

CME Exchange ADV Report - Monthly

October 2019

Page 1 of 8

	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	0	-	0.45	-100.0%	2	150	-98.7%
EURODOLLARS	2,305,463	3,167,037.96	-27.2%	2,639,430	-12.7%	2,911,026	3,006,108	-3.2%
SOFR	44,134	8,040.65	448.9%	58,448.85	-24.5%	35,104	2,610	1244.8%
SONIA	8,205	2,669.52	207.4%	8,292.9	-1.1%	8,564	291	2843.0%
Interest Rate Options								
EURODOLLARS	947,289	734,913.96	28.9%	1,126,715.7	-15.9%	1,178,212	706,044	66.9%
EURO MIDCURVE	407,902	716,681.04	-43.1%	400,031.2	2.0%	627,831	721,755	-13.0%

CME Exchange ADV Report - Monthly

October 2019

Page 2 of 8

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Equity Index Futures								
BITCOIN FUTURES	4,070	2,485.09	63.8%	5,072.7	-19.8%	6,583	3,400	93.6%
E-MINI COM SERVICES SELECT	55	158.22	-64.9%	897.8	-93.8%	305	24	1193.6%
E-mini FTSE 100 (USD)	0	79.43	-100.0%	0	-	2	67	-97.6%
E-mini FTSE China 50	0	42.87	-100.0%	0	-	3	51	-93.4%
E-MINI MIDCAP	12,111	23,122.39	-47.6%	22,402.6	-45.9%	16,054	18,832	-14.8%
E-MINI NASDAQ 100	411,972	725,390.91	-43.2%	477,841.3	-13.8%	474,607	457,083	3.8%
E-MINI RUSSELL 1000	119	594	-79.9%	1,137.75	-89.5%	426	689	-38.2%
E-MINI RUSSELL 1000 GROWTH	89	480.74	-81.4%	534.5	-83.3%	266	525	-49.4%
E-MINI RUSSELL 1000 VALUE	330	613.22	-46.3%	1,092.85	-69.8%	680	721	-5.8%
E-MINI RUSSELL 2000	118,381	186,966.26	-36.7%	210,101.55	-43.7%	147,168	141,223	4.2%
E-MINI S&P500	1,350,202	2,311,113.43	-41.6%	1,768,492.6	-23.7%	1,596,949	1,682,347	-5.1%
E-MINI S&P REAL ESTATE SELE	665	289.22	130.1%	626.65	6.2%	296	355	-16.7%
FT-SE 100	0	60.43	-100.0%	0	-	2	60	-97.1%
FTSE Emerging	92	35.52	158.5%	131.85	-30.4%	101	24	323.7%
IBOVESPA INDEX	43	81.65	-47.1%	47.8	-9.6%	33	58	-42.5%
MICRO E-MINI NASDAQ 100	207,688	0	-	185,111.2	12.2%	120,704	0	-
MICRO E-MINI RUSSELL 2000	33,283	0	-	31,689.95	5.0%	18,800	0	-
MICRO E-MINI S&P500	280,990	0	-	266,440.8	5.5%	167,092	0	-
NASDAQ BIOTECH	16	0	-	60.85	-73.5%	19	32	-40.9%
Nearby BTIC+	1	0	-	0	-	0	0	-
NIFTY 50	0	0	-	0	-	0	258	-100.0%
NIKKEI 225 (\$) STOCK	8,565	17,485.57	-51.0%	12,898.55	-33.6%	10,606	15,008	-29.3%
NIKKEI 225 (YEN) STOCK	38,179	56,816.22	-32.8%	43,624.6	-12.5%	39,333	42,613	-7.7%
S&P 500	3,221	5,555.17	-42.0%	8,215.45	-60.8%	4,854	6,694	-27.5%
S&P 500 ANNUAL DIVIDEND IND	1,681	1,897.09	-11.4%	1,800.05	-6.6%	1,240	702	76.8%
S&P 500/GI	0	0	-	1	-100.0%	0	0	-17.8%
S&P 500 QUARLY DIVIDEND IND	27	0	-	13	107.7%	11	3	240.5%
S&P 600 SMALLCAP EMINI	3	0	-	84.6	-96.8%	14	0	297772.3%
S&P CONSUMER DSCRTNRY SE	264	1,729.09	-84.7%	612.05	-56.8%	418	918	-54.5%
S&P CONSUMER STAPLES SECT	521	1,261.35	-58.7%	1,779.5	-70.7%	946	1,209	-21.7%
S&P ENERGY SECTOR	645	1,859.7	-65.3%	1,410.9	-54.3%	867	1,633	-46.9%
S&P FINANCIAL SECTOR	876	3,159.39	-72.3%	2,699.45	-67.5%	1,577	2,472	-36.2%
S&P HEALTH CARE SECTOR	540	1,189.3	-54.6%	2,259	-76.1%	968	883	9.7%
S&P INDUSTRIAL SECTOR	452	1,329.57	-66.0%	1,106.65	-59.1%	625	848	-26.3%
S&P MATERIALS SECTOR	620	896.91	-30.9%	406.4	52.5%	505	599	-15.8%
S&P TECHNOLOGY SECTOR	517	4,136.22	-87.5%	1,328.75	-61.1%	732	1,608	-54.5%
S&P UTILITIES SECTOR	659	2,333.52	-71.8%	3,066.4	-78.5%	1,495	1,975	-24.3%
S&P VALUE INDEX FUTURES	0	0	-	1.2	-100.0%	0	0	-10.0%
YEN DENOMINATED TOPIX	956	36.7	2504.5%	932.75	2.5%	909	24	3632.7%

CME Exchange ADV Report - Monthly

October 2019

Page 3 of 8

	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Equity Index Options								
E-MINI NASDAQ 100	8,913	13,946.57	-36.1%	9,163.2	-2.7%	9,949	11,535	-13.8%
E-MINI RUSSELL 2000	948	726.13	30.5%	1,172.05	-19.1%	732	626	16.9%
E-MINI S&P500	262,101	319,261.3	-17.9%	309,601.45	-15.3%	261,002	277,105	-5.8%
EOM E-MINI RUSSELL 2000 END	280	307.09	-8.7%	457.5	-38.8%	415	303	37.2%
EOM EMINI S&P	82,042	172,315.7	-52.4%	82,834.75	-1.0%	92,786	126,349	-26.6%
EOM S&P 500	3,291	7,090.96	-53.6%	3,622.05	-9.1%	5,532	8,699	-36.4%
EOW1 E-MINI RUSSELL 2000 WE	68	148.74	-54.5%	68.7	-1.4%	74	99	-25.8%
EOW1 E-MINI RUSSELL 2000 WE	72	137.17	-47.5%	129.1	-44.2%	93	124	-24.7%
EOW1 EMINI S&P 500	54,773	68,052.26	-19.5%	51,026.8	7.3%	48,224	53,191	-9.3%
EOW1 S&P 500	4,531	4,731.57	-4.2%	4,871.85	-7.0%	3,500	4,029	-13.1%
EOW2 E-MINI RUSSELL 2000 WE	184	263.04	-30.0%	353.45	-47.9%	242	237	2.0%
EOW2 EMINI S&P 500	54,232	88,411.26	-38.7%	47,822.85	13.4%	48,732	61,698	-21.0%
EOW2 S&P 500	6,831	10,648.57	-35.8%	7,893.6	-13.5%	6,136	7,543	-18.7%
EOW3 E-MINI RUSSELL 2000 WE	1,509	840.09	79.6%	1,263.35	19.5%	721	917	-21.4%
EOW3 EMINI S&P 500	145,090	275,216.13	-47.3%	93,684.35	54.9%	114,997	176,474	-34.8%
EOW3 S&P 500	7,414	10,628.22	-30.2%	2,923.8	153.6%	6,077	13,250	-54.1%
EOW4 E-MINI RUSSELL 2000 WE	126	314.78	-60.0%	230.95	-45.5%	156	252	-38.1%
EOW4 EMINI S&P 500	35,573	81,103.43	-56.1%	46,921.35	-24.2%	40,875	54,166	-24.5%
S&P 500	7,401	14,174.43	-47.8%	14,118.45	-47.6%	10,976	14,478	-24.2%

CME Exchange ADV Report - Monthly

October 2019

Page 4 of 8

	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
FX Futures								
AD/CD CROSS RATES	0	0	-	0.8	-51.1%	1	0	149.1%
AD/JY CROSS RATES	99	136.65	-27.6%	123.6	-20.0%	140	205	-31.6%
AD/NE CROSS RATES	21	1.48	1329.4%	34.75	-39.2%	10	3	191.4%
AUSTRALIAN DOLLAR	90,219	96,753.22	-6.8%	105,254.85	-14.3%	100,129	112,236	-10.8%
BP/JY CROSS RATES	135	113.87	18.9%	307.95	-56.0%	153	154	-0.1%
BP/SF CROSS RATES	15	14.22	6.7%	12.6	20.4%	20	17	12.6%
BRAZIL REAL	11,225	6,121.09	83.4%	9,739.05	15.3%	7,984	6,899	15.7%
BRITISH POUND	148,119	104,679.78	41.5%	158,879.35	-6.8%	121,172	128,014	-5.3%
CANADIAN DOLLAR	82,004	72,499.04	13.1%	96,597.4	-15.1%	79,255	82,882	-4.4%
CD/JY CROSS RATES	0	4.35	-96.0%	0.05	247.8%	1	7	-90.6%
CHINESE RENMINBI (CNH)	1,226	793.48	54.5%	1,739.3	-29.5%	1,342	368	264.5%
CZECK KORUNA (EC)	0	0	-	0.6	-100.0%	0	0	400.7%
CZECK KORUNA (US)	0	0	-	0	-	0	0	-100.0%
EC/AD CROSS RATES	143	80.87	76.8%	357.45	-60.0%	240	114	110.0%
EC/CD CROSS RATES	91	55.78	63.2%	355.7	-74.4%	155	171	-9.5%
EC/NOK CROSS RATES	35	10.22	240.9%	48.6	-28.3%	32	19	67.1%
EC/SEK CROSS RATES	13	5.96	122.6%	87.5	-84.8%	38	38	-0.8%
EFX/BP CROSS RATES	5,232	2,713.13	92.8%	7,680.5	-31.9%	4,762	4,115	15.7%
EFX/JY CROSS RATES	2,928	2,874.78	1.8%	6,810.35	-57.0%	3,457	4,160	-16.9%
EFX/SF CROSS RATES	1,268	1,241.78	2.1%	3,034.75	-58.2%	1,722	1,470	17.2%
E-MICRO AUD/USD	3,914	4,820.91	-18.8%	3,394.75	15.3%	4,982	5,113	-2.5%
E-MICRO CAD/USD	778	627.74	23.9%	826.1	-5.9%	816	824	-0.9%
E-MICRO CHF/USD	220	64.91	238.4%	189.75	15.8%	147	70	109.1%
E-MICRO EUR/USD	8,170	15,119.74	-46.0%	10,062.7	-18.8%	11,124	17,595	-36.8%
E-MICRO GBP/USD	5,738	1,199.48	378.4%	2,695.9	112.9%	2,507	2,160	16.0%
E-MICRO INR/USD	190	340.52	-44.3%	240.6	-21.2%	234	231	1.4%
E-MICRO JPY/USD	1,067	1,359.57	-21.5%	1,285.85	-17.0%	1,360	1,454	-6.5%
E-MINI EURO FX	3,188	4,164.13	-23.4%	5,468.8	-41.7%	4,524	4,917	-8.0%
E-MINI JAPANESE YEN	956	634.17	50.7%	1,050.95	-9.1%	822	626	31.4%
EURO FX	169,186	235,608.3	-28.2%	285,759	-40.8%	207,527	278,695	-25.5%
HUNGARIAN FORINT (EC)	0	1.74	-100.0%	0	-	0	0	-100.0%
HUNGARIAN FORINT (US)	1	3.22	-73.0%	0.05	1639.0%	0	3	-95.0%
INDIAN RUPEE	1,555	5,488.83	-71.7%	4,063.65	-61.7%	3,268	4,320	-24.3%
JAPANESE YEN	111,409	157,567.09	-29.3%	149,770.35	-25.6%	128,923	146,760	-12.2%
KOREAN WON	17	42.48	-59.1%	109	-84.0%	39	24	65.1%
MEXICAN PESO	50,575	65,541.26	-22.8%	69,055.9	-26.8%	60,250	68,237	-11.7%
NEW ZEALND DOLLAR	22,325	22,032.22	1.3%	31,618.75	-29.4%	27,316	29,951	-8.8%
NKR/USD CROSS RATE	200	326.13	-38.6%	447.1	-55.2%	259	262	-1.2%
POLISH ZLOTY (EC)	1	0.52	0.0%	1.1	-52.6%	2	1	169.9%
POLISH ZLOTY (US)	7	7.39	-2.9%	17.45	-58.9%	7	5	41.6%
RMB USD	0	0.09	-50.0%	0.05	-13.0%	0	0	-68.0%
RUSSIAN RUBLE	2,191	1,864.48	17.5%	9,132.35	-76.0%	4,086	2,854	43.2%
S.AFRICAN RAND	3,024	1,534.04	97.2%	4,033.35	-25.0%	2,664	2,271	17.3%
SF/JY CROSS RATES	1	0	-	0.2	204.4%	0	1	-87.4%
SHEKEL	1	0.57	0.0%	0	-	0	12	-99.5%
SKR/USD CROSS RATES	148	317.52	-53.3%	325.6	-54.5%	170	249	-31.7%
SWISS FRANC	28,068	24,541.83	14.4%	36,272.3	-22.6%	27,528	29,032	-5.2%
TURKISH LIRA	3	55.57	-94.4%	174.95	-98.2%	56	173	-67.6%
USDZAR	0	0.43	-100.0%	0	-	0	0	33.3%

CME Exchange ADV Report - Monthly

October 2019

Page 5 of 8

	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
FX Options								
AUD/USD MONTHLY OPTIONS	3,913	3,709.7	5.5%	3,611.7	8.3%	3,345	4,115	-18.7%
AUD/USD WKLY FRIDAY OPTION	293	487.43	-39.8%	0	-	101	206	-50.9%
AUD/USD WKLY FRIDAY OPTION	227	303.61	-25.2%	292.9	-22.5%	283	324	-12.7%
AUD/USD WKLY FRIDAY OPTION	434	360.96	20.2%	197.25	120.0%	313	473	-33.9%
AUD/USD WKLY FRIDAY OPTION	287	391.43	-26.7%	204.55	40.4%	321	508	-36.7%
AUD/USD WKLY FRIDAY OPTION	22	28.48	-22.9%	0	-	78	137	-42.8%
AUD/USD WKLY WED OPTIONS -	58	39.96	45.6%	78.55	-25.9%	82	134	-39.0%
AUD/USD WKLY WED OPTIONS -	48	115.04	-58.4%	63.65	-24.7%	82	116	-29.8%
AUD/USD WKLY WED OPTIONS -	45	34.65	28.7%	44.05	1.3%	39	64	-40.0%
AUD/USD WKLY WED OPTIONS -	64	112.96	-43.1%	86.15	-25.4%	63	106	-40.4%
AUD/USD WKLY WED OPTIONS -	59	61.78	-4.1%	0	-	25	43	-42.2%
BRITISH POUND (EU)	0	0.09	-100.0%	0	-	0	1	-100.0%
BRL/USD MONTHLY OPTIONS	14	0	-	13	11.0%	3	0	-
CAD/USD MONTHLY OPTIONS	2,498	3,336.3	-25.1%	2,348.55	6.4%	2,505	4,164	-39.8%
CAD/USD WKLY FRIDAY OPTION	372	752	-50.5%	2.05	18052.7%	169	298	-43.4%
CAD/USD WKLY FRIDAY OPTION	170	441.87	-61.4%	366.75	-53.5%	313	596	-47.4%
CAD/USD WKLY FRIDAY OPTION	448	779.17	-42.4%	427.65	4.9%	451	859	-47.5%
CAD/USD WKLY FRIDAY OPTION	448	989.57	-54.8%	307	45.8%	489	795	-38.6%
CAD/USD WKLY FRIDAY OPTION	35	13.26	162.0%	0	-	115	258	-55.2%
CAD/USD WKLY WED OPTIONS -	159	117.43	35.1%	49.5	220.6%	139	168	-17.1%
CAD/USD WKLY WED OPTIONS -	121	145.91	-17.1%	204.4	-40.8%	158	172	-8.2%
CAD/USD WKLY WED OPTIONS -	123	223.48	-44.8%	166.15	-25.8%	147	193	-24.1%
CAD/USD WKLY WED OPTIONS -	119	287.74	-58.5%	91.85	29.9%	129	189	-31.6%
CAD/USD WKLY WED OPTIONS -	145	208.96	-30.7%	0	-	50	99	-50.0%
CANADIAN DOLLAR (EU)	0	0	-	0	-	0	0	-100.0%
CHF/USD MONTHLY OPTIONS	210	112.61	86.1%	142.7	46.8%	125	116	8.2%
CHF/USD WKLY FRIDAY OPTION	1	6.57	-87.4%	2.5	-67.0%	1	1	-16.2%
CHF/USD WKLY FRIDAY OPTION	13	0.22	5919.8%	10.95	19.5%	11	4	211.8%
CHF/USD WKLY FRIDAY OPTION	5	0.52	875.1%	11.45	-55.6%	8	4	92.1%
CHF/USD WKLY FRIDAY OPTION	21	2.7	680.7%	10.9	93.1%	7	9	-18.0%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-	3	3	-13.9%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	0	-
EUR/JPY MONTHLY OPTIONS	0	0	-	0	-	0	14	-100.0%
EURO FX (EU)	0	0	-	0	-	0	0	-100.0%
EUR/USD MONTHLY OPTIONS	11,566	18,473.09	-37.4%	18,379.45	-37.1%	17,319	24,772	-30.1%
EUR/USD WKLY FRIDAY OPTION	1,002	1,845.48	-45.7%	5.15	19350.4%	538	1,295	-58.4%
EUR/USD WKLY FRIDAY OPTION	613	1,345	-54.5%	2,061.4	-70.3%	1,265	1,565	-19.2%
EUR/USD WKLY FRIDAY OPTION	1,292	2,285.96	-43.5%	1,838	-29.7%	1,464	2,398	-39.0%
EUR/USD WKLY FRIDAY OPTION	975	2,045.43	-52.4%	1,250.1	-22.0%	1,661	2,468	-32.7%
EUR/USD WKLY FRIDAY OPTION	58	25.83	125.9%	0	-	392	594	-33.9%
EUR/USD WKLY WED OPTIONS -	307	413.39	-25.9%	741.4	-58.7%	611	605	1.0%
EUR/USD WKLY WED OPTIONS -	343	619.83	-44.7%	614	-44.2%	608	570	6.8%
EUR/USD WKLY WED OPTIONS -	488	541.7	-9.9%	1,071.55	-54.5%	619	564	9.8%
EUR/USD WKLY WED OPTIONS -	771	683.3	12.9%	787.9	-2.1%	685	662	3.5%
EUR/USD WKLY WED OPTIONS -	401	790.87	-49.3%	0	-	195	313	-37.9%
GBP/USD MONTHLY OPTIONS	7,608	10,054.96	-24.3%	6,901.9	10.2%	6,143	8,632	-28.8%
GBP/USD WKLY FRIDAY OPTION	263	614.52	-57.2%	1.6	16334.8%	156	324	-51.9%
GBP/USD WKLY FRIDAY OPTION	374	744.74	-49.8%	418.6	-10.8%	324	622	-47.9%
GBP/USD WKLY FRIDAY OPTION	1,219	894.57	36.3%	410.75	196.8%	463	928	-50.1%
GBP/USD WKLY FRIDAY OPTION	1,106	972.22	13.8%	264.95	317.4%	430	974	-55.8%

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CME Exchange ADV Report - Monthly

October 2019

Page 6 of 8

	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
FX Options								
GBP/USD WKLY FRIDAY OPTION	19	29.52	-35.6%	0	-	134	229	-41.7%
GBP/USD WKLY WED OPTIONS -	98	165.83	-40.7%	47.9	105.3%	119	161	-26.1%
GBP/USD WKLY WED OPTIONS -	195	153.78	27.1%	75.7	158.1%	133	194	-31.5%
GBP/USD WKLY WED OPTIONS -	95	444.04	-78.6%	89.85	5.9%	131	227	-42.4%
GBP/USD WKLY WED OPTIONS -	109	467.74	-76.7%	81.85	32.9%	116	220	-47.1%
GBP/USD WKLY WED OPTIONS -	54	682.91	-92.1%	0	-	45	157	-71.6%
JAPANESE YEN (EU)	0	0	-	0	-	0	0	-
JPY/USD MONTHLY OPTIONS	5,884	7,869.78	-25.2%	6,217.75	-5.4%	6,742	8,050	-16.3%
JPY/USD WKLY FRIDAY OPTION	533	983.26	-45.8%	0	-	269	425	-36.8%
JPY/USD WKLY FRIDAY OPTION	249	908.61	-72.6%	608.95	-59.2%	465	736	-36.8%
JPY/USD WKLY FRIDAY OPTION	583	877.83	-33.6%	812.7	-28.3%	690	1,008	-31.6%
JPY/USD WKLY FRIDAY OPTION	382	1,273.91	-70.0%	463.4	-17.6%	664	1,104	-39.9%
JPY/USD WKLY FRIDAY OPTION	81	58.13	39.0%	0	-	228	237	-3.6%
JPY/USD WKLY WED OPTIONS -	216	339.65	-36.5%	390.65	-44.8%	223	219	1.6%
JPY/USD WKLY WED OPTIONS -	212	479.13	-55.8%	230.65	-8.2%	206	222	-7.3%
JPY/USD WKLY WED OPTIONS -	297	354.87	-16.3%	308.05	-3.6%	209	182	14.4%
JPY/USD WKLY WED OPTIONS -	189	213.78	-11.4%	277.5	-31.7%	216	236	-8.3%
JPY/USD WKLY WED OPTIONS -	159	389.13	-59.1%	0	-	54	113	-52.3%
MXN/USD MONTHLY OPTIONS	60	82.13	-27.1%	40.45	48.0%	71	95	-25.0%
MXN/USD WKLY FRIDAY OPTION	52	0	-	0	-	6	0	-
MXN/USD WKLY FRIDAY OPTION	4	0	-	0	-	3	1	157.5%
MXN/USD WKLY FRIDAY OPTION	0	10.35	-100.0%	0	-	5	1	285.7%
MXN/USD WKLY FRIDAY OPTION	0	16.17	-100.0%	0	-	2	3	-47.9%
NZD/USD MONTHLY OPTIONS	64	0.65	9727.8%	82.6	-22.4%	31	0	42887.3%
NZD/USD WKLY FRIDAY OPTION	0	0.04	-100.0%	0	-	0	0	-100.0%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	1	0	-
NZD/USD WKLY FRIDAY OPTION	4	0	-	0	-	1	0	-
NZD/USD WKLY FRIDAY OPTION	7	0	-	0	-	1	0	-
NZD/USD WKLY FRIDAY OPTION	4	0	-	0	-	0	0	-
Foreign Exchange Futures								
CHILEAN PESO	0	170.74	-100.0%	0	-	2	101	-98.1%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	74	55.39	33.2%	28	163.5%	42	45	-7.3%

CME Exchange ADV Report - Monthly

October 2019

Page 7 of 8

	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Ag Products Futures								
BUTTER CS	285	212.91	33.8%	194.15	46.7%	206	204	1.1%
CASH-SETTLED CHEESE	427	774.52	-44.9%	505.15	-15.5%	520	512	1.6%
CATTLE	50,214	60,755.26	-17.4%	76,987.3	-34.8%	67,607	65,650	3.0%
CAT WEATHER EUROPEAN	0	0	-	0	-	15	0	-
CDD SEASONAL STRIP	0	0	-	0	-	2	3	-25.0%
CDD WEATHER	0	0	-	0	-	43	10	317.4%
CLASS IV MILK	85	44.78	89.2%	166.3	-49.0%	120	30	297.5%
DRY WHEY	61	116.13	-47.8%	47.8	26.8%	58	68	-14.1%
FEEDER CATTLE	12,231	14,416.87	-15.2%	15,083	-18.9%	14,836	14,556	1.9%
GOLDMAN SACHS	1,204	1,381.13	-12.8%	1,362	-11.6%	1,340	1,492	-10.2%
GSCI EXCESS RETURN FUT	151	70.3	114.5%	4,162.95	-96.4%	1,485	1,658	-10.4%
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-100.0%
HDD WEATHER	104	10.87	860.0%	0	-	21	47	-54.3%
HDD WEATHER EUROPEAN	76	0	-	62.5	21.7%	28	85	-66.7%
HOGS	53,916	49,597	8.7%	72,818.15	-26.0%	63,983	54,650	17.1%
HOUSING INDEX	1	0.96	-13.6%	0.9	-8.2%	1	0	43.8%
LUMBER	631	892.7	-29.3%	504.25	25.1%	655	904	-27.5%
MALAYSIAN PALM SWAP	90	46.96	92.6%	486	-81.4%	207	208	-0.4%
MILK	1,582	1,564.91	1.1%	1,750.15	-9.6%	1,283	1,150	11.6%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	213	169.22	25.7%	306.2	-30.5%	300	237	26.6%
S&P GSCI ENHANCED ER SWAP	0	0	-	376.2	-100.0%	142	160	-11.6%
USD CRUDE PALM OIL	53	33.91	55.1%	42	25.3%	54	36	51.3%
Ag Products Options								
BUTTER CS	107	130.17	-17.8%	83.9	27.6%	151	193	-21.7%
CASH-SETTLED CHEESE	398	566.35	-29.7%	445.8	-10.7%	455	485	-6.1%
CATTLE	10,275	7,615.91	34.9%	11,467.2	-10.4%	9,722	11,059	-12.1%
CAT WEATHER EUROPEAN	0	0	-	0	-	9	0	-
CDD SEASONAL STRIP	0	0	-	0	-	24	3	614.3%
CLASS IV MILK	80	29.61	168.6%	123.4	-35.6%	173	52	231.9%
DRY WHEY	22	24.65	-8.8%	37.85	-40.6%	37	31	20.4%
FEEDER CATTLE	971	1,133.48	-14.3%	1,093.35	-11.2%	1,439	1,392	3.4%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	43	-100.0%
HDD WEATHER	0	10.87	-100.0%	0	-	0	1	-100.0%
HOGS	14,545	11,661.09	24.7%	16,747.8	-13.2%	17,439	11,300	54.3%
HOUSING INDEX	0	0	-	0	-	0	0	-
LUMBER	60	102.48	-41.3%	49.9	20.5%	83	85	-2.6%
LV CATL CSO	0	0.87	-100.0%	2.5	-100.0%	3	1	75.2%
MILK	1,796	1,814.7	-1.0%	2,037.05	-11.8%	1,815	1,660	9.3%
MLK MID OPTIONS	0	1.65	-81.6%	0.2	52.1%	1	2	-50.2%
NFD MILK	190	199.26	-4.5%	215.2	-11.5%	294	236	24.9%

CME Exchange ADV Report - Monthly

October 2019

Page 8 of 8

	ADV OCT 2019	ADV OCT 2018	% CHG	ADV SEP 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	2,357,802	3,177,748.13	-25.8%	2,706,172.2	-12.9%	2,954,697	3,009,160	-1.8%
Equity Index Futures	2,477,835	3,351,199.17	-26.1%	3,053,923.05	-18.9%	2,615,189	2,382,940	9.7%
FX Futures	755,706	831,364.56	-9.1%	1,007,061.7	-25.0%	809,224	936,711	-13.6%
Foreign Exchange Futures	0	170.74	-100.0%	0	-	2	101	-98.1%
Ag Products Futures	121,323	130,088.43	-6.7%	174,855	-30.6%	152,907	141,661	7.9%
TOTAL FUTURES	5,712,666	7,490,571.04	-23.7%	6,942,011.95	-17.7%	6,532,018.4	6,470,572.42	0.9%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,355,191	1,451,595	-6.6%	1,526,746.9	-11.2%	1,806,042	1,427,799	26.5%
Equity Index Options	675,379	1,068,317.43	-36.8%	678,159.6	-0.4%	651,218	811,076	-19.7%
FX Options	48,289	71,216.52	-32.2%	53,208.95	-9.2%	53,191	75,279	-29.3%
Foreign Exchange Options	74	55.39	33.2%	28	163.5%	42	45	-7.3%
Ag Products Options	28,445	23,291.09	22.1%	32,304.15	-11.9%	31,645	26,543	19.2%
TOTAL OPTIONS	2,107,378	2,614,475.43	-19.4%	2,290,447.6	-8.0%	2,542,138.08	2,340,741.16	8.6%
TOTAL COMBINED								
Interest Rate	3,712,993	4,629,343.13	-19.8%	4,232,919.1	-12.3%	4,760,739	4,436,959	7.3%
Equity Index	3,153,215	4,419,516.61	-28.7%	3,732,082.65	-15.5%	3,266,407	3,194,015	2.3%
FX	803,994	902,581.09	-10.9%	1,060,270.65	-24.2%	862,415	1,011,989	-14.8%
Foreign Exchange	74	226.13	-67.4%	28	163.5%	43	146	-70.3%
Ag Products	149,768	153,379.52	-2.4%	207,159.15	-27.7%	184,552	168,204	9.7%
GRAND TOTAL	7,820,043	#####	-22.6%	9,232,459.55	-15.3%	9,074,156.48	8,811,313.58	3.0%