

CME Exchange ADV Report - Monthly

September 2019

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	ADV SEP 2019	ADV SEP 2018	% CHG	ADV AUG 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	6.05	-92.6%	9.45	-95.2%	2	169	-98.7%
EURODOLLARS	2,639,430	2,899,157.68	-9.0%	3,322,777.95	-20.6%	2,985,111	2,986,420	0.0%
SOFR	58,449	4,616.11	1166.2%	39,925	46.4%	34,000	1,946	1647.2%
SONIA	8,293	0	-	8,225.82	0.8%	8,608	0	-
Interest Rate Options								
EURODOLLARS	1,126,716	586,147.32	92.2%	1,350,419.73	-16.6%	1,206,463	702,512	71.7%
EURO MIDCURVE	400,031	748,037.37	-46.5%	485,408.95	-17.6%	654,737	722,376	-9.4%

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	ADV SEP 2019	ADV SEP 2018	% CHG	ADV AUG 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Equity Index Futures								
BITCOIN FUTURES	5,073	3,263.89	55.4%	4,536.18	11.8%	6,890	3,512	96.2%
E-MINI COM SERVICES SELECT	898	70.68	1170.2%	207.18	333.3%	336	7	4603.9%
E-mini FTSE 100 (USD)	0	48.32	-100.0%	0	-	2	66	-97.3%
E-mini FTSE China 50	0	34.58	-100.0%	0	-	4	52	-92.7%
E-MINI MIDCAP	22,403	25,346.74	-11.6%	14,917.18	50.2%	16,536	18,307	-9.7%
E-MINI NASDAQ 100	477,841	495,597.32	-3.6%	608,958.64	-21.5%	482,269	424,258	13.7%
E-MINI RUSSELL 1000	1,138	1,257.89	-9.6%	147.77	669.9%	463	701	-33.9%
E-MINI RUSSELL 1000 GROWTH	535	696.58	-23.3%	196.36	172.2%	287	530	-45.9%
E-MINI RUSSELL 1000 VALUE	1,093	1,178.47	-7.3%	530.77	105.9%	723	735	-1.6%
E-MINI RUSSELL 2000	210,102	185,121.58	13.5%	159,671.05	31.6%	150,690	135,627	11.1%
E-MINI S&P500	1,768,493	1,753,961.63	0.8%	2,032,176	-13.0%	1,627,136	1,605,424	1.4%
E-MINI S&P REAL ESTATE SELE	627	472.37	32.7%	150.45	316.5%	251	364	-31.0%
FT-SE 100	0	33.37	-100.0%	0	-	2	60	-96.7%
FTSE Emerging	132	25.37	419.7%	65.23	102.1%	103	23	355.5%
IBOVESPA INDEX	48	45.42	5.2%	41.23	15.9%	32	55	-41.6%
MICRO E-MINI NASDAQ 100	185,111	0	-	300,159.77	-38.3%	110,062	0	-
MICRO E-MINI RUSSELL 2000	31,690	0	-	45,829.05	-30.9%	17,028	0	-
MICRO E-MINI S&P500	266,441	0	-	434,248.41	-38.6%	153,158	0	-
NASDAQ BIOTECH	61	69.05	-11.9%	8.68	600.9%	19	36	-46.4%
NIFTY 50	0	0	-	0	-	0	290	-100.0%
NIKKEI 225 (\$) STOCK	12,899	14,378.95	-10.3%	12,979.45	-0.6%	10,856	14,705	-26.2%
NIKKEI 225 (YEN) STOCK	43,625	39,148.74	11.4%	55,713.23	-21.7%	39,474	40,876	-3.4%
S&P 500	8,215	11,423.32	-28.1%	4,487.86	83.1%	5,054	6,833	-26.0%
S&P 500 ANNUAL DIVIDEND IND	1,800	465	287.1%	907.41	98.4%	1,186	555	113.7%
S&P 500/GI	1	1.05	-5.0%	0	-	0	0	-17.8%
S&P 500 QUARLY DIVIDEND IND	13	6.32	105.8%	39.09	-66.7%	9	4	149.4%
S&P 600 SMALLCAP EMINI	85	0.05	160736.5%	11.77	618.6%	15	0	290145.3%
S&P CONSUMER DSCRTNRY SE	612	979.05	-37.5%	289.36	111.5%	437	819	-46.6%
S&P CONSUMER STAPLES SECT	1,780	2,355.26	-24.4%	367.64	384.0%	998	1,203	-17.0%
S&P ENERGY SECTOR	1,411	2,073.47	-32.0%	505.45	179.1%	894	1,605	-44.3%
S&P FINANCIAL SECTOR	2,699	3,984.79	-32.3%	1,131.64	138.5%	1,662	2,388	-30.4%
S&P HEALTH CARE SECTOR	2,259	2,011.21	12.3%	772.5	192.4%	1,021	845	20.7%
S&P INDUSTRIAL SECTOR	1,107	1,556.21	-28.9%	450.41	145.7%	646	789	-18.1%
S&P MATERIALS SECTOR	406	1,372.68	-70.4%	393.23	3.3%	490	563	-12.9%
S&P TECHNOLOGY SECTOR	1,329	2,680.26	-50.4%	378.23	251.3%	759	1,298	-41.6%
S&P UTILITIES SECTOR	3,066	3,365.68	-8.9%	1,074.91	185.3%	1,597	1,931	-17.3%
S&P VALUE INDEX FUTURES	1	1.26	-5.0%	0	-	0	0	-10.0%
YEN DENOMINATED TOPIX	933	23.63	3847.0%	1,182.95	-21.2%	903	23	3854.6%

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Equity Index Options								
E-MINI NASDAQ 100	9,163	9,745.05	-6.0%	13,422.86	-31.7%	10,076	11,240	-10.4%
E-MINI RUSSELL 2000	1,172	658.58	78.0%	1,136.82	3.1%	705	614	14.9%
E-MINI S&P500	309,601	258,435.05	19.8%	429,560.86	-27.9%	260,867	271,947	-4.1%
EOM E-MINI RUSSELL 2000 END	458	535.79	-14.6%	601	-23.9%	432	302	42.9%
EOM EMINI S&P	82,835	110,066.37	-24.7%	151,534.32	-45.3%	94,101	120,725	-22.1%
EOM S&P 500	3,622	8,060.11	-55.1%	5,348.36	-32.3%	5,806	8,896	-34.7%
EOW1 E-MINI RUSSELL 2000 WE	69	49	40.2%	51.05	34.6%	74	93	-20.2%
EOW1 E-MINI RUSSELL 2000 WE	129	41.05	214.5%	115.23	12.0%	96	122	-21.6%
EOW1 EMINI S&P 500	51,027	52,413.16	-2.6%	54,831.5	-6.9%	47,422	51,372	-7.7%
EOW1 S&P 500	4,872	4,544.37	7.2%	3,155.23	54.4%	3,374	3,944	-14.4%
EOW2 E-MINI RUSSELL 2000 WE	353	170.53	107.3%	200.09	76.6%	249	234	6.4%
EOW2 EMINI S&P 500	47,823	49,152.47	-2.7%	56,899.82	-16.0%	48,059	58,430	-17.7%
EOW2 S&P 500	7,894	3,655.63	115.9%	5,430.45	45.4%	6,051	7,163	-15.5%
EOW3 E-MINI RUSSELL 2000 WE	1,263	227.89	454.4%	673.68	87.5%	624	927	-32.6%
EOW3 EMINI S&P 500	93,684	96,947.63	-3.4%	139,686.77	-32.9%	111,315	164,393	-32.3%
EOW3 S&P 500	2,924	5,402.16	-45.9%	5,030.64	-41.9%	5,913	13,571	-56.4%
EOW4 E-MINI RUSSELL 2000 WE	231	10.58	2083.1%	186.95	23.5%	160	245	-34.7%
EOW4 EMINI S&P 500	46,921	3,533.53	1227.9%	59,804.41	-21.5%	41,524	50,871	-18.4%
S&P 500	14,118	16,355.53	-13.7%	13,201.91	6.9%	11,414	14,515	-21.4%

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FX Futures								
AD/CD CROSS RATES	1	0.05	1420.9%	0.36	120.0%	1	0	133.3%
AD/JY CROSS RATES	124	331.05	-62.7%	148.14	-16.6%	145	213	-31.9%
AD/NE CROSS RATES	35	1.79	1841.9%	9.64	260.6%	9	4	136.1%
AUSTRALIAN DOLLAR	105,255	125,021.32	-15.8%	85,562.05	23.0%	101,342	114,130	-11.2%
BP/JY CROSS RATES	308	171.05	80.0%	190.77	61.4%	156	158	-1.8%
BP/SF CROSS RATES	13	23.37	-46.1%	10.95	15.0%	20	18	13.1%
BRAZIL REAL	9,739	8,233.74	18.3%	11,997.41	-18.8%	7,587	6,994	8.5%
BRITISH POUND	158,879	156,546.16	1.5%	106,424.32	49.3%	117,875	130,869	-9.9%
CANADIAN DOLLAR	96,597	88,880	8.7%	75,072.64	28.7%	78,919	84,152	-6.2%
CD/JY CROSS RATES	0	0	-	0.05	9.9%	1	7	-90.1%
CHINESE RENMINBI (CNH)	1,739	1,118.95	55.4%	1,707.27	1.9%	1,356	316	329.0%
CZECK KORUNA (EC)	1	0.21	185.0%	0	-	0	0	400.3%
CZECK KORUNA (US)	0	0	-	0	-	0	0	-100.0%
EC/AD CROSS RATES	357	334.32	6.9%	134.91	165.0%	252	119	112.8%
EC/CD CROSS RATES	356	355.95	-0.1%	74.45	377.7%	163	185	-12.1%
EC/NOK CROSS RATES	49	40.63	19.6%	32.82	48.1%	31	20	56.2%
EC/SEK CROSS RATES	88	87.16	0.4%	11.86	637.6%	41	42	-2.9%
EFX/BP CROSS RATES	7,681	8,131.42	-5.5%	3,526.59	117.8%	4,705	4,286	9.8%
EFX/JY CROSS RATES	6,810	6,853.53	-0.6%	3,004.64	126.7%	3,522	4,317	-18.4%
EFX/SF CROSS RATES	3,035	2,832.42	7.1%	1,449.14	109.4%	1,778	1,498	18.7%
E-MICRO AUD/USD	3,395	6,399.21	-47.0%	4,548.95	-25.4%	5,113	5,148	-0.7%
E-MICRO CAD/USD	826	721.63	14.5%	867.45	-4.8%	821	848	-3.2%
E-MICRO CHF/USD	190	105	80.7%	276.55	-31.4%	138	71	94.5%
E-MICRO EUR/USD	10,063	17,497.68	-42.5%	9,914.82	1.5%	11,485	17,898	-35.8%
E-MICRO GBP/USD	2,696	2,439.32	10.5%	2,100.86	28.3%	2,111	2,278	-7.3%
E-MICRO INR/USD	241	308.53	-22.0%	301.05	-20.1%	239	217	10.2%
E-MICRO JPY/USD	1,286	1,220.74	5.3%	1,978.59	-35.0%	1,395	1,466	-4.8%
E-MINI EURO FX	5,469	5,960.68	-8.3%	3,862.23	41.6%	4,688	5,009	-6.4%
E-MINI JAPANESE YEN	1,051	463.79	126.6%	1,962.45	-46.4%	806	625	29.0%
EURO FX	285,759	327,163.16	-12.7%	181,319.32	57.6%	212,218	283,967	-25.3%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	-100.0%
HUNGARIAN FORINT (US)	0	3.47	-98.6%	0	-	0	3	-98.2%
INDIAN RUPEE	4,064	4,718.26	-13.9%	4,496.45	-9.6%	3,478	4,177	-16.7%
JAPANESE YEN	149,770	136,100.68	10.0%	153,533.18	-2.5%	131,065	145,438	-9.9%
KOREAN WON	109	51.68	110.9%	35.68	205.5%	42	22	95.0%
MEXICAN PESO	69,056	80,569.89	-14.3%	53,446.64	29.2%	61,433	68,567	-10.4%
NEW ZEALND DOLLAR	31,619	32,520.79	-2.8%	23,901.68	32.3%	27,926	30,920	-9.7%
NKR/USD CROSS RATE	447	577.42	-22.6%	283.64	57.6%	267	255	4.7%
POLISH ZLOTY (EC)	1	1.37	-19.6%	0.59	86.2%	3	1	181.6%
POLISH ZLOTY (US)	17	4.16	319.7%	3.41	411.9%	7	5	50.5%
RMB USD	0	0	-	0.05	9.9%	0	0	-69.6%
RUSSIAN RUBLE	9,132	4,838.84	88.7%	3,428.09	166.4%	4,318	2,975	45.2%
S.AFRICAN RAND	4,033	3,163.16	27.5%	3,992	1.0%	2,620	2,361	11.0%
SF/JY CROSS RATES	0	0.37	-45.7%	0	-	0	1	-94.5%
SHEKEL	0	0.68	-100.0%	0	-	0	14	-100.0%
SKR/USD CROSS RATES	326	522.05	-37.6%	118.5	174.8%	173	240	-28.2%
SWISS FRANC	36,272	37,321.42	-2.8%	28,354.95	27.9%	27,461	29,581	-7.2%
TURKISH LIRA	175	27.32	540.5%	7.64	2191.0%	62	187	-66.6%
USDZAR	0	0	-	0	-	0	0	300.0%

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FX Options								
AUD/USD MONTHLY OPTIONS	3,612	4,503.68	-19.8%	3,238.27	11.5%	3,276	4,165	-21.3%
AUD/USD WKLY FRIDAY OPTION	0	0	-	41.14	-100.0%	78	172	-54.7%
AUD/USD WKLY FRIDAY OPTION	293	803.11	-63.5%	217.41	34.7%	290	327	-11.2%
AUD/USD WKLY FRIDAY OPTION	197	550.68	-64.2%	219.32	-10.1%	298	487	-38.8%
AUD/USD WKLY FRIDAY OPTION	205	670.53	-69.5%	181.73	12.6%	326	522	-37.6%
AUD/USD WKLY FRIDAY OPTION	0	0	-	137.05	-100.0%	85	150	-43.3%
AUD/USD WKLY WED OPTIONS -	79	219.68	-64.2%	66.41	18.3%	84	145	-41.9%
AUD/USD WKLY WED OPTIONS -	64	247.63	-74.3%	59.36	7.2%	86	117	-26.4%
AUD/USD WKLY WED OPTIONS -	44	61.63	-28.5%	25.55	72.4%	38	68	-44.3%
AUD/USD WKLY WED OPTIONS -	86	146.79	-41.3%	93.41	-7.8%	63	105	-40.1%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-	20	40	-49.4%
BRITISH POUND (EU)	0	0.16	-100.0%	0	-	0	1	-100.0%
BRL/USD MONTHLY OPTIONS	13	0	-	2.59	401.8%	2	0	-
CAD/USD MONTHLY OPTIONS	2,349	4,344.79	-45.9%	2,467.82	-4.8%	2,506	4,265	-41.3%
CAD/USD WKLY FRIDAY OPTION	2	0	-	48.68	-95.8%	144	242	-40.7%
CAD/USD WKLY FRIDAY OPTION	367	1,290.58	-71.6%	267.82	36.9%	331	615	-46.2%
CAD/USD WKLY FRIDAY OPTION	428	889.53	-51.9%	272.36	57.0%	451	869	-48.1%
CAD/USD WKLY FRIDAY OPTION	307	838.84	-63.4%	399.73	-23.2%	494	772	-36.0%
CAD/USD WKLY FRIDAY OPTION	0	0	-	305.64	-100.0%	125	288	-56.4%
CAD/USD WKLY WED OPTIONS -	50	249.21	-80.1%	141.41	-65.0%	137	174	-21.4%
CAD/USD WKLY WED OPTIONS -	204	240.42	-15.0%	52.18	291.7%	162	175	-7.3%
CAD/USD WKLY WED OPTIONS -	166	366.16	-54.6%	123.55	34.5%	150	190	-21.1%
CAD/USD WKLY WED OPTIONS -	92	92.37	-0.6%	81.64	12.5%	130	177	-26.2%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-	38	86	-55.8%
CANADIAN DOLLAR (EU)	0	0	-	0	-	0	0	-100.0%
CHF/USD MONTHLY OPTIONS	143	66.37	115.0%	122.18	16.8%	115	116	-1.1%
CHF/USD WKLY FRIDAY OPTION	3	0	-	0	-	1	0	135.2%
CHF/USD WKLY FRIDAY OPTION	11	5.68	92.6%	11.64	-5.9%	11	4	173.8%
CHF/USD WKLY FRIDAY OPTION	11	0.11	10773.7%	0.32	3498.4%	9	5	81.7%
CHF/USD WKLY FRIDAY OPTION	11	6.16	77.0%	3.05	257.9%	5	9	-42.9%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0.32	-100.0%	3	4	-13.9%
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-	0	0	-
EUR/JPY MONTHLY OPTIONS	0	0	-	0	-	0	15	-100.0%
EURO FX (EU)	0	0.16	-100.0%	0	-	0	0	-100.0%
EUR/USD MONTHLY OPTIONS	18,379	20,608.42	-10.8%	19,737.86	-6.9%	18,023	25,543	-29.4%
EUR/USD WKLY FRIDAY OPTION	5	0	-	329.5	-98.4%	482	1,228	-60.8%
EUR/USD WKLY FRIDAY OPTION	2,061	2,224.42	-7.3%	869.14	137.2%	1,344	1,592	-15.6%
EUR/USD WKLY FRIDAY OPTION	1,838	2,265.37	-18.9%	1,247.95	47.3%	1,485	2,412	-38.4%
EUR/USD WKLY FRIDAY OPTION	1,250	2,534.37	-50.7%	968.82	29.0%	1,745	2,520	-30.8%
EUR/USD WKLY FRIDAY OPTION	0	0	-	813.5	-100.0%	433	663	-34.7%
EUR/USD WKLY WED OPTIONS -	741	516.37	43.6%	1,034.36	-28.3%	649	628	3.2%
EUR/USD WKLY WED OPTIONS -	614	478.74	28.3%	838	-26.7%	641	564	13.7%
EUR/USD WKLY WED OPTIONS -	1,072	591.42	81.2%	778.95	37.6%	636	567	12.1%
EUR/USD WKLY WED OPTIONS -	788	458.32	71.9%	621.18	26.8%	674	659	2.3%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-	169	255	-33.6%
GBP/USD MONTHLY OPTIONS	6,902	11,139	-38.0%	3,568.45	93.4%	5,963	8,457	-29.5%
GBP/USD WKLY FRIDAY OPTION	2	0	-	8.77	-81.8%	143	289	-50.5%
GBP/USD WKLY FRIDAY OPTION	419	1,099.95	-61.9%	309.68	35.2%	318	607	-47.6%
GBP/USD WKLY FRIDAY OPTION	411	1,251.42	-67.2%	132.95	208.9%	370	932	-60.3%
GBP/USD WKLY FRIDAY OPTION	265	1,145.79	-76.9%	162.68	62.9%	347	974	-64.3%

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FX Options								
GBP/USD WKLY FRIDAY OPTION	0	0	-	221.05	-100.0%	148	254	-41.8%
GBP/USD WKLY WED OPTIONS -	48	225.63	-78.8%	71.64	-33.1%	121	160	-24.3%
GBP/USD WKLY WED OPTIONS -	76	159.05	-52.4%	58.36	29.7%	125	199	-37.0%
GBP/USD WKLY WED OPTIONS -	90	255.32	-64.8%	65.86	36.4%	135	200	-32.6%
GBP/USD WKLY WED OPTIONS -	82	385.11	-78.7%	60.5	35.3%	117	189	-38.1%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-	43	92	-53.1%
JAPANESE YEN (EU)	0	0	-	0	-	0	0	-
JPY/USD MONTHLY OPTIONS	6,218	5,793.89	7.3%	8,807.68	-29.4%	6,847	8,073	-15.2%
JPY/USD WKLY FRIDAY OPTION	0	0	-	179.14	-100.0%	237	357	-33.7%
JPY/USD WKLY FRIDAY OPTION	609	1,038.47	-41.4%	283.77	114.6%	492	715	-31.2%
JPY/USD WKLY FRIDAY OPTION	813	894.53	-9.1%	643.36	26.3%	703	1,024	-31.4%
JPY/USD WKLY FRIDAY OPTION	463	1,035.16	-55.2%	490.32	-5.5%	699	1,084	-35.5%
JPY/USD WKLY FRIDAY OPTION	0	0	-	680.18	-100.0%	246	259	-4.8%
JPY/USD WKLY WED OPTIONS -	391	273.21	43.0%	320.68	21.8%	224	205	9.3%
JPY/USD WKLY WED OPTIONS -	231	176.74	30.5%	201.55	14.4%	205	191	7.6%
JPY/USD WKLY WED OPTIONS -	308	112.63	173.5%	381.32	-19.2%	198	161	22.6%
JPY/USD WKLY WED OPTIONS -	278	136.79	102.9%	490.86	-43.5%	219	239	-8.0%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-	41	79	-48.3%
MXN/USD MONTHLY OPTIONS	40	97.42	-58.5%	117.14	-65.5%	72	96	-24.8%
MXN/USD WKLY FRIDAY OPTION	0	0.26	-100.0%	3.41	-100.0%	2	1	109.3%
MXN/USD WKLY FRIDAY OPTION	0	2.53	-100.0%	29.5	-100.0%	6	0	2197.2%
MXN/USD WKLY FRIDAY OPTION	0	1.37	-100.0%	0.05	-100.0%	2	1	26.5%
NZD/USD MONTHLY OPTIONS	83	0	-	24.41	238.4%	26	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	0	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	1	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-	1	0	-
Foreign Exchange Futures								
CHILEAN PESO	0	87.95	-100.0%	0	-	2	93	-97.7%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	28	65.89	-57.5%	25.64	9.2%	38	44	-13.6%

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	ADV SEP 2019	ADV SEP 2018	% CHG	ADV AUG 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
Ag Products Futures								
BUTTER CS	194	213.47	-9.1%	222.27	-12.7%	197	203	-3.1%
CASH-SETTLED CHEESE	505	455.95	10.8%	404.73	24.8%	531	480	10.8%
CATTLE	76,987	75,430.58	2.1%	60,846.59	26.5%	69,734	66,248	5.3%
CAT WEATHER EUROPEAN	0	0	-	0	-	17	0	-
CDD SEASONAL STRIP	0	0	-	0	-	2	3	-25.0%
CDD WEATHER	0	0	-	9.09	-100.0%	48	11	317.4%
CLASS IV MILK	166	26.89	518.3%	131.27	26.7%	124	28	337.7%
DRY WHEY	48	79.84	-40.1%	33.36	43.3%	58	62	-6.4%
FEEDER CATTLE	15,083	15,443.89	-2.3%	16,541.05	-8.8%	15,155	14,573	4.0%
GOLDMAN SACHS	1,362	1,552.21	-12.3%	1,221.55	11.5%	1,356	1,506	-9.9%
GSCI EXCESS RETURN FUT	4,163	5,524.74	-24.6%	368.18	1030.7%	1,648	1,852	-11.0%
HDD SEASONAL STRIP	0	2.63	-100.0%	0	-	0	0	-100.0%
HDD WEATHER	0	478.95	-100.0%	0	-	11	51	-78.1%
HDD WEATHER EUROPEAN	63	0	-	0	-	23	96	-76.4%
HOGS	72,818	65,325.11	11.5%	55,306.64	31.7%	65,215	55,268	18.0%
HOUSING INDEX	1	0.11	754.7%	0.45	98.0%	1	0	62.7%
LUMBER	504	759.16	-33.6%	614.73	-18.0%	658	906	-27.3%
MALAYSIAN PALM SWAP	486	282.11	72.3%	332.73	46.1%	221	228	-2.7%
MILK	1,750	1,158.11	51.1%	1,119.77	56.3%	1,247	1,099	13.4%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	306	218.05	40.4%	279.5	9.6%	311	245	26.7%
S&P GSCI ENHANCED ER SWAP	376	396	-5.0%	0	-	159	180	-11.6%
USD CRUDE PALM OIL	42	35.79	17.4%	44.55	-5.7%	54	36	50.8%
Ag Products Options								
BUTTER CS	84	346.11	-75.8%	73.77	13.7%	156	200	-22.0%
CASH-SETTLED CHEESE	446	506.95	-12.1%	330.45	34.9%	462	475	-2.7%
CATTLE	11,467	10,209.68	12.3%	9,656.95	18.7%	9,655	11,481	-15.9%
CAT WEATHER EUROPEAN	0	0	-	0	-	11	0	-
CDD SEASONAL STRIP	0	0	-	0	-	27	4	614.3%
CLASS IV MILK	123	58.16	112.2%	136.09	-9.3%	184	55	236.1%
DRY WHEY	38	44.63	-15.2%	1.18	3102.5%	39	31	23.2%
FEEDER CATTLE	1,093	1,284.37	-14.9%	1,550.64	-29.5%	1,497	1,424	5.1%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	315.79	-100.0%	0	-	0	48	-100.0%
HDD WEATHER	0	0	-	0	-	0	0	-
HOGS	16,748	13,314	25.8%	16,683.55	0.4%	17,793	11,256	58.1%
HOUSING INDEX	0	0	-	0	-	0	0	-
LUMBER	50	73.11	-31.7%	66	-24.4%	86	83	3.3%
LV CATL CSO	3	8.89	-71.9%	0	-	3	2	87.6%
MILK	2,037	1,938.74	5.1%	1,612.55	26.3%	1,817	1,641	10.7%
MLK MID OPTIONS	0	0.63	-68.3%	0.18	10.0%	1	2	-47.3%
NFD MILK	215	244.42	-12.0%	179.73	19.7%	307	240	27.9%

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	ADV SEP 2019	ADV SEP 2018	% CHG	ADV AUG 2019	% CHG	ADV Y.T.D 2019	ADV Y.T.D 2018	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	2,706,172	2,903,779.84	-6.8%	3,370,938.23	-19.7%	3,027,721	2,988,535	1.3%
Equity Index Futures	3,053,923	2,553,050.21	19.6%	3,682,529.09	-17.1%	2,631,993	2,264,482	16.2%
FX Futures	1,007,062	1,061,664.42	-5.1%	768,092.77	31.1%	815,771	949,599	-14.1%
Foreign Exchange Futures	0	87.95	-100.0%	0	-	2	93	-97.7%
Ag Products Futures	174,855	167,383.58	4.5%	137,476.45	27.2%	156,771	143,076	9.6%
TOTAL FUTURES	6,942,012	6,685,966	3.8%	7,959,036.55	-12.8%	6,632,258.38	6,345,785.35	4.5%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,526,747	1,334,184.68	14.4%	1,835,828.68	-16.8%	1,861,200	1,424,888	30.6%
Equity Index Options	678,160	620,004.47	9.4%	940,871.95	-27.9%	648,262	779,605	-16.8%
FX Options	53,209	70,495.95	-24.5%	53,133.14	0.1%	53,791	75,776	-29.0%
Foreign Exchange Options	28	65.89	-57.5%	25.64	9.2%	38	44	-13.6%
Ag Products Options	32,304	28,345.47	14.0%	30,291.09	6.6%	32,036	26,941	18.9%
TOTAL OPTIONS	2,290,448	2,053,096.47	11.6%	2,860,150.5	-19.9%	2,595,326.86	2,307,252.39	12.5%
TOTAL COMBINED								
Interest Rate	4,232,919	4,237,964.53	-0.1%	5,206,766.91	-18.7%	4,888,921	4,413,423	10.8%
Equity Index	3,732,083	3,173,054.68	17.6%	4,623,401.05	-19.3%	3,280,255	3,044,087	7.8%
FX	1,060,271	1,132,160.37	-6.3%	821,225.91	29.1%	869,562	1,025,374	-15.2%
Foreign Exchange	28	153.84	-81.8%	25.64	9.2%	40	136	-70.9%
Ag Products	207,159	195,729.05	5.8%	167,767.55	23.5%	188,807	170,017	11.1%
GRAND TOTAL	9,232,460	8,739,062.47	5.6%	10,819,187.05	-14.7%	9,227,585.23	8,653,037.74	6.6%