%
CD/JY CROSS RATES	0	1.48	-97.1%	0.11	-58.7%	0	9	-99.0%
CHINESE RENMINBI (CNH)	1,550	1,338.7	15.8%	1,610.47	-3.7%	1,413	936	51.0%
CZECK KORUNA (EC)	0	0.35	-75.0%	0	-	0	0	-63.6%
CZECK KORUNA (US)	0	0.22	120.0%	2.63	-81.8%	4	0	2069.9%
EC/AD CROSS RATES	530	486.83	8.8%	69.11	666.4%	250	280	-11.0%
EC/CD CROSS RATES	732	863.43	-15.2%	89.74	715.6%	355	444	-20.1%
EC/NOK CROSS RATES	260	138.52	87.8%	74.26	250.3%	141	69	104.2%
EC/SEK CROSS RATES	623	267.17	133.2%	133.32	367.4%	308	135	127.3%
EFX/BP CROSS RATES	5,628	8,726.78	-35.5%	1,777.79	216.6%	3,127	5,077	-38.4%
EFX/JY CROSS RATES	4,531	6,128.04	-26.1%	1,513.05	199.5%	2,587	3,849	-32.8%
EFX/SF CROSS RATES	2,791	4,087.43	-31.7%	450.37	519.6%	1,409	2,505	-43.7%
E-MICRO USD/CAD	9	24.43	-64.4%	6.32	37.7%	10	19	-49.6%
E-MICRO USD/CHF	9	6.13	54.6%	2.42	291.5%	8	4	110.4%
E-MICRO USD/JPY	69	333.96	-79.3%	26.47	160.8%	63	196	-67.6%
E-MINI EURO FX	7,833	7,946.52	-1.4%	6,772.79	15.6%	7,396	6,733	9.8%
E-MINI JAPANESE YEN	531	398.26	33.4%	629.74	-15.7%	595	328	81.4%
EURO FX	319,264	302,031	5.7%	210,243.63	51.9%	246,488	231,671	6.4%
HUNGARIAN FORINT (EC)	0	0.78	-66.7%	0.32	-17.4%	0	0	-56.7%
HUNGARIAN FORINT (US)	1	0.17	525.1%	0.63	72.1%	1	0	70.4%
INDIAN RUPEE	1,201	976.43	23.0%	1,727.11	-30.4%	1,755	949	84.8%
JAPANESE YEN	202,024	148,642.74	35.9%	139,736.37	44.6%	165,559	124,788	32.7%
KOREAN WON	69	32.74	111.2%	9.11	659.2%	32	42	-23.2%
MEXICAN PESO	105,498	62,215.61	69.6%	48,791.32	116.2%	68,052	51,690	31.7%
MICRO AUD/USD	14,076	10,883.96	29.3%	14,609.95	-3.7%	14,636	12,636	15.8%
MICRO CAD/USD	3,214	2,095.83	53.4%	3,257.68	-1.3%	3,241	2,663	21.7%
MICRO CHF/USD	703	623.3	12.8%	755.21	-6.9%	814	528	54.2%

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FX Futures								
MICRO EUR/USD	35,106	34,428.74	2.0%	33,157.21	5.9%	35,636	33,659	5.9%
MICRO GBP/USD	3,411	3,884.7	-12.2%	3,893.47	-12.4%	3,715	4,017	-7.5%
MICRO INR/USD	26	39.3	-34.5%	29.37	-12.4%	31	42	-26.5%
MICRO JPY/USD	0	556.48	-100.0%	0	-	0	1,641	-100.0%
MICRO USD/CNH	0	0.04	-100.0%	0	-	0	0	-100.0%
NEW ZEALND DOLLAR	36,180	30,411.3	19.0%	29,672.47	21.9%	30,702	28,153	9.1%
NKR/USD CROSS RATE	393	230.09	70.7%	166.42	136.0%	238	185	28.8%
POLISH ZLOTY (EC)	8	19.74	-57.3%	1.37	516.4%	4	9	-56.5%
POLISH ZLOTY (US)	88	162.57	-46.1%	30.47	187.3%	56	94	-40.4%
RMB USD	0	0.13	-100.0%	0	-	0	0	25.0%
RUSSIAN RUBLE	0	565.09	-100.0%	0	-	0	9,422	-100.0%
S.AFRICAN RAND	5,162	5,613.13	-8.0%	3,252.58	58.7%	3,779	4,622	-18.2%
SF/JY CROSS RATES	96	55.39	73.3%	23.11	315.5%	47	22	114.6%
SHEKEL	7	0.22	3339.9%	3.68	103.0%	4	1	551.3%
SKR/USD CROSS RATES	334	568.87	-41.4%	238.79	39.7%	265	422	-37.1%
SWISS FRANC	26,790	28,165.65	-4.9%	18,048.74	48.4%	21,778	24,030	-9.4%
TURKISH LIRA	6	4.87	17.0%	0	-	2	2	2.3%
USDZAR	2	0	-	2.11	17.7%	2	0	259.2%
FX Options								
AUD/USD MONDAY OPTION WEE	13	21.26	-38.0%	3.26	303.7%	6	22	-71.3%
AUD/USD MONDAY OPTION WEE	59	5.48	972.2%	7.95	639.1%	31	36	-14.4%
AUD/USD MONDAY OPTION WEE	37	20.48	83.0%	0.42	8802.2%	14	14	-2.2%
AUD/USD MONDAY OPTION WEE	6	4.91	31.0%	1.63	294.4%	15	13	18.8%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-	5	13	-59.6%
AUD/USD MONTHLY OPTIONS	3,691	2,809.39	31.4%	2,014.89	83.2%	2,530	5,070	-50.1%
AUD/USD WKLY FRIDAY OPTION	0	76.09	-100.0%	0	-	0	28	-100.0%
AUD/USD WKLY FRIDAY OPTION	119	54	120.5%	160.16	-25.6%	111	114	-2.1%
AUD/USD WKLY FRIDAY OPTION	87	87	0.0%	80.63	7.9%	102	147	-30.6%
AUD/USD WKLY FRIDAY OPTION	92	54.57	68.0%	53.89	70.1%	88	102	-13.7%
AUD/USD WKLY FRIDAY OPTION	41	25.17	63.9%	16.74	146.5%	20	9	118.8%
AUD/USD WKLY WED OPTIONS -	5	55.09	-90.4%	11.79	-55.0%	8	51	-84.1%
AUD/USD WKLY WED OPTIONS -	9	19.61	-56.5%	5.21	63.6%	9	34	-73.9%
AUD/USD WKLY WED OPTIONS -	2	11.26	-81.9%	4.26	-52.1%	5	14	-64.4%
AUD/USD WKLY WED OPTIONS -	9	3.39	155.1%	13.63	-36.5%	18	20	-11.1%
AUD/USD WKLY WED OPTIONS -	13	9.17	46.9%	0	-	5	3	46.9%
BRL/USD MONTHLY OPTIONS	0	12.74	-100.0%	0.05	-100.0%	0	26	-99.7%
CAD/USD MONDAY OPTIONS WE	78	13.09	493.7%	33.79	129.9%	41	10	325.7%
CAD/USD MONDAY OPTIONS WE	108	82.26	31.5%	101.89	6.2%	85	73	17.0%
CAD/USD MONDAY OPTIONS WE	152	24	532.8%	0.42	35965.0%	56	9	508.9%
CAD/USD MONDAY OPTIONS WE	46	22.09	109.4%	35	32.2%	44	48	-7.7%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-	4	20	-80.3%
CAD/USD MONTHLY OPTIONS	5,119	4,745.7	7.9%	2,833.89	80.6%	3,971	4,324	-8.2%
CAD/USD WKLY FRIDAY OPTION	0	260.61	-100.0%	0	-	0	97	-100.0%
CAD/USD WKLY FRIDAY OPTION	127	52.17	143.0%	199.47	-36.4%	167	247	-32.5%
CAD/USD WKLY FRIDAY OPTION	130	222.57	-41.6%	161.95	-19.8%	137	283	-51.5%
CAD/USD WKLY FRIDAY OPTION	225	228.61	-1.4%	129.05	74.7%	181	259	-30.0%
CAD/USD WKLY FRIDAY OPTION	206	28.35	625.0%	18.21	1028.6%	82	11	678.1%

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FX Options								
CAD/USD WKLY WED OPTIONS -	41	28	47.5%	11.37	263.3%	42	51	-19.0%
CAD/USD WKLY WED OPTIONS -	43	8.96	376.7%	24.89	71.5%	35	65	-46.0%
CAD/USD WKLY WED OPTIONS -	46	22.61	102.5%	136.47	-66.5%	70	63	9.7%
CAD/USD WKLY WED OPTIONS -	120	136	-11.7%	15.95	653.0%	86	106	-18.3%
CAD/USD WKLY WED OPTIONS -	39	127.74	-69.7%	0	-	14	47	-69.7%
CHF/USD MONTHLY OPTIONS	346	171.91	101.3%	203.26	70.3%	291	308	-5.6%
CHF/USD WKLY FRIDAY OPTION	0	22.61	-100.0%	0	-	0	8	-100.0%
CHF/USD WKLY FRIDAY OPTION	22	1.26	1644.8%	10.63	106.9%	13	10	29.0%
CHF/USD WKLY FRIDAY OPTION	4	1.74	127.5%	9.63	-58.9%	8	6	28.1%
CHF/USD WKLY FRIDAY OPTION	63	1.48	4170.5%	116.11	-45.6%	69	12	502.4%
CHF/USD WKLY FRIDAY OPTION	15	0	-	0.32	4525.9%	6	0	-
EUR/GBP MONTHLY OPTIONS	0	76.09	-100.0%	0	-	0	32	-100.0%
EURODOLLARS	137	0	-	220.21	-37.8%	174	0	-
EUR/USD MONDAY OPTION WEE	81	197.57	-58.8%	214.21	-62.0%	112	112	-0.3%
EUR/USD MONDAY OPTION WEE	93	161.35	-42.4%	83.26	11.5%	99	220	-55.2%
EUR/USD MONDAY OPTION WEE	146	43	240.6%	72.68	101.5%	77	43	77.4%
EUR/USD MONDAY OPTION WEE	104	153.17	-31.9%	162.05	-35.7%	107	140	-23.5%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-	15	46	-66.6%
EUR/USD MONTHLY OPTIONS	18,849	10,169.26	85.4%	14,978	25.8%	14,838	11,595	28.0%
EUR/USD WKLY FRIDAY OPTION	0	1,091.17	-100.0%	0	-	0	405	-100.0%
EUR/USD WKLY FRIDAY OPTION	1,018	509.04	100.1%	862	18.1%	1,011	1,064	-5.0%
EUR/USD WKLY FRIDAY OPTION	987	810.17	21.9%	1,902.32	-48.1%	1,274	850	50.0%
EUR/USD WKLY FRIDAY OPTION	4,898	968.22	405.8%	729.26	571.6%	2,220	1,230	80.5%
EUR/USD WKLY FRIDAY OPTION	349	99.83	249.5%	12.68	2650.4%	133	37	260.0%
EUR/USD WKLY WED OPTIONS -	192	315.43	-39.0%	191.89	0.2%	177	349	-49.3%
EUR/USD WKLY WED OPTIONS -	319	353.52	-9.7%	445.21	-28.3%	337	285	18.3%
EUR/USD WKLY WED OPTIONS -	200	284.52	-29.6%	441.26	-54.6%	265	293	-9.5%
EUR/USD WKLY WED OPTIONS -	161	333.26	-51.6%	303.63	-46.8%	210	297	-29.4%
EUR/USD WKLY WED OPTIONS -	290	276.65	4.8%	0	-	108	103	4.8%
GBP/USD MONDAY OPTION WEE	32	26.74	18.0%	59.89	-47.3%	46	31	50.1%
GBP/USD MONDAY OPTION WEE	19	0.09	21889.0%	79.53	-75.9%	60	44	35.5%
GBP/USD MONDAY OPTION WEE	32	6.13	415.6%	43.05	-26.6%	25	8	216.0%
GBP/USD MONDAY OPTION WEE	10	28.91	-66.0%	10.26	-4.3%	11	39	-73.1%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-	6	6	10.8%
GBP/USD MONTHLY OPTIONS	2,813	2,513.04	11.9%	3,318.47	-15.2%	3,131	3,163	-1.0%
GBP/USD WKLY FRIDAY OPTION	0	147.74	-100.0%	0	-	0	55	-100.0%
GBP/USD WKLY FRIDAY OPTION	127	20.74	510.9%	202.95	-37.6%	162	117	38.3%
GBP/USD WKLY FRIDAY OPTION	105	117.3	-10.1%	226.47	-53.4%	137	218	-36.9%
GBP/USD WKLY FRIDAY OPTION	71	220.57	-67.8%	108.79	-34.7%	85	183	-53.6%
GBP/USD WKLY FRIDAY OPTION	99	64.26	54.7%	33.58	196.1%	47	24	97.9%
GBP/USD WKLY WED OPTIONS -	40	25.74	56.1%	10.79	272.3%	26	84	-69.1%
GBP/USD WKLY WED OPTIONS -	25	2.57	862.7%	125.95	-80.4%	83	32	158.5%
GBP/USD WKLY WED OPTIONS -	97	27.96	246.3%	22.42	331.9%	61	76	-20.3%
GBP/USD WKLY WED OPTIONS -	46	21	120.3%	18.16	154.8%	31	79	-61.5%
GBP/USD WKLY WED OPTIONS -	4	14.35	-71.8%	0	-	2	5	-71.8%
JPY/USD MONDAY OPTION WEE	24	38.78	-38.1%	117.32	-79.5%	48	21	129.6%
JPY/USD MONDAY OPTION WEE	191	13.22	1344.7%	146.16	30.7%	130	51	157.6%
JPY/USD MONDAY OPTION WEE	70	2.57	2632.2%	3.53	1887.5%	27	2	1162.4%
JPY/USD MONDAY OPTION WEE	4	35.26	-88.0%	2.84	48.4%	24	36	-32.4%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

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	ADV MAR 2023	ADV MAR 2022	% CHG	ADV FEB 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
FX Options								
JPY/USD MONDAY OPTION WEE	0	0	-	0	-	17	1	1952.9%
JPY/USD MONTHLY OPTIONS	4,619	7,487.39	-38.3%	4,508.95	2.4%	4,902	6,424	-23.7%
JPY/USD WKLY FRIDAY OPTION	0	485	-100.0%	0	-	0	180	-100.0%
JPY/USD WKLY FRIDAY OPTION	415	366.43	13.2%	433.21	-4.3%	391	532	-26.6%
JPY/USD WKLY FRIDAY OPTION	377	535.78	-29.7%	568.11	-33.7%	485	518	-6.3%
JPY/USD WKLY FRIDAY OPTION	273	472.43	-42.1%	245.53	11.4%	284	540	-47.4%
JPY/USD WKLY FRIDAY OPTION	202	29.65	580.5%	0.11	191526.4%	75	11	580.8%
JPY/USD WKLY WED OPTIONS -	85	133.04	-36.2%	216.95	-60.9%	142	148	-4.1%
JPY/USD WKLY WED OPTIONS -	150	132.78	12.9%	114.05	31.5%	145	148	-2.3%
JPY/USD WKLY WED OPTIONS -	197	81.04	143.2%	221.58	-11.0%	209	116	80.4%
JPY/USD WKLY WED OPTIONS -	86	78.74	9.1%	148.47	-42.2%	151	117	29.9%
JPY/USD WKLY WED OPTIONS -	56	124.22	-54.6%	0	-	21	46	-54.6%
MXN/USD MONTHLY OPTIONS	18	33.22	-46.2%	9.42	89.7%	13	45	-71.7%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
NZD/USD MONTHLY OPTIONS	5	0.43	1030.0%	2,365.58	-99.8%	1,186	1	122502.0%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0.05	-100.0%	0	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	20.53	-100.0%	12	0	-
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	-	0	0	-87.0%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	2	0.48	336.3%	0.79	164.3%	9	31	-71.8%
OTC AUDUSD SUB	54	0	-	50.32	7.7%	51	0	-
OTC EURUSD SUB	318	0	-	272.37	16.7%	218	0	-
OTC GBPUSD SUB	35	0	-	114.05	-69.6%	74	0	-
OTC USDCAD SUB	317	0	-	79.95	296.1%	151	0	-
OTC USDJPY SUB	64	0	-	55.95	14.7%	55	0	-

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	ADV MAR 2023	ADV MAR 2022	% CHG	ADV FEB 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Ag Products Futures								
BLOCK CHEESE	21	12.78	67.0%	16.63	28.4%	16	24	-35.6%
BUTTER CS	163	185.91	-12.4%	188.95	-13.8%	172	255	-32.4%
CASH-SETTLED CHEESE	600	521.04	15.2%	557.68	7.6%	581	529	9.9%
CATTLE	72,208	66,928.39	7.9%	54,196.63	33.2%	66,570	65,696	1.3%
CDD SEASONAL STRIP	107	34.78	206.2%	0	-	40	17	133.3%
CDD WEATHER	0	86.96	-100.0%	0	-	0	32	-100.0%
CLASS IV MILK	24	70.22	-65.8%	31.26	-23.1%	35	141	-75.1%
DRY WHEY	59	42.52	38.2%	47.05	24.9%	51	52	-1.4%
FEEDER CATTLE	19,100	12,818	49.0%	16,370.79	16.7%	16,495	13,073	26.2%
GOLDMAN SACHS	132	230.57	-42.8%	124.42	6.0%	130	195	-33.0%
GSCI EXCESS RETURN FUT	3,333	6,085.04	-45.2%	112.89	2851.9%	1,284	2,487	-48.4%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	60.53	-100.0%	32	129	-75.0%
HDD WEATHER EUROPEAN	0	28.26	-100.0%	0	-	121	63	93.5%
HOGS	58,447	46,181.7	26.6%	45,018.47	29.8%	51,864	50,095	3.5%
HOUSING INDEX	1	0.57	38.4%	1.21	-35.3%	1	1	26.2%
LUMBER	601	340.43	76.6%	653.74	-8.0%	625	424	47.3%
MALAYSIAN PALM SWAP	0	0	-	0	-	0	0	-
MILK	1,326	1,596.74	-16.9%	1,139.53	16.4%	1,287	1,589	-19.0%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	272	299.39	-9.0%	285.58	-4.6%	298	360	-17.0%
OTC SP GSCI ER SWAP	258	0	-	1,708.68	-84.9%	874	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-	0	0	-
PORK CUTOFF	56	145.74	-61.4%	63.21	-10.9%	57	134	-57.4%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	0	-
USD CRUDE PALM OIL	1,567	1,408.26	11.3%	1,573.42	-0.4%	1,500	1,103	36.0%

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	ADV MAR 2023	ADV MAR 2022	% CHG	ADV FEB 2023	% CHG	ADV Y.T.D 2023	ADV Y.T.D 2022	% CHG
Ag Products Options								
BLOCK CHEESE	14	10.43	32.5%	8.58	61.2%	8	10	-16.7%
BUTTER CS	105	59.17	77.1%	80.42	30.3%	87	73	19.2%
CASH-SETTLED CHEESE	307	457.91	-33.0%	231.68	32.4%	275	493	-44.2%
CATTLE	15,878	10,186.3	55.9%	11,980.63	32.5%	12,954	9,931	30.4%
CDD SEASONAL STRIP	130	217.39	-40.0%	947.37	-86.2%	339	89	281.8%
CDD WEATHER	261	0	-	2,526.32	-89.7%	871	0	-
CLASS IV MILK	315	256.39	22.9%	335.79	-6.2%	339	333	1.8%
DRY WHEY	2	109.3	-98.6%	0.26	478.2%	1	41	-97.5%
FEEDER CATTLE	3,685	1,738	112.0%	2,501.84	47.3%	2,948	1,661	77.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	86.96	-100.0%	605.26	-100.0%	479	77	518.8%
HDD WEATHER EUROPEAN	0	0	-	526.32	-100.0%	323	16	1900.0%
HOGS	15,076	11,311.17	33.3%	12,756.68	18.2%	13,741	12,754	7.7%
LUMBER	8	19.87	-58.2%	12.16	-31.7%	12	28	-56.4%
LV CATL CSO	0	0	-	0.26	-100.0%	0	0	-
MILK	1,325	1,003.65	32.0%	967.89	36.9%	1,159	937	23.8%
MLK MID OPTIONS	0	1	-91.3%	0.32	-72.5%	0	1	-70.3%
NFD MILK	220	251.26	-12.3%	269.95	-18.3%	246	255	-3.5%
PORK CUTOOT	0	1.3	-100.0%	0	-	0	0	-93.3%
TOTAL FUTURES GROUP								
Interest Rate Futures	5,597,584	4,183,634.52	33.8%	4,172,760.11	34.1%	4,333,240	3,933,068	10.2%
Equity Index Futures	6,258,227	5,712,632	9.6%	5,304,456.16	18.0%	5,611,883	6,265,092	-10.4%
FX Futures	1,161,941	998,172.61	16.4%	806,192.42	44.1%	927,225	862,244	7.5%
Foreign Exchange Futures	0	0	-	0	-	0	0	-87.0%
Ag Products Futures	158,276	137,017.3	15.5%	122,150.68	29.6%	142,034	136,398	4.1%
TOTAL FUTURES	13,176,027	11,031,456.43	19.4%	10,405,559.37	26.6%	11,014,381	11,196,802.13	-1.6%
TOTAL OPTIONS GROUP								
Interest Rate Options	3,038,870	1,518,489.09	100.1%	2,595,059.26	17.1%	2,565,274	1,528,035	67.9%
Equity Index Options	1,469,626	1,051,492.52	39.8%	1,315,845.47	11.7%	1,339,942	1,199,548	11.7%
FX Options	49,231	38,600.74	27.5%	40,418.21	21.8%	41,700	41,972	-0.6%
Foreign Exchange Options	790	0.48	164977.4%	573.42	37.7%	557	31	1694.0%
Ag Products Options	37,326	25,710.13	45.2%	33,751.74	10.6%	33,783	26,699	26.5%
TOTAL OPTIONS	4,595,842	2,634,292.96	74.5%	3,985,648.11	15.3%	3,981,255.42	2,796,285.77	42.4%
TOTAL COMBINED								
Interest Rate	8,636,454	5,702,123.61	51.5%	6,767,819.37	27.6%	6,898,514	5,461,103	26.3%
Equity Index	7,727,853	6,764,124.52	14.2%	6,620,301.63	16.7%	6,951,825	7,464,640	-6.9%
FX	1,211,172	1,036,773.35	16.8%	846,610.63	43.1%	968,925	904,216	7.2%
Foreign Exchange	790	0.48	164977.4%	573.42	37.7%	557	31	1673.0%
Ag Products	195,601	162,727.43	20.2%	155,902.42	25.5%	175,816	163,097	7.8%
GRAND TOTAL	17,771,870	13,665,749.39	30.0%	14,391,207.47	23.5%	14,995,636.42	13,993,087.9	7.2%