

CME Exchange Volume Report - Monthly

	VOLUME AUG 2021	VOLUME AUG 2020	% CHG	VOIUME JUL 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	281	-100.0%	0	0.0%	0	818	-100.0%
EURODOLLARS	40,873,147	28,911,468	41.4%	48,300,484	-15.4%	395,001,793	384,968,548	2.6%
SOFR	2,750,524	889,281	209.3%	2,302,800	19.4%	19,307,249	7,256,692	166.1%
SONIA	37,166	211,585	-82.4%	39,416	-5.7%	758,269	1,286,034	-41.0%
TIIE	364	0	-	30	1,113.3%	467	0	-
Interest Rate Options								
EURODOLLARS	2,651,800	3,906,128	-32.1%	3,010,832	-11.9%	32,010,945	168,500,425	-81.0%
EURO MIDCURVE	15,255,171	4,417,995	245.3%	18,215,039	-16.2%	135,543,558	59,934,221	126.2%
SOFR	50	0	0.0%	11	354.5%	8,402	1,022	722.1%

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Equity Index Futures								
BITCOIN FUTURES	437,766	209,182	109.3%	519,462	-15.7%	3,448,622	1,382,831	149.4%
E-MINI COM SERVICES SELECT	1,262	1,276	-1.1%	1,042	21.1%	28,707	37,148	-22.7%
E-mini FTSE 100 (USD)	0	0	0.0%	0	-	0	0	0.0%
E-mini FTSE China 50	211	0	0.0%	116	81.9%	347	2	17,250.0%
E-MINI MIDCAP	192,521	239,926	-19.8%	216,569	-11.1%	1,981,778	3,006,736	-34.1%
E-MINI NASDAQ 100	10,480,818	9,570,285	9.5%	10,561,597	-0.8%	89,782,342	96,949,441	-7.4%
E-MINI RUSSELL 1000	7,425	1,866	297.9%	2,591	186.6%	68,087	65,539	3.9%
E-MINI RUSSELL 1000 GROWTH	1,423	1,056	34.8%	1,392	2.2%	35,473	39,529	-10.3%
E-MINI RUSSELL 1000 VALUE	3,409	3,154	8.1%	3,363	1.4%	207,799	68,023	205.5%
E-MINI RUSSELL 2000	3,681,690	2,892,942	27.3%	3,752,624	-1.9%	32,579,642	34,890,187	-6.6%
E-MINI S&P500	25,058,886	26,784,933	-6.4%	28,689,849	-12.7%	258,488,042	350,769,255	-26.3%
E-MINI S&P500 ESG	6,232	3,465	79.9%	9,090	-31.4%	134,696	77,574	73.6%
E-MINI S&P REAL ESTATE SELE	9,085	1,983	358.1%	4,624	96.5%	71,812	77,702	-7.6%
ETHER FUTURES	95,216	0	-	70,305	35.4%	430,304	0	-
FT-SE 100	0	0	0.0%	62	-100.0%	241	0	0.0%
FTSE Emerging	0	20	-100.0%	0	0.0%	5	4,500	-99.9%
IBOVESPA INDEX	391	357	9.5%	87	349.4%	1,639	3,947	-58.5%
MICRO E-MINI NASDAQ 100	16,000,710	12,797,950	25.0%	17,548,126	-8.8%	154,367,071	100,588,916	53.5%
MICRO E-MINI RUSSELL 2000	2,756,828	1,579,494	74.5%	2,807,815	-1.8%	24,831,651	16,249,439	52.8%
MICRO E-MINI S&P500	13,547,604	14,919,422	-9.2%	14,690,072	-7.8%	141,543,317	144,287,643	-1.9%
NASDAQ-100 VOLATILITY	6	0	-	7	-14.3%	62	0	-
NASDAQ BIOTECH	386	177	118.1%	733	-47.3%	6,091	5,024	21.2%
Nearby BTIC+	0	0	0.0%	50	-100.0%	356	1,177	-69.8%
NIKKEI 225 (\$) STOCK	94,278	123,046	-23.4%	93,907	0.4%	967,938	1,689,313	-42.7%
NIKKEI 225 (YEN) STOCK	503,205	548,516	-8.3%	597,165	-15.7%	4,980,557	8,295,888	-40.0%
S&P 500	73,641	28,017	162.8%	88,222	-16.5%	938,466	1,095,243	-14.3%
S&P 500 ANNUAL DIVIDEND IND	28,972	53,623	-46.0%	61,333	-52.8%	514,439	533,913	-3.6%
S&P 500/GI	0	0	0.0%	0	0.0%	0	0	0.0%
S&P 500 QUARLY DIVIDEND IND	950	26	3,553.8%	5,477	-82.7%	16,174	9,214	75.5%
S&P 600 SMALLCAP EMINI	0	721	-100.0%	0	0.0%	0	2,783	-100.0%
S&P CONSUMER DSCRTNRY SE	9,388	3,144	198.6%	6,626	41.7%	94,260	67,391	39.9%
S&P CONSUMER STAPLES SECT	27,695	9,428	193.8%	22,391	23.7%	263,622	186,214	41.6%
S&P ENERGY SECTOR	28,509	17,715	60.9%	23,341	22.1%	378,382	206,507	83.2%
S&P FINANCIAL SECTOR	22,806	11,305	101.7%	36,956	-38.3%	523,567	206,949	153.0%
S&P HEALTH CARE SECTOR	25,404	7,184	253.6%	10,446	143.2%	154,506	129,539	19.3%
S&P INDUSTRIAL SECTOR	16,379	6,722	143.7%	11,859	38.1%	197,248	122,213	61.4%
S&P MATERIALS SECTOR	9,402	2,375	295.9%	7,671	22.6%	106,361	65,934	61.3%
S&P TECHNOLOGY SECTOR	7,837	7,459	5.1%	8,040	-2.5%	112,912	113,967	-0.9%
S&P UTILITIES SECTOR	32,608	12,929	152.2%	19,187	69.9%	214,472	194,845	10.1%
S&P VALUE INDEX FUTURES	0	0	0.0%	50	-100.0%	1,340	0	0.0%
WATER INDEX FUTURES	67	0	-	59	13.6%	925	0	-
YEN DENOMINATED TOPIX	3,873	6,075	-36.2%	2,114	83.2%	13,710	58,639	-76.6%

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Equity Index Options								
BITCOIN FUTURES	1,032	3,457	-70.1%	991	4.1%	11,087	22,352	-50.4%
E-MINI NASDAQ 100	614,763	341,907	79.8%	638,607	-3.7%	4,383,348	2,624,759	67.0%
E-MINI RUSSELL 2000	33,490	12,979	158.0%	18,850	77.7%	227,863	142,742	59.6%
E-MINI S&P500	6,083,904	5,447,874	11.7%	5,489,933	10.8%	45,899,576	61,106,791	-24.9%
EOM E-MINI RUSSELL 2000 END	14,709	8,107	81.4%	31,559	-53.4%	163,428	69,191	136.2%
EOM EMINI S&P	1,328,946	1,179,891	12.6%	2,139,056	-37.9%	14,141,822	16,441,837	-14.0%
EOM S&P 500	14,878	23,539	-36.8%	26,274	-43.4%	306,453	525,029	-41.6%
EOW1 E-MINI RUSSELL 2000 WE	17,918	4,288	317.9%	10,566	69.6%	83,747	38,418	118.0%
EOW1 EMINI S&P 500	1,139,452	921,358	23.7%	774,718	47.1%	7,711,124	8,215,395	-6.1%
EOW1 S&P 500	20,690	31,196	-33.7%	8,699	137.8%	219,521	341,287	-35.7%
EOW2 E-MINI RUSSELL 2000 WE	15,540	3,683	321.9%	13,275	17.1%	102,700	31,707	223.9%
EOW2 EMINI S&P 500	975,559	990,676	-1.5%	908,189	7.4%	8,315,082	8,719,717	-4.6%
EOW2 S&P 500	36,020	48,075	-25.1%	33,808	6.5%	384,979	657,332	-41.4%
EOW3 E-MINI RUSSELL 2000 WE	41,762	8,981	365.0%	45,326	-7.9%	245,176	149,178	64.4%
EOW3 EMINI S&P 500	2,219,670	1,914,440	15.9%	2,879,133	-22.9%	16,844,388	19,863,625	-15.2%
EOW3 S&P 500	12,915	55,251	-76.6%	35,069	-63.2%	260,587	597,165	-56.4%
EOW4 E-MINI RUSSELL 2000 WE	22,221	4,386	406.6%	23,911	-7.1%	114,785	27,706	314.3%
EOW4 EMINI S&P 500	1,071,734	826,856	29.6%	1,136,677	-5.7%	6,159,871	6,847,944	-10.0%
MICRO E-MINI NASDAQ 100	35,642	127	27,964.6%	37,175	-4.1%	249,624	127	196,454.3%
MICRO E-MINI S&P500	145,485	1,688	8,518.8%	163,542	-11.0%	1,123,218	1,688	66,441.4%
S&P 500	144,939	69,882	107.4%	130,331	11.2%	1,200,293	1,159,628	3.5%
FX Futures								
AD/CD CROSS RATES	20	0	0.0%	12	66.7%	166	201	-17.4%
AD/JY CROSS RATES	2,044	1,389	47.2%	2,205	-7.3%	18,461	22,340	-17.4%
AD/NE CROSS RATES	717	252	184.5%	369	94.3%	2,183	2,738	-20.3%
AUSTRALIAN DOLLAR	1,650,293	1,716,524	-3.9%	1,719,107	-4.0%	16,351,938	17,259,822	-5.3%
BP/JY CROSS RATES	2,425	2,083	16.4%	2,936	-17.4%	21,630	28,182	-23.2%
BP/SF CROSS RATES	1,003	137	632.1%	628	59.7%	7,355	3,623	103.0%
BRAZIL REAL	283,069	221,321	27.9%	291,436	-2.9%	2,107,293	1,750,727	20.4%
BRITISH POUND	1,589,315	1,964,061	-19.1%	2,098,432	-24.3%	15,443,052	17,402,427	-11.3%
CANADIAN DOLLAR	1,503,347	1,277,849	17.6%	1,686,446	-10.9%	13,088,769	12,772,374	2.5%
CD/JY CROSS RATES	253	8	3,062.5%	735	-65.6%	1,849	558	231.4%
CHINESE RENMINBI (CNH)	15,564	21,435	-27.4%	15,752	-1.2%	130,123	146,590	-11.2%
CZECK KORUNA (EC)	0	3	-100.0%	6	-100.0%	8	24	-66.7%
CZECK KORUNA (US)	0	0	-	0	0.0%	5	0	-
EC/AD CROSS RATES	2,377	2,837	-16.2%	2,605	-8.8%	37,596	53,619	-29.9%
EC/CD CROSS RATES	2,639	2,167	21.8%	3,348	-21.2%	49,593	34,478	43.8%
EC/NOK CROSS RATES	203	5	3,960.0%	558	-63.6%	5,855	1,544	279.2%
EC/SEK CROSS RATES	101	69	46.4%	158	-36.1%	4,583	4,892	-6.3%
EFX/BP CROSS RATES	29,948	25,722	16.4%	34,256	-12.6%	408,764	536,703	-23.8%
EFX/JY CROSS RATES	17,081	17,894	-4.5%	33,427	-48.9%	298,695	486,911	-38.7%
EFX/SF CROSS RATES	15,915	15,161	5.0%	17,677	-10.0%	176,035	324,640	-45.8%
E-MICRO USD/CAD	100	0	-	152	-34.2%	252	0	-
E-MICRO USD/CHF	17	0	-	12	41.7%	29	0	-
E-MICRO USD/JPY	9	0	-	0	-	9	0	-
E-MINI EURO FX	76,370	164,580	-53.6%	98,475	-22.4%	992,307	1,228,256	-19.2%
E-MINI JAPANESE YEN	9,115	12,649	-27.9%	8,093	12.6%	71,929	193,112	-62.8%
EURO FX	2,905,419	4,291,731	-32.3%	3,533,251	-17.8%	31,626,687	36,571,138	-13.5%

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FX Futures								
HUNGARIAN FORINT (EC)	8	0	0.0%	5	60.0%	18	9	100.0%
HUNGARIAN FORINT (US)	11	6	83.3%	3	266.7%	137	150	-8.7%
INDIAN RUPEE	10,203	24,945	-59.1%	12,402	-17.7%	111,524	227,649	-51.0%
JAPANESE YEN	1,958,896	1,849,681	5.9%	2,028,752	-3.4%	17,080,881	20,447,798	-16.5%
KOREAN WON	1,228	386	218.1%	638	92.5%	15,805	7,113	122.2%
MEXICAN PESO	969,842	791,175	22.6%	919,680	5.5%	8,672,618	9,341,645	-7.2%
MICRO AUD/USD	166,180	228,441	-27.3%	173,153	-4.0%	1,685,694	1,985,603	-15.1%
MICRO CAD/USD	60,041	46,958	27.9%	68,287	-12.1%	437,065	224,756	94.5%
MICRO CHF/USD	7,044	4,136	70.3%	6,375	10.5%	69,867	28,027	149.3%
MICRO EUR/USD	378,855	652,308	-41.9%	500,309	-24.3%	3,916,474	3,758,632	4.2%
MICRO GBP/USD	64,643	65,536	-1.4%	86,051	-24.9%	577,692	461,761	25.1%
MICRO INR/USD	1,130	1,602	-29.5%	1,427	-20.8%	14,781	18,353	-19.5%
MICRO JPY/USD	31,784	27,335	16.3%	38,550	-17.6%	260,496	244,636	6.5%
MICRO USD/CNH	0	0	-	0	0.0%	36	0	-
NEW ZEALND DOLLAR	613,834	589,102	4.2%	591,912	3.7%	4,802,479	5,116,741	-6.1%
NKR/USD CROSS RATE	3,726	2,857	30.4%	5,157	-27.7%	45,795	45,221	1.3%
POLISH ZLOTY (EC)	32	12	166.7%	40	-20.0%	978	459	113.1%
POLISH ZLOTY (US)	363	757	-52.0%	498	-27.1%	6,744	6,369	5.9%
RMB USD	1	0	0.0%	0	0.0%	3	5	-40.0%
RUSSIAN RUBLE	102,943	79,136	30.1%	83,005	24.0%	792,942	924,563	-14.2%
S.AFRICAN RAND	65,938	66,700	-1.1%	38,730	70.3%	448,660	629,780	-28.8%
SF/JY CROSS RATES	38	5	660.0%	33	15.2%	431	268	60.8%
SHEKEL	1	1	0.0%	0	0.0%	16	114	-86.0%
SKR/USD CROSS RATES	6,573	3,903	68.4%	3,665	79.3%	44,406	38,711	14.7%
SWISS FRANC	437,465	510,516	-14.3%	473,056	-7.5%	3,824,102	4,795,139	-20.3%
TURKISH LIRA	95	2,093	-95.5%	134	-29.1%	735	7,782	-90.6%
USDZAR	4	0	0.0%	0	0.0%	64	0	0.0%
FX Options								
AUD/USD MONDAY OPTION WEE	4	0	0.0%	99	-96.0%	2,829	2,776	1.9%
AUD/USD MONDAY OPTION WEE	300	234	28.2%	839	-64.2%	2,929	1,492	96.3%
AUD/USD MONDAY OPTION WEE	249	339	-26.5%	298	-16.4%	3,434	2,290	50.0%
AUD/USD MONDAY OPTION WEE	586	191	206.8%	312	87.8%	3,598	1,166	208.6%
AUD/USD MONDAY OPTION WEE	1,347	13	10,261.5%	0	0.0%	1,370	722	89.8%
AUD/USD MONTHLY OPTIONS	98,043	39,350	149.2%	66,478	47.5%	648,575	624,455	3.9%
AUD/USD WKLY FRIDAY OPTION	234	0	0.0%	381	-38.6%	4,231	3,153	34.2%
AUD/USD WKLY FRIDAY OPTION	2,456	2,850	-13.8%	917	167.8%	13,115	37,612	-65.1%
AUD/USD WKLY FRIDAY OPTION	2,072	2,432	-14.8%	2,076	-0.2%	20,861	31,857	-34.5%
AUD/USD WKLY FRIDAY OPTION	1,965	2,413	-18.6%	1,891	3.9%	22,728	34,174	-33.5%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	1,471	-100.0%	4,857	12,903	-62.4%
AUD/USD WKLY WED OPTIONS -	1,360	867	56.9%	878	54.9%	9,586	10,831	-11.5%
AUD/USD WKLY WED OPTIONS -	668	507	31.8%	1,057	-36.8%	6,060	12,342	-50.9%
AUD/USD WKLY WED OPTIONS -	59	121	-51.2%	236	-75.0%	2,736	7,509	-63.6%
AUD/USD WKLY WED OPTIONS -	195	806	-75.8%	991	-80.3%	7,525	11,474	-34.4%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	1,408	4,519	-68.8%
BRL/USD MONTHLY OPTIONS	332	0	0.0%	477	-30.4%	2,590	663	290.6%
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	1,610	-100.0%	5,961	2,359	152.7%
CAD/USD MONDAY OPTIONS WE	1,118	735	52.1%	2,678	-58.3%	10,542	1,364	672.9%
CAD/USD MONDAY OPTIONS WE	858	857	0.1%	564	52.1%	3,896	4,728	-17.6%
CAD/USD MONDAY OPTIONS WE	3,990	672	493.8%	3,499	14.0%	14,203	4,513	214.7%

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FX Options								
CAD/USD MONDAY OPTIONS WE	2,535	2,224	14.0%	0	0.0%	3,147	3,085	2.0%
CAD/USD MONTHLY OPTIONS	119,010	31,123	282.4%	103,682	14.8%	580,927	411,759	41.1%
CAD/USD WKLY FRIDAY OPTION	32	0	0.0%	889	-96.4%	15,009	6,030	148.9%
CAD/USD WKLY FRIDAY OPTION	6,549	8,013	-18.3%	3,889	68.4%	37,122	57,656	-35.6%
CAD/USD WKLY FRIDAY OPTION	8,364	6,557	27.6%	9,367	-10.7%	55,470	51,498	7.7%
CAD/USD WKLY FRIDAY OPTION	12,498	5,177	141.4%	8,889	40.6%	62,186	56,558	10.0%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	5,593	-100.0%	15,578	26,522	-41.3%
CAD/USD WKLY WED OPTIONS -	3,540	2,263	56.4%	3,218	10.0%	12,867	20,054	-35.8%
CAD/USD WKLY WED OPTIONS -	3,511	1,814	93.6%	4,096	-14.3%	15,571	14,855	4.8%
CAD/USD WKLY WED OPTIONS -	1,463	1,214	20.5%	2,234	-34.5%	13,279	15,956	-16.8%
CAD/USD WKLY WED OPTIONS -	1,179	2,139	-44.9%	2,554	-53.8%	12,542	20,347	-38.4%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	3,241	7,730	-58.1%
CHF/USD MONTHLY OPTIONS	4,835	2,771	74.5%	3,720	30.0%	37,633	26,228	43.5%
CHF/USD WKLY FRIDAY OPTION	83	0	0.0%	4	1,975.0%	301	37	713.5%
CHF/USD WKLY FRIDAY OPTION	418	206	102.9%	227	84.1%	2,193	1,502	46.0%
CHF/USD WKLY FRIDAY OPTION	130	156	-16.7%	186	-30.1%	1,543	1,004	53.7%
CHF/USD WKLY FRIDAY OPTION	36	105	-65.7%	65	-44.6%	2,330	877	165.7%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	166	-100.0%	238	906	-73.7%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	-	0	0	0.0%
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	0.0%	0	0	-
EUR/USD MONDAY OPTION WEE	86	30	186.7%	8,875	-99.0%	16,935	11,209	51.1%
EUR/USD MONDAY OPTION WEE	1,385	1,027	34.9%	699	98.1%	13,014	7,324	77.7%
EUR/USD MONDAY OPTION WEE	3,518	3,141	12.0%	1,616	117.7%	11,718	17,331	-32.4%
EUR/USD MONDAY OPTION WEE	1,682	2,916	-42.3%	5,007	-66.4%	20,819	16,579	25.6%
EUR/USD MONDAY OPTION WEE	4,358	1,672	160.6%	0	0.0%	5,945	7,186	-17.3%
EUR/USD MONTHLY OPTIONS	183,037	202,255	-9.5%	216,860	-15.6%	1,663,859	2,388,734	-30.3%
EUR/USD WKLY FRIDAY OPTION	153	2	7,550.0%	1,584	-90.3%	31,687	11,075	186.1%
EUR/USD WKLY FRIDAY OPTION	15,396	15,630	-1.5%	4,437	247.0%	109,994	166,165	-33.8%
EUR/USD WKLY FRIDAY OPTION	18,459	19,273	-4.2%	20,276	-9.0%	159,013	174,636	-8.9%
EUR/USD WKLY FRIDAY OPTION	16,613	18,639	-10.9%	20,412	-18.6%	144,910	182,570	-20.6%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	24,596	-100.0%	58,205	61,045	-4.7%
EUR/USD WKLY WED OPTIONS -	6,390	9,833	-35.0%	8,493	-24.8%	54,450	78,923	-31.0%
EUR/USD WKLY WED OPTIONS -	6,060	10,349	-41.4%	11,823	-48.7%	60,791	69,478	-12.5%
EUR/USD WKLY WED OPTIONS -	7,006	5,362	30.7%	6,927	1.1%	59,986	67,195	-10.7%
EUR/USD WKLY WED OPTIONS -	8,103	7,707	5.1%	14,255	-43.2%	73,064	63,029	15.9%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	12,636	23,314	-45.8%
GBP/USD MONDAY OPTION WEE	0	0	0.0%	1,887	-100.0%	3,127	3,671	-14.8%
GBP/USD MONDAY OPTION WEE	587	83	607.2%	799	-26.5%	6,269	2,646	136.9%
GBP/USD MONDAY OPTION WEE	180	0	0.0%	227	-20.7%	1,887	4,333	-56.5%
GBP/USD MONDAY OPTION WEE	1,483	0	0.0%	1,088	36.3%	4,758	5,595	-15.0%
GBP/USD MONDAY OPTION WEE	254	273	-7.0%	0	0.0%	2,454	1,435	71.0%
GBP/USD MONTHLY OPTIONS	57,377	62,326	-7.9%	88,791	-35.4%	585,686	678,269	-13.6%
GBP/USD WKLY FRIDAY OPTION	70	470	-85.1%	1,408	-95.0%	8,176	3,737	118.8%
GBP/USD WKLY FRIDAY OPTION	3,759	5,330	-29.5%	2,867	31.1%	20,405	31,779	-35.8%
GBP/USD WKLY FRIDAY OPTION	2,241	5,225	-57.1%	4,233	-47.1%	24,916	28,961	-14.0%
GBP/USD WKLY FRIDAY OPTION	1,459	2,429	-39.9%	5,630	-74.1%	28,481	29,193	-2.4%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	3,793	-100.0%	8,212	12,186	-32.6%
GBP/USD WKLY WED OPTIONS -	651	904	-28.0%	1,250	-47.9%	9,888	13,573	-27.1%
GBP/USD WKLY WED OPTIONS -	108	253	-57.3%	1,083	-90.0%	5,670	7,882	-28.1%
GBP/USD WKLY WED OPTIONS -	809	500	61.8%	653	23.9%	5,597	12,749	-56.1%
GBP/USD WKLY WED OPTIONS -	522	466	12.0%	894	-41.6%	8,836	12,042	-26.6%

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	VOLUME AUG 2021	VOLUME AUG 2020	% CHG	VOIUME JUL 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
FX Options								
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	1,901	5,534	-65.6%
JPY/USD MONDAY OPTION WEE	0	0	0.0%	710	-100.0%	3,096	5,959	-48.0%
JPY/USD MONDAY OPTION WEE	1,376	1,944	-29.2%	805	70.9%	4,290	11,423	-62.4%
JPY/USD MONDAY OPTION WEE	879	1,558	-43.6%	776	13.3%	3,481	6,362	-45.3%
JPY/USD MONDAY OPTION WEE	369	764	-51.7%	519	-28.9%	1,912	3,113	-38.6%
JPY/USD MONDAY OPTION WEE	2,384	1,290	84.8%	0	0.0%	2,697	2,653	1.7%
JPY/USD MONTHLY OPTIONS	77,249	79,956	-3.4%	103,260	-25.2%	676,985	1,048,924	-35.5%
JPY/USD WKLY FRIDAY OPTION	10	0	0.0%	1,619	-99.4%	21,527	6,089	253.5%
JPY/USD WKLY FRIDAY OPTION	8,257	9,382	-12.0%	1,287	541.6%	44,603	101,384	-56.0%
JPY/USD WKLY FRIDAY OPTION	7,399	8,370	-11.6%	13,305	-44.4%	76,209	104,101	-26.8%
JPY/USD WKLY FRIDAY OPTION	12,454	6,859	81.6%	9,376	32.8%	70,584	97,067	-27.3%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	8,447	-100.0%	25,004	36,879	-32.2%
JPY/USD WKLY WED OPTIONS -	2,709	3,020	-10.3%	3,004	-9.8%	20,009	43,935	-54.5%
JPY/USD WKLY WED OPTIONS -	3,186	3,774	-15.6%	7,434	-57.1%	27,792	36,617	-24.1%
JPY/USD WKLY WED OPTIONS -	3,002	4,001	-25.0%	7,440	-59.7%	28,413	40,873	-30.5%
JPY/USD WKLY WED OPTIONS -	3,336	3,875	-13.9%	3,319	0.5%	22,875	44,304	-48.4%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	7,541	10,291	-26.7%
MXN/USD MONTHLY OPTIONS	923	941	-1.9%	636	45.1%	7,931	13,082	-39.4%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTION	0	1,384	-100.0%	0	0.0%	604	1,609	-62.5%
MXN/USD WKLY FRIDAY OPTION	0	895	-100.0%	0	0.0%	552	1,898	-70.9%
MXN/USD WKLY FRIDAY OPTION	0	417	-100.0%	0	0.0%	331	1,600	-79.3%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	152	-100.0%
NZD/USD MONTHLY OPTIONS	42	84	-50.0%	494	-91.5%	1,479	4,635	-68.1%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	50	-100.0%
NZD/USD WKLY FRIDAY OPTION	12	0	0.0%	0	-	12	0	0.0%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	375	-100.0%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	-	0	0.0%	68	0	-
Foreign Exchange Futures								
CHILEAN PESO	0	0	0.0%	0	-	0	0	0.0%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	277	769	-64.0%	516	-46.3%	4,311	7,424	-41.9%

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	VOLUME AUG 2021	VOLUME AUG 2020	% CHG	VOIUME JUL 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Ag Products Futures								
BLOCK CHEESE	753	207	263.8%	828	-9.1%	7,030	2,146	227.6%
BUTTER CS	3,472	5,476	-36.6%	3,407	1.9%	34,099	49,812	-31.5%
CASH-SETTLED CHEESE	11,100	13,174	-15.7%	13,322	-16.7%	96,235	109,410	-12.0%
CAT ASIA WEATHER	0	0	0.0%	0	0.0%	1,200	7,800	-84.6%
CATTLE	1,115,845	1,120,457	-0.4%	1,201,629	-7.1%	9,458,084	11,450,169	-17.4%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0.0%	500	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	6,275	750	736.7%
CDD WEATHER	850	950	-10.5%	1,600	-46.9%	9,225	9,550	-3.4%
CLASS IV MILK	1,688	1,707	-1.1%	787	114.5%	7,621	23,115	-67.0%
DRY WHEY	933	1,451	-35.7%	1,346	-30.7%	17,368	11,657	49.0%
FEEDER CATTLE	314,469	268,779	17.0%	260,875	20.5%	1,999,543	2,203,472	-9.3%
GOLDMAN SACHS	4,116	12,494	-67.1%	4,741	-13.2%	80,235	125,152	-35.9%
GSCI EXCESS RETURN FUT	1,617	1,360	18.9%	2,871	-43.7%	261,778	187,836	39.4%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	-	0	0	0.0%
HDD WEATHER	150	0	0.0%	0	0.0%	11,500	6,825	68.5%
HDD WEATHER EUROPEAN	0	0	0.0%	3,000	-100.0%	4,600	1,000	360.0%
HOGS	786,120	750,534	4.7%	1,017,526	-22.7%	7,841,748	8,750,383	-10.4%
HOUSING INDEX	20	18	11.1%	4	400.0%	96	243	-60.5%
LUMBER	8,470	24,128	-64.9%	11,012	-23.1%	84,777	114,195	-25.8%
MALAYSIAN PALM SWAP	2,300	1,740	32.2%	12,620	-81.8%	79,656	24,110	230.4%
MILK	25,672	37,938	-32.3%	24,560	4.5%	192,737	292,196	-34.0%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	4,405	5,816	-24.3%	4,650	-5.3%	45,154	71,617	-37.0%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	1,300	-100.0%
PORK CUTOUT	975	0	-	1,484	-34.3%	21,788	0	-
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	4,004	15,048	-73.4%
USD CRUDE PALM OIL	4,317	2,401	79.8%	4,619	-6.5%	39,558	23,020	71.8%

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	VOLUME AUG 2021	VOLUME AUG 2020	% CHG	VOIUME JUL 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Ag Products Options								
BLOCK CHEESE	237	370	-35.9%	240	-1.2%	2,547	7,474	-65.9%
BUTTER CS	423	877	-51.8%	836	-49.4%	16,577	26,225	-36.8%
CASH-SETTLED CHEESE	3,831	12,327	-68.9%	4,821	-20.5%	58,136	95,583	-39.2%
CATTLE	188,236	185,956	1.2%	152,651	23.3%	1,501,279	1,931,803	-22.3%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	8,450	2,000	322.5%
CDD WEATHER	1,000	0	-	2,500	-60.0%	6,250	0	-
CLASS IV MILK	3,094	2,051	50.9%	4,115	-24.8%	25,885	43,548	-40.6%
DRY WHEY	69	35	97.1%	167	-58.7%	1,654	4,271	-61.3%
FEEDER CATTLE	21,039	23,338	-9.9%	18,130	16.0%	170,543	214,989	-20.7%
HDD EURO SEASONAL STRIP	500	0	0.0%	0	0.0%	500	0	0.0%
HDD SEASONAL STRIP	6,000	0	0.0%	0	0.0%	11,000	0	0.0%
HDD WEATHER	0	0	0.0%	0	0.0%	6,250	0	0.0%
HDD WEATHER EUROPEAN	0	0	-	0	0.0%	1,250	0	-
HOGS	194,061	187,206	3.7%	213,252	-9.0%	1,624,362	2,243,478	-27.6%
HOUSING INDEX	0	0	0.0%	0	0.0%	0	0	0.0%
LUMBER	430	1,268	-66.1%	585	-26.5%	6,210	7,614	-18.4%
LV CATL CSO	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	20,858	35,030	-40.5%	22,766	-8.4%	206,016	404,450	-49.1%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	11	117	-90.6%
NFD MILK	1,839	3,425	-46.3%	3,640	-49.5%	35,139	68,974	-49.1%
PORK CUTOUT	1	0	-	1	0.0%	739	0	-

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	VOLUME AUG 2021	VOLUME AUG 2020	% CHG	VOIUME JUL 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	43,661,201	30,012,615	45.5%	50,642,730	-13.8%	415,067,778	393,512,092	5.5%
Equity Index Futures	73,166,883	69,845,773	4.8%	79,874,420	-8.4%	717,486,963	761,483,165	-5.8%
FX Futures	12,988,222	14,685,468	-11.6%	14,581,938	-10.9%	123,655,609	137,136,183	-9.8%
Foreign Exchange Futures	0	0	0.0%	0	-	0	0	0.0%
Ag Products Futures	2,287,272	2,248,630	1.7%	2,570,881	-11.0%	20,304,811	23,480,806	-13.5%
TOTAL FUTURES	132,103,578	116,792,486	13.1%	147,669,969	-10.5%	1,276,515,161	1,315,612,246	-3.0%
TOTAL OPTIONS GROUP								
Equity Index Options	13,991,269	11,898,641	17.6%	14,545,689	-3.8%	108,148,672	127,583,618	-15.2%
Interest Rate Options	17,907,021	8,324,123	115.1%	21,225,882	-15.6%	167,562,905	228,435,668	-26.6%
FX Options	745,352	620,758	20.1%	858,425	-13.2%	5,935,495	7,358,259	-19.3%
Ag Products Options	441,618	451,883	-2.3%	423,704	4.2%	3,682,798	5,050,526	-27.1%
Foreign Exchange Options	277	769	-64.0%	516	-46.3%	4,311	7,424	-41.9%
TOTAL OPTIONS	33,085,537	21,296,174	55.4%	37,054,216	-10.7%	285,334,181	368,435,495	-22.6%
TOTAL COMBINED								
Interest Rate	61,568,222	38,336,738	60.6%	71,868,612	-14.3%	582,630,683	621,947,760	-6.3%
Equity Index	87,158,152	81,744,414	6.6%	94,420,109	-7.7%	825,635,635	889,066,783	-7.1%
FX	13,733,574	15,306,226	-10.3%	15,440,363	-11.1%	129,591,104	144,494,442	-10.3%
Foreign Exchange	277	769	-64.0%	516	-46.3%	4,311	7,424	-41.9%
Ag Products	2,728,890	2,700,513	1.1%	2,994,585	-8.9%	23,987,609	28,531,332	-15.9%
GRAND TOTAL	165,189,115	138,088,660	19.6%	184,724,185	-10.6%	1,561,849,342	1,684,047,741	-7.3%