



## CME Exchange Volume Report - Monthly

	VOLUME OCT 2019	VOLUME OCT 2018	% CHG	VOLUME SEP 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
<b>Interest Rate Futures</b>								
1-MONTH EURODOLLAR	0	0	0.0%	9	-100.0%	404	31,742	-98.7%
EURODOLLARS	53,025,644	72,841,873	-27.2%	52,788,600	0.4%	614,226,588	634,288,868	-3.2%
SOFR	1,015,076	184,935	448.9%	1,168,977	-13.2%	7,407,013	550,772	1,244.8%
SONIA	188,719	61,399	207.4%	165,858	13.8%	1,806,989	61,399	2,843.0%
<b>Interest Rate Options</b>								
EURODOLLARS	21,787,637	16,903,021	28.9%	22,534,314	-3.3%	248,602,669	148,975,232	66.9%
EURO MIDCURVE	9,381,754	16,483,664	-43.1%	8,000,624	17.3%	132,472,275	152,290,332	-13.0%

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<b>Equity Index Futures</b>								
BITCOIN FUTURES	93,613	57,157	63.8%	101,454	-7.7%	1,388,983	717,488	93.6%
E-MINI COM SERVICES SELECT	1,276	3,639	-64.9%	17,956	-92.9%	64,449	4,982	1,193.6%
E-mini FTSE 100 (USD)	0	1,827	-100.0%	0	0.0%	336	14,232	-97.6%
E-mini FTSE China 50	0	986	-100.0%	0	0.0%	711	10,751	-93.4%
E-MINI MIDCAP	278,563	531,815	-47.6%	448,052	-37.8%	3,387,348	3,973,514	-14.8%
E-MINI NASDAQ 100	9,475,366	16,683,991	-43.2%	9,556,826	-0.9%	100,141,985	96,444,520	3.8%
E-MINI RUSSELL 1000	2,746	13,662	-79.9%	22,755	-87.9%	89,806	145,417	-38.2%
E-MINI RUSSELL 1000 GROWTH	2,055	11,057	-81.4%	10,690	-80.8%	56,055	110,782	-49.4%
E-MINI RUSSELL 1000 VALUE	7,580	14,104	-46.3%	21,857	-65.3%	143,445	152,212	-5.8%
E-MINI RUSSELL 2000	2,722,754	4,300,224	-36.7%	4,202,031	-35.2%	31,052,380	29,798,036	4.2%
E-MINI S&P500	31,054,648	53,155,609	-41.6%	35,369,852	-12.2%	336,956,278	354,975,284	-5.1%
E-MINI S&P REAL ESTATE SELE	15,305	6,652	130.1%	12,533	22.1%	62,431	74,992	-16.7%
FT-SE 100	0	1,390	-100.0%	0	0.0%	372	12,645	-97.1%
FTSE Emerging	2,112	817	158.5%	2,637	-19.9%	21,400	5,051	323.7%
IBOVESPA INDEX	994	1,878	-47.1%	956	4.0%	6,986	12,147	-42.5%
MICRO E-MINI NASDAQ 100	4,776,826	0	-	3,702,224	29.0%	25,468,538	0	-
MICRO E-MINI RUSSELL 2000	765,506	0	-	633,799	20.8%	3,966,739	0	-
MICRO E-MINI S&P500	6,462,781	0	-	5,328,816	21.3%	35,256,476	0	-
NASDAQ BIOTECH	371	0	0.0%	1,217	-69.5%	3,992	6,760	-40.9%
Nearby BTIC+	24	0	-	0	-	24	0	-
NIFTY 50	0	0	0.0%	0	0.0%	0	54,444	-100.0%
NIKKEI 225 (\$) STOCK	197,004	402,168	-51.0%	257,971	-23.6%	2,237,911	3,166,708	-29.3%
NIKKEI 225 (YEN) STOCK	878,117	1,306,773	-32.8%	872,492	0.6%	8,299,162	8,991,444	-7.7%
S&P 500	74,082	127,769	-42.0%	164,309	-54.9%	1,024,274	1,412,377	-27.5%
S&P 500 ANNUAL DIVIDEND IND	38,670	43,633	-11.4%	36,001	7.4%	261,706	148,018	76.8%
S&P 500/GI	0	0	0.0%	20	-100.0%	60	73	-17.8%
S&P 500 QUARLY DIVIDEND IND	621	0	0.0%	260	138.8%	2,322	682	240.5%
S&P 600 SMALLCAP EMINI	62	0	0.0%	1,692	-96.3%	2,954	1	295,300.0%
S&P CONSUMER DSCRNTNRY SE	6,075	39,769	-84.7%	12,241	-50.4%	88,205	193,698	-54.5%
S&P CONSUMER STAPLES SECT	11,974	29,011	-58.7%	35,590	-66.4%	199,666	255,118	-21.7%
S&P ENERGY SECTOR	14,825	42,773	-65.3%	28,218	-47.5%	182,840	344,542	-46.9%
S&P FINANCIAL SECTOR	20,157	72,666	-72.3%	53,989	-62.7%	332,653	521,578	-36.2%
S&P HEALTH CARE SECTOR	12,411	27,354	-54.6%	45,180	-72.5%	204,266	186,268	9.7%
S&P INDUSTRIAL SECTOR	10,407	30,580	-66.0%	22,133	-53.0%	131,889	178,994	-26.3%
S&P MATERIALS SECTOR	14,251	20,629	-30.9%	8,128	75.3%	106,463	126,467	-15.8%
S&P TECHNOLOGY SECTOR	11,890	95,133	-87.5%	26,575	-55.3%	154,499	339,191	-54.5%
S&P UTILITIES SECTOR	15,161	53,671	-71.8%	61,328	-75.3%	315,445	416,626	-24.3%
S&P VALUE INDEX FUTURES	0	0	0.0%	24	-100.0%	72	80	-10.0%
YEN DENOMINATED TOPIX	21,982	844	2,504.5%	18,655	17.8%	191,751	5,137	3,632.7%



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<b>Equity Index Options</b>								
E-MINI NASDAQ 100	204,997	320,771	-36.1%	183,264	11.9%	2,099,246	2,433,924	-13.8%
E-MINI RUSSELL 2000	21,801	16,701	30.5%	23,441	-7.0%	154,424	132,143	16.9%
E-MINI S&P500	6,028,328	7,343,010	-17.9%	6,192,029	-2.6%	55,071,393	58,469,128	-5.8%
EOM E-MINI RUSSELL 2000 END	6,445	7,063	-8.7%	9,150	-29.6%	87,620	63,859	37.2%
EOM EMINI S&P	1,886,967	3,963,261	-52.4%	1,656,695	13.9%	19,577,865	26,659,621	-26.6%
EOM S&P 500	75,688	163,092	-53.6%	72,441	4.5%	1,167,165	1,835,561	-36.4%
EOW1 E-MINI RUSSELL 2000 WE	1,558	3,421	-54.5%	1,374	13.4%	15,521	20,919	-25.8%
EOW1 E-MINI RUSSELL 2000 WE	1,657	3,155	-47.5%	2,582	-35.8%	19,670	26,123	-24.7%
EOW1 EMINI S&P 500	1,259,786	1,565,202	-19.5%	1,020,536	23.4%	10,175,178	11,223,203	-9.3%
EOW1 S&P 500	104,205	108,826	-4.2%	97,437	6.9%	738,544	850,211	-13.1%
EOW2 E-MINI RUSSELL 2000 WE	4,232	6,050	-30.0%	7,069	-40.1%	50,996	49,985	2.0%
EOW2 EMINI S&P 500	1,247,329	2,033,459	-38.7%	956,457	30.4%	10,282,507	13,018,274	-21.0%
EOW2 S&P 500	157,123	244,917	-35.8%	157,872	-0.5%	1,294,691	1,591,615	-18.7%
EOW3 E-MINI RUSSELL 2000 WE	34,711	19,322	79.6%	25,267	37.4%	152,099	193,526	-21.4%
EOW3 EMINI S&P 500	3,337,079	6,329,971	-47.3%	1,873,687	78.1%	24,264,379	37,235,929	-34.8%
EOW3 S&P 500	170,528	244,449	-30.2%	58,476	191.6%	1,282,142	2,795,781	-54.1%
EOW4 E-MINI RUSSELL 2000 WE	2,895	7,240	-60.0%	4,619	-37.3%	32,966	53,258	-38.1%
EOW4 EMINI S&P 500	818,169	1,865,379	-56.1%	938,427	-12.8%	8,624,634	11,429,053	-24.5%
S&P 500	170,227	326,012	-47.8%	282,369	-39.7%	2,315,997	3,054,869	-24.2%

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<b>FX Futures</b>								
AD/CD CROSS RATES	9	0	0.0%	16	-43.8%	142	57	149.1%
AD/JY CROSS RATES	2,274	3,143	-27.6%	2,472	-8.0%	29,551	43,201	-31.6%
AD/NE CROSS RATES	486	34	1,329.4%	695	-30.1%	2,136	733	191.4%
AUSTRALIAN DOLLAR	2,075,030	2,225,324	-6.8%	2,105,097	-1.4%	21,127,296	23,681,728	-10.8%
BDI	0	0	0.0%	0	-	0	0	0.0%
BP/JY CROSS RATES	3,115	2,619	18.9%	6,159	-49.4%	32,376	32,411	-0.1%
BP/SF CROSS RATES	349	327	6.7%	252	38.5%	4,143	3,681	12.6%
BRAZIL REAL	258,177	140,785	83.4%	194,781	32.5%	1,684,620	1,455,602	15.7%
BRITISH POUND	3,406,726	2,407,635	41.5%	3,177,587	7.2%	25,567,278	27,010,991	-5.3%
CANADIAN DOLLAR	1,886,098	1,667,478	13.1%	1,931,948	-2.4%	16,722,897	17,488,046	-4.4%
CD/JY CROSS RATES	4	100	-96.0%	1	300.0%	131	1,389	-90.6%
CHINESE RENMINBI (CNH)	28,190	18,250	54.5%	34,786	-19.0%	283,095	77,674	264.5%
CZECK KORUNA (EC)	0	0	0.0%	12	-100.0%	30	6	400.0%
CZECK KORUNA (US)	0	0	0.0%	0	0.0%	0	72	-100.0%
EC/AD CROSS RATES	3,288	1,860	76.8%	7,149	-54.0%	50,702	24,145	110.0%
EC/CD CROSS RATES	2,094	1,283	63.2%	7,114	-70.6%	32,692	36,105	-9.5%
EC/NOK CROSS RATES	801	235	240.9%	972	-17.6%	6,671	3,992	67.1%
EC/SEK CROSS RATES	305	137	122.6%	1,750	-82.6%	7,920	7,980	-0.8%
EFX/BP CROSS RATES	120,330	62,402	92.8%	153,610	-21.7%	1,004,797	868,196	15.7%
EFX/JY CROSS RATES	67,338	66,120	1.8%	136,207	-50.6%	729,404	877,739	-16.9%
EFX/SF CROSS RATES	29,160	28,561	2.1%	60,695	-52.0%	363,442	310,168	17.2%
E-MICRO AUD/USD	90,026	110,881	-18.8%	67,895	32.6%	1,051,265	1,078,769	-2.5%
E-MICRO CAD/USD	17,886	14,438	23.9%	16,522	8.3%	172,232	173,848	-0.9%
E-MICRO CHF/USD	5,053	1,493	238.4%	3,795	33.1%	30,913	14,786	109.1%
E-MICRO EUR/USD	187,914	347,754	-46.0%	201,254	-6.6%	2,347,180	3,712,638	-36.8%
E-MICRO GBP/USD	131,981	27,588	378.4%	53,918	144.8%	528,900	455,857	16.0%
E-MICRO INR/USD	4,361	7,832	-44.3%	4,812	-9.4%	49,363	48,684	1.4%
E-MICRO JPY/USD	24,546	31,270	-21.5%	25,717	-4.6%	286,883	306,829	-6.5%
E-MINI EURO FX	73,328	95,775	-23.4%	109,376	-33.0%	954,596	1,037,411	-8.0%
E-MINI JAPANESE YEN	21,977	14,586	50.7%	21,019	4.6%	173,419	131,995	31.4%
EURO FX	3,891,268	5,418,991	-28.2%	5,715,180	-31.9%	43,788,261	58,804,714	-25.5%
HUNGARIAN FORINT (EC)	0	40	-100.0%	0	0.0%	0	58	-100.0%
HUNGARIAN FORINT (US)	20	74	-73.0%	1	1,900.0%	29	577	-95.0%
INDIAN RUPEE	35,772	126,243	-71.7%	81,273	-56.0%	689,567	911,458	-24.3%
JAPANESE YEN	2,562,401	3,624,043	-29.3%	2,995,407	-14.5%	27,202,674	30,966,450	-12.2%
KOREAN WON	400	977	-59.1%	2,180	-81.7%	8,325	5,041	65.1%
MEXICAN PESO	1,163,228	1,507,449	-22.8%	1,381,118	-15.8%	12,712,703	14,397,965	-11.7%
NEW ZEALND DOLLAR	513,473	506,741	1.3%	632,375	-18.8%	5,763,651	6,319,727	-8.8%
NKR/USD CROSS RATE	4,609	7,501	-38.6%	8,942	-48.5%	54,719	55,381	-1.2%
POLISH ZLOTY (EC)	12	12	0.0%	22	-45.5%	502	186	169.9%
POLISH ZLOTY (US)	165	170	-2.9%	349	-52.7%	1,453	1,026	41.6%
RMB USD	1	2	-50.0%	1	0.0%	8	25	-68.0%
RUSSIAN RUBLE	50,392	42,883	17.5%	182,647	-72.4%	862,126	602,108	43.2%
S.AFRICAN RAND	69,562	35,283	97.2%	80,667	-13.8%	562,106	479,083	17.3%
SF/JY CROSS RATES	14	0	0.0%	4	250.0%	25	199	-87.4%
SHEKEL	13	13	0.0%	0	0.0%	13	2,610	-99.5%
SKR/USD CROSS RATES	3,410	7,303	-53.3%	6,512	-47.6%	35,852	52,458	-31.7%
SWISS FRANC	645,575	564,462	14.4%	725,446	-11.0%	5,808,307	6,125,687	-5.2%
TURKISH LIRA	72	1,278	-94.4%	3,499	-97.9%	11,810	36,448	-67.6%
USDZAR	0	10	-100.0%	0	0.0%	20	15	33.3%

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<b>FX Options</b>								
AUD/USD MONTHLY OPTIONS	89,994	85,323	5.5%	72,234	24.6%	705,847	868,290	-18.7%
AUD/USD WKLY FRIDAY OPTION	6,746	11,211	-39.8%	0	0.0%	21,362	43,476	-50.9%
AUD/USD WKLY FRIDAY OPTION	5,220	6,983	-25.2%	5,858	-10.9%	59,739	68,411	-12.7%
AUD/USD WKLY FRIDAY OPTION	9,981	8,302	20.2%	3,945	153.0%	65,996	99,891	-33.9%
AUD/USD WKLY FRIDAY OPTION	6,603	9,003	-26.7%	4,091	61.4%	67,824	107,192	-36.7%
AUD/USD WKLY FRIDAY OPTION	505	655	-22.9%	0	0.0%	16,540	28,941	-42.8%
AUD/USD WKLY WED OPTIONS -	1,338	919	45.6%	1,571	-14.8%	17,212	28,221	-39.0%
AUD/USD WKLY WED OPTIONS -	1,102	2,646	-58.4%	1,273	-13.4%	17,241	24,571	-29.8%
AUD/USD WKLY WED OPTIONS -	1,026	797	28.7%	881	16.5%	8,138	13,558	-40.0%
AUD/USD WKLY WED OPTIONS -	1,478	2,598	-43.1%	1,723	-14.2%	13,265	22,274	-40.4%
AUD/USD WKLY WED OPTIONS -	1,363	1,421	-4.1%	0	0.0%	5,187	8,973	-42.2%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	-	0	0	0.0%
AUSTRALIAN DOLLAR	0	0	0.0%	0	-	0	0	0.0%
BRITISH POUND	0	0	0.0%	0	-	0	0	0.0%
BRITISH POUND (EU)	0	2	-100.0%	0	0.0%	0	277	-100.0%
BRL/USD MONTHLY OPTIONS	332	0	-	260	27.7%	728	0	-
CAD/USD MONTHLY OPTIONS	57,451	76,735	-25.1%	46,971	22.3%	528,505	878,630	-39.8%
CAD/USD WKLY FRIDAY OPTION	8,559	17,296	-50.5%	41	20,775.6%	35,572	62,814	-43.4%
CAD/USD WKLY FRIDAY OPTION	3,921	10,163	-61.4%	7,335	-46.5%	66,138	125,774	-47.4%
CAD/USD WKLY FRIDAY OPTION	10,314	17,921	-42.4%	8,553	20.6%	95,167	181,280	-47.5%
CAD/USD WKLY FRIDAY OPTION	10,298	22,760	-54.8%	6,140	67.7%	103,083	167,813	-38.6%
CAD/USD WKLY FRIDAY OPTION	799	305	162.0%	0	0.0%	24,364	54,371	-55.2%
CAD/USD WKLY WED OPTIONS -	3,650	2,701	35.1%	990	268.7%	29,376	35,447	-17.1%
CAD/USD WKLY WED OPTIONS -	2,783	3,356	-17.1%	4,088	-31.9%	33,331	36,314	-8.2%
CAD/USD WKLY WED OPTIONS -	2,837	5,140	-44.8%	3,323	-14.6%	30,968	40,800	-24.1%
CAD/USD WKLY WED OPTIONS -	2,745	6,618	-58.5%	1,837	49.4%	27,274	39,876	-31.6%
CAD/USD WKLY WED OPTIONS -	3,331	4,806	-30.7%	0	0.0%	10,464	20,940	-50.0%
CANADIAN DOLLAR	0	0	0.0%	0	-	0	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	0.0%	0	63	-100.0%
CHF/USD MONTHLY OPTIONS	4,819	2,590	86.1%	2,854	68.9%	26,451	24,457	8.2%
CHF/USD WKLY FRIDAY OPTION	19	151	-87.4%	50	-62.0%	186	222	-16.2%
CHF/USD WKLY FRIDAY OPTION	301	5	5,920.0%	219	37.4%	2,357	756	211.8%
CHF/USD WKLY FRIDAY OPTION	117	12	875.0%	229	-48.9%	1,765	919	92.1%
CHF/USD WKLY FRIDAY OPTION	484	62	680.6%	218	122.0%	1,477	1,801	-18.0%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	613	712	-13.9%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	0.0%	74	0	-
EUR/JPY MONTHLY OPTIONS	0	0	0.0%	0	0.0%	0	2,870	-100.0%
EURO FX	0	0	0.0%	0	-	0	0	0.0%
EURO FX (EU)	0	0	0.0%	0	0.0%	0	59	-100.0%
EUR/USD MONTHLY OPTIONS	266,022	424,881	-37.4%	367,589	-27.6%	3,654,257	5,226,974	-30.1%
EUR/USD WKLY FRIDAY OPTION	23,039	42,446	-45.7%	103	22,268.0%	113,579	273,230	-58.4%
EUR/USD WKLY FRIDAY OPTION	14,090	30,935	-54.5%	41,228	-65.8%	266,822	330,270	-19.2%
EUR/USD WKLY FRIDAY OPTION	29,726	52,577	-43.5%	36,760	-19.1%	308,860	506,029	-39.0%
EUR/USD WKLY FRIDAY OPTION	22,416	47,045	-52.4%	25,002	-10.3%	350,479	520,791	-32.7%
EUR/USD WKLY FRIDAY OPTION	1,342	594	125.9%	0	0.0%	82,791	125,268	-33.9%
EUR/USD WKLY WED OPTIONS -	7,050	9,508	-25.9%	14,828	-52.5%	128,985	127,660	1.0%
EUR/USD WKLY WED OPTIONS -	7,880	14,256	-44.7%	12,280	-35.8%	128,373	120,255	6.8%
EUR/USD WKLY WED OPTIONS -	11,223	12,459	-9.9%	21,431	-47.6%	130,705	119,057	9.8%
EUR/USD WKLY WED OPTIONS -	17,744	15,716	12.9%	15,758	12.6%	144,531	139,655	3.5%
EUR/USD WKLY WED OPTIONS -	9,230	18,190	-49.3%	0	0.0%	41,085	66,146	-37.9%
GBP/USD MONTHLY OPTIONS	174,976	231,264	-24.3%	138,038	26.8%	1,296,104	1,821,261	-28.8%
GBP/USD WKLY FRIDAY OPTION	6,048	14,134	-57.2%	32	18,800.0%	32,880	68,392	-51.9%

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## CME Exchange Volume Report - Monthly

	VOLUME OCT 2019	VOLUME OCT 2018	% CHG	VOLUME SEP 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
<b>FX Options</b>								
GBP/USD WKLY FRIDAY OPTION	8,591	17,129	-49.8%	8,372	2.6%	68,359	131,178	-47.9%
GBP/USD WKLY FRIDAY OPTION	28,044	20,575	36.3%	8,215	241.4%	97,675	195,791	-50.1%
GBP/USD WKLY FRIDAY OPTION	25,437	22,361	13.8%	5,299	380.0%	90,754	205,554	-55.8%
GBP/USD WKLY FRIDAY OPTION	437	679	-35.6%	0	0.0%	28,200	48,394	-41.7%
GBP/USD WKLY WED OPTIONS -	2,262	3,814	-40.7%	958	136.1%	25,037	33,881	-26.1%
GBP/USD WKLY WED OPTIONS -	4,494	3,537	27.1%	1,514	196.8%	28,043	40,939	-31.5%
GBP/USD WKLY WED OPTIONS -	2,189	10,213	-78.6%	1,797	21.8%	27,543	47,847	-42.4%
GBP/USD WKLY WED OPTIONS -	2,502	10,758	-76.7%	1,637	52.8%	24,525	46,353	-47.1%
GBP/USD WKLY WED OPTIONS -	1,238	15,707	-92.1%	0	0.0%	9,395	33,084	-71.6%
JAPANESE YEN	0	0	0.0%	0	-	0	0	0.0%
JAPANESE YEN (EU)	0	0	0.0%	0	0.0%	0	0	0.0%
JPY/USD MONTHLY OPTIONS	135,341	181,005	-25.2%	124,355	8.8%	1,422,573	1,698,652	-16.3%
JPY/USD WKLY FRIDAY OPTION	12,250	22,615	-45.8%	0	0.0%	56,753	89,749	-36.8%
JPY/USD WKLY FRIDAY OPTION	5,721	20,898	-72.6%	12,179	-53.0%	98,165	155,298	-36.8%
JPY/USD WKLY FRIDAY OPTION	13,403	20,190	-33.6%	16,254	-17.5%	145,550	212,697	-31.6%
JPY/USD WKLY FRIDAY OPTION	8,781	29,300	-70.0%	9,268	-5.3%	140,154	233,035	-39.9%
JPY/USD WKLY FRIDAY OPTION	1,858	1,337	39.0%	0	0.0%	48,140	49,958	-3.6%
JPY/USD WKLY WED OPTIONS -	4,964	7,812	-36.5%	7,813	-36.5%	47,030	46,292	1.6%
JPY/USD WKLY WED OPTIONS -	4,869	11,020	-55.8%	4,613	5.5%	43,456	46,890	-7.3%
JPY/USD WKLY WED OPTIONS -	6,832	8,162	-16.3%	6,161	10.9%	44,035	38,498	14.4%
JPY/USD WKLY WED OPTIONS -	4,358	4,917	-11.4%	5,550	-21.5%	45,614	49,764	-8.3%
JPY/USD WKLY WED OPTIONS -	3,664	8,950	-59.1%	0	0.0%	11,387	23,891	-52.3%
MXN/USD MONTHLY OPTIONS	1,377	1,889	-27.1%	809	70.2%	14,962	19,952	-25.0%
MXN/USD WKLY FRIDAY OPTION	1,200	0	0.0%	0	-	1,200	0	0.0%
MXN/USD WKLY FRIDAY OPTION	99	0	0.0%	0	0.0%	528	205	157.6%
MXN/USD WKLY FRIDAY OPTION	0	238	-100.0%	0	0.0%	1,103	286	285.7%
MXN/USD WKLY FRIDAY OPTION	0	372	-100.0%	0	0.0%	329	632	-47.9%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD MONTHLY OPTIONS	1,474	15	9,726.7%	1,652	-10.8%	6,449	15	42,893.3%
NZD/USD WKLY FRIDAY OPTION	0	1	-100.0%	0	0.0%	0	1	-100.0%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	120	0	-
NZD/USD WKLY FRIDAY OPTION	100	0	-	0	0.0%	306	0	-
NZD/USD WKLY FRIDAY OPTION	150	0	-	0	-	150	0	-
NZD/USD WKLY FRIDAY OPTION	100	0	-	0	-	100	0	-
SWISS FRANC	0	0	0.0%	0	-	0	0	0.0%
SWISS FRANC (EU)	0	0	0.0%	0	-	0	0	0.0%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	0	3,927	-100.0%	0	0.0%	410	21,399	-98.1%
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS -	1,697	1,274	33.2%	560	203.0%	8,760	9,452	-7.3%

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## CME Exchange Volume Report - Monthly

	VOLUME OCT 2019	VOLUME OCT 2018	% CHG	VOLUME SEP 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
<b>Ag Products Futures</b>								
BUTTER CS	6,551	4,897	33.8%	3,883	68.7%	43,507	43,044	1.1%
CASH-SETTLED CHEESE	9,813	17,814	-44.9%	10,103	-2.9%	109,694	107,997	1.6%
CATTLE	1,154,927	1,397,371	-17.4%	1,539,746	-25.0%	14,264,976	13,852,068	3.0%
CAT WEATHER EUROPEAN	0	0	-	0	0.0%	3,200	0	-
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	450	600	-25.0%
CDD WEATHER	0	0	0.0%	0	0.0%	8,975	2,150	317.4%
CLASS IV MILK	1,949	1,030	89.2%	3,326	-41.4%	25,275	6,359	297.5%
DRY WHEY	1,394	2,671	-47.8%	956	45.8%	12,325	14,353	-14.1%
FEEDER CATTLE	281,320	331,588	-15.2%	301,660	-6.7%	3,130,413	3,071,228	1.9%
GOLDMAN SACHS	27,686	31,766	-12.8%	27,240	1.6%	282,700	314,900	-10.2%
GSCI EXCESS RETURN FUT	3,468	1,617	114.5%	83,259	-95.8%	313,379	349,801	-10.4%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	-	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	0	50	-100.0%
HDD WEATHER	2,400	250	860.0%	0	0.0%	4,500	9,855	-54.3%
HDD WEATHER EUROPEAN	1,750	0	0.0%	1,250	40.0%	6,000	18,000	-66.7%
HOGS	1,240,075	1,140,731	8.7%	1,456,363	-14.9%	13,500,501	11,531,181	17.1%
HOUSING INDEX	19	22	-13.6%	18	5.6%	128	89	43.8%
LUMBER	14,511	20,532	-29.3%	10,085	43.9%	138,255	190,823	-27.5%
MALAYSIAN PALM SWAP	2,080	1,080	92.6%	9,720	-78.6%	43,720	43,894	-0.4%
MILK	36,380	35,993	1.1%	35,003	3.9%	270,794	242,636	11.6%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	4,894	3,892	25.7%	6,124	-20.1%	63,298	50,006	26.6%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	7,524	-100.0%	29,918	33,838	-11.6%
USD CRUDE PALM OIL	1,210	780	55.1%	840	44.0%	11,374	7,520	51.2%
<b>Ag Products Options</b>								
BUTTER CS	2,462	2,994	-17.8%	1,678	46.7%	31,829	40,660	-21.7%
CASH-SETTLED CHEESE	9,152	13,026	-29.7%	8,916	2.6%	96,046	102,310	-6.1%
CATTLE	236,317	175,166	34.9%	229,344	3.0%	2,051,410	2,333,509	-12.1%
CAT WEATHER EUROPEAN	0	0	-	0	0.0%	2,000	0	-
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	5,000	700	614.3%
CDD WEATHER	0	0	0.0%	0	-	0	0	0.0%
CLASS IV MILK	1,829	681	168.6%	2,468	-25.9%	36,447	10,981	231.9%
DRY WHEY	517	567	-8.8%	757	-31.7%	7,807	6,483	20.4%
FEEDER CATTLE	22,335	26,070	-14.3%	21,867	2.1%	303,677	293,714	3.4%
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	9,000	-100.0%
HDD WEATHER	0	250	-100.0%	0	0.0%	0	250	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
HOGS	334,544	268,205	24.7%	334,956	-0.1%	3,679,543	2,384,314	54.3%
HOUSING INDEX	0	0	0.0%	0	0.0%	7	0	0.0%
LUMBER	1,383	2,357	-41.3%	998	38.6%	17,491	17,954	-2.6%
LV CATL CSO	0	20	-100.0%	50	-100.0%	529	302	75.2%
MILK	41,311	41,738	-1.0%	40,741	1.4%	382,930	350,221	9.3%
MLK MID OPTIONS	7	38	-81.6%	4	75.0%	225	452	-50.2%
NFD MILK	4,378	4,583	-4.5%	4,304	1.7%	62,122	49,720	24.9%

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<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	54,229,439	73,088,207	-25.8%	54,123,444	0.2%	623,440,994	634,932,781	-1.8%
Equity Index Futures	56,990,209	77,077,581	-26.1%	61,078,461	-6.7%	551,804,872	502,800,259	9.7%
FX Futures	17,381,233	19,121,385	-9.1%	20,141,234	-13.7%	170,746,225	197,645,949	-13.6%
Foreign Exchange Futures	0	3,927	-100.0%	0	0.0%	410	21,399	-98.1%
Ag Products Futures	2,790,427	2,992,034	-6.7%	3,497,100	-20.2%	32,263,382	29,890,392	7.9%
<b>TOTAL FUTURES</b>	<b>131,391,308</b>	<b>172,283,134</b>	<b>-23.7%</b>	<b>138,840,239</b>	<b>-5.4%</b>	<b>1,378,255,883</b>	<b>1,365,290,780</b>	<b>0.9%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	15,533,725	24,571,301	-36.8%	13,563,192	14.5%	137,407,037	171,136,982	-19.7%
Interest Rate Options	31,169,391	33,386,685	-6.6%	30,534,938	2.1%	381,074,944	301,265,564	26.5%
FX Options	1,110,637	1,637,980	-32.2%	1,064,179	4.4%	11,223,330	15,883,817	-29.3%
Ag Products Options	654,235	535,695	22.1%	646,083	1.3%	6,677,063	5,600,570	19.2%
Foreign Exchange Options	1,697	1,274	33.2%	560	203.0%	8,760	9,452	-7.3%
<b>TOTAL OPTIONS</b>	<b>48,469,685</b>	<b>60,132,935</b>	<b>-19.4%</b>	<b>45,808,952</b>	<b>5.8%</b>	<b>536,391,134</b>	<b>493,896,385</b>	<b>8.6%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	85,398,830	106,474,892	-19.8%	84,658,382	0.9%	1,004,515,938	936,198,345	7.3%
Equity Index	72,523,934	101,648,882	-28.7%	74,641,653	-2.8%	689,211,909	673,937,241	2.3%
FX	18,491,870	20,759,365	-10.9%	21,205,413	-12.8%	181,969,555	213,529,766	-14.8%
Foreign Exchange	1,697	5,201	-67.4%	560	203.0%	9,170	30,851	-70.3%
Ag Products	3,444,662	3,527,729	-2.4%	4,143,183	-16.9%	38,940,445	35,490,962	9.7%
<b>GRAND TOTAL</b>	<b>179,860,993</b>	<b>232,416,069</b>	<b>-22.6%</b>	<b>184,649,191</b>	<b>-2.6%</b>	<b>1,914,647,017</b>	<b>1,859,187,165</b>	<b>3.0%</b>

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