

CME Group Exchange ADV Report - Monthly

April 2018

Page 1 of 17

	ADV APR 2018	ADV APR 2017	% CHG	ADV MAR 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
FX Futures								
AD/CD CROSS RATES	0	0.32	-39.7%	0	-	0	0	22.3%
AD/JY CROSS RATES	128	79.95	60.4%	234.33	-45.3%	195	116	68.3%
AD/NE CROSS RATES	3	1.89	55.8%	5.95	-50.4%	4	1	200.8%
AUSTRALIAN DOLLAR	92,204	81,763.42	12.8%	122,862.1	-25.0%	117,123	88,581	32.2%
BDI	0	63.21	-100.0%	0	-	0	67	-100.0%
BP/JY CROSS RATES	142	167.47	-15.4%	203.86	-30.5%	189	123	53.6%
BP/SF CROSS RATES	13	15.16	-13.6%	20.62	-36.5%	14	4	274.3%
BRAZIL REAL	7,257	4,477.63	62.1%	5,286.24	37.3%	6,116	4,330	41.2%
BRITISH POUND	107,456	105,766.74	1.6%	143,816.19	-25.3%	133,493	118,350	12.8%
CANADIAN DOLLAR	72,890	67,226.89	8.4%	100,475.62	-27.5%	85,176	67,938	25.4%
CD/JY CROSS RATES	10	8.11	28.1%	4.86	113.7%	9	5	73.8%
CHINESE RENMINBI (CNH)	85	27.79	205.2%	154.52	-45.1%	116	72	60.2%
EC/AD CROSS RATES	34	95.47	-64.9%	194.81	-82.8%	82	159	-48.3%
EC/CD CROSS RATES	95	105.58	-10.0%	406.71	-76.6%	198	151	31.0%
EC/NOK CROSS RATES	14	0.58	2384.2%	20.33	-29.3%	15	2	861.9%
EC/SEK CROSS RATES	7	6.63	0.5%	87.52	-92.4%	37	15	145.2%
EFX/BP CROSS RATES	2,713	2,653.68	2.2%	6,815.81	-60.2%	4,039	3,060	32.0%
EFX/JY CROSS RATES	2,234	2,887.53	-22.6%	5,929.05	-62.3%	3,946	2,549	54.8%
EFX/SF CROSS RATES	705	1,397.11	-49.5%	2,141.19	-67.1%	1,341	1,694	-20.8%
E-MICRO AUD/USD	4,042	3,159.95	27.9%	4,500.95	-10.2%	4,872	3,975	22.6%
E-MICRO CAD/USD	659	895.79	-26.5%	1,026.57	-35.8%	916	745	22.9%
E-MICRO CHF/USD	49	44.21	10.5%	62.95	-22.4%	63	44	42.4%
E-MICRO EUR/USD	16,989	12,349.53	37.6%	17,845.9	-4.8%	19,088	13,142	45.2%
E-MICRO GBP/USD	2,146	3,104.63	-30.9%	2,633.05	-18.5%	2,856	3,143	-9.1%
E-MICRO INR/USD	158	141.16	11.9%	185.14	-14.7%	158	117	35.7%
E-MICRO JPY/USD	1,573	2,198.37	-28.5%	1,946.33	-19.2%	1,705	2,512	-32.1%
E-MINI EURO FX	3,012	3,866.79	-22.1%	4,745.95	-36.5%	4,832	4,125	17.1%
E-MINI JAPANESE YEN	479	1,374.47	-65.1%	590.71	-18.9%	629	1,536	-59.1%
EURO FX	210,007	176,498.11	19.0%	301,725.29	-30.4%	266,600	211,850	25.8%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	0	-
INDIAN RUPEE	3,299	1,374.84	139.9%	3,067.1	7.6%	4,272	1,369	212.2%
JAPANESE YEN	123,845	157,334.16	-21.3%	170,198.24	-27.2%	159,908	168,117	-4.9%
KOREAN WON	7	0.58	1125.6%	7.48	-5.1%	14	2	692.3%
MEXICAN PESO	57,031	44,283.47	28.8%	78,067.71	-26.9%	64,028	49,069	30.5%
NEW ZEALND DOLLAR	27,857	16,838.95	65.4%	30,410.62	-8.4%	32,240	23,630	36.4%
NKR/USD CROSS RATE	166	42.05	294.1%	319.38	-48.1%	197	103	91.5%
POLISH ZLOTY (EC)	0	3.74	-94.9%	0.48	-60.0%	1	2	-64.9%
POLISH ZLOTY (US)	3	2.11	53.8%	6.43	-49.6%	6	32	-81.8%
RMB USD	0	0.11	-100.0%	0.05	-100.0%	0	2	-90.8%
RUSSIAN RUBLE	4,212	1,797.42	134.3%	5,688.19	-26.0%	3,527	2,091	68.7%
S.AFRICAN RAND	1,661	2,425.58	-31.5%	2,700.05	-38.5%	2,076	2,606	-20.3%
SF/JY CROSS RATES	0	0	-	0	-	2	0	492.6%
SHEKEL	3	0	-	72.14	-95.8%	21	0	-
SKR/USD CROSS RATES	167	77.74	115.4%	353.05	-52.6%	198	112	77.3%
SWISS FRANC	24,016	20,621.68	16.5%	31,010.14	-22.6%	29,150	22,674	28.6%
TURKISH LIRA	22	104.58	-78.9%	739.86	-97.0%	228	73	212.7%
USDZAR	0	0	-	0.05	-100.0%	0	0	-

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CME Group Exchange ADV Report - Monthly

April 2018

Page 2 of 17

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FX Options								
AUD/USD PQO 2pm Fix	5,878	3,428.37	71.4%	5,882.81	-0.1%	6,822	3,571	91.0%
AUSTRALIAN DLR (EU)	0	0	-	0	-	0	0	-100.0%
AUSTRALIAN DOLLAR	0	1,122.32	-100.0%	0	-	0	1,914	-100.0%
BRITISH POUND	0	2,808.05	-100.0%	0	-	0	3,473	-100.0%
BRITISH POUND (EU)	0	10.32	-98.6%	0.33	-57.1%	1	10	-85.9%
CAD/USD PQO 2pm Fix	7,955	3,978.47	100.0%	8,161.43	-2.5%	8,515	3,746	127.3%
CANADIAN DOLLAR	0	1,245.37	-100.0%	0	-	0	1,636	-100.0%
CANADIAN DOLLAR (EU)	0	0.26	-100.0%	0.05	-100.0%	1	1	35.3%
CHF/USD PQO 2pm Fix	164	74.89	119.1%	50.38	225.7%	103	102	0.2%
EFX/JY CROSS RATES	0	0	-	0	-	35	0	-
EURO FX	0	14,100.37	-100.0%	0	-	0	11,300	-100.0%
EURO FX (EU)	0	1.21	-100.0%	0.24	-100.0%	0	3	-90.9%
EUR/USD PQO 2pm Fix	28,024	25,991.79	7.8%	33,593.86	-16.6%	39,737	19,278	106.1%
GBP/USD PQO 2pm Fix	10,017	5,837.47	71.6%	11,193.86	-10.5%	12,518	6,318	98.1%
JAPANESE YEN	0	3,512.21	-100.0%	0	-	0	5,470	-100.0%
JAPANESE YEN (EU)	0	1.47	-100.0%	0	-	0	2	-100.0%
JPY/USD PQO 2pm Fix	12,300	10,591	16.1%	13,814.67	-11.0%	13,779	10,940	25.9%
MEXICAN PESO	249	39.68	527.9%	67.57	268.8%	104	219	-52.7%
SWISS FRANC	0	24.63	-100.0%	0	-	0	51	-100.0%
SWISS FRANC (EU)	0	0.21	-100.0%	0	-	0	0	-100.0%

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CME Group Exchange ADV Report - Monthly

April 2018

Page 3 of 17

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Equity Index Futures								
BITCOIN FUTURES	3,745	0	-	2,578.1	45.3%	2,338	0	-
DJ US REAL ESTATE	912	969.58	-5.9%	3,384.52	-73.0%	2,050	1,204	70.3%
E-mini (\$5) Dow	260,924	143,263.58	82.1%	330,467	-21.0%	276,031	141,644	94.9%
E-mini FTSE 100 (USD)	64	0.53	11969.9%	119.29	-46.7%	93	0	21937.2%
E-mini FTSE China 50	56	35.79	55.5%	45.9	21.3%	69	64	7.8%
E-MINI MIDCAP	15,841	17,226.47	-8.0%	28,131.38	-43.7%	20,375	18,909	7.8%
E-MINI NASDAQ 100	477,654	230,363.58	107.3%	583,035.76	-18.1%	480,182	211,175	127.4%
E-MINI RUSSELL 1000	429	46.05	830.7%	1,297.05	-67.0%	694	52	1226.5%
E-MINI RUSSELL 1000 GROWTH	902	73	1135.1%	774.19	16.5%	598	34	1684.5%
E-MINI RUSSELL 1000 VALUE	376	91.95	309.2%	1,251.19	-69.9%	749	110	583.9%
E-MINI RUSSELL 2000	105,968	0	-	183,587.62	-42.3%	138,395	0	-
E-MINI S&P500	1,699,729	1,441,965.79	17.9%	2,259,508.95	-24.8%	1,893,217	1,557,768	21.5%
E-MINI S&P REAL ESTATE SELECT S	418	278.42	50.0%	816.43	-48.8%	402	224	79.3%
FT-SE 100	74	13.37	455.0%	115.81	-35.9%	77	12	530.6%
FTSE Emerging	1	0	-	4.29	-72.2%	6	1	602.4%
IBOVESPA INDEX	89	36.95	140.1%	28.81	207.9%	67	35	91.6%
NASDAQ BIOTECH	0	0	-	98.86	-100.0%	38	10	263.6%
NIFTY 50	0	752.37	-100.0%	36.19	-100.0%	664	347	91.3%
NIKKEI 225 (\$) STOCK	11,569	12,781.68	-9.5%	25,255.67	-54.2%	20,259	14,126	43.4%
NIKKEI 225 (YEN) STOCK	36,051	43,642.84	-17.4%	61,149.81	-41.0%	51,732	46,853	10.4%
S&P 500	6,512	4,078.11	59.7%	11,226.9	-42.0%	7,801	6,696	16.5%
S&P 500/GI	0	0.16	-100.0%	1.24	-100.0%	0	1	-53.3%
S&P 500/VALUE	419	1,138.11	-63.2%	621.71	-32.6%	712	814	-12.6%
S&P CONSUMER DSCRTNRY SECTO	908	126.53	617.4%	1,367.9	-33.6%	960	427	124.9%
S&P CONSUMER STAPLES SECTOR	870	196.89	341.7%	2,713.62	-68.0%	1,293	492	162.6%
S&P ENERGY SECTOR	1,319	555.74	137.4%	1,861.38	-29.1%	1,236	793	55.9%
S&P FINANCIAL SECTOR	2,868	988.63	190.1%	4,471.05	-35.9%	2,441	1,127	116.5%
S&P HEALTH CARE SECTOR	519	343.74	50.9%	1,375.62	-62.3%	732	689	6.3%
S&P INDUSTRIAL SECTOR	862	106.37	710.6%	1,128.71	-23.6%	710	306	131.8%
S&P MATERIALS SECTOR	345	149.05	131.4%	737.81	-53.3%	540	343	57.5%
S&P TECHNOLOGY SECTOR	1,037	159.26	551.1%	2,344.76	-55.8%	1,241	354	250.9%
S&P UTILITIES SECTOR	1,368	807.63	69.4%	3,104.43	-55.9%	1,762	1,087	62.1%
YEN DENOMINATED TOPIX	2	0	-	18.67	-86.7%	13	0	-

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April 2018

Page 4 of 17

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Equity Index Options								
E-mini (\$5) Dow	406	142.63	184.4%	674.14	-39.8%	585	264	121.6%
E-MINI NASDAQ 100	12,245	6,633.63	84.6%	11,095.1	10.4%	13,732	8,342	64.6%
E-MINI RUSSELL 2000	244	0	-	1,205.48	-79.8%	779	0	-
E-MINI S&P500	231,640	159,051.47	45.6%	336,402.48	-31.1%	336,015	195,660	71.7%
EOM E-MINI RUSSELL 2000 END OF	94	0	-	692.95	-86.4%	345	0	-
EOM EMINI S&P	90,101	115,850.79	-22.2%	154,254.62	-41.6%	151,604	103,714	46.2%
EOM S&P 500	4,126	8,754.53	-52.9%	6,346.95	-35.0%	12,143	9,115	33.2%
EOW1 E-MINI RUSSELL 2000 WEEKL	115	0	-	166.33	-30.6%	134	0	-
EOW1 E-MINI RUSSELL 2000 WEEKL	143	0	-	197.48	-27.5%	173	0	-
EOW1 EMINI S&P 500	60,699	68,960.21	-12.0%	47,849.62	26.9%	60,505	59,315	2.0%
EOW1 S&P 500	3,544	5,113.53	-30.7%	1,170.1	202.9%	3,364	3,792	-11.3%
EOW2 E-MINI RUSSELL 2000 WEEKL	219	0	-	359.19	-38.9%	283	0	-
EOW2 EMINI S&P 500	80,833	59,974.32	34.8%	49,824.19	62.2%	79,884	56,593	41.2%
EOW2 S&P 500	6,542	3,387.58	93.1%	6,083.05	7.6%	7,843	7,553	3.8%
EOW3 E-MINI RUSSELL 2000 WEEKL	1,077	0	-	2,099.9	-48.7%	1,352	0	-
EOW3 EMINI S&P 500	221,052	230,770.11	-4.2%	157,078.62	40.7%	232,447	193,418	20.2%
EOW3 S&P 500	16,054	21,082.16	-23.9%	6,814.1	135.6%	20,835	18,659	11.7%
EOW4 E-MINI RUSSELL 2000 WEEKL	184	0	-	787.62	-76.7%	405	0	-
EOW4 EMINI S&P 500	58,502	3,143	1761.3%	80,285.81	-27.1%	71,793	43,393	65.5%
S&P 500	9,249	9,341.79	-1.0%	20,337.71	-54.5%	16,941	14,239	19.0%
Interest Rate Futures								
10-YR NOTE	1,307,187	1,345,808.11	-2.9%	1,611,291.95	-18.9%	1,777,837	1,510,504	17.7%
10-YR SWAP RATE	1,120	1,557.79	-28.1%	4,727.1	-76.3%	2,479	2,446	1.3%
1-MONTH EURODOLLAR	61	421.68	-85.5%	264.38	-76.9%	177	197	-10.4%
2-YR NOTE	354,346	264,824.37	33.8%	459,630.9	-22.9%	544,753	352,206	54.7%
30-YR BOND	262,723	242,840.89	8.2%	303,807.19	-13.5%	355,115	280,836	26.4%
30-YR SWAP RATE	4	46.58	-92.2%	15.1	-76.0%	11	74	-85.1%
5-YR NOTE	771,810	724,263.53	6.6%	951,173.43	-18.9%	1,096,021	912,165	20.2%
5-YR SWAP RATE	643	1,984.79	-67.6%	2,721.19	-76.4%	1,423	2,838	-49.9%
EURODOLLARS	2,575,545	2,703,637.89	-4.7%	4,158,535.71	-38.1%	3,680,013	3,012,254	22.2%
FED FUND	217,706	201,109.47	8.3%	290,824.19	-25.1%	266,347	239,886	11.0%
Ultra 10-Year Note	124,359	78,467.95	58.5%	168,250.52	-26.1%	185,368	97,684	89.8%
ULTRA T-BOND	112,112	84,895.32	32.1%	132,627.43	-15.5%	169,718	119,876	41.6%
Interest Rate Options								
10-YR NOTE	462,500	594,537.95	-22.2%	622,638.57	-25.7%	652,708	529,732	23.2%
2-YR NOTE	26,555	4,365.79	508.3%	21,153.33	25.5%	23,460	4,589	411.3%
30-YR BOND	112,846	96,650.37	16.8%	108,762.43	3.8%	135,284	96,377	40.4%
5-YR NOTE	114,482	126,785.79	-9.7%	159,678.67	-28.3%	168,376	141,703	18.8%
EURODOLLARS	632,793	861,132.21	-26.5%	849,417.9	-25.5%	892,389	792,815	12.6%
EURO MIDCURVE	587,273	930,557.63	-36.9%	866,884.05	-32.3%	899,146	860,333	4.5%
FED FUND	7	0	-	287.14	-97.5%	119	105	12.9%
Ultra 10-Year Note	0	31.58	-100.0%	0.14	-100.0%	0	92	-99.6%
ULTRA T-BOND	521	208.47	149.8%	242.67	114.6%	298	111	169.1%

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April 2018

Page 5 of 17

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Energy Futures								
3.5% FUEL OIL CID MED SWA	2	0	-	1.86	23.1%	5	10	-53.7%
3.5% FUEL OIL CIF BALMO S	4	2.63	62.9%	0	-	1	2	-47.7%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
AEP-DAYTON HUB MTHLY	0	0	-	0	-	0	0	-
AEP-DAYTON HUB OFF-PEAK M	0	0	-	0	-	0	0	-
ALGON CITY GATES NAT GAS	0	0	-	0	-	0	0	-
ALGONQUIN CITYGATES BASIS	0	0	-	0	-	0	0	-
ANR LOUISIANA BASIS SWAP	0	0	-	0	-	0	0	-
ANR OKLAHOMA	0	0	-	0	-	0	0	-
ARGUS LLS VS. WTI (ARG) T	952	382.63	148.9%	884.38	7.7%	1,334	364	267.1%
ARGUS PROPAN FAR EST INDE	374	58.32	542.1%	346.86	7.9%	342	68	405.7%
ARGUS PROPAN(SAUDI ARAMCO	170	45	278.3%	137	24.3%	141	52	170.6%
AUSTRIALIAN COKE COAL	0	5.11	-100.0%	0	-	0	11	-100.0%
BRENT BALMO SWAP	0	5.95	-100.0%	0	-	1	2	-64.2%
BRENT CALENDAR SWAP	217	53.58	304.2%	37.9	471.4%	92	143	-35.5%
BRENT CFD SWAP	0	0	-	14.29	-100.0%	4	0	-
BRENT FINANCIAL FUTURES	7	3.89	76.1%	309.52	-97.8%	130	140	-7.4%
BRENT OIL LAST DAY	93,734	96,829.42	-3.2%	86,719.86	8.1%	83,594	96,229	-13.1%
CAISO SP15 EZGNHUB5 MW P	0	0	-	0	-	0	98	-100.0%
CAISO SP15 EZGNHUB5 PEAK	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	0	15.47	-100.0%	0	-	0	32	-100.0%
CENTERPOINT BASIS SWAP	0	0	-	0	-	0	7	-93.3%
CEU ENERGY	306	0	-	327.67	-6.5%	249	0	-
CHICAGO ETHANOL SWAP	5,046	5,680.32	-11.2%	5,300.05	-4.8%	5,329	6,145	-13.3%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	4	5.32	-30.1%	8.57	-56.7%	14	10	45.5%
CHICAGO UNL GAS PL VS RBO	0	0	-	10.71	-100.0%	6	0	-
CIG BASIS	3	0	-	0	-	2	2	4.1%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-	0	9	-100.0%
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	0	0	-
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CIN HUB 5MW D AH O PK	0	2,391.58	-100.0%	0	-	0	2,255	-100.0%
CIN HUB 5MW D AH PK	52	233.68	-77.6%	50.29	4.2%	56	125	-55.0%
CIN HUB 5MW REAL TIME O P	0	4,797.89	-100.0%	0	-	0	2,793	-100.0%
CIN HUB 5MW REAL TIME PK	0	289.47	-100.0%	0	-	0	247	-100.0%
COAL SWAP	2	12.89	-87.1%	6.43	-74.1%	2	11	-79.9%
COLUMB GULF MAINLINE NG B	0	0	-	0	-	0	0	-
COLUMBIA GULF ONSHORE	0	0	-	0	-	0	0	-
CONWAY NATURAL GASOLINE (OPI	2	10.68	-78.6%	2.29	0.0%	7	13	-48.6%
CONWAY NORMAL BUTANE (OPIS) S	7	44.21	-83.8%	5.24	36.4%	4	40	-89.7%
CONWAY PROPANE 5 DECIMALS S	759	332.47	128.3%	851.05	-10.8%	763	404	89.1%
CRUDE OIL	216	176.32	22.3%	261.9	-17.6%	290	521	-44.3%
CRUDE OIL OUTRIGHTS	2,564	1,144.32	124.1%	2,583.1	-0.7%	3,058	859	256.0%
CRUDE OIL PHY	1,332,243	1,117,125.89	19.3%	1,190,641.24	11.9%	1,320,343	1,118,518	18.0%
CRUDE OIL SPRDS	2,038	462.32	340.9%	1,752.43	16.3%	2,714	309	777.4%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-

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CME Group Exchange ADV Report - Monthly

April 2018

Page 6 of 17

	ADV APR 2018	ADV APR 2017	% CHG	ADV MAR 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures								
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	0	0	-
DATED TO FRONTLINE BRENT	29	17.63	62.0%	19.05	50.0%	32	51	-36.6%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-	0	0	-
DOMINION TRAN INC - APP I	0	0	-	0	-	0	0	-
DOMINION TRANSMISSION INC	0	166.89	-100.0%	0	-	0	481	-100.0%
DUBAI CRUDE OIL BALMO	0	0	-	5.95	-100.0%	2	0	-
DUBAI CRUDE OIL CALENDAR	56	210.53	-73.2%	36.1	56.2%	109	361	-69.7%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-	0	19	-100.0%
EASTERN RAIL DELIVERY CSX	1	10.53	-86.4%	0.71	100.0%	2	40	-95.4%
EAST/WEST FUEL OIL SPREAD	1	12.84	-92.6%	0.57	66.7%	2	14	-86.4%
EIA FLAT TAX ONHWAY DIESE	11	26.37	-59.2%	4.1	162.8%	8	39	-79.3%
ELEC ERCOT DLY PEAK	0	0	-	0	-	0	0	-
ELEC ERCOT OFF PEAK	933	0	-	0	-	239	0	-
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELEC MISO PEAK	0	0	-	0	-	0	0	-
ELEC NYISO OFF-PEAK	0	0	-	0	-	0	0	-
ELECTRICITY ERCOT PEAK	0	0	-	0	-	0	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-	0	0	-
ELEC WEST POWER OFF-PEAK	0	0	-	0	-	0	0	-
ELEC WEST POWER PEAK	0	0	-	0	-	0	19	-100.0%
ERCOT DAILY 5MW PEAK	0	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK	0	0	-	30	-100.0%	18	0	-
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPE	933	0	-	0	-	239	0	-
ERCOT NORTH ZMCPE 5MW PEAK	0	0	-	30	-100.0%	56	10	448.6%
ETHANOL	440	855.05	-48.6%	413.48	6.4%	459	857	-46.4%
ETHANOL SWAP	1	0	-	0.48	100.0%	0	0	-
ETHANOL T2 FOB ROTT INCL DUTY	162	187.11	-13.4%	152.29	6.4%	153	183	-16.7%
EURO 1% FUEL OIL NEW BALM	0	0.26	-100.0%	0	-	0	0	-50.6%
EURO 3.5% FUEL OIL RDAM B	34	18.68	84.5%	21.38	61.2%	30	28	5.2%
EURO 3.5% FUEL OIL SPREAD	9	11.58	-21.5%	8.14	11.7%	6	23	-74.5%
EURO-DENOMINATED PETRO PROD	0	23.16	-100.0%	0	-	0	17	-100.0%
EURO GASOIL 10PPM VS ICE	0	0	-	0.38	-100.0%	4	2	77.1%
EUROPE 1% FUEL OIL NWE CA	2	7.63	-71.9%	4.29	-50.0%	4	7	-45.1%
EUROPE 1% FUEL OIL RDAM C	0	0.32	-100.0%	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL MED	5	3.16	67.4%	4.71	12.1%	7	14	-44.9%
EUROPE 3.5% FUEL OIL RDAM	562	330.05	70.3%	391.71	43.5%	399	479	-16.7%
EUROPEAN GASOIL (ICE)	35	110.26	-68.6%	19.05	82.0%	20	137	-85.2%
EUROPEAN NAPHTHA BALMO	10	20.47	-52.8%	10.19	-5.1%	13	19	-29.2%
EUROPEAN NAPHTHA CRACK SPR	401	274.95	45.9%	308.71	29.9%	455	357	27.4%
EUROPE DATED BRENT SWAP	0	0	-	0	-	0	5	-100.0%
EUROPE JET KERO NWE CALSW	0	0.63	-100.0%	0	-	0	1	-69.1%
EUROPE NAPHTHA CALSWAP	114	137.63	-17.2%	106.43	7.0%	167	135	23.5%
EURO PROPANE CIF ARA SWA	79	47.68	64.7%	94.24	-16.7%	102	60	71.4%
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-	0	0	-
FREIGHT MARKETS	28	3.16	780.6%	13.76	102.1%	24	4	456.9%
FUEL OIL CRACK VS ICE	187	146.37	27.9%	344.24	-45.6%	226	187	20.7%
FUEL OIL NWE CRACK VS ICE	1	0	-	0	-	2	0	-

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CME Group Exchange ADV Report - Monthly

April 2018

Page 7 of 17

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Energy Futures								
FUEL OIL (PLATS) CAR CM	0	0	-	2.38	-100.0%	2	0	-
FUEL OIL (PLATS) CAR CN	1	0	-	0	-	1	0	-
FUELOIL SWAP:CARGOES VS.B	12	8.79	36.0%	13	-8.1%	15	14	6.6%
GAS EURO-BOB OXY NWE BARGES	277	408.74	-32.2%	346.24	-20.0%	357	387	-7.8%
GAS EURO-BOB OXY NWE BARGES	1,102	865.21	27.4%	1,046.67	5.3%	1,136	1,020	11.4%
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-	0	0	-
GASOIL 0.1CIF MED VS ICE	0	0	-	0.48	-100.0%	0	1	-80.2%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	0	0	-
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-	0	0	-100.0%
GASOIL 0.1 RDAM BRGS VS I	0	6.32	-100.0%	0	-	0	1	-95.9%
GASOIL 0.1 ROTTERDAM BARG	15	0.26	5689.6%	0.24	6299.9%	4	1	701.2%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-	0	0	-
GASOIL 10PPM VS ICE SWAP	0	0.26	-100.0%	0.57	-100.0%	0	6	-97.4%
GASOIL BULLET SWAP	0	0	-	0	-	0	0	-
GASOIL CALENDAR SWAP	0	0.79	-100.0%	0.29	-100.0%	0	0	-64.1%
GASOIL CRACK SPREAD CALEN	71	451.84	-84.2%	99.24	-28.3%	293	403	-27.4%
GASOIL MINI CALENDAR SWAP	5	4.11	27.6%	0	-	7	8	-19.2%
GROUP THREE ULSD (PLATTS)	0	0	-	0	-	1	0	-
GRP THREE ULSD(PLT)VS HEA	189	269	-29.7%	120.48	57.1%	199	142	39.9%
GRP THREE UNL GS (PLT) VS	140	42.89	227.5%	94.76	48.2%	109	32	245.7%
GULF COAST 3% FUEL OIL BA	45	65.58	-31.2%	37.9	19.0%	67	58	14.7%
GULF COAST JET FUEL CLNDR	16	10.95	46.2%	2	700.0%	8	6	37.1%
GULF COAST JET VS NYM 2 H	1,515	1,394	8.7%	2,258.71	-32.9%	2,294	2,169	5.8%
GULF COAST NO.6 FUEL OIL	3,043	2,876.89	5.8%	3,172.33	-4.1%	3,043	3,137	-3.0%
GULF COAST ULSD CALENDAR	10	28.58	-66.7%	3.81	150.0%	9	19	-52.7%
GULF COAST ULSD CRACK SPR	5	0	-	4.76	0.0%	16	12	27.9%
HEATING OIL BALMO CLNDR S	0	10.26	-100.0%	0	-	1	5	-85.1%
HEATING OIL PHY	193,635	162,723.05	19.0%	176,944.71	9.4%	196,963	163,511	20.5%
HENRY HUB BASIS SWAP	59	538.47	-89.0%	17.14	244.4%	76	436	-82.7%
HENRY HUB FINANCIAL LAST	59	0	-	87.19	-31.8%	72	0	-
HENRY HUB INDEX SWAP FUTU	59	538.47	-89.0%	17.14	244.4%	76	417	-81.9%
HENRY HUB SWAP	6,241	8,898.58	-29.9%	6,293.1	-0.8%	7,883	7,756	1.6%
HOUSTON SHIP CHANNEL BASI	0	51	-100.0%	0	-	0	12	-100.0%
HTG OIL	2	2.53	-9.5%	0	-	1	1	-1.2%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	0	-
ICE BRENT DUBAI SWAP	631	929.47	-32.2%	472.1	33.6%	525	520	0.9%
ICE GASOIL BALMO SWAP	0	0	-	0	-	0	0	-
IN DELIVERY MONTH EUA	0	150	-100.0%	0	-	0	35	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL	0	0	-	0	-	0	0	-100.0%
INDONESIAN COAL ICI4	5	0	-	4.29	27.8%	3	0	-
ISO NEW ENGLAND OFF-PEAK	0	0	-	0	-	0	0	-
ISO NEW ENGLAND PK LMP	0	0	-	0	-	0	0	-100.0%
JAPAN C&F NAPHTHA CRACK S	44	21.21	106.1%	6.43	580.0%	20	22	-12.0%
JAPAN C&F NAPHTHA SWAP	94	160.68	-41.2%	72.86	29.7%	97	86	12.7%
JAPAN NAPHTHA BALMO SWAP	2	34.32	-94.9%	0.71	146.7%	2	10	-82.2%
JET AV FUEL (P) CAR FM ICE GAS S	0	0	-	0	-	0	0	-
JET CIF NWE VS ICE	4	4.74	-25.6%	0	-	6	5	23.2%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-	0	0	-

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CME Group Exchange ADV Report - Monthly

April 2018

Page 8 of 17

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Energy Futures								
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	0	0	-100.0%
JET FUEL UP-DOWN BALMO CL	212	340.95	-37.7%	504.95	-57.9%	369	371	-0.6%
LA CARB DIESEL (OPIS)	0	0	-	0	-	0	0	-
LA CARB DIESEL (OPIS) SWA	15	7.89	96.0%	10.71	44.4%	12	8	44.2%
LA CARBOB GASOLINE(OPIS)S	69	2.63	2523.8%	22.62	205.3%	40	9	362.1%
LA JET FUEL VS NYM NO 2 H	0	0	-	0	-	0	0	-100.0%
LA JET (OPIS) SWAP	125	34.21	266.8%	98.81	27.0%	116	86	35.3%
LLS (ARGUS) VS WTI SWAP	290	299.47	-3.2%	319.67	-9.4%	234	261	-10.3%
LTD NAT GAS	12,562	12,100.74	3.8%	14,685.1	-14.5%	18,258	14,283	27.8%
MARS (ARGUS) VS WTI SWAP	168	159.47	5.4%	108.33	55.2%	177	175	1.5%
MARS (ARGUS) VS WTI TRD M	935	827.63	12.9%	1,080.76	-13.5%	1,398	1,185	18.0%
MARS BLEND CRUDE OIL	17	241.11	-93.1%	18.52	-10.0%	19	121	-84.6%
MCCLOSKEY ARA ARGS COAL	1,088	2,016.37	-46.0%	1,192.05	-8.7%	1,302	2,625	-50.4%
MCCLOSKEY RCH BAY COAL	113	279.95	-59.6%	149.86	-24.6%	171	317	-46.1%
MGF FUT	2	1.84	29.3%	0	-	2	2	-34.8%
MGN1 SWAP FUT	1	4.74	-69.8%	4.43	-67.7%	5	7	-30.2%
MICHIGAN BASIS	0	0	-	0	-	0	32	-100.0%
MICHIGAN MISO	0	0	-	0	-	0	768	-100.0%
MINI GAS EUROBOB OXY NWE ARG	24	26.79	-10.8%	13.62	75.5%	17	20	-16.6%
MINI RBOB V. EBOBARG NWE BRGS	41	12.42	230.5%	3.38	1114.1%	13	15	-12.0%
MINI RBOB V. EBOB(ARGUS) NWE B	96	173.11	-44.4%	60.52	59.0%	76	121	-37.3%
MINY HTG OIL	0	0.05	171.7%	0.14	0.0%	0	0	16.7%
MINY NATURAL GAS	850	1,088.89	-21.9%	949.57	-10.5%	1,622	1,546	4.9%
MINY RBOB GAS	0	0.16	-9.5%	0.1	50.1%	0	0	-40.7%
MINY WTI CRUDE OIL	16,853	10,002.37	68.5%	14,691.52	14.7%	14,479	11,301	28.1%
MJC FUT	9	0	-	10	-9.5%	12	3	268.5%
MNC FUT	164	238.84	-31.4%	181.33	-9.6%	177	224	-21.1%
MONT BELVIEU ETHANE 5 DECIMAL	552	962.05	-42.6%	707.1	-21.9%	749	1,642	-54.4%
MONT BELVIEU ETHANE OPIS BALM	4	10.53	-59.3%	0.71	500.0%	8	24	-66.4%
MONT BELVIEU LDH PROPANE 5 DE	6,585	3,376.16	95.1%	5,773.67	14.1%	6,552	4,672	40.2%
MONT BELVIEU LDH PROPANE OPIS	108	71.89	50.7%	131.24	-17.5%	171	112	52.9%
MONT BELVIEU NATURAL GASOLIN	435	134.42	223.6%	444.86	-2.2%	472	233	102.9%
MONT BELVIEU NATURAL GASOLIN	11	8.16	33.1%	31.67	-65.7%	22	17	27.7%
MONT BELVIEU NORMAL BUTANE 5	2,002	1,559.95	28.3%	1,249.52	60.2%	1,433	1,531	-6.4%
MONT BELVIEU NORMAL BUTANE B	37	21.32	74.3%	49.1	-24.3%	47	52	-10.2%
NAT GAS BASIS SWAP	0	23.84	-100.0%	0	-	0	21	-100.0%
NATURAL GAS	4,616	6,724.74	-31.4%	4,836.19	-4.6%	7,206	7,419	-2.9%
NATURAL GAS FIXED PRICE SWAP F	0	0	-	0	-	0	0	-
NATURAL GAS INDEX	0	0	-	0	-	0	8	-100.0%
NATURAL GAS PEN SWP	1,467	3,221.32	-54.5%	1,255.81	16.8%	1,972	5,183	-62.0%
NATURAL GAS PHY	400,438	416,378.21	-3.8%	347,023.19	15.4%	467,554	426,458	9.6%
NEPOOL CNCTCT 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CONECTIC 5MW D AH	0	0	-	0	-	0	0	-
NEPOOL INTR HUB 5MW D AH	0	3,567.37	-100.0%	0	-	797	2,858	-72.1%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	0	0	-
NEPOOL RHD ISLD 5MW D AH	0	0	-	0	-	0	0	-
NEPOOL RHODE IL 5MW D AH	0	0	-	0	-	0	0	-
NEPOOL W CNT MASS 5MW D A	0	0	-	0	-	0	0	-

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CME Group Exchange ADV Report - Monthly

April 2018

Page 9 of 17

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Energy Futures								
NEPOOL W CNTR M 5MW D AH	0	0	-	0	-	0	0	-
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	72	27.89	158.6%	100	-27.9%	91	30	206.4%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
NGPL MID-CONTINENT	0	0	-	0	-	5	9	-46.9%
NGPL TEX/OK	720	0	-	3.62	19795.0%	278	10	2719.7%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	14	22.37	-36.1%	13.1	9.1%	19	33	-42.5%
NORTHERN NATURAL GAS DEMAR	0	0	-	0	-	0	0	-
NORTHERN NATURAL GAS VENTU	0	0	-	0	-	1	0	-
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	0	19.37	-100.0%	0	-	0	8	-100.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-
NY1% VS GC SPREAD SWAP	40	107.47	-62.7%	128.1	-68.7%	87	135	-35.8%
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-	0	0	-
NY 3.0% FUEL OIL (PLATTS	10	42.11	-77.4%	13.1	-27.3%	12	28	-57.4%
NY HARBOR 1% FUEL OIL BAL	0	1.32	-100.0%	0	-	0	0	-100.0%
NY HARBOR HEAT OIL SWP	72	171.26	-57.7%	44.1	64.3%	73	124	-41.6%
NY HARBOR LOW SULPUR GAS 100C	5	18.16	-73.8%	73.81	-93.5%	30	27	12.5%
NY HARBOR RESIDUAL FUEL 1	29	145.74	-79.8%	64.05	-54.0%	55	169	-67.2%
NYH NO 2 CRACK SPREAD CAL	91	72.32	25.4%	41.29	119.7%	63	91	-30.5%
NYISO A	0	0	-	0	-	0	0	-
NYISO A OFF-PEAK	0	0	-	0	-	0	0	-
NYISO CAPACITY	6	9	-28.0%	12	-46.0%	7	29	-76.5%
NYISO G	0	0	-	0	-	0	0	-
NYISO G OFF-PEAK	0	0	-	0	-	0	0	-
NYISO J	0	0	-	0	-	0	0	-
NYISO J OFF-PEAK	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH O P	0	0	-	0	-	0	116	-100.0%
NYISO ZONE A 5MW D AH PK	0	0	-	0	-	0	83	-100.0%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-	0	0	-
NYISO ZONE C 5MW D AH PK	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	2,194	2,463.16	-10.9%	12,596.19	-82.6%	4,785	3,200	49.5%
NYISO ZONE G 5MW D AH PK	101	157.37	-36.0%	111.43	-9.6%	67	303	-77.8%
NYISO ZONE J 5MW D AH O P	0	1,231.58	-100.0%	0	-	0	1,642	-100.0%
NYISO ZONE J 5MW D AH PK	0	89.74	-100.0%	0	-	0	115	-100.0%
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
NYMEX ULSD VS NYMEX HO	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	0	14.47	-100.0%	0	-	0	87	-100.0%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	0	0	-
ONTARIO POWER SWAPS	0	17.37	-100.0%	0	-	0	8	-98.5%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	3	1	465.9%
PANHANDLE PIPE SWAP	0	0	-	0	-	0	11	-100.0%
PERMIAN BASIS SWAP	0	11.26	-100.0%	0	-	0	3	-100.0%
PETROCHEMICALS	388	106.74	263.1%	302.81	28.0%	301	153	96.8%
PETRO CRCKS & SPRDS ASIA	5	0	-	0	-	6	5	36.3%
PETRO CRCKS & SPRDS NA	2,423	2,221.53	9.1%	1,836.19	31.9%	2,081	2,088	-0.3%

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CME Group Exchange ADV Report - Monthly

April 2018

Page 10 of 17

	ADV APR 2018	ADV APR 2017	% CHG	ADV MAR 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures								
PETRO CRK&SPRD EURO	474	374.68	26.6%	394.38	20.3%	466	453	3.0%
PETROLEUM PRODUCTS	181	171.47	5.3%	163.52	10.5%	278	171	62.5%
PETROLEUM PRODUCTS ASIA	130	110.05	18.0%	76.43	69.9%	120	93	29.4%
PETRO OUTRIGHT EURO	295	323.68	-8.8%	255.86	15.3%	267	371	-28.1%
PETRO OUTRIGHT NA	295	700.32	-57.9%	353.24	-16.6%	356	864	-58.8%
PJM AD HUB 5MW REAL TIME	0	134.21	-100.0%	1,449.76	-100.0%	433	3,492	-87.6%
PJM AECO DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM AECO DA PEAK	0	0	-	0	-	0	0	-
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM APS ZONE DA PEAK	0	0	-	0	-	0	0	-
PJM ATSI ELEC	0	0	-	0	-	0	609	-100.0%
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	0	-	0	-	0	0	-
PJM COMED 5MW D AH O PK	0	2,463.16	-100.0%	0	-	0	1,054	-100.0%
PJM COMED 5MW D AH PK	0	134.21	-100.0%	0	-	0	58	-100.0%
PJM DAILY	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	0	0	-	0	-	0	2,617	-100.0%
PJM DAYTON DA PEAK	0	0	-	0	-	0	65	-100.0%
PJM JCPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM JCPL DA PEAK	0	0	-	0	-	0	0	-
PJM MONTHLY	0	0	-	0	-	0	1	-100.0%
PJM NI HUB 5MW REAL TIME	0	36,688.95	-100.0%	0	-	62	20,272	-99.7%
PJM NILL DA OFF-PEAK	0	26,536.53	-100.0%	0	-	0	8,127	-100.0%
PJM NILL DA PEAK	1	1,031.26	-99.9%	0	-	0	450	-99.9%
PJM OFF-PEAK LMP SWAP FUT	0	0	-	0	-	0	0	-
PJM PPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM PPL DA PEAK	0	0	-	0	-	0	0	-
PJM PSEG DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM PSEG DA PEAK	0	0	-	0	-	0	0	-
PJM WESTH DA OFF-PEAK	1,505	0	-	0	-	956	93	932.7%
PJM WESTHDA PEAK	81	46.32	74.8%	0	-	52	17	213.3%
PJM WESTH RT OFF-PEAK	4,899	34,393.68	-85.8%	0	-	2,111	15,022	-85.9%
PJM WESTH RT PEAK	470	1,674.58	-72.0%	425.9	10.2%	420	1,065	-60.5%
PLASTICS	11	38.05	-70.0%	11.9	-4.0%	19	26	-29.0%
PREMIUM UNLND 10P FOB MED	1	0.53	35.7%	12.62	-94.3%	16	3	467.0%
PREMIUM UNLEAD 10PPM FOB	0	0.74	-100.0%	0.48	-100.0%	2	0	365.7%
PREM UNL GAS 10PPM RDAM FOB B	0	0	-	0	-	1	0	1029.2%
PREM UNL GAS 10PPM RDAM FOB S	0	0	-	0	-	0	0	-69.1%
PROPANE NON-LDHD MB (OPIS) BAL	23	6.42	261.2%	49.29	-52.9%	27	43	-35.6%
PROPANE NON-LDHD MT. BEL (OPIS)	608	274.68	121.5%	706.9	-13.9%	521	453	15.0%
RBOB CALENDAR SWAP	264	381.74	-30.9%	194.29	35.9%	213	363	-41.2%
RBOB CRACK SPREAD	90	18.95	376.5%	25.81	249.8%	54	24	123.0%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-
RBOB GAS	101	84.11	20.5%	91.43	10.8%	163	82	97.7%
RBOB GASOLINE BALMO CLNDR	179	24.79	622.1%	29.33	510.2%	64	30	115.4%
RBOB PHY	193,684	195,875.21	-1.1%	190,136.29	1.9%	197,144	201,039	-1.9%
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	29	32.89	-13.1%	7.14	300.0%	14	118	-88.1%
SAN JUAN BASIS SWAP	0	11.26	-100.0%	0	-	0	3	-85.7%

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CME Group Exchange ADV Report - Monthly

April 2018

Page 11 of 17

	ADV APR 2018	ADV APR 2017	% CHG	ADV MAR 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures								
SAN JUAN PIPE SWAP	17	0	-	0	-	4	0	-
SINGAPORE 180CST BALMO	3	5.79	-49.0%	1.19	148.0%	2	3	-25.7%
SINGAPORE 380CST BALMO	6	16.16	-64.6%	6.33	-9.8%	5	10	-52.3%
SINGAPORE 380CST FUEL OIL	448	509.47	-12.0%	354.24	26.6%	336	620	-45.9%
SINGAPORE FUEL 180CST CAL	63	68.79	-8.3%	26	142.5%	41	67	-38.4%
SINGAPORE FUEL OIL SPREAD	73	35.68	103.5%	76.38	-4.9%	50	44	13.8%
SINGAPORE GASOIL	252	227.58	10.6%	274.81	-8.4%	304	268	13.3%
SINGAPORE GASOIL CALENDAR	8	21.05	-63.8%	5.24	45.5%	58	19	197.7%
SINGAPORE GASOIL SWAP	269	460.37	-41.7%	62.62	328.9%	258	555	-53.5%
SINGAPORE GASOIL VS ICE	444	255.53	73.8%	705.48	-37.1%	903	547	65.2%
SINGAPORE JET KERO BALMO	0	0	-	0	-	2	3	-36.6%
SINGAPORE JET KERO GASOIL	56	119.74	-53.3%	115.48	-51.5%	235	118	99.0%
SINGAPORE JET KEROSENE SW	58	59.21	-2.7%	26.9	114.2%	59	71	-17.0%
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED	14	16.58	-13.8%	10.71	33.3%	20	5	289.3%
SINGAPORE MOGAS 92 UNLEADED	527	403.63	30.5%	640.52	-17.8%	777	426	82.2%
SINGAPORE NAPHTHA SWAP	0	0	-	0	-	2	0	-
SING FUEL	3	0.53	397.6%	0	-	1	0	55.2%
SOCAL PIPE SWAP	0	0	-	0	-	0	0	-
SONAT BASIS SWAP FUTURE	0	0	-	0	-	0	0	-
SOUTH STAR TEX OKLHM KNS	0	0	-	0	-	0	0	-
Sumas Basis Swap	0	36.95	-100.0%	0	-	1	45	-97.5%
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	0	-	0	0	-
TC2 ROTTERDAM TO USAC 37K	1	0	-	8.19	-82.6%	7	0	-
TC5 RAS TANURA TO YOKOHAM	1	0	-	0.95	0.0%	3	0	-
TCO BASIS SWAP	0	256.21	-100.0%	0	-	0	89	-100.0%
TCO NG INDEX SWAP	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	8	0	-	49.05	-84.5%	24	0	-
TENNESSEE 500 LEG BASIS S	0	0	-	0	-	0	5	-100.0%
TENNESSEE 800 LEG NG BASI	0	0	-	0	-	0	0	-
TENNESSEE ZONE 0 BASIS SW	0	0	-	0	-	0	0	-
TETCO M-3 INDEX	0	0	-	0	-	0	0	-
Tetco STX Basis	0	0	-	0	-	0	0	-
TEXAS EASTERN ZONE M-3 BA	0	0	-	0	-	0	93	-100.0%
TEXAS GAS ZONE1 NG BASIS	0	0	-	0	-	0	0	-
Transco Zone 3 Basis	0	15.89	-100.0%	0	-	0	4	-100.0%
TRANSCO ZONE 3 NG INDEX S	0	329.26	-100.0%	0	-	0	77	-100.0%
TRANSCO ZONE4 BASIS SWAP	0	21.21	-100.0%	0	-	0	73	-100.0%
TRANSCO ZONE 4 NAT GAS IN	0	24.47	-100.0%	0	-	0	6	-100.0%
TRANSCO ZONE 6 BASIS SWAP	0	0	-	0	-	0	35	-100.0%
TRANSCO ZONE 6 INDEX	0	0	-	0	-	0	11	-100.0%
UCM FUT	0	1.05	-100.0%	0.95	-100.0%	1	1	-39.0%
ULSD 10PPM CIF MED SWAP	0	0.79	-100.0%	0	-	0	0	-100.0%
ULSD 10PPM CIF MED VS ICE	0	0.79	-100.0%	0	-	0	0	-34.2%
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-	0	0	-
ULSD UP-DOWN BALMO SWP	263	142.89	84.1%	166.67	57.9%	241	211	14.1%
UP DOWN GC ULSD VS NMX HO	1,269	1,721.58	-26.3%	1,472.67	-13.8%	1,693	2,142	-20.9%
WAHA BASIS	40	7.95	402.7%	0	-	36	11	227.6%
WAHA INDEX SWAP FUTURE	0	0	-	0	-	0	0	-

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CME Group Exchange ADV Report - Monthly

April 2018

Page 12 of 17

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Energy Futures								
WESTERN RAIL DELIVERY PRB	0	10.26	-100.0%	0	-	0	9	-98.0%
WTI-BRENT BULLET SWAP	300	0	-	0	-	77	5	1440.4%
WTI-BRENT CALENDAR SWAP	1,708	272.89	525.8%	1,656.95	3.1%	1,856	405	358.0%
WTI CALENDAR	2,053	1,930.37	6.4%	1,409.57	45.6%	1,873	1,845	1.5%
WTS (ARGUS) VS WTI SWAP	175	330	-47.1%	516.1	-66.1%	437	206	112.7%
WTS (ARGUS) VS WTI TRD MT	50	0	-	3.43	1358.3%	16	30	-47.9%
Energy Options								
12 MO GASOIL CAL SWAP SPR	0	0	-	0	-	0	0	-
BRENT 1 MONTH CAL	0	0	-	0	-	37	0	-
BRENT CALENDAR SWAP	0	1.05	-100.0%	0	-	14	24	-43.2%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-	24	0	-
BRENT CRUDE OIL 1 M CSO	6,312	0	-	5,819.05	8.5%	3,107	0	-
BRENT CRUDE OIL 6 M CSO	48	0	-	0	-	12	0	-
BRENT OIL LAST DAY	8,702	1,295	572.0%	7,512.24	15.8%	6,610	1,106	497.7%
COAL API2 INDEX	30	76.05	-60.9%	63.33	-53.0%	49	74	-33.5%
COAL API4 INDEX	0	0	-	0	-	1	0	-
COAL SWAP	0	0	-	0	-	0	3	-100.0%
CRUDE OIL 1MO	11,918	6,514.21	83.0%	4,345.24	174.3%	9,162	8,194	11.8%
CRUDE OIL APO	2,712	2,117.26	28.1%	3,166.76	-14.4%	2,792	1,703	64.0%
CRUDE OIL CALNDR STRIP	8	0	-	0	-	2	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	0	-
CRUDE OIL PHY	181,189	214,071.89	-15.4%	162,656.38	11.4%	185,375	187,009	-0.9%
ELEC MISO PEAK	0	0	-	0	-	0	10	-100.0%
ETHANOL	8	0.79	955.5%	4.76	75.0%	3	5	-25.6%
ETHANOL SWAP	379	311.05	21.9%	344.24	10.1%	409	277	47.4%
EUROPEAN JET KEROSENE NWE (P	0	0	-	0	-	0	0	-
GASOLINE	0	0	-	0	-	0	0	-
HEATING OIL CRACK OPTIONS	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	0	0	-
HEATING OIL PHY	1,216	1,399.21	-13.1%	1,120.29	8.6%	1,640	1,317	24.6%
HENRY HUB FINANCIAL LAST	66	183.16	-64.0%	79.57	-17.1%	176	199	-11.6%
HO 1 MONTH CLNDR OPTIONS	0	68.42	-100.0%	0	-	0	16	-100.0%
LLS CRUDE OIL	0	0	-	0	-	1	63	-98.1%
MCCLOSKEY ARA ARGS COAL	0	0	-	0	-	1	7	-83.5%
MCCLOSKEY RCH BAY COAL	10	0	-	32.14	-70.4%	21	0	-
NATURAL GAS	0	13.16	-100.0%	0	-	0	3	-100.0%
NATURAL GAS 1 M CSO FIN	7	5,773.68	-99.9%	0	-	2,594	2,046	26.8%
NATURAL GAS 2 M CSO FIN	0	0	-	0	-	0	34	-100.0%
NATURAL GAS 3 M CSO FIN	372	302.63	23.0%	1.43	25949.5%	174	243	-28.1%
NATURAL GAS 5 M CSO FIN	52	43.42	20.6%	69.05	-24.1%	31	50	-37.8%
NATURAL GAS 6 M CSO FIN	48	0	-	1,152.38	-95.9%	776	418	85.6%
NATURAL GAS OPTION ON CALEND	218	6.32	3356.2%	62.86	247.3%	224	47	378.5%
NATURAL GAS PHY	66,982	108,455.84	-38.2%	56,530.29	18.5%	111,868	124,560	-10.2%
N ROCKIES PIPE SWAP	0	23.68	-100.0%	0	-	0	19	-100.0%
NY HARBOR HEAT OIL SWP	88	167.89	-47.4%	108.9	-18.8%	143	151	-5.3%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	0	245	-100.0%

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CME Group Exchange ADV Report - Monthly

April 2018

Page 13 of 17

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Energy Options								
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	0	0	-	0	-	0	36	-100.0%
PETROCHEMICALS	24	41.47	-42.6%	0	-	42	55	-23.5%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	4	-100.0%
PETRO OUTRIGHT NA	0	0	-	0	-	0	0	-
PJM WES HUB PEAK CAL MTH	8	25.26	-68.0%	2.86	183.3%	14	31	-56.1%
PJM WES HUB PEAK LMP 50MW	61	92.21	-33.8%	36.38	67.8%	52	122	-57.4%
RBOB 1MO CAL SPD OPTIONS	0	0	-	14.29	-100.0%	6	0	-
RBOB CALENDAR SWAP	22	24.21	-9.5%	7.14	206.7%	11	25	-55.6%
RBOB PHY	398	1,887.79	-78.9%	400.57	-0.7%	568	1,156	-50.9%
ROTTERDAM 3.5%FUEL OIL CL	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	43	14.21	201.6%	0	-	11	11	-1.2%
SHORT TERM	46	80.26	-42.2%	19.05	143.7%	47	98	-51.9%
SHORT TERM NATURAL GAS	85	156.05	-45.6%	50.95	66.6%	94	340	-72.4%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALENDAR	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	6,703	1,645.95	307.2%	7,469.43	-10.3%	6,421	2,360	172.1%
WTI CRUDE OIL 1 M CSO FI	5,595	1,431.58	290.8%	4,125	35.6%	3,915	2,460	59.1%
Metals Futures								
ALUMINUM	839	365.95	129.2%	964.52	-13.1%	910	747	21.8%
COMEX COPPER	147,188	119,304.47	23.4%	119,550.05	23.1%	138,577	100,435	38.0%
COMEX E-Mini GOLD	333	387.89	-14.2%	323.86	2.7%	348	474	-26.5%
COMEX E-Mini SILVER	57	37.89	50.9%	59.9	-4.5%	60	42	43.8%
COMEX GOLD	316,908	242,746.32	30.6%	382,670.57	-17.2%	365,019	260,528	40.1%
COMEX MINY COPPER	25	41.58	-39.2%	19.14	32.1%	29	45	-34.4%
COMEX SILVER	125,036	111,625.42	12.0%	87,729.57	42.5%	107,444	84,446	27.2%
COPPER	33	16.16	103.6%	183.19	-82.0%	123	11	978.0%
E-MICRO GOLD	6,353	4,471.79	42.1%	5,578.52	13.9%	6,331	4,262	48.5%
FERROUS PRODUCTS	71	1.58	4384.7%	37.1	90.9%	112	3	4124.2%
GOLD	0	0	-	0	-	0	0	-
Gold Kilo	3	12.11	-76.4%	1.67	71.4%	2	20	-91.8%
IRON ORE 62 CHINA PLATTS FUTUR	0	0	-	0	-	0	16	-100.0%
IRON ORE 62 CHINA TSI FUTURES	171	597.32	-71.4%	279.52	-38.9%	176	544	-67.7%
LNDN ZINC	0	0.79	-57.8%	0	-	0	0	12.9%
NYMEX HOT ROLLED STEEL	575	62.21	824.2%	459.76	25.1%	503	154	227.2%
NYMEX PLATINUM	20,176	14,767.11	36.6%	26,796.19	-24.7%	21,671	17,638	22.9%
PALLADIUM	6,911	5,150.58	34.2%	4,822.71	43.3%	6,216	5,553	11.9%
SILVER	445	244.37	81.9%	245.24	81.3%	357	243	46.8%
URANIUM	1	10.53	-87.8%	9.52	-86.5%	11	31	-63.9%

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CME Group Exchange ADV Report - Monthly

April 2018

Page 14 of 17

	ADV APR 2018	ADV APR 2017	% CHG	ADV MAR 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Metals Options								
COMEX COPPER	1,160	209.95	452.6%	847.67	36.9%	1,003	197	409.7%
COMEX GOLD	45,683	41,262.74	10.7%	44,789.71	2.0%	46,862	38,694	21.1%
COMEX SILVER	8,438	5,988.63	40.9%	5,987.86	40.9%	7,210	5,169	39.5%
GOLD	1,637	576.58	184.0%	1,643.71	-0.4%	1,714	496	245.7%
HOT ROLLED COIL STEEL CALL OPT	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI CALL OPTIC	0	171.05	-100.0%	9.52	-100.0%	2	97	-97.5%
IRON ORE 62 CHINA TSI PUT OPTIO	0	24.21	-100.0%	17.14	-100.0%	13	157	-91.6%
NYMEX PLATINUM	45	136.58	-67.2%	165.57	-72.9%	153	128	19.6%
PALLADIUM	219	247.47	-11.7%	151.62	44.2%	175	168	4.3%
SILVER	29	6.21	362.3%	47.76	-39.9%	27	7	275.4%
Foreign Exchange Futures								
CHILEAN PESO	81	37.16	119.0%	168.57	-51.7%	145	19	679.8%
Foreign Exchange Options								
AUD/USD PQO 2pm Fix	27	0	-	15.86	68.2%	25	0	-
Ags Futures								
FERTILIZER PRODUCS	31	0	-	21.43	44.4%	53	0	-

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CME Group Exchange ADV Report - Monthly

April 2018

Page 15 of 17

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Ag Products Futures								
BUTTER CS	157	141.21	11.1%	152.81	2.7%	227	147	54.5%
CASH-SETTLED CHEESE	381	459.84	-17.1%	313.24	21.6%	451	565	-20.1%
CATTLE	61,652	66,343	-7.1%	77,223	-20.2%	66,932	62,616	6.9%
CDD SEASONAL STRIP	0	44.74	-100.0%	0	-	0	14	-100.0%
CDD WEATHER	52	0	-	0	-	13	309	-95.7%
CHI WHEAT	165,406	173,323.74	-4.6%	145,014.9	14.1%	157,924	137,809	14.6%
CLASS IV MILK	26	22.68	15.5%	24.95	5.0%	31	67	-54.1%
COCOA TAS	0	0.16	50.8%	0	-	0	1	-90.7%
COFFEE	0	1.05	-100.0%	0	-	0	0	-100.0%
CORN	488,087	460,582.89	6.0%	416,886.43	17.1%	442,656	358,559	23.5%
COTTON	0	0.05	-100.0%	0	-	0	0	-50.6%
DJ_UBS ROLL SELECT INDEX FUTU	105	0	-	78.38	34.3%	56	32	72.4%
DOW-UBS COMMOD INDEX	1,562	3,030.11	-48.5%	6,349.52	-75.4%	3,653	2,842	28.6%
DRY WHEY	43	82.42	-47.4%	32.48	33.4%	58	125	-53.7%
FEEDER CATTLE	16,178	18,720.47	-13.6%	16,176.9	0.0%	14,904	13,488	10.5%
FERTILIZER PRODUCTS	82	63.95	28.8%	116.9	-29.5%	98	73	35.0%
GOLDMAN SACHS	1,466	1,704.84	-14.0%	1,632.62	-10.2%	1,521	1,705	-10.8%
GSCI EXCESS RETURN FUT	77	83.37	-7.6%	5,626.38	-98.6%	1,551	1,274	21.7%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	0	-	6	12	-47.5%
HDD WEATHER EUROPEAN	0	0	-	0	-	0	5	-100.0%
HOGS	45,838	36,343.84	26.1%	54,757.67	-16.3%	49,285	40,042	23.1%
HOUSING INDEX	0	0.21	103.6%	0.43	0.0%	0	1	-41.9%
KC WHEAT	70,082	61,535.79	13.9%	64,807.33	8.1%	73,217	48,270	51.7%
LUMBER	1,074	1,142.37	-6.0%	731.14	46.8%	912	842	8.4%
MALAYSIAN PALM SWAP	178	516.63	-65.5%	181.9	-2.1%	176	478	-63.2%
MILK	906	1,066.47	-15.1%	829.48	9.2%	960	1,352	-29.0%
MINI CORN	533	488.68	9.2%	568.86	-6.2%	511	439	16.6%
MINI SOYBEAN	1,371	660.32	107.6%	1,585.38	-13.5%	1,485	846	75.5%
MINI WHEAT	268	292.47	-8.5%	346.62	-22.8%	288	268	7.4%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	337	120.53	179.9%	266.67	26.5%	277	266	4.1%
OATS	1,043	901.16	15.7%	700.9	48.8%	819	767	6.8%
ROUGH RICE	1,216	1,867.47	-34.9%	422.19	188.0%	897	1,205	-25.5%
SOYBEAN	323,288	242,763.26	33.2%	243,629.43	32.7%	277,703	214,905	29.2%
SOYBEAN MEAL	160,076	125,217.42	27.8%	109,283.24	46.5%	141,535	101,842	39.0%
SOYBEAN OIL	152,865	138,928.42	10.0%	104,060.67	46.9%	134,461	120,993	11.1%
S&P GSCI ENHANCED ER SWAP	0	0	-	358.29	-100.0%	229	421	-45.5%
SUGAR 11	3	0	-	0	-	1	0	218.3%
USD CRUDE PALM OIL	15	12.63	20.6%	19.05	-20.0%	18	15	17.5%
WHEAT	298	628.79	-52.6%	525.24	-43.2%	326	529	-38.4%

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CME Group Exchange ADV Report - Monthly

April 2018

Page 16 of 17

	ADV APR 2018	ADV APR 2017	% CHG	ADV MAR 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Ag Products Options								
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
BUTTER CS	246	52.79	366.9%	82.71	198.0%	162	59	176.7%
CASH-SETTLED CHEESE	403	368.42	9.4%	273.1	47.6%	469	375	25.0%
CATTLE	14,375	14,516.84	-1.0%	15,751.38	-8.7%	13,598	13,054	4.2%
CDD SEASONAL STRIP	0	94.74	-100.0%	0	-	0	35	-100.0%
CDD WEATHER	0	0	-	0	-	0	580	-100.0%
CHI WHEAT	36,932	32,334.95	14.2%	40,013.62	-7.7%	38,786	30,150	28.6%
CLASS IV MILK	45	88.95	-49.2%	13.76	228.0%	46	76	-39.8%
CORN	106,508	95,834.68	11.1%	120,534.81	-11.6%	96,171	87,700	9.7%
CORN NEARBY+2 CAL SPRD	0	5.58	-91.5%	135.62	-99.6%	82	31	161.3%
DEC-DEC CORN CAL SPRD	17	13.53	23.9%	35.9	-53.3%	17	18	-2.5%
DEC-JULY CORN CAL SPRD	0	0	-	0	-	0	48	-100.0%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-	0	0	-
DRY WHEY	11	31.89	-66.3%	16.86	-36.2%	21	23	-10.3%
FEEDER CATTLE	1,627	2,532.63	-35.8%	2,164.62	-24.9%	1,748	1,756	-0.4%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	0	0	-	0	-	0	15	-100.0%
HDD WEATHER EUROPEAN	0	0	-	0	-	0	19	-100.0%
HOGS	10,041	9,046	11.0%	10,641.86	-5.6%	9,333	8,686	7.5%
HOUSING INDEX	0	0	-	0	-	0	0	-100.0%
Intercommodity Spread	9	0	-	32	-73.2%	90	2	3526.8%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-
JULY-DEC CORN CAL SPRD	224	221.68	1.0%	200	11.9%	114	93	22.5%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	5	-100.0%
JULY-DEC WHEAT CAL SPRD	12	0	-	10.71	8.9%	9	14	-38.2%
JULY-NOV SOYBEAN CAL SPRD	482	490.42	-1.6%	925.9	-47.9%	562	644	-12.8%
KC WHEAT	4,568	2,160.95	111.4%	5,760.29	-20.7%	4,827	1,752	175.6%
LUMBER	91	85.95	5.8%	73.86	23.1%	92	62	47.2%
LV CATL CSO	0	10.53	-95.5%	0.24	100.0%	0	13	-98.1%
MAR-JULY CORN CAL SPRD	0	0	-	0	-	0	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	2	17	-85.6%
MILK	1,344	1,585.95	-15.2%	1,075.57	25.0%	1,285	1,806	-28.8%
MLK MID OPTIONS	4	1	314.3%	1.86	123.1%	3	4	-36.9%
NFD MILK	438	111.68	292.0%	287.9	52.1%	292	238	22.4%
NOV-DEC SOYBEAN CSO	3	0	-	0	-	1	0	-
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-96.0%
NOV-NOV SOYBEAN CAL SPRD	0	0.63	-69.8%	0	-	0	1	-83.1%
OATS	17	54.89	-68.3%	33.14	-47.4%	23	58	-60.5%
ROUGH RICE	41	109.53	-62.3%	37.9	8.8%	59	70	-16.0%
SOYBEAN	89,140	55,143.89	61.7%	85,772.24	3.9%	83,868	61,717	35.9%
SOYBEAN CRUSH	0	5.53	-91.4%	1.48	-67.7%	1	4	-72.5%
SOYBEAN MEAL	15,742	8,006.16	96.6%	16,926.81	-7.0%	16,630	8,653	92.2%
SOYBEAN OIL	5,208	8,840.63	-41.1%	6,775.29	-23.1%	6,190	8,639	-28.3%
SOYBN NEARBY+2 CAL SPRD	0	10.53	-100.0%	0	-	0	12	-100.0%
SOYMEAL NEARBY+2 CAL SPRD	19	0	-	0	-	5	0	-
WHEAT	0	32.16	-100.0%	4.76	-100.0%	7	8	-18.6%
WHEAT-CORN ICSD	14	40	-64.3%	0	-	29	40	-27.9%
WHEAT NEARBY+2 CAL SPRD	21	73.58	-71.5%	44.29	-52.7%	84	64	32.3%

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CME Group Exchange ADV Report - Monthly

April 2018

Page 17 of 17

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TOTAL FUTURES GROUP								
Interest Rate Futures	5,727,615	5,649,858.37	1.4%	8,083,869.1	-29.1%	8,079,262	6,530,966	23.7%
Equity Index Futures	2,631,828	1,900,192.16	38.5%	3,512,660.62	-25.1%	2,907,477	2,005,698	45.0%
Metals Futures	625,125	499,844.05	25.1%	629,731.05	-0.7%	647,889	475,191	36.3%
Energy Futures	2,317,512	2,192,934.26	5.7%	2,096,315.91	10.6%	2,381,071	2,170,554	9.7%
FX Futures	767,392	715,285.16	7.3%	1,046,563.52	-26.7%	949,680	798,290	19.0%
Foreign Exchange Futures	81	37.16	119.0%	168.57	-51.7%	145	19	679.8%
Ags Futures	31	0	-	21.43	44.4%	53	0	-
Ag Products Futures	1,494,667	1,337,091	11.8%	1,252,703	19.3%	1,373,183	1,113,122	23.4%
TOTAL FUTURES	13,564,252	12,295,242.16	10.3%	16,622,033.19	-18.4%	16,338,761.72	13,093,839.91	24.8%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,936,976	2,614,269.79	-25.9%	2,629,064.9	-26.3%	2,771,779	2,425,856	14.3%
Equity Index Options	797,069	692,205.74	15.1%	883,725.43	-9.8%	1,011,162	714,058	41.6%
Metals Options	57,211	48,623.42	17.7%	53,660.57	6.6%	57,160	45,112	26.7%
Energy Options	293,350	346,223.74	-15.3%	255,194.57	15.0%	336,429	334,520	0.6%
FX Options	64,588	72,768.11	-11.2%	72,765.19	-11.2%	81,613	68,036	20.0%
Ag Products Options	287,585	231,906.68	24.0%	307,628.48	-6.5%	274,605	226,543	21.2%
Foreign Exchange Options	27	0	-	15.86	68.2%	25	0	-
TOTAL OPTIONS	3,436,806	4,005,997.47	-14.2%	4,202,055	-18.2%	4,532,772.06	3,814,123.64	18.8%
TOTAL COMBINED								
FX	831,980	788,053.26	5.6%	1,119,328.71	-25.7%	1,031,293	866,326	19.0%
Equity Index	3,428,898	2,592,397.89	32.3%	4,396,386.05	-22.0%	3,918,639	2,719,755	44.1%
Interest Rate	7,664,591	8,264,128.16	-7.3%	10,712,934	-28.5%	10,851,041	8,956,821	21.1%
Energy	2,610,862	2,539,158	2.8%	2,351,510.48	11.0%	2,717,500	2,505,074	8.5%
Metals	682,336	548,467.47	24.4%	683,391.62	-0.2%	705,049	520,303	35.5%
Foreign Exchange	108	37.16	190.8%	184.43	-41.4%	170	19	815.0%
Ags	31	0	-	21.43	44.4%	53	0	-
Ag Products	1,782,251	1,568,997.68	13.6%	1,560,331.48	14.2%	1,647,788	1,339,665	23.0%
GRAND TOTAL	17,001,058	16,301,239.63	4.3%	20,824,088.19	-18.4%	20,871,533.78	16,907,963.55	23.4%

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