

CME Group Exchange ADV Report - Monthly

November 2018

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	ADV NOV 2018	ADV NOV 2017	% CHG	ADV OCT 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
FX Futures								
AD/CD CROSS RATES	0	0	-	0	-	0	4	-93.0%
AD/JY CROSS RATES	147	74.62	97.2%	136.65	7.7%	200	128	55.3%
AD/NE CROSS RATES	3	2.43	21.6%	1.48	99.7%	3	5	-27.6%
AUSTRALIAN DOLLAR	106,146	94,297.57	12.6%	96,753.22	9.7%	111,684	95,618	16.8%
BDI	0	0	-	0	-	0	27	-100.0%
BP/JY CROSS RATES	101	200.9	-49.9%	113.87	-11.6%	149	155	-4.1%
BP/SF CROSS RATES	8	8.33	-1.7%	14.22	-42.4%	17	4	320.7%
BRAZIL REAL	4,263	4,730.52	-9.9%	6,121.09	-30.3%	6,660	4,563	45.9%
BRITISH POUND	136,807	140,038.86	-2.3%	104,679.78	30.7%	128,810	121,568	6.0%
CANADIAN DOLLAR	73,561	67,637.52	8.8%	72,499.04	1.5%	82,038	75,676	8.4%
CD/JY CROSS RATES	0	0	-	4.35	-100.0%	6	6	-7.2%
CHINESE RENMINBI (CNH)	990	99.9	891.1%	793.48	24.8%	424	76	457.7%
CZECK KORUNA (EC)	0	0	-	0	-	0	0	-
CZECK KORUNA (US)	0	0	-	0	-	0	0	-
EC/AD CROSS RATES	68	81.95	-17.0%	80.87	-15.9%	110	150	-26.4%
EC/CD CROSS RATES	37	111.52	-66.5%	55.78	-33.1%	159	209	-24.0%
EC/NOK CROSS RATES	8	36.48	-77.4%	10.22	-19.4%	18	13	43.2%
EC/SEK CROSS RATES	5	58.33	-91.0%	5.96	-12.1%	35	38	-9.1%
EFX/BP CROSS RATES	2,975	3,353.95	-11.3%	2,713.13	9.6%	4,011	3,751	6.9%
EFX/JY CROSS RATES	2,058	2,682.14	-23.3%	2,874.78	-28.4%	3,970	3,266	21.6%
EFX/SF CROSS RATES	1,000	821.86	21.6%	1,241.78	-19.5%	1,427	1,738	-17.9%
E-MICRO AUD/USD	5,859	3,981.9	47.2%	4,820.91	21.5%	5,180	4,097	26.4%
E-MICRO CAD/USD	745	840.48	-11.3%	627.74	18.7%	817	965	-15.3%
E-MICRO CHF/USD	71	64.1	10.0%	64.91	8.6%	70	48	47.0%
E-MICRO EUR/USD	15,459	10,846.29	42.5%	15,119.74	2.2%	17,402	11,991	45.1%
E-MICRO GBP/USD	2,543	2,648.62	-4.0%	1,199.48	112.0%	2,195	2,737	-19.8%
E-MICRO INR/USD	285	163	75.1%	340.52	-16.2%	236	126	87.1%
E-MICRO JPY/USD	1,151	1,802.14	-36.1%	1,359.57	-15.3%	1,427	1,851	-22.9%
E-MINI EURO FX	4,040	4,274.19	-5.5%	4,164.13	-3.0%	4,837	4,484	7.9%
E-MINI JAPANESE YEN	447	519.81	-14.1%	634.17	-29.6%	609	1,340	-54.5%
EURO FX	220,319	218,745.33	0.7%	235,608.3	-6.5%	273,411	220,752	23.9%
HUNGARIAN FORINT (EC)	2	0	-	1.74	9.5%	0	0	-
HUNGARIAN FORINT (US)	7	0	-	3.22	125.0%	3	0	-
INDIAN RUPEE	4,730	3,326.43	42.2%	5,488.83	-13.8%	4,357	1,852	135.2%
JAPANESE YEN	128,929	166,488.71	-22.6%	157,567.09	-18.2%	145,146	166,627	-12.9%
KOREAN WON	44	7.14	517.3%	42.48	3.8%	26	2	1183.2%
MEXICAN PESO	62,032	48,836.62	27.0%	65,541.26	-5.4%	67,675	50,676	33.5%
NEW ZEALND DOLLAR	29,754	24,700.1	20.5%	22,032.22	35.0%	29,933	25,083	19.3%
NKR/USD CROSS RATE	140	76.57	82.4%	326.13	-57.2%	251	98	157.7%
POLISH ZLOTY (EC)	1	0.9	15.8%	0.52	100.8%	1	2	-49.1%
POLISH ZLOTY (US)	3	14.9	-82.7%	7.39	-65.2%	5	16	-70.4%
RMB USD	2	0.05	3901.7%	0.09	2089.4%	0	1	-79.8%
RUSSIAN RUBLE	2,345	2,654.19	-11.6%	1,864.48	25.8%	2,808	2,421	16.0%
S.AFRICAN RAND	1,936	1,867.95	3.7%	1,534.04	26.2%	2,240	2,604	-14.0%
SF/JY CROSS RATES	0	0	-	0	-	1	0	519.4%
SHEKEL	0	1.67	-100.0%	0.57	-100.0%	11	2	434.7%
SKR/USD CROSS RATES	140	71.43	96.5%	317.52	-55.8%	239	122	95.8%
SWISS FRANC	23,029	25,104.24	-8.3%	24,541.83	-6.2%	28,488	27,111	5.1%
TURKISH LIRA	15	17.62	-16.2%	55.57	-73.4%	158	82	92.2%

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FX Futures								
USDZAR	0	0	-	0.43	-100.0%	0	0	-
FX Options								
AUD/USD PQO 2pm Fix	7,105	4,804.57	47.9%	5,646	25.8%	6,306	5,355	17.8%
AUSTRALIAN DLR (EU)	0	0	-	0	-	0	0	-100.0%
AUSTRALIAN DOLLAR	0	0	-	0	-	0	921	-100.0%
BRITISH POUND	0	0	-	0	-	0	2,062	-100.0%
BRITISH POUND (EU)	0	8.48	-98.9%	0.09	9.4%	1	19	-93.7%
CAD/USD PQO 2pm Fix	5,733	6,731.19	-14.8%	7,295.7	-21.4%	7,605	6,802	11.8%
CANADIAN DOLLAR	0	0	-	0	-	0	827	-100.0%
CANADIAN DOLLAR (EU)	0	1.19	-100.0%	0	-	0	1	-53.9%
CHF/USD PQO 2pm Fix	41	119.24	-66.0%	122.61	-66.9%	128	161	-20.5%
EFX/JY CROSS RATES	0	0	-	0	-	12	0	-
EURO FX	0	0	-	0	-	0	5,712	-100.0%
EURO FX (EU)	0	0.76	-100.0%	0	-	0	2	-88.4%
EUR/USD PQO 2pm Fix	29,176	39,611.19	-26.3%	29,069.87	0.4%	35,207	31,122	13.1%
GBP/USD PQO 2pm Fix	17,824	18,769	-5.0%	15,224.83	17.1%	13,134	10,749	22.2%
JAPANESE YEN	0	0	-	0	-	0	2,495	-100.0%
JAPANESE YEN (EU)	0	0.1	-100.0%	0	-	0	1	-100.0%
JPY/USD PQO 2pm Fix	11,588	13,226.52	-12.4%	13,748.09	-15.7%	12,449	12,701	-2.0%
MEXICAN PESO	77	99.33	-22.4%	108.65	-29.0%	98	161	-39.1%
NEW ZEALND DOLLAR	48	0	-	0.7	6862.1%	4	0	-
SWISS FRANC	0	0	-	0	-	0	25	-100.0%
SWISS FRANC (EU)	0	0	-	0	-	0	0	-100.0%

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Equity Index Futures								
BITCOIN FUTURES	5,988	0	-	2,485.09	141.0%	3,635	0	-
DJ US REAL ESTATE	1,224	1,415.05	-13.5%	1,064.83	14.9%	2,067	1,349	53.2%
E-mini (\$5) Dow	232,668	128,939.48	80.4%	308,182.7	-24.5%	230,148	129,945	77.1%
E-mini FTSE 100 (USD)	62	52.05	19.5%	79.43	-21.7%	67	9	646.7%
E-mini FTSE China 50	24	209.71	-88.7%	42.87	-44.7%	48	84	-41.9%
E-MINI MIDCAP	17,287	13,453.19	28.5%	23,122.39	-25.2%	18,692	16,774	11.4%
E-MINI NASDAQ 100	623,524	308,652.9	102.0%	725,390.91	-14.0%	472,149	272,870	73.0%
E-MINI RUSSELL 1000	500	398.05	25.7%	594	-15.8%	672	195	245.3%
E-MINI RUSSELL 1000 GROWTH	542	381.71	42.1%	480.74	12.8%	527	172	205.8%
E-MINI RUSSELL 1000 VALUE	615	761.95	-19.3%	613.22	0.3%	712	354	100.8%
E-MINI RUSSELL 2000	149,070	107,264.9	39.0%	186,966.26	-20.3%	141,933	33,362	325.4%
E-MINI S&P500	1,769,201	1,317,244.57	34.3%	2,311,113.43	-23.4%	1,690,209	1,450,206	16.5%
E-MINI S&P REAL ESTATE SELECT S	375	77.62	382.6%	447.43	-16.3%	379	271	39.7%
FT-SE 100	56	55.86	-0.5%	60.43	-8.0%	60	29	105.2%
FTSE Emerging	142	12.67	1019.9%	35.52	299.4%	35	3	1007.4%
IBOVESPA INDEX	6	28.1	-76.9%	81.65	-92.1%	53	31	68.7%
NASDAQ BIOTECH	5	17.05	-72.1%	0	-	30	16	89.4%
NIFTY 50	0	684.24	-100.0%	0	-	235	569	-58.8%
NIKKEI 225 (\$) STOCK	12,946	20,242.71	-36.0%	17,485.57	-26.0%	14,821	13,103	13.1%
NIKKEI 225 (YEN) STOCK	40,881	54,793.62	-25.4%	56,816.22	-28.0%	42,457	43,714	-2.9%
S&P 500	4,691	3,726.71	25.9%	5,555.17	-15.6%	6,512	5,691	14.4%
S&P 500/GI	0	0.05	-100.0%	0	-	0	1	-71.0%
S&P 500/VALUE	838	581.52	44.2%	1,897.09	-55.8%	717	912	-21.4%
S&P 600 SMALLCAP EMINI	0	0	-	0	-	0	0	-
S&P CONSUMER DSCRTNRY SECTC	1,124	188.29	496.7%	1,729.09	-35.0%	937	338	176.7%
S&P CONSUMER STAPLES SECTOR	713	322.86	120.9%	1,261.35	-43.5%	1,164	734	58.6%
S&P ENERGY SECTOR	1,855	384.86	382.1%	1,859.7	-0.2%	1,653	739	123.7%
S&P FINANCIAL SECTOR	2,247	699.38	221.2%	3,159.39	-28.9%	2,452	1,327	84.7%
S&P HEALTH CARE SECTOR	1,369	266.9	412.9%	1,189.3	15.1%	927	709	30.7%
S&P INDUSTRIAL SECTOR	959	356.9	168.8%	1,329.57	-27.8%	858	411	108.7%
S&P MATERIALS SECTOR	559	442.95	26.1%	896.91	-37.7%	596	406	46.6%
S&P TECHNOLOGY SECTOR	2,524	350.48	620.1%	4,136.22	-39.0%	1,690	457	269.7%
S&P UTILITIES SECTOR	1,648	644.05	155.9%	2,333.52	-29.4%	1,945	1,226	58.6%
YEN DENOMINATED TOPIX	28	0	-	36.7	-22.5%	25	0	-

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Equity Index Options								
E-mini (\$5) Dow	428	459.81	-6.9%	473.61	-9.6%	460	277	66.1%
E-MINI NASDAQ 100	11,873	16,742.24	-29.1%	13,946.57	-14.9%	11,566	11,652	-0.7%
E-MINI RUSSELL 2000	529	912.05	-42.0%	726.13	-27.1%	617	179	244.9%
E-MINI S&P500	314,584	258,702.95	21.6%	319,261.3	-1.5%	280,497	202,571	38.5%
EOM E-MINI RUSSELL 2000 END OF	501	166.33	201.4%	307.09	63.3%	321	65	393.2%
EOM EMINI S&P	111,255	110,314.48	0.9%	172,315.7	-35.4%	124,983	96,257	29.8%
EOM S&P 500	7,487	13,238.29	-43.4%	7,090.96	5.6%	8,590	9,138	-6.0%
EOW1 E-MINI RUSSELL 2000 WEEKL	81	78.14	3.7%	148.74	-45.5%	98	28	242.5%
EOW1 E-MINI RUSSELL 2000 WEEKL	92	84	9.8%	137.17	-32.8%	121	29	321.7%
EOW1 EMINI S&P 500	55,438	59,372.14	-6.6%	68,052.26	-18.5%	53,394	51,106	4.5%
EOW1 S&P 500	1,640	5,143.24	-68.1%	4,731.57	-65.3%	3,813	4,251	-10.3%
EOW2 E-MINI RUSSELL 2000 WEEKL	253	237	6.9%	263.04	-3.7%	238	50	372.9%
EOW2 EMINI S&P 500	62,388	57,853.86	7.8%	88,411.26	-29.4%	61,760	50,851	21.5%
EOW2 S&P 500	6,331	11,596.29	-45.4%	10,648.57	-40.5%	7,433	8,275	-10.2%
EOW3 E-MINI RUSSELL 2000 WEEKL	666	573.52	16.0%	840.09	-20.8%	894	240	273.1%
EOW3 EMINI S&P 500	152,338	142,513.81	6.9%	275,216.13	-44.6%	174,289	160,422	8.6%
EOW3 S&P 500	8,320	16,204.62	-48.7%	10,628.22	-21.7%	12,804	17,249	-25.8%
EOW4 E-MINI RUSSELL 2000 WEEKL	225	148.05	51.8%	314.78	-28.6%	250	50	399.4%
EOW4 EMINI S&P 500	47,175	42,520.71	10.9%	81,103.43	-41.8%	53,533	45,612	17.4%
S&P 500	19,478	20,746.9	-6.1%	14,174.43	37.4%	14,931	15,475	-3.5%
Interest Rate Futures								
10-YR NOTE	2,348,641	1,976,065.48	18.9%	2,091,259.43	12.3%	1,834,990	1,523,639	20.4%
10-YR SWAP RATE	782	1,369.57	-42.9%	651.83	20.0%	1,902	2,276	-16.4%
1-MONTH EURODOLLAR	0	210.48	-100.0%	0	-	137	235	-41.9%
2-YR NOTE	956,595	700,780.86	36.5%	444,626.52	115.1%	544,183	394,101	38.1%
30-YR BOND	490,446	391,076.71	25.4%	447,869.65	9.5%	369,299	295,333	25.0%
30-YR SWAP RATE	0	6.33	-100.0%	0	-	4	45	-90.6%
5-YR NOTE	1,761,424	1,321,014.71	33.3%	1,111,357.7	58.5%	1,148,552	917,378	25.2%
5-YR SWAP RATE	752	1,029	-26.9%	687.74	9.4%	1,139	2,178	-47.7%
EURODOLLARS	2,807,013	2,361,894.24	18.8%	3,167,037.96	-11.4%	2,988,087	2,567,166	16.4%
FED FUND	268,165	132,897.67	101.8%	278,663.78	-3.8%	247,162	195,044	26.7%
SOFR	11,889	0	-	8,040.65	47.9%	3,450	0	-
SONIA	5,949	0	-	2,669.52	122.8%	803	0	-
Ultra 10-Year Note	256,112	195,383.33	31.1%	178,065.48	43.8%	187,863	116,457	61.3%
ULTRA T-BOND	303,805	237,601.95	27.9%	171,654.35	77.0%	187,197	136,459	37.2%

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Interest Rate Options								
10-YR NOTE	947,503	469,374.9	101.9%	877,717.74	8.0%	668,077	523,429	27.6%
2-YR NOTE	15,045	13,460.52	11.8%	17,842.74	-15.7%	24,157	8,762	175.7%
30-YR BOND	175,856	91,532.9	92.1%	220,395.48	-20.2%	140,607	108,349	29.8%
5-YR NOTE	247,193	105,564.43	134.2%	157,656.52	56.8%	163,349	120,862	35.2%
EURODOLLARS	509,896	490,342.76	4.0%	734,913.96	-30.6%	688,289	617,623	11.4%
EURO MIDCURVE	780,560	858,275.52	-9.1%	716,681.04	8.9%	727,078	771,138	-5.7%
FED FUND	24	3.1	676.9%	0	-	79	73	7.5%
Ultra 10-Year Note	3	0	-	1.74	64.3%	1	37	-98.5%
ULTRA T-BOND	1,262	189.95	564.2%	529.3	138.4%	405	150	171.1%
Energy Futures								
3.5% FUEL OIL CID MED SWA	0	3.33	-100.0%	1.74	-100.0%	3	4	-41.1%
3.5% FUEL OIL CIF BALMO S	0	0	-	0	-	0	1	-45.9%
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	868	2,626.19	-67.0%	1,015.48	-14.6%	1,039	693	50.0%
ARGUS PROPAN FAR EST INDE	266	187.24	42.3%	340.39	-21.7%	282	123	129.2%
ARGUS PROPAN(SAUDI ARAMCO	130	52.67	146.5%	139.26	-6.8%	134	50	169.8%
AUSTRIALIAN COKE COAL	0	5.71	-100.0%	0	-	0	5	-98.2%
BRENT BALMO SWAP	0	0	-	0	-	1	3	-50.9%
BRENT CALENDAR SWAP	101	121.67	-16.8%	231	-56.2%	165	133	23.8%
BRENT CFD SWAP	0	0	-	0	-	1	0	-
BRENT FINANCIAL FUTURES	48	50.57	-5.8%	156.52	-69.6%	91	188	-51.3%
BRENT OIL LAST DAY	108,108	74,779.52	44.6%	98,686.39	9.5%	86,918	88,941	-2.3%
CAISO SP15 EZGNHUB5 MW P	0	0	-	0	-	0	34	-100.0%
CAISO SP15 EZGNHUB5 PEAK	0	0	-	0	-	0	0	-
CANADIAN LIGHT SWEET OIL	0	0	-	0	-	0	32	-100.0%
CENTERPOINT BASIS SWAP	0	22.14	-100.0%	0	-	0	4	-96.4%
CEU ENERGY	338	0	-	24.74	1265.3%	306	0	-
CHICAGO ETHANOL SWAP	4,143	5,214.81	-20.5%	3,382.43	22.5%	4,545	5,399	-15.8%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-
CHICAGO ULSD PL VS HO SPR	44	7.38	501.3%	14.13	214.1%	22	7	204.4%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	4	0	-
CIG BASIS	0	34.76	-100.0%	1.09	-100.0%	1	6	-84.9%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-	0	3	-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	0	-	0	-	0	1,412	-100.0%
CIN HUB 5MW D AH PK	26	28.57	-10.3%	36.78	-30.4%	53	79	-32.6%
CIN HUB 5MW REAL TIME O P	0	0	-	0	-	0	1,719	-100.0%
CIN HUB 5MW REAL TIME PK	0	0	-	0	-	6	111	-94.2%

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	ADV NOV 2018	ADV NOV 2017	% CHG	ADV OCT 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Energy Futures								
COAL SWAP	3	3.33	-14.3%	0	-	2	7	-66.1%
COLUMB GULF MAINLINE NG B	0	0	-	0	-	0	4	-100.0%
COLUMBIA GULF ONSHORE	0	0	-	0	-	0	6	-100.0%
CONWAY NATURAL GASOLINE (OPI	44	5.71	663.3%	4.96	780.0%	11	13	-10.4%
CONWAY NORMAL BUTANE (OPIS) S	3	3.57	-6.7%	3.91	-14.8%	12	35	-64.9%
CONWAY PROPANE 5 DECIMALS S	654	502.38	30.1%	733.43	-10.9%	754	429	76.0%
CRUDE OIL	171	858.24	-80.0%	150	14.3%	279	505	-44.8%
CRUDE OIL OUTRIGHTS	1,927	2,953.86	-34.8%	2,472.13	-22.1%	2,654	1,406	88.8%
CRUDE OIL PHY	1,313,365	1,315,986	-0.2%	1,065,517.57	23.3%	1,222,907	1,254,754	-2.5%
CRUDE OIL SPRDS	510	2,042.14	-75.0%	366.87	39.1%	1,799	609	195.6%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
DAILY PJM	0	0	-	0	-	0	0	-
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	0	6	-100.0%
DATED TO FRONTLINE BRENT	0	19.05	-100.0%	6.52	-100.0%	14	63	-76.8%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-	0	0	-100.0%
DOMINION TRAN INC - APP I	0	139.05	-100.0%	0	-	0	13	-100.0%
DOMINION TRANSMISSION INC	0	214.67	-100.0%	0	-	1	230	-99.8%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	1	0	-
DUBAI CRUDE OIL CALENDAR	729	198.19	267.7%	2,059.57	-64.6%	430	355	21.3%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-	0	6	-100.0%
EASTERN RAIL DELIVERY CSX	0	0.71	-100.0%	0	-	1	21	-95.0%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-	1	5	-85.2%
EIA FLAT TAX ONHWAY DIESE	15	5.52	169.8%	13.39	11.3%	14	33	-58.7%
ELEC ERCOT DLY OFF PK	0	0	-	0	-	0	0	-
ELEC ERCOT DLY PEAK	0	0	-	0	-	0	0	-
ELEC ERCOT OFF PEAK	0	0	-	0	-	84	0	-
ELEC FINSETTLED	0	0	-	0	-	0	0	-
ELEC MISO PEAK	0	0	-	0	-	0	17	-100.0%
ELEC NYISO OFF-PEAK	0	0	-	0	-	0	304	-100.0%
ELECTRICITY ERCOT PEAK	0	0	-	0	-	0	3	-100.0%
ELECTRICITY OFF PEAK	2,637	0	-	0	-	239	0	-
ELEC WEST POWER OFF-PEAK	0	0	-	0	-	0	0	-
ELEC WEST POWER PEAK	0	0	-	0	-	0	7	-100.0%
ERCOT DAILY 5MW PEAK	0	0	-	0	-	0	0	-
ERCOT HOUSTON Z MCPE 5MW PEA	0	0	-	0	-	8	17	-50.0%
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPE	0	1,866.67	-100.0%	0	-	84	498	-83.0%
ERCOT NORTH ZMCPE 5MW PEAK	0	100	-100.0%	0	-	22	29	-26.2%
ETHANOL	588	473.48	24.1%	406.35	44.6%	437	601	-27.3%
ETHANOL SWAP	13	0	-	3.04	322.4%	3	0	-
ETHANOL T2 FOB ROTT INCL DUTY	308	264.71	16.2%	217.22	41.6%	163	191	-14.5%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	0	82.5%
EURO 3.5% FUEL OIL RDAM B	11	35.24	-68.2%	7.04	58.9%	24	21	15.8%
EURO 3.5% FUEL OIL SPREAD	0	8.57	-100.0%	0.26	-100.0%	4	19	-81.3%
EURO-DENOMINATED PETRO PROD	0	0	-	0	-	3	7	-57.9%
EURO GASOIL 10PPM VS ICE	0	0.24	-100.0%	0	-	2	2	-14.3%
EUROPE 1% FUEL OIL NWE CA	6	0	-	2.61	119.0%	2	3	-23.3%
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-	0	0	-92.4%

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Energy Futures								
EUROPE 3.5% FUEL OIL MED	0	15.24	-98.7%	6.91	-97.2%	4	7	-42.0%
EUROPE 3.5% FUEL OIL RDAM	153	414.05	-63.1%	144.91	5.3%	332	338	-1.7%
EUROPEAN GASOIL (ICE)	60	70.95	-15.8%	58.87	1.4%	30	133	-77.6%
EUROPEAN NAPHTHA BALMO	9	6.43	36.3%	19.43	-54.9%	13	16	-17.2%
EUROPEAN NAPHTHA CRACK SPR	406	359.1	13.0%	693.83	-41.5%	446	326	36.7%
EUROPE DATED BRENT SWAP	120	0	-	48.26	148.6%	20	11	85.0%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	0	0	-63.0%
EUROPE NAPHTHA CALSWAP	124	93.48	33.2%	226.26	-45.0%	164	129	27.7%
EURO PROPANE CIF ARA SWA	98	82.86	17.9%	126.7	-22.9%	88	62	41.7%
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-	0	0	-
FREIGHT MARKETS	74	0.86	8522.6%	72.83	1.5%	34	7	383.6%
FUEL OIL CRACK VS ICE	69	75.62	-9.2%	122.39	-43.9%	162	171	-5.2%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	1	0	-
FUEL OIL (PLATS) CAR CM	0	0	-	0	-	1	0	666.5%
FUEL OIL (PLATS) CAR CN	0	0	-	0	-	1	0	-
FUELOIL SWAP:CARGOES VS.B	1	8.14	-91.2%	4.17	-82.9%	9	13	-28.7%
GAS EURO-BOB OXY NWE BARGES	253	152.24	66.3%	311.13	-18.6%	352	298	18.0%
GAS EURO-BOB OXY NWE BARGES	609	813.76	-25.2%	915.48	-33.5%	854	902	-5.3%
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-	0	0	-
GASOIL 0.1CIF MED VS ICE	0	0	-	0	-	0	0	-80.1%
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	5.71	-100.0%	0	-	0	1	-96.6%
GASOIL 0.1 ROTTERDAM BARG	1	2.14	-42.2%	0.65	89.8%	6	1	861.0%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-	0	0	-100.0%
GASOIL 10PPM VS ICE SWAP	0	0.71	-100.0%	0	-	0	3	-98.4%
GASOIL BULLET SWAP	0	0	-	0	-	0	1	-100.0%
GASOIL CALENDAR SWAP	1	0	-	0	-	0	1	-73.1%
GASOIL CRACK SPREAD CALEN	29	352.14	-91.8%	4.35	561.5%	164	325	-49.5%
GASOIL MINI CALENDAR SWAP	38	5.67	574.8%	13.57	181.9%	12	6	91.6%
GROUP THREE ULSD (PLATTS)	2	0	-	0	-	1	1	99.1%
GROUP THREE UNLEAD GAS (P	0	0	-	0	-	2	0	-
GRP THREE ULSD(PLT)VS HEA	182	263.57	-30.9%	152.83	19.2%	169	207	-18.3%
GRP THREE UNL GS (PLT) VS	83	95.48	-13.5%	151.52	-45.5%	101	53	91.5%
GULF COAST 3% FUEL OIL BA	33	53.9	-37.9%	50.52	-33.7%	59	55	6.3%
GULF COAST JET FUEL CLNDR	10	2.14	360.0%	0	-	6	4	41.3%
GULF COAST JET VS NYM 2 H	1,084	1,303.57	-16.9%	962.3	12.6%	1,670	1,970	-15.2%
GULF COAST NO.6 FUEL OIL	1,495	3,097.57	-51.7%	1,880.04	-20.5%	2,565	2,544	0.8%
GULF COAST ULSD CALENDAR	12	2.57	370.4%	18.74	-35.5%	15	24	-36.2%
GULF COAST ULSD CRACK SPR	11	0	-	5.22	119.0%	7	17	-57.4%
HEATING OIL BALMO CLNDR S	0	0	-	0	-	1	4	-70.8%
HEATING OIL PHY	215,085	169,013.24	27.3%	172,439.7	24.7%	185,512	173,558	6.9%
HENRY HUB BASIS SWAP	0	0	-	724.26	-100.0%	138	228	-39.4%
HENRY HUB FINANCIAL LAST	0	90.29	-100.0%	22.7	-100.0%	119	22	436.2%
HENRY HUB INDEX SWAP FUTU	0	0	-	724.26	-100.0%	138	219	-36.8%
HENRY HUB SWAP	7,970	8,779.48	-9.2%	7,148.65	11.5%	7,970	8,876	-10.2%
HOUSTON SHIP CHANNEL BASI	0	260.95	-100.0%	0	-	0	40	-100.0%
HTG OIL	1	0	-	0.52	119.1%	1	1	-64.9%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	3	-100.0%

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Energy Futures								
ICE BRENT DUBAI SWAP	185	955.95	-80.6%	427.83	-56.7%	450	509	-11.6%
ICE GASOIL BALMO SWAP	0	0	-	0	-	0	0	-100.0%
IN DELIVERY MONTH EUA	0	0	-	54.26	-100.0%	5	12	-56.4%
INDIANA MISO	0	0	-	0	-	0	0	-
INDONESIAN COAL	0	0	-	0	-	0	0	-100.0%
INDONESIAN COAL ICI4	10	0	-	11.52	-15.3%	7	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	8	39.52	-80.6%	1.74	340.8%	8	29	-71.7%
JAPAN C&F NAPHTHA SWAP	53	74.48	-29.3%	124.48	-57.7%	96	73	31.9%
JAPAN NAPHTHA BALMO SWAP	1	0	-	3.57	-73.3%	3	6	-55.7%
JET AV FUEL (P) CAR FM ICE GAS S	0	0	-	0	-	0	0	-86.1%
JET CIF NWE VS ICE	0	13	-100.0%	0	-	3	5	-48.8%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-	0	0	-100.0%
JET FUEL CRG CIF NEW VS I	0	0.1	-100.0%	0	-	0	0	-100.0%
JET FUEL UP-DOWN BALMO CL	256	196.67	30.0%	309.57	-17.4%	283	331	-14.5%
LA CARB DIESEL (OPIS)	0	0	-	0	-	0	0	-
LA CARB DIESEL (OPIS) SWA	6	5.95	0.0%	10.43	-43.0%	13	9	45.4%
LA CARBOB GASOLINE(OPIS)S	20	14.29	36.7%	36.96	-47.2%	24	12	97.7%
LA JET FUEL VS NYM NO 2 H	0	0	-	0	-	0	0	-100.0%
LA JET (OPIS) SWAP	33	35.24	-5.4%	82	-59.3%	91	82	11.8%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	3	0	-
LLS (ARGUS) VS WTI SWAP	133	392.33	-66.0%	224.65	-40.6%	256	242	5.7%
LOS ANGELES CARB GASOLINE	0	0	-	0	-	0	0	-
LTD NAT GAS	30,294	14,921.1	103.0%	20,052.3	51.1%	18,038	13,957	29.2%
MARS (ARGUS) VS WTI SWAP	47	65.24	-28.1%	56.52	-17.0%	96	147	-34.8%
MARS (ARGUS) VS WTI TRD M	603	1,813.67	-66.7%	687.39	-12.3%	948	1,016	-6.7%
MARS BLEND CRUDE OIL	0	47.62	-100.0%	0	-	10	65	-84.6%
MCCLOSKEY ARA ARGS COAL	1,189	1,344.71	-11.5%	868.78	36.9%	1,132	2,087	-45.7%
MCCLOSKEY RCH BAY COAL	100	125.48	-20.3%	64.57	54.9%	139	229	-39.3%
MGF FUT	0	1.43	-66.7%	1.74	-72.6%	1	1	-15.6%
MGN1 SWAP FUT	6	3.33	71.4%	2.61	119.0%	4	5	-24.6%
MICHIGAN BASIS	0	7.43	-100.0%	0	-	0	12	-100.0%
MICHIGAN MISO	0	0	-	0	-	0	486	-100.0%
MINI GAS EUROBOB OXY NWE ARG	17	9.29	85.6%	10.74	60.5%	16	20	-19.7%
MINI RBOB V. EBOBARG NWE BRGS	0	4.29	-100.0%	0	-	15	25	-41.2%
MINI RBOB V. EBOB(ARGUS) NWE B	63	71.57	-12.0%	139.22	-54.8%	87	107	-18.9%
MINY HTG OIL	0	0.19	0.0%	0.17	9.5%	0	0	37.0%
MINY NATURAL GAS	5,361	1,351.29	296.8%	2,055.3	160.9%	1,670	1,176	42.0%
MINY RBOB GAS	0	0.19	50.0%	0.17	64.3%	0	0	-8.9%
MINY WTI CRUDE OIL	29,317	11,199	161.8%	20,433.87	43.5%	17,564	12,270	43.2%
MJC FUT	2	5.48	-56.5%	3.7	-35.6%	6	6	11.4%
MNC FUT	239	130.95	82.8%	245.35	-2.5%	197	190	3.9%
MONT BELVIEU ETHANE 5 DECIMAL	402	600.95	-33.1%	711.39	-43.5%	745	1,048	-28.9%
MONT BELVIEU ETHANE OPIS BALM	4	8.57	-55.6%	5.43	-29.9%	7	12	-41.4%
MONT BELVIEU LDH PROPANE 5 DE	6,504	4,819	35.0%	7,343.96	-11.4%	5,959	4,423	34.7%
MONT BELVIEU LDH PROPANE OPIS	89	53	68.1%	69.43	28.3%	116	78	49.2%
MONT BELVIEU NATURAL GASOLIN	374	749.05	-50.0%	487	-23.2%	396	276	43.5%
MONT BELVIEU NATURAL GASOLIN	2	22.86	-91.7%	10.22	-81.4%	16	14	8.0%

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Energy Futures								
MONT BELVIEU NORMAL BUTANE 5	1,567	2,037.67	-23.1%	2,516.83	-37.7%	1,724	1,419	21.5%
MONT BELVIEU NORMAL BUTANE B	44	27.81	57.5%	67.26	-34.9%	52	34	54.2%
NAT GAS BASIS SWAP	0	20.1	-100.0%	0	-	0	11	-100.0%
NATURAL GAS	10,380	5,470.33	89.7%	4,634.57	124.0%	5,795	6,566	-11.7%
NATURAL GAS FIXED PRICE SWAP F	0	0	-	0	-	0	2	-100.0%
NATURAL GAS INDEX	0	0	-	0	-	0	3	-100.0%
NATURAL GAS PEN SWP	2,602	4,007.57	-35.1%	1,336.74	94.6%	1,682	4,008	-58.0%
NATURAL GAS PHY	677,112	476,500.71	42.1%	533,212.65	27.0%	458,641	423,771	8.2%
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	0	-	1,446.09	-100.0%	643	1,093	-41.2%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-	0	61	-100.0%
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	0	3	-100.0%
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	-
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	16	52.62	-69.5%	7.61	110.9%	52	40	29.5%
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	62	28.57	116.7%	68.17	-9.2%	20	20	1.1%
NGPL TEX/OK	147	51.43	185.2%	848.7	-82.7%	206	40	415.6%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	0	-
NO 2 UP-DOWN SPREAD CALEN	0	0	-	0	-	13	16	-18.8%
NORTHERN NATURAL GAS DEMAR	0	0	-	0	-	0	0	-
NORTHERN NATURAL GAS VENTU	0	2.29	-100.0%	0	-	0	1	-24.6%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	0	-
NORTHWEST ROCKIES BASIS S	0	0	-	0	-	0	13	-100.0%
N ROCKIES PIPE SWAP	0	0	-	0	-	0	1	-82.4%
NY1% VS GC SPREAD SWAP	24	71.67	-66.1%	7.17	238.5%	60	102	-41.0%
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-	0	0	-
NY 3.0% FUEL OIL (PLATTS	0	0	-	0	-	8	14	-45.2%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	0	99.2%
NY HARBOR HEAT OIL SWP	225	50.81	342.6%	259.52	-13.3%	120	102	17.8%
NY HARBOR LOW SULPUR GAS 100C	29	0	-	0	-	15	18	-19.7%
NY HARBOR RESIDUAL FUEL 1	30	37.14	-20.4%	28.65	3.2%	49	113	-56.4%
NY HARBOR RESIDUAL FUEL C	2	0	-	0	-	0	0	-
NYH NO 2 CRACK SPREAD CAL	25	20	27.1%	14.35	77.2%	37	61	-39.2%
NYISO A	0	0	-	0	-	0	0	-
NYISO A OFF-PEAK	0	0	-	0	-	0	0	-
NYISO CAPACITY	3	6.29	-54.5%	20	-85.7%	8	24	-68.7%
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	-	1,924.52	-100.0%	191	142	34.5%
NYISO ZONE A 5MW D AH PK	0	0	-	82.17	-100.0%	8	30	-72.4%

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Energy Futures								
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	-100.0%
NYISO ZONE G 5MW D AH O P	550	0	-	607.83	-9.5%	2,700	3,379	-20.1%
NYISO ZONE G 5MW D AH PK	30	121.9	-75.2%	31.74	-4.7%	91	249	-63.4%
NYISO ZONE J 5MW D AH O P	0	0	-	0	-	0	981	-100.0%
NYISO ZONE J 5MW D AH PK	0	86.43	-100.0%	0	-	0	116	-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	0.62	-100.0%	0	-	1	36	-97.4%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	12	8	50.6%
ONTARIO POWER SWAPS	0	0	-	0	-	0	5	-99.1%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-	1	13	-91.1%
PANHANDLE PIPE SWAP	0	0	-	0	-	0	14	-100.0%
PERMIAN BASIS SWAP	0	0	-	0	-	0	6	-100.0%
PETROCHEMICALS	319	194.95	63.7%	267.48	19.3%	282	195	44.9%
PETRO CRCKS & SPRDS ASIA	16	18	-12.7%	0	-	4	10	-59.1%
PETRO CRCKS & SPRDS NA	1,655	1,897.38	-12.8%	1,532.57	8.0%	1,988	1,819	9.3%
PETRO CRK&SPRD EURO	325	375.19	-13.4%	386.13	-15.8%	409	362	13.2%
PETROLEUM PRODUCTS	224	259.76	-13.7%	378.04	-40.7%	246	144	70.4%
PETROLEUM PRODUCTS ASIA	108	49.62	117.4%	83.09	29.8%	95	85	11.4%
PETRO OUTRIGHT EURO	175	166.67	5.0%	168.91	3.6%	215	304	-29.4%
PETRO OUTRIGHT NA	276	306.9	-9.9%	442.87	-37.6%	370	649	-43.0%
PJM AD HUB 5MW REAL TIME	1,174	708.57	65.6%	0	-	341	1,347	-74.7%
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	214	-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	0	-	0	-	0	370	-100.0%
PJM COMED 5MW D AH PK	0	0	-	0	-	0	20	-100.0%
PJM DAILY	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	0	0	-	0	-	0	918	-100.0%
PJM DAYTON DA PEAK	0	0	-	0	-	0	23	-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	920	-100.0%	55.65	-100.0%	53	7,788	-99.3%
PJM NILL DA OFF-PEAK	0	92.57	-100.0%	33.48	-100.0%	3	2,986	-99.9%
PJM NILL DA PEAK	0	7.62	-100.0%	1.83	-100.0%	0	171	-99.8%
PJM OFF-PEAK LMP SWAP FUT	0	0	-	0	-	0	0	-
PJM PECO ZONE5MW PEAK CAL MO	141	0	-	0	-	13	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	2,637	0	-	0	-	340	0	-
PJM PSEG DA PEAK	141	0	-	0	-	18	0	-
PJM WESTH DA OFF-PEAK	0	0	-	0	-	439	235	86.7%
PJM WESTHDA PEAK	0	0	-	0	-	24	37	-36.2%

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Energy Futures								
PJM WESTH RT OFF-PEAK	1,112	1,291.43	-13.9%	1,704.35	-34.7%	1,606	9,461	-83.0%
PJM WESTH RT PEAK	86	219.05	-60.9%	111.09	-22.9%	263	903	-70.9%
PLASTICS	34	12.86	162.6%	50.39	-33.0%	22	26	-16.4%
PREMIUM UNLD 10P FOB MED	21	9.19	131.1%	3.43	518.3%	12	4	227.1%
PREMIUM UNLEAD 10PPM FOB	0	0.48	-50.0%	0	-	2	1	172.3%
PREM UNL GAS 10PPM RDAM FOB B	0	0	-	0	-	0	0	1080.9%
PREM UNL GAS 10PPM RDAM FOB S	0	0	-	0	-	1	0	777.2%
PROPANE NON-LDH MB (OPIS) BAL	0	0	-	7.39	-95.5%	22	21	5.0%
PROPANE NON-LDH MT. BEL (OPIS)	590	467.86	26.0%	772.74	-23.7%	600	340	76.5%
RBOB CALENDAR SWAP	172	377.33	-54.4%	312.22	-44.9%	268	346	-22.6%
RBOB CRACK SPREAD	3	30.95	-91.5%	2.61	0.4%	41	47	-11.7%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	0	-
RBOB GAS	0	88.1	-100.0%	0.52	-100.0%	62	115	-46.0%
RBOB GASOLINE BALMO CLNDR	19	38.81	-51.4%	23.04	-18.2%	48	45	7.4%
RBOB PHY	188,274	177,016.43	6.4%	201,143.57	-6.4%	199,178	201,482	-1.1%
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	0	9.52	-100.0%	0	-	9	74	-88.5%
SAN JUAN BASIS SWAP	0	0	-	0	-	0	10	-97.4%
SAN JUAN PIPE SWAP	0	0	-	0	-	2	0	-
SINGAPORE 180CST BALMO	0	5.24	-90.9%	1.3	-63.5%	2	3	-29.5%
SINGAPORE 380CST BALMO	4	17.76	-75.1%	11.35	-61.0%	10	11	-9.6%
SINGAPORE 380CST FUEL OIL	370	395.14	-6.4%	262.22	41.1%	396	458	-13.5%
SINGAPORE FUEL 180CST CAL	20	40.43	-49.8%	21.83	-7.1%	37	49	-25.8%
SINGAPORE FUEL OIL SPREAD	8	6.9	20.7%	5.09	63.8%	27	30	-11.3%
SINGAPORE GASOIL	309	210.1	47.2%	248.65	24.3%	258	238	8.6%
SINGAPORE GASOIL CALENDAR	6	23.48	-73.6%	16.52	-62.5%	25	14	80.2%
SINGAPORE GASOIL SWAP	75	55.38	36.3%	31.78	137.5%	204	386	-47.2%
SINGAPORE GASOIL VS ICE	114	1.9	5907.4%	363.91	-68.6%	555	304	82.8%
SINGAPORE JET KERO BALMO	0	0	-	0	-	1	2	-60.1%
SINGAPORE JET KERO GASOIL	32	10.71	200.0%	13.04	146.4%	150	79	89.3%
SINGAPORE JET KEROSENE SW	13	16.67	-21.4%	40.22	-67.4%	57	56	1.8%
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	2	0	696.4%
SINGAPORE MOGAS 92 UNLEADED	2	12.62	-81.1%	16.3	-85.4%	25	8	219.9%
SINGAPORE MOGAS 92 UNLEADED	670	440.43	52.1%	641.35	4.4%	655	355	84.6%
SINGAPORE NAPHTHA SWAP	0	0	-	0	-	1	0	-
SING FUEL	0	2.38	-100.0%	0.22	-100.0%	0	1	-17.0%
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	0	-	0	-	0	27	-98.5%
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	0	-	0	1	-100.0%
TC2 ROTTERDAM TO USAC 37K	9	3.81	143.8%	6.09	52.5%	5	0	1209.4%
TC5 RAS TANURA TO YOKOHAM	8	0	-	29.57	-74.2%	5	0	-
TCO BASIS SWAP	0	31.76	-100.0%	0	-	0	39	-100.0%
TCO NG INDEX SWAP	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	243	0	-	132	84.3%	76	0	58121.2%
TENNESSEE 500 LEG BASIS S	0	0	-	0	-	0	2	-100.0%
TENNESSEE 800 LEG NG BASI	0	0	-	0	-	0	0	-
TENNESSEE ZONE 0 BASIS SW	0	23.05	-100.0%	0	-	0	2	-100.0%

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Energy Futures								
TETCO M-3 INDEX	0	0	-	0	-	0	0	-
Tetco STX Basis	0	0	-	0	-	0	0	-
TEXAS EASTERN ZONE M-3 BA	0	43.24	-100.0%	0	-	0	41	-100.0%
TEXAS GAS ZONE1 NG BASIS	0	0	-	0	-	0	0	-
Transco Zone 3 Basis	0	0	-	0	-	0	1	-100.0%
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	-	0	27	-100.0%
TRANSCO ZONE4 BASIS SWAP	0	0	-	0	-	0	57	-100.0%
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-	0	2	-100.0%
TRANSCO ZONE 6 BASIS SWAP	0	40.76	-100.0%	0	-	0	16	-100.0%
TRANSCO ZONE 6 INDEX	0	0	-	0	-	0	4	-100.0%
UCM FUT	0	1.43	-100.0%	0	-	0	1	-79.8%
ULSD 10PPM CIF MED SWAP	0	0	-	0	-	0	0	-100.0%
ULSD 10PPM CIF MED VS ICE	0	0.71	-100.0%	0	-	0	0	-82.8%
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-	0	0	-100.0%
ULSD UP-DOWN BALMO SWP	380	322.43	17.7%	291.3	30.3%	276	231	19.3%
UP DOWN GC ULSD VS NMX HO	1,670	1,990.57	-16.1%	1,663.96	0.4%	1,563	2,236	-30.1%
WAHA BASIS	0	0	-	0	-	14	26	-47.4%
WAHA INDEX SWAP FUTURE	0	0	-	0	-	0	0	-
WESTERN RAIL DELIVERY PRB	0	5.71	-100.0%	0	-	0	11	-99.0%
WTI-BRENT BULLET SWAP	0	0	-	0	-	29	4	632.5%
WTI-BRENT CALENDAR SWAP	874	1,812.19	-51.8%	773.7	13.0%	1,438	907	58.6%
WTI CALENDAR	1,769	1,764.52	0.2%	1,763.04	0.3%	1,610	1,757	-8.4%
WTS (ARGUS) VS WTI SWAP	149	286.76	-47.9%	264.7	-43.5%	382	256	49.3%
WTS (ARGUS) VS WTI TRD MT	6	77.43	-92.6%	31.3	-81.7%	27	43	-37.6%

Energy Options

12 MO GASOIL CAL SWAP SPR	0	9.52	-100.0%	0	-	0	4	-100.0%
BRENT 1 MONTH CAL	0	0	-	0	-	13	0	-
BRENT CALENDAR SWAP	14	0	-	318.35	-95.7%	58	23	150.7%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-	9	9	-0.4%
BRENT CRUDE OIL 1 M CSO	29	0	-	802.17	-96.4%	1,772	0	-
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-	4	0	-
BRENT OIL LAST DAY	13,597	3,342.71	306.8%	18,657.52	-27.1%	9,802	2,197	346.2%
COAL API2 INDEX	16	16.43	-1.4%	15	7.9%	44	48	-7.5%
COAL API4 INDEX	0	1.43	-100.0%	0	-	0	0	182.1%
COAL SWAP	0	0	-	0	-	0	3	-100.0%
CRUDE OIL 1MO	9,678	10,435.24	-7.3%	9,707.39	-0.3%	9,617	8,572	12.2%
CRUDE OIL APO	2,529	3,112.62	-18.8%	832.48	203.8%	2,099	2,360	-11.1%
CRUDE OIL CALNDR STRIP	0	0	-	0	-	1	0	-
CRUDE OIL OUTRIGHTS	0	0	-	364.78	-100.0%	36	51	-29.0%
CRUDE OIL PHY	284,969	195,905.19	45.5%	181,412.13	57.1%	181,826	179,584	1.2%
ELEC MISO PEAK	0	0	-	0	-	0	4	-100.0%
ETHANOL	0	0	-	0	-	2	2	5.8%
ETHANOL SWAP	168	490.29	-65.7%	164.22	2.4%	301	299	0.9%
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	-100.0%

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Energy Options								
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	0	0	-
HEATING OIL PHY	2,627	1,632.76	60.9%	1,340.35	96.0%	1,514	1,557	-2.7%
HENRY HUB FINANCIAL LAST	194	129.62	49.6%	152.22	27.4%	207	179	15.5%
HO 1 MONTH CLNDR OPTIONS	119	0	-	4.35	2638.1%	11	7	52.3%
LLS CRUDE OIL	0	85.71	-100.0%	0	-	0	46	-99.1%
MCCLOSKEY ARA ARGS COAL	0	7.14	-100.0%	0	-	1	7	-82.0%
MCCLOSKEY RCH BAY COAL	3	0	-	3.04	9.5%	9	0	-
NATURAL GAS	0	0	-	0	-	0	2	-100.0%
NATURAL GAS 1 M CSO FIN	5,864	2,036.43	188.0%	2,204.35	166.0%	2,122	1,866	13.7%
NATURAL GAS 2 M CSO FIN	1	95.24	-98.5%	0	-	6	50	-87.7%
NATURAL GAS 3 M CSO FIN	0	1,238.1	-100.0%	8.7	-100.0%	191	634	-69.9%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-	11	18	-37.3%
NATURAL GAS 6 M CSO FIN	576	314.29	83.3%	252.17	128.5%	416	248	67.8%
NATURAL GAS OPTION ON CALEND	317	138.1	129.7%	185.65	70.8%	148	55	169.6%
NATURAL GAS PHY	161,644	146,399.38	10.4%	122,441.26	32.0%	101,572	119,489	-15.0%
NATURAL GAS WINTER STRIP	0	0	-	26.09	-100.0%	12	0	-
N ROCKIES PIPE SWAP	73	0	-	0	-	15	17	-12.1%
NY HARBOR HEAT OIL SWP	286	136.81	109.2%	150	90.8%	138	153	-9.7%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	0	86	-100.0%
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-	0	0	-
PANHANDLE PIPE SWAP	0	0	-	0	-	0	37	-100.0%
PETROCHEMICALS	0	30.62	-98.4%	58.57	-99.2%	49	55	-10.5%
PETRO OUTRIGHT EURO	0	0	-	0	-	0	1	-100.0%
PETRO OUTRIGHT NA	17	3.43	400.0%	0	-	2	0	663.3%
PJM WES HUB PEAK CAL MTH	4	0	-	11.74	-67.5%	7	17	-57.8%
PJM WES HUB PEAK LMP 50MW	4	37.52	-89.3%	10.96	-63.5%	32	60	-46.0%
RBOB 1MO CAL SPD OPTIONS	0	57.14	-100.0%	0	-	3	29	-89.6%
RBOB CALENDAR SWAP	4	2.38	50.0%	3.7	-3.4%	5	12	-60.9%
RBOB CRACK	0	0	-	0.09	-100.0%	0	0	-
RBOB PHY	699	659.05	6.0%	873.43	-20.0%	587	1,230	-52.2%
ROTTERDAM 3.5%FUEL OIL CL	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	1.35	-100.0%	9	14	-34.0%
SHORT TERM	52	108.67	-51.8%	32.61	60.6%	41	141	-70.6%
SHORT TERM NATURAL GAS	64	339.05	-81.0%	95	-32.3%	107	400	-73.2%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	0	-
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	1,497	3,336.86	-55.1%	1,384.52	8.1%	3,615	2,189	65.2%
WTI CRUDE OIL 1 M CSO FI	6,864	6,157.14	11.5%	3,784.78	81.4%	3,737	3,034	23.2%

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	ADV NOV 2018	ADV NOV 2017	% CHG	ADV OCT 2018	% CHG	ADV Y.T.D 2018	ADV Y.T.D 2017	% CHG
Metals Futures								
ALUMINUM	684	471.33	45.1%	718.7	-4.9%	645	608	6.1%
COMEX COPPER	121,273	142,496.62	-14.9%	114,167.48	6.2%	134,931	106,919	26.2%
COMEX E-Mini GOLD	454	338.43	34.1%	489.13	-7.3%	396	379	4.6%
COMEX E-Mini SILVER	50	38.38	29.9%	40.7	22.5%	54	38	40.6%
COMEX GOLD	302,440	410,635.14	-26.3%	281,314.91	7.5%	328,317	292,708	12.2%
COMEX MINY COPPER	16	29.95	-46.4%	18.04	-11.1%	21	33	-35.7%
COMEX SILVER	109,482	120,929.24	-9.5%	77,979.74	40.4%	97,786	93,709	4.4%
COPPER	67	163.67	-58.8%	113.52	-40.6%	70	22	221.1%
E-MICRO GOLD	7,702	5,353.38	43.9%	10,738.96	-28.3%	7,093	4,582	54.8%
FERROUS PRODUCTS	90	8.1	1010.6%	104.65	-14.1%	82	6	1259.2%
GOLD	0	0	-	0	-	0	0	-100.0%
Gold Kilo	0	13.57	-100.0%	0	-	1	15	-96.2%
IRON ORE 62 CHINA PLATTS FUTUR	0	41.43	-100.0%	0	-	0	41	-100.0%
IRON ORE 62 CHINA TSI FUTURES	228	176.19	29.5%	208.35	9.5%	183	378	-51.5%
LNDN ZINC	140	0.48	29209.4%	200.04	-30.2%	58	1	10634.0%
NYMEX HOT ROLLED STEEL	571	218.95	160.7%	420.22	35.8%	484	250	93.9%
NYMEX PLATINUM	17,755	18,143.05	-2.1%	16,683.48	6.4%	21,404	18,540	15.4%
PALLADIUM	7,053	7,296.05	-3.3%	5,043.61	39.8%	5,857	5,757	1.7%
SILVER	593	374.57	58.2%	412.78	43.6%	387	287	34.9%
URANIUM	103	46.57	121.8%	35.96	187.3%	28	24	17.8%
Metals Options								
COMEX COPPER	1,951	603.57	223.3%	1,990.13	-2.0%	1,406	378	271.8%
COMEX GOLD	42,332	35,158.43	20.4%	51,016.22	-17.0%	46,467	39,590	17.4%
COMEX SILVER	8,048	4,987.52	61.4%	6,371.61	26.3%	7,467	5,744	30.0%
COPPER	6	0	-	1.78	260.6%	3	0	-
GOLD	2,411	1,196.76	101.5%	2,622.91	-8.1%	2,038	689	195.9%
HOT ROLLED COIL STEEL CALL OPT	14	0	-	0	-	1	1	-9.5%
IRON ORE 62 CHINA TSI CALL OPTIC	0	61.14	-100.0%	0	-	1	78	-98.9%
IRON ORE 62 CHINA TSI PUT OPTIO	0	35.71	-100.0%	0	-	6	113	-95.1%
NYMEX PLATINUM	130	176.14	-26.4%	126.09	2.8%	185	132	39.5%
PALLADIUM	45	326.95	-86.1%	47.74	-4.9%	124	282	-56.1%
SILVER	173	1.81	9450.1%	143.09	20.8%	104	7	1314.3%
Foreign Exchange Futures								
CHILEAN PESO	130	180.95	-28.2%	170.74	-23.9%	104	133	-21.7%
Foreign Exchange Options								
AUD/USD PQO 2pm Fix	23	30.19	-24.4%	55.39	-58.8%	43	3	1459.6%

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Ags Futures								
FERTILIZER PRODUCS	126	85.71	46.9%	51.74	143.4%	56	21	159.1%
Ag Products Futures								
BUTTER CS	242	183.95	31.8%	212.91	13.9%	207	157	32.0%
CASH-SETTLED CHEESE	639	733.71	-12.8%	774.52	-17.4%	523	500	4.7%
CATTLE	69,854	71,504.81	-2.3%	60,755.26	15.0%	66,030	65,692	0.5%
CDD SEASONAL STRIP	0	0	-	0	-	3	5	-45.7%
CDD WEATHER	0	0	-	0	-	9	114	-91.8%
CHI WHEAT	146,368	175,853.76	-16.8%	104,684.87	39.8%	152,234	138,954	9.6%
CLASS IV MILK	101	19.86	410.8%	44.78	126.5%	37	44	-16.5%
COCOA TAS	0	0.05	-100.0%	0	-	0	0	-94.3%
COFFEE	0	0.05	-100.0%	0	-	0	0	-100.0%
CORN	461,455	508,848.48	-9.3%	286,356.78	61.1%	401,119	372,284	7.7%
COTTON	0	0.14	-66.7%	0.3	-84.4%	0	0	10.0%
DJ_UBS ROLL SELECT INDEX FUTU	0	0	-	28.74	-100.0%	72	32	126.9%
DOW-UBS COMMOD INDEX	2,770	2,759.38	0.4%	2,713.87	2.1%	3,644	4,025	-9.5%
DRY WHEY	48	87.81	-45.3%	116.13	-58.6%	66	83	-20.2%
FEEDER CATTLE	10,770	11,814.33	-8.8%	14,416.87	-25.3%	14,213	14,143	0.5%
FERTILIZER PRODUCS	113	116.43	-3.1%	95.87	17.7%	107	85	26.8%
GOLDMAN SACHS	1,510	1,598.14	-5.5%	1,381.13	9.4%	1,494	1,624	-8.0%
GSCI EXCESS RETURN FUT	187	94.29	98.5%	70.3	166.3%	1,525	1,401	8.8%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
HDD WEATHER	202	11.9	1600.0%	10.87	1761.9%	61	7	726.1%
HDD WEATHER EUROPEAN	286	0	-	0	-	103	2	5874.1%
HOGS	60,344	52,296.19	15.4%	49,597	21.7%	55,166	45,501	21.2%
HOUSING INDEX	1	0.1	450.2%	0.96	-45.2%	0	1	-25.1%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	65,492	73,328.71	-10.7%	43,834.48	49.4%	63,427	51,785	22.5%
LUMBER	677	892.33	-24.1%	892.7	-24.1%	884	808	9.3%
MALAYSIAN PALM SWAP	34	265.71	-87.1%	46.96	-27.0%	192	438	-56.0%
MILK	1,476	1,300.14	13.5%	1,564.91	-5.7%	1,179	1,275	-7.5%
MINI CORN	572	703.86	-18.8%	385.52	48.3%	486	477	1.9%
MINI SOYBEAN	1,162	729.71	59.2%	1,087.3	6.8%	1,090	806	35.2%
MINI WHEAT	283	240.14	18.0%	310.09	-8.6%	366	281	30.2%
MLK MID OPTIONS	0	0	-	0	-	0	0	-
NFD MILK	275	187.14	47.2%	169.22	62.8%	240	238	0.9%
OATS	984	931.48	5.6%	781.09	25.9%	714	688	3.8%
ROUGH RICE	361	765.14	-52.8%	1,297.17	-72.1%	900	1,070	-15.9%
SOYBEAN	163,791	177,448.71	-7.7%	253,545.52	-35.4%	233,939	213,378	9.6%
SOYBEAN MEAL	117,628	123,378.76	-4.7%	114,840.61	2.4%	128,160	101,756	25.9%
SOYBEAN OIL	149,489	148,956.71	0.4%	100,528.83	48.7%	124,182	119,175	4.2%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	146	451	-67.7%
SUGAR 11	0	0	-	0	-	0	0	37.5%
USD CRUDE PALM OIL	23	75.24	-69.6%	33.91	-32.6%	34	22	55.5%
WHEAT	911	28.48	3099.8%	989.35	-7.9%	724	522	38.9%

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Ag Products Options								
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-100.0%
BUTTER CS	174	144.95	19.7%	130.17	33.3%	191	90	113.0%
CASH-SETTLED CHEESE	382	636.71	-40.0%	566.35	-32.5%	476	448	6.2%
CATTLE	7,729	11,714.9	-34.0%	7,615.91	1.5%	10,758	11,732	-8.3%
CDD SEASONAL STRIP	0	0	-	0	-	3	12	-75.1%
CDD WEATHER	0	0	-	0	-	0	203	-100.0%
CHI WHEAT	25,902	23,031.71	12.5%	31,394.52	-17.5%	38,299	30,672	24.9%
CLASS IV MILK	78	90.29	-13.9%	29.61	162.6%	54	84	-35.0%
CORN	78,325	76,059.33	3.0%	63,254.57	23.8%	105,253	99,471	5.8%
CORN NEARBY+2 CAL SPRD	228	95.48	138.4%	161.74	40.7%	133	69	94.0%
DEC-DEC CORN CAL SPRD	0	0	-	153.61	-100.0%	90	52	71.5%
DEC-JULY CORN CAL SPRD	99	13.81	615.5%	21.74	354.5%	84	173	-51.3%
DEC-JULY WHEAT CAL SPRD	2	19.48	-87.8%	0	-	8	9	-18.6%
DRY WHEY	4	64.57	-93.5%	24.65	-83.0%	28	29	-1.4%
FEEDER CATTLE	1,176	1,348.95	-12.8%	1,133.48	3.8%	1,372	1,637	-16.2%
HDD EURO SEASONAL STRIP	24	119.05	-80.0%	0	-	2	11	-80.1%
HDD SEASONAL STRIP	0	214.29	-100.0%	0	-	39	69	-44.0%
HDD WEATHER	5	0	-	10.87	-56.2%	2	5	-72.1%
HDD WEATHER EUROPEAN	0	0	-	0	-	0	6	-100.0%
HOGS	10,829	10,370.81	4.4%	11,661.09	-7.1%	11,257	10,381	8.4%
HOUSING INDEX	0	0.19	-100.0%	0	-	0	0	-100.0%
Intercommodity Spread	19	0	-	21.7	-13.3%	49	3	1528.2%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-100.0%
JULY-DEC CORN CAL SPRD	19	0	-	1.3	1360.3%	48	75	-36.1%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	5	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	3	-100.0%
JULY-DEC WHEAT CAL SPRD	10	0	-	0	-	11	7	61.6%
JULY-NOV SOYBEAN CAL SPRD	38	0.48	7869.8%	102.61	-63.0%	254	307	-17.1%
KC WHEAT	2,570	1,300.33	97.6%	1,719.35	49.5%	4,039	2,153	87.6%
LUMBER	73	129.29	-43.5%	102.48	-28.8%	84	63	32.8%
LV CATL CSO	1	0	-	0.87	-23.3%	1	9	-84.0%
MAR-JULY CORN CAL SPRD	0	0	-	0	-	0	0	-100.0%
MAR-JULY WHEAT CAL SPRD	0	9.52	-100.0%	0	-	1	7	-87.3%
MILK	1,779	1,993.24	-10.7%	1,814.7	-2.0%	1,671	1,700	-1.7%
MLK MID OPTIONS	0	6.76	-95.1%	1.65	-79.8%	2	3	-39.5%
NFD MILK	333	223.67	48.7%	199.26	66.9%	244	209	17.1%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	7	-99.9%
NOV-MAR SOYBEAN CSO	0	0	-	0	-	1	0	-
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	1	1	-28.4%
OATS	31	47.43	-34.7%	74.61	-58.5%	28	58	-52.5%
ROUGH RICE	43	125.71	-66.1%	93.78	-54.6%	75	103	-27.5%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	5	0	-
SOYBEAN	64,205	56,029.19	14.6%	55,511.57	15.7%	77,407	68,487	13.0%
SOYBEAN CRUSH	0	3.62	-100.0%	0	-	1	3	-74.3%
SOYBEAN MEAL	6,834	8,170.1	-16.4%	8,821.09	-22.5%	13,306	8,255	61.2%
SOYBEAN OIL	6,146	9,267.14	-33.7%	6,670.91	-7.9%	5,731	8,368	-31.5%
SOYBN NEARBY+2 CAL SPRD	0	0	-	0	-	0	5	-99.1%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	140.22	-100.0%	36	0	-
WHEAT	84	4.76	1662.0%	33.7	149.0%	30	7	350.1%

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Ag Products Options								
WHEAT-CORN IC50	0	48.33	-100.0%	28.04	-100.0%	25	33	-23.8%
WHEAT NEARBY+2 CAL SPRD	15	66.43	-78.1%	45.65	-68.2%	60	75	-19.3%
TOTAL FUTURES GROUP								
Interest Rate Futures	9,211,572	7,319,330.33	25.9%	7,902,584.61	16.6%	7,514,767	6,150,311	22.2%
Equity Index Futures	2,873,670	1,962,650.38	46.4%	3,660,446.7	-21.5%	2,638,404	1,976,011	33.5%
Metals Futures	568,699	706,775.1	-19.5%	508,690.26	11.8%	597,797	524,297	14.0%
Energy Futures	2,635,469	2,314,117.67	13.9%	2,178,808.09	21.0%	2,260,035	2,269,452	-0.4%
FX Futures	832,207	831,291.29	0.1%	831,364.56	0.1%	927,251	832,086	11.4%
Foreign Exchange Futures	130	180.95	-28.2%	170.74	-23.9%	104	133	-21.7%
Ags Futures	126	85.71	46.9%	51.74	143.4%	56	21	159.1%
Ag Products Futures	1,258,051	1,355,155.67	-7.2%	1,041,568.83	20.8%	1,253,280	1,137,822	10.1%
TOTAL FUTURES	17,379,926	14,489,587.1	19.9%	16,123,685.52	7.8%	15,191,693.6	12,890,132.91	17.9%
TOTAL OPTIONS GROUP								
Interest Rate Options	2,677,341	2,028,744.09	32.0%	2,725,738.52	-1.8%	2,412,042	2,150,423	12.2%
Equity Index Options	801,083	757,608.43	5.7%	1,068,791.04	-25.0%	810,592	673,776	20.3%
Metals Options	55,110	42,548.05	29.5%	62,319.57	-11.6%	57,801	47,015	22.9%
Energy Options	491,911	376,258.86	30.7%	345,298.96	42.5%	320,153	324,787	-1.4%
FX Options	71,592	83,371.57	-14.1%	71,216.52	0.5%	74,945	79,114	-5.3%
Ag Products Options	207,154	201,350.52	2.9%	191,541.78	8.2%	271,164	245,094	10.6%
Foreign Exchange Options	23	30.19	-24.4%	55.39	-58.8%	43	3	1459.6%
TOTAL OPTIONS	4,304,214	3,489,911.72	23.3%	4,464,961.78	-3.6%	3,946,740.04	3,520,212.98	12.1%
TOTAL COMBINED								
FX	903,799	914,662.86	-1.2%	902,581.09	0.1%	1,002,196	911,200	10.0%
Equity Index	3,674,754	2,720,258.81	35.1%	4,729,237.74	-22.3%	3,448,996	2,649,787	30.2%
Interest Rate	11,888,914	9,348,074.43	27.2%	10,628,323.13	11.9%	9,926,809	8,300,734	19.6%
Energy	3,127,380	2,690,376.52	16.2%	2,524,107.04	23.9%	2,580,188	2,594,239	-0.5%
Metals	623,810	749,323.14	-16.8%	571,009.83	9.2%	655,598	571,312	14.8%
Foreign Exchange	153	211.14	-27.7%	226.13	-32.5%	147	136	8.3%
Ags	126	85.71	46.9%	51.74	143.4%	56	21	159.1%
Ag Products	1,465,205	1,556,506.19	-5.9%	1,233,110.61	18.8%	1,524,444	1,382,916	10.2%
GRAND TOTAL	21,684,140	17,979,498.81	20.6%	20,588,647.3	5.3%	19,138,433.63	16,410,345.89	16.6%

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