



## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>Interest Rate Futures</b>					
30-YR BOND	782,340	632,384	23.7%	829,123	-5.6%
10-YR NOTE	3,472,406	3,058,628	13.5%	3,645,214	-4.7%
5-YR NOTE	3,428,813	2,982,596	15.0%	3,401,266	0.8%
2-YR NOTE	1,946,560	1,383,199	40.7%	1,866,914	4.3%
FED FUND	2,474,629	1,673,462	47.9%	2,251,411	9.9%
EURODOLLARS	16,882,213	12,829,797	31.6%	17,013,395	-0.8%
5-YR SWAP RATE	19,504	27,152	-28.2%	27,229	-28.4%
2-YR SWAP RATE	0	0	-	0	-
10-YR SWAP RATE	29,226	32,396	-9.8%	40,880	-28.5%
7-YR SWAP	0	0	-	0	-
1-MONTH EURODOLLAR	7,081	4,043	75.1%	4,709	50.4%
ULTRA T-BOND	947,473	704,430	34.5%	991,473	-4.4%
30-YR SWAP RATE	122	880	-86.1%	223	-45.3%
Ultra 10-Year Note	560,984	337,406	66.3%	568,411	-1.3%
<b>Interest Rate Options</b>					
30-YR BOND	632,151	498,630	26.8%	731,958	-13.6%
10-YR NOTE	2,911,922	2,844,069	2.4%	3,617,212	-19.5%
5-YR NOTE	1,467,733	1,343,529	9.2%	1,624,232	-9.6%
2-YR NOTE	347,957	77,421	349.4%	236,770	47.0%
FED FUND	5,051	2,876	75.6%	3,537	42.8%
EURODOLLARS	27,302,180	21,971,635	24.3%	27,568,713	-1.0%
EURO MIDCURVE	18,926,408	16,013,814	18.2%	21,698,016	-12.8%
ULTRA T-BOND	5,667	2,153	163.2%	3,317	70.8%
Ultra 10-Year Note	3	1,806	-99.8%	0	-

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<b>Equity Index Futures</b>					
E-MINI S&P500	2,988,089	2,833,526	5.5%	3,292,316	-9.2%
S&P 500	127,436	77,282	64.9%	143,147	-11.0%
E-MINI MIDCAP	79,509	90,156	-11.8%	74,031	7.4%
S&P 500 GROWTH	13	19	-31.6%	13	0.0%
S&P 500/VALUE	107,521	53,047	102.7%	105,923	1.5%
E-MINI RUSSELL 2000	476,241	0	-	529,028	-10.0%
E-MINI RUSSELL 1000	8,000	368	2,073.9%	8,511	-6.0%
E-MINI NASDAQ 100	250,985	238,856	5.1%	232,456	8.0%
NIKKEI 225 (\$) STOCK	43,711	36,696	19.1%	56,963	-23.3%
NIKKEI 225 (YEN) STOCK	64,692	60,855	6.3%	82,407	-21.5%
DJ US REAL ESTATE	23,249	13,169	76.5%	23,134	0.5%
NASDAQ BIOTECH	964	324	197.5%	1,011	-4.6%
S&P CONSUMER DSCRTNRY SE	6,079	3,988	52.4%	7,010	-13.3%
S&P HEALTH CARE SECTOR	6,821	7,474	-8.7%	7,758	-12.1%
S&P UTILITIES SECTOR	23,571	12,556	87.7%	24,281	-2.9%
S&P CONSUMER STAPLES SECT	25,322	8,375	202.4%	22,962	10.3%
S&P TECHNOLOGY SECTOR	11,085	5,252	111.1%	14,029	-21.0%
S&P INDUSTRIAL SECTOR	5,120	3,572	43.3%	5,396	-5.1%
S&P FINANCIAL SECTOR	32,163	10,826	197.1%	30,228	6.4%
S&P ENERGY SECTOR	11,803	6,576	79.5%	13,358	-11.6%
S&P MATERIALS SECTOR	4,178	3,770	10.8%	7,685	-45.6%
IBOVESPA INDEX	676	143	372.7%	551	22.7%
E-MINI RUSSELL 1000 VALUE	7,628	1,337	470.5%	12,523	-39.1%
FT-SE 100	19	15	26.7%	144	-86.8%
E-MINI RUSSELL 1000 GROWTH	1,624	51	3,084.3%	4,216	-61.5%
E-mini (\$5) Dow	99,947	128,693	-22.3%	114,094	-12.4%
YEN DENOMINATED TOPIX	90	0	-	151	-40.4%
NIFTY 50	1,510	1,586	-4.8%	69	2,088.4%
FTSE Emerging	20	0	-	38	-47.4%
E-mini FTSE 100 (USD)	0	0	-	0	0.0%
E-mini FTSE China 50	226	131	72.5%	158	43.0%
BITCOIN FUTURES	1,710	0	-	1,680	1.8%
E-MINI S&P REAL ESTATE SELE	2,988	2,156	38.6%	6,470	-53.8%

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<b>Equity Index Options</b>					
E-MINI S&P500	1,639,472	1,131,567	44.9%	2,661,775	-38.4%
S&P 500	96,009	79,380	20.9%	193,222	-50.3%
E-MINI MIDCAP	0	0	-	0	-
E-MINI RUSSELL 2000	7,267	0	-	18,608	-60.9%
E-MINI NASDAQ 100	70,778	44,416	59.4%	79,543	-11.0%
EOM S&P 500	23,602	18,810	25.5%	77,430	-69.5%
EOM EMINI S&P	498,323	517,621	-3.7%	685,646	-27.3%
EOW2 EMINI S&P 500	132,476	218,604	-39.4%	141,766	-6.6%
EOW2 S&P 500	8,609	18,715	-54.0%	5,392	59.7%
EOW1 EMINI S&P 500	247,024	495,056	-50.1%	304,647	-18.9%
EOW1 S&P 500	10,013	64,607	-84.5%	37,182	-73.1%
EOW4 EMINI S&P 500	55,264	0	-	63,402	-12.8%
E-mini (\$5) Dow	8,788	6,378	37.8%	11,485	-23.5%
EOW3 EMINI S&P 500	1,231,223	1,615,636	-23.8%	695,344	77.1%
EOW3 E-MINI RUSSELL 2000 WE	26,819	0	-	8,634	210.6%
EOW1 E-MINI RUSSELL 2000 WE	1,733	0	-	1,478	17.3%
EOM E-MINI RUSSELL 2000 END	481	0	-	6,057	-92.1%
EOW3 S&P 500	113,937	271,788	-58.1%	73,049	56.0%
EOW2 E-MINI RUSSELL 2000 WE	1,590	0	-	2,248	-29.3%
EOW1 E-MINI RUSSELL 2000 WE	2,464	0	-	2,370	4.0%
EOW4 E-MINI RUSSELL 2000 WE	1,369	0	-	572	139.3%
<b>Metals Futures</b>					
COMEX COPPER	291,568	276,851	5.3%	269,196	8.3%
URANIUM	2,964	5,049	-41.3%	2,964	0.0%
COMEX MINY COPPER	137	130	5.4%	138	-0.7%
COMEX GOLD	500,119	419,515	19.2%	529,648	-5.6%
COMEX SILVER	229,252	217,076	5.6%	192,118	19.3%
NYMEX PLATINUM	74,770	63,750	17.3%	85,074	-12.1%
NYMEX HOT ROLLED STEEL	14,987	12,733	17.7%	13,148	14.0%
PALLADIUM	23,794	33,076	-28.1%	28,259	-15.8%
E-MICRO GOLD	7,871	4,499	74.9%	8,177	-3.7%
SILVER	1,422	409	247.7%	1,949	-27.0%
COPPER	15,567	1,528	918.8%	12,786	21.8%
FERROUS PRODUCTS	4,259	321	1,226.8%	5,285	-19.4%
ALUMINUM	72,601	64,438	12.7%	69,348	4.7%
GOLD	0	0	-	0	-
COMEX E-Mini GOLD	582	975	-40.3%	721	-19.3%
COMEX E-Mini SILVER	211	121	74.4%	174	21.3%
IRON ORE 62 CHINA TSI FUTURE	10,922	18,448	-40.8%	10,504	4.0%
IRON ORE 62 CHINA PLATTS FU	1,170	1,312	-10.8%	1,540	-24.0%
Gold Kilo	57	6	850.0%	24	137.5%
LNDN ZINC	3	0	-	9	-66.7%
METALS	0	0	-	0	-

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<b>Metals Options</b>					
COMEX COPPER	13,999	2,646	429.1%	11,587	20.8%
COMEX GOLD	1,019,943	978,852	4.2%	973,055	4.8%
COMEX SILVER	151,782	108,239	40.2%	140,872	7.7%
NYMEX PLATINUM	3,230	2,748	17.5%	4,454	-27.5%
PALLADIUM	2,864	3,496	-18.1%	1,759	62.8%
SILVER	30	0	-	141	-78.7%
GOLD	4,237	1,877	125.7%	5,877	-27.9%
IRON ORE 62 CHINA TSI PUT OP	1,620	9,400	-82.8%	1,780	-9.0%
IRON ORE 62 CHINA TSI CALL O	3,404	12,006	-71.6%	3,837	-11.3%
HOT ROLLED COIL STEEL CALL	900	0	-	1,320	-31.8%
<b>Energy Futures</b>					
ETHANOL	1,812	5,100	-64.5%	1,938	-6.5%
ETHANOL FWD	0	116	-100.0%	0	-
MARS BLEND CRUDE OIL	389	2,144	-81.9%	60	548.3%
HUSTN SHIP CHNL PIPE SWP	0	2,225	-100.0%	0	-
NATURAL GAS PHY	1,433,262	1,383,409	3.6%	1,348,281	6.3%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	616	343	79.6%	661	-6.8%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-
FUEL OIL (PLATS) CAR CN	45	0	-	45	0.0%
FUEL OIL (PLATS) CAR CM	140	105	33.3%	100	40.0%
SINGAPORE MOGAS 92 UNLEAD	19,092	18,327	4.2%	17,923	6.5%
ETHANOL T2 FOB ROTT INCL DU	5,382	4,183	28.7%	5,679	-5.2%
SINGAPORE MOGAS 92 UNLEAD	225	82	174.4%	738	-69.5%
JET AV FUEL (P) CAR FM ICE GA	20	27	-25.9%	22	-9.1%
NY JET FUEL (PLATTS) HEAT OIL	0	0	-	0	-
PROPANE NON-LDH MB (OPIS) B	1,035	520	99.0%	457	126.5%
PROPANE NON-LDH MT. BEL (OF	39,207	31,842	23.1%	32,132	22.0%
N ILLINOIS HUB DAILY	387	186	108.1%	238	62.6%
CINERGY HUB PEAK MONTH	240	288	-16.7%	264	-9.1%
NO 2 UP-DOWN SPREAD CALEN	935	1,535	-39.1%	960	-2.6%
CIN HUB 5MW D AH O PK	110,600	337,000	-67.2%	124,040	-10.8%
NY 3.0% FUEL OIL (PLATTS	600	535	12.1%	625	-4.0%
ARGUS LLS VS. WTI (ARG) T	51,265	11,737	336.8%	57,142	-10.3%
SOUTH STAR TEX OKLHM KNS	90	464	-80.6%	100	-10.0%
NYISO ZONE A 5MW D AH PK	6,120	11,380	-46.2%	6,498	-5.8%
NEPOOL INTR HUB 5MW D AH	525,270	652,163	-19.5%	538,797	-2.5%
PJM COMED 5MW D AH O PK	19,680	103,035	-80.9%	21,440	-8.2%
NYISO ZONE A 5MW D AH O P	53,614	146,310	-63.4%	58,990	-9.1%
CHICAGO UNL GAS PL VS RBO	525	30	1,650.0%	300	75.0%
PREMIUM UNLEAD 10PPM FOB	10	5	100.0%	70	-85.7%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	180	25	620.0%	197	-8.6%
PJM WESTHDA PEAK	18,960	50,990	-62.8%	20,115	-5.7%
PJM DAYTON DA PEAK	9,216	18,098	-49.1%	9,594	-3.9%
PJM WESTH DA OFF-PEAK	349,827	898,582	-61.1%	370,947	-5.7%
PJM PPL DA OFF-PEAK	0	0	-	0	-

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<b>Energy Futures</b>					
PJM AECO DA OFF-PEAK	0	10,503	-100.0%	0	-
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	10	50	-80.0%	0	-
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	30	30	0.0%	40	-25.0%
EUROPE NAPHTHA CALSWAP	3,429	2,914	17.7%	3,863	-11.2%
HENRY HUB SWING FUTURE	0	0	-	0	-
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
BRENT BALMO SWAP	0	0	-	50	-100.0%
CIG ROCKIES NG INDEX SWA	0	720	-100.0%	0	-
PJM PECO ZONE5MW PEAK CAL	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING	257	2,601	-90.1%	291	-11.7%
N ROCKIES PIPE SWAP	91	456	-80.0%	122	-25.4%
GASOIL MINI CALENDAR SWAP	611	402	52.0%	711	-14.1%
BRENT OIL LAST DAY	203,573	131,625	54.7%	210,305	-3.2%
EUROPEAN NAPHTHA BALMO	205	398	-48.5%	304	-32.6%
EURO 3.5% FUEL OIL RDAM B	419	499	-16.0%	621	-32.5%
LA CARB DIESEL (OPIS) SWA	400	227	76.2%	350	14.3%
GULF COAST ULSD CALENDAR	1,317	3,176	-58.5%	1,526	-13.7%
CENTERPOINT EAST INDEX	0	0	-	0	-
CENTERPOINT BASIS SWAP	7,463	16,400	-54.5%	8,180	-8.8%
WTI-BRENT CALENDAR SWAP	136,419	41,192	231.2%	141,188	-3.4%
EURO GASOIL 10PPM VS ICE	410	263	55.9%	442	-7.2%
BRENT CALENDAR SWAP	11,421	17,106	-33.2%	11,801	-3.2%
MINY HTG OIL	0	0	-	1	-100.0%
FUELOIL SWAP:CARGOES VS.B	810	1,013	-20.0%	846	-4.3%
TD3 MEG TO JAPAN 250K MT	1,812	0	-	1,005	80.3%
DOMINION TRAN INC - APP I	2,448	2,920	-16.2%	2,672	-8.4%
TENNESSEE ZONE 0 BASIS SW	0	1,032	-100.0%	124	-100.0%
PJM OFF-PEAK LMP SWAP FUT	412	944	-56.4%	454	-9.3%
AEP-DAYTON HUB OFF-PEAK M	0	500	-100.0%	0	-
AEP-DAYTON HUB DAILY	138	212	-34.9%	110	25.5%
EASTERN RAIL DELIVERY CSX	195	1,301	-85.0%	210	-7.1%
HTG OIL	212	200	6.0%	231	-8.2%
EUROPE 3.5% FUEL OIL MED	428	907	-52.8%	480	-10.8%
WAHA INDEX SWAP FUTURE	0	248	-100.0%	0	-
EL PASO PERMIAN INDEX SWA	0	0	-	0	-
HEATING OIL PHY	413,584	421,066	-1.8%	409,292	1.0%
PJM MONTHLY	1,220	3,324	-63.3%	1,250	-2.4%
NY HARBOR HEAT OIL SWP	7,254	11,124	-34.8%	6,984	3.9%
TCO BASIS SWAP	7,805	22,809	-65.8%	9,014	-13.4%
DOMINION TRANSMISSION INC	24,141	60,943	-60.4%	26,094	-7.5%
NYISO A	0	0	-	0	-
MINY NATURAL GAS	2,139	1,308	63.5%	2,934	-27.1%
TRANSCO ZONE 6 BASIS SWAP	2,228	8,411	-73.5%	2,321	-4.0%
NYH NO 2 CRACK SPREAD CAL	4,578	9,433	-51.5%	4,386	4.4%
JAPAN C&F NAPHTHA CRACK S	759	1,095	-30.7%	825	-8.0%
PERMIAN BASIS SWAP	8,296	18,902	-56.1%	8,854	-6.3%
NY HARBOR RESIDUAL FUEL 1	2,250	5,380	-58.2%	2,477	-9.2%
GULF COAST NO.6 FUEL OIL	53,686	55,944	-4.0%	50,205	6.9%
NGPL MID-CONTINENT	20,743	29,184	-28.9%	21,363	-2.9%

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<b>Energy Futures</b>					
NYISO J	0	1,366	-100.0%	0	-
NYISO G	0	0	-	0	-
ARGUS PROPAN(SAUDI ARAMC	1,897	781	142.9%	1,493	27.1%
JAPAN NAPHTHA BALMO SWAP	15	30	-50.0%	68	-77.9%
EUROPE JET KERO NWE CALSW	42	36	16.7%	60	-30.0%
JET CIF NWE VS ICE	668	452	47.8%	733	-8.9%
RBOB PHY	430,324	389,241	10.6%	414,966	3.7%
RBOB GAS	3,935	1,174	235.2%	3,922	0.3%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-
NY1% VS GC SPREAD SWAP	4,420	7,825	-43.5%	4,398	0.5%
GULF COAST 3% FUEL OIL BA	725	543	33.5%	466	55.6%
EUROPE 3.5% FUEL OIL RDAM	11,899	12,219	-2.6%	10,954	8.6%
FUEL OIL NWE CRACK VS ICE	156	0	-	156	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
TRANSCO ZONE 6 INDEX	0	1,960	-100.0%	0	-
SONAT BASIS SWAP FUTURE	0	550	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	11,384	34,969	-67.4%	12,151	-6.3%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	5,025	21,377	-76.5%	5,425	-7.4%
CRUDE OIL PHY	2,525,557	2,240,224	12.7%	2,471,981	2.2%
CINERGY HUB OFF-PEAK MONT	100	132	-24.2%	110	-9.1%
ANR LOUISIANA BASIS SWAP	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	6,625	23,116	-71.3%	7,586	-12.7%
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	200	0	-	200	0.0%
SINGAPORE JET KEROSENE SW	2,155	3,785	-43.1%	2,505	-14.0%
SINGAPORE 380CST FUEL OIL	8,683	16,232	-46.5%	8,770	-1.0%
AEP-DAYTON HUB MTHLY	0	700	-100.0%	0	-
N ILLINOIS HUB MTHLY	0	200	-100.0%	0	-
ISO NEW ENGLAND OFF-PEAK	0	140	-100.0%	0	-
NYISO G OFF-PEAK	0	0	-	0	-
NYISO A OFF-PEAK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	378	0	-	241	56.8%
EUROPE DATED BRENT SWAP	375	369	1.6%	450	-16.7%
WESTERN RAIL DELIVERY PRB	370	1,445	-74.4%	180	105.6%
NATURAL GAS PEN SWP	151,352	277,555	-45.5%	154,751	-2.2%
SINGAPORE GASOIL VS ICE	43,940	28,341	55.0%	36,510	20.4%
JET BARGES VS ICE GASOIL	0	0	-	0	-
SOCAL PIPE SWAP	0	0	-	0	-
SINGAPORE 180CST BALMO	25	66	-62.1%	80	-68.8%
MONT BELVIEU LDH PROPANE 5	111,964	109,507	2.2%	115,010	-2.6%
MONT BELVIEU ETHANE 5 DECI	47,889	87,457	-45.2%	49,619	-3.5%
MONT BELVIEU NORMAL BUTAN	30,422	38,437	-20.9%	31,311	-2.8%
WAHA BASIS	5,495	10,229	-46.3%	5,712	-3.8%
PREM UNL GAS 10PPM RDAM F	0	32	-100.0%	10	-100.0%
PREM UNL GAS 10PPM RDAM F	0	7	-100.0%	80	-100.0%
HENRY HUB SWAP	1,099,405	1,278,678	-14.0%	1,119,645	-1.8%
HENRY HUB FINANCIAL LAST	6	0	-	12	-50.0%
HENRY HUB BASIS SWAP	3,172	43,535	-92.7%	2,936	8.0%
CHICAGO ETHANOL SWAP	60,982	56,875	7.2%	66,865	-8.8%
PJM WESTH RT OFF-PEAK	1,634,862	2,167,840	-24.6%	1,704,851	-4.1%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>Energy Futures</b>					
PJM JCPL DA OFF-PEAK	0	11,670	-100.0%	0	-
PJM DAYTON DA OFF-PEAK	100,504	211,428	-52.5%	108,568	-7.4%
PJM AD HUB 5MW REAL TIME	327,235	730,389	-55.2%	310,495	5.4%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-
ISO NEW ENGLAND PK LMP	0	170	-100.0%	0	-
CRUDE OIL	15,362	23,182	-33.7%	13,682	12.3%
EUROPEAN NAPHTHA CRACK SP	13,529	10,726	26.1%	15,011	-9.9%
GASOIL CRACK SPREAD CALEN	26,211	20,581	27.4%	27,447	-4.5%
ICE BRENT DUBAI SWAP	43,901	20,433	114.9%	50,283	-12.7%
BRENT FINANCIAL FUTURES	9,838	1,101	793.6%	7,354	33.8%
DEMARC SWING SWAP	0	0	-	0	-
NGPL MIDCONTINENT SWING S	0	0	-	0	-
GASOIL CALENDAR SWAP	12	65	-81.5%	6	100.0%
EURO 3.5% FUEL OIL SPREAD	203	2,219	-90.9%	164	23.8%
NYMEX ALUMINUM FUTURES	594	1,064	-44.2%	649	-8.5%
GULF COAST JET VS NYM 2 H	35,370	36,351	-2.7%	33,895	4.4%
SAN JUAN BASIS SWAP	17,066	34,355	-50.3%	18,213	-6.3%
EUROPE 1% FUEL OIL RDM C	0	10	-100.0%	0	-
GULF COAST GASOLINE CLNDR	0	0	-	0	-
Transco Zone 3 Basis	2,475	6,310	-60.8%	2,816	-12.1%
Tetco STX Basis	550	1,555	-64.6%	612	-10.1%
COLUMBIA GULF ONSHORE	0	12,925	-100.0%	0	-
PJM DAILY	2,499	606	312.4%	824	203.3%
CIG BASIS	19,154	42,327	-54.7%	20,525	-6.7%
NORTHEN NATURAL GAS VENTL	1,468	4,504	-67.4%	1,511	-2.8%
TEXAS EASTERN ZONE M-3 BA	5,053	21,027	-76.0%	5,456	-7.4%
MICHIGAN BASIS	4,245	10,919	-61.1%	4,623	-8.2%
ANR OKLAHOMA	1,433	3,262	-56.1%	1,526	-6.1%
LA JET FUEL VS NYM NO 2 H	0	25	-100.0%	0	-
RBOB UP-DOWN CALENDAR SW	0	0	-	0	-
RBOB CALENDAR SWAP	11,776	10,643	10.6%	12,213	-3.6%
MINY RBOB GAS	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	6,368	5,723	11.3%	6,041	5.4%
GAS EURO-BOB OXY NWE BARG	32,620	29,810	9.4%	31,118	4.8%
PETRO OUTRIGHT EURO	12,213	17,599	-30.6%	11,281	8.3%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
LA CARBOB GASOLINE(OPIS)S	825	200	312.5%	1,075	-23.3%
EURO PROPANE CIF ARA SWA	1,781	1,323	34.6%	2,019	-11.8%
GASOIL BULLET SWAP	0	0	-	0	-
NEW YORK ETHANOL SWAP	2,950	730	304.1%	2,955	-0.2%
LA CARB DIESEL (OPIS)	0	52	-100.0%	0	-
DEMARC INDEX FUTURE	0	0	-	0	-
WTI CALENDAR	170,046	129,462	31.3%	167,126	1.7%
APPALACHIAN COAL (PHY)	0	0	-	0	-
ROCKIES KERN OPAL - NW IN	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	1,971	1,331	48.1%	1,991	-1.0%
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-
NORTHEN NATURAL GAS DEMA	1,356	2,758	-50.8%	1,542	-12.1%
TENNESSEE 500 LEG BASIS S	0	1,094	-100.0%	0	-
EAST/WEST FUEL OIL SPREAD	142	876	-83.8%	135	5.2%
NYISO J OFF-PEAK	0	300	-100.0%	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>Energy Futures</b>					
TC5 RAS TANURA TO YOKOHAM	80	0	-	115	-30.4%
WTI-BRENT BULLET SWAP	404	904	-55.3%	404	0.0%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	2,072	30,153	-93.1%	6,192	-66.5%
Sumas Basis Swap	4,589	8,414	-45.5%	4,850	-5.4%
RBOB CRACK SPREAD	5,218	2,034	156.5%	5,230	-0.2%
CIN HUB 5MW D AH PK	7,386	16,931	-56.4%	7,509	-1.6%
TEXAS GAS ZONE1 NG BASIS	4,324	11,904	-63.7%	4,808	-10.1%
SINGAPORE GASOIL SWAP	8,732	19,863	-56.0%	10,131	-13.8%
GULF COAST JET FUEL CLNDR	687	1,071	-35.9%	773	-11.1%
ULSD 10PPM CIF MED VS ICE	29	21	38.1%	29	0.0%
PJM BGE DA OFF-PEAK	13,707	33,927	-59.6%	16,171	-15.2%
SINGAPORE 380CST BALMO	133	158	-15.8%	101	31.7%
LTD NAT GAS	366,598	377,909	-3.0%	366,344	0.1%
NORTHWEST ROCKIES BASIS S	33,385	63,077	-47.1%	35,183	-5.1%
SING FUEL	0	15	-100.0%	0	-
CIN HUB 5MW REAL TIME O P	397,784	622,688	-36.1%	425,224	-6.5%
NYISO ZONE C 5MW D AH PK	0	0	-	0	-
NEPOOL NE MASS 5MW D AH O	14,040	0	-	14,040	0.0%
NEPOOL NE MASS 5MW D AH P	765	0	-	765	0.0%
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-
NEPOOL CNCTCT 5MW D AH O	0	3,936	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	0	213	-100.0%	0	-
NEPOOL W CNT MASS 5MW D A	0	7,872	-100.0%	0	-
PJM COMED 5MW D AH PK	1,065	5,685	-81.3%	1,165	-8.6%
NYISO ZONE J 5MW D AH O P	233,441	279,821	-16.6%	243,041	-3.9%
NYISO ZONE J 5MW D AH PK	16,731	17,498	-4.4%	17,151	-2.4%
PJM NI HUB 5MW REAL TIME	580,919	1,649,380	-64.8%	632,241	-8.1%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-
ONEOK OKLAHOMA NG BASIS	550	1,325	-58.5%	612	-10.1%
COLUMB GULF MAINLINE NG B	2,988	15,350	-80.5%	3,572	-16.3%
PANHANDLE PIPE SWAP	1,989	864	130.2%	2,258	-11.9%
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-
ELEC MISO PEAK	3,195	1,067	199.4%	3,495	-8.6%
ELEC NYISO OFF-PEAK	59,040	15,744	275.0%	64,320	-8.2%
WTS (ARGUS) VS WTI SWAP	66,728	47,802	39.6%	69,615	-4.1%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
CAISO SP15 EZGNHUB5 MW P	0	6,450	-100.0%	0	-
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	1,945	4,351	-55.3%	2,184	-10.9%
JET FUEL UP-DOWN BALMO CL	8,747	10,656	-17.9%	5,305	64.9%
ULSD UP-DOWN BALMO SWP	3,235	3,685	-12.2%	3,995	-19.0%
EUROPEAN GASOIL (ICE)	294	2,852	-89.7%	383	-23.2%
NYISO ZONE G 5MW D AH O P	575,478	348,341	65.2%	532,679	8.0%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	492	954	-48.4%	546	-9.9%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
LA JET (OPIS) SWAP	2,990	2,070	44.4%	2,875	4.0%
PJM AEEO DA PEAK	0	585	-100.0%	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-
TETCO M-3 INDEX	0	5,992	-100.0%	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>Energy Futures</b>					
SINGAPORE JET KERO GASOIL	10,230	7,085	44.4%	9,930	3.0%
SINGAPORE FUEL OIL SPREAD	1,937	1,590	21.8%	932	107.8%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-
NEW YORK HUB ZONE G PEAK	2,556	1,550	64.9%	2,706	-5.5%
SINGAPORE FUEL 180CST CAL	1,117	2,290	-51.2%	978	14.2%
EUROPE 1% FUEL OIL NWE CA	248	260	-4.6%	187	32.6%
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
ICE GASOIL BALMO SWAP	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-
MICHCON NG INDEX SWAP	0	0	-	0	-
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	-
TCO NG INDEX SWAP	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	0	1,800	-100.0%	31	-100.0%
PJM WESTH RT PEAK	118,297	153,990	-23.2%	135,633	-12.8%
PJM PSEG DA OFF-PEAK	46,740	122,835	-61.9%	53,780	-13.1%
PJM PSEG DA PEAK	1,300	5,100	-74.5%	1,700	-23.5%
PJM PPL DA PEAK	0	0	-	0	-
PJM JCPL DA PEAK	0	650	-100.0%	0	-
PJM BGE DA PEAK	751	1,850	-59.4%	891	-15.7%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-
DATED TO FRONTLINE BRENT	7,325	8,745	-16.2%	8,395	-12.7%
NEPOOL W CNTR M 5MW D AH	0	641	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	0	428	-100.0%	0	-
UP DOWN GC ULSD VS NMX HO	31,079	42,543	-26.9%	34,957	-11.1%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-
GULF COAST ULSD CRACK SPR	1,095	2,473	-55.7%	1,045	4.8%
NYMEX ULSD VS NYMEX HO	0	0	-	0	-
RBOB VS HEATING OIL SWAP	1,710	4,750	-64.0%	1,950	-12.3%
NYISO ZONE G 5MW D AH PK	21,540	22,310	-3.5%	20,838	3.4%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
ARGUS PROPAN FAR EST INDE	4,806	1,747	175.1%	4,175	15.1%
3.5% FUEL OIL CID MED SWA	312	732	-57.4%	373	-16.4%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-
BRENT CFD SWAP	0	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	996	150	564.0%	896	11.2%
EURO 1% FUEL OIL NEW BALM	0	0	-	5	-100.0%
DUBAI CRUDE OIL BALMO	125	0	-	0	-
SINGAPORE JET KERO BALMO	0	0	-	165	-100.0%
WTS (ARGUS) VS WTI TRD MT	3,326	1,720	93.4%	3,657	-9.1%
MARS (ARGUS) VS WTI TRD M	28,560	23,852	19.7%	35,195	-18.9%
MARS (ARGUS) VS WTI SWAP	8,635	13,403	-35.6%	8,725	-1.0%
NATURAL GAS	80,022	124,313	-35.6%	91,249	-12.3%
NGPL TEXOK INDEX	0	0	-	0	-
FUEL OIL CRACK VS ICE	16,269	20,445	-20.4%	13,144	23.8%
HOUSTON SHIP CHANNEL BASI	16,091	22,471	-28.4%	17,235	-6.6%
LLS (ARGUS) VS WTI SWAP	24,055	26,860	-10.4%	22,149	8.6%
JAPAN C&F NAPHTHA SWAP	2,366	1,801	31.4%	2,521	-6.1%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
MINY WTI CRUDE OIL	3,290	4,375	-24.8%	3,431	-4.1%
CIN HUB 5MW REAL TIME PK	32,952	48,540	-32.1%	34,778	-5.3%
PJM NILL DA PEAK	20,506	50,615	-59.5%	22,795	-10.0%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-
PJM NILL DA OFF-PEAK	342,182	993,883	-65.6%	394,022	-13.2%
PETROCHEMICALS	12,097	8,612	40.5%	12,069	0.2%
IN DELIVERY MONTH EUA	3,698	10,748	-65.6%	3,698	0.0%
MONT BELVIEU NORMAL BUTAN	960	1,635	-41.3%	392	144.9%
MONT BELVIEU NATURAL GASO	640	210	204.8%	260	146.2%
CONWAY NORMAL BUTANE (OPI	795	2,410	-67.0%	913	-12.9%
CONWAY PROPANE 5 DECIMALS	20,282	14,340	41.4%	17,658	14.9%
MONT BELVIEU NATURAL GASO	19,168	12,686	51.1%	19,475	-1.6%
CONWAY NATURAL GASOLINE (	954	933	2.3%	1,133	-15.8%
MONT BELVIEU LDH PROPANE C	2,431	774	214.1%	2,150	13.1%
MONT BELVIEU ETHANE OPIS B	15	75	-80.0%	300	-95.0%
SINGAPORE JET KERO VS. GAS	0	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW	2,830	0	-	2,200	28.6%
ERCOT NORTH ZMCPE 5MW PE	7,590	400	1,797.5%	7,400	2.6%
ERCOT NORTH ZMCPE 5MW OF	110,880	0	-	110,880	0.0%
ERCOT NORTH ZMCPE 5MW OF	0	0	-	5,760	-100.0%
DIESEL 10PPM BARGES FOB B	0	0	-	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	11,682	5,303	120.3%	11,595	0.8%
GRP THREE UNL GS (PLT) VS	3,857	3,775	2.2%	4,151	-7.1%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	879	1,519	-42.1%	803	9.5%
PETRO CRK&SPRD EURO	20,227	19,631	3.0%	20,592	-1.8%
CRUDE OIL OUTRIGHTS	135,375	32,891	311.6%	133,171	1.7%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-
FREIGHT MARKETS	1,511	998	51.4%	1,440	4.9%
MCCLOSKEY ARA ARGS COAL	43,276	72,640	-40.4%	41,759	3.6%
MNC FUT	4,887	4,871	0.3%	4,068	20.1%
MCCLOSKEY RCH BAY COAL	6,024	13,771	-56.3%	4,921	22.4%
CRUDE OIL SPRDS	167,091	24,920	570.5%	165,938	0.7%
ELEC FINSETTLED	1,450	2,599	-44.2%	1,490	-2.7%
ELECTRICITY OFF PEAK	26,576	47,744	-44.3%	27,280	-2.6%
PETRO OUTRIGHT NA	7,819	20,036	-61.0%	7,852	-0.4%
ALGON CITY GATES NAT GAS	0	1,960	-100.0%	0	-
NEPOOL NEW HAMP 5MW D AH	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-
NAT GAS BASIS SWAP	4,755	11,855	-59.9%	5,127	-7.3%
RBOB SPREAD (PLATTS) SWAP	0	27	-100.0%	0	-
NGPL TEX/OK	23,202	35,586	-34.8%	27,215	-14.7%
NEPOOL RHD ISLD 5MW D AH	0	1,226	-100.0%	0	-
HEATING OIL BALMO CLNDR S	0	175	-100.0%	37	-100.0%
PJM APS ZONE DA PEAK	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	2,108	740	184.9%	4,303	-51.0%
ELEC ERCOT DLY PEAK	140	60	133.3%	480	-70.8%
PETROLEUM PRODUCTS ASIA	2,618	2,210	18.5%	3,154	-17.0%
PETRO CRCKS & SPRDS NA	83,708	81,857	2.3%	85,428	-2.0%
SINGAPORE GASOIL	12,136	10,774	12.6%	12,288	-1.2%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
ONTARIO POWER SWAPS	0	37,670	-100.0%	0	-
ETHANOL SWAP	10	0	-	0	-
PLASTICS	992	1,433	-30.8%	1,009	-1.7%
MJC FUT	620	323	92.0%	625	-0.8%
TENN 800 LEG NAT GAS INDE	0	0	-	0	-
NEPOOL RHODE IL 5MW D AH	0	22,305	-100.0%	0	-
PETROLEUM PRODUCTS	12,903	6,664	93.6%	12,448	3.7%
PJM ATSI ELEC	12,320	84,680	-85.5%	16,040	-23.2%
COAL SWAP	155	280	-44.6%	45	244.4%
MGN1 SWAP FUT	448	474	-5.5%	392	14.3%
PETRO CRCKS & SPRDS ASIA	1,278	319	300.6%	1,395	-8.4%
INDIANA MISO	28,489	27,672	3.0%	25,016	13.9%
MICHIGAN MISO	29,043	198,705	-85.4%	31,647	-8.2%
NYISO CAPACITY	3,043	3,890	-21.8%	3,114	-2.3%
GROUP THREE ULSD (PLATTS)	115	250	-54.0%	115	0.0%
EURO-DENOMINATED PETRO P	0	0	-	0	-
AUSTRIALIAN COKE COAL	288	896	-67.9%	312	-7.7%
DAILY PJM	220,442	296,391	-25.6%	231,591	-4.8%
UCM FUT	50	41	22.0%	60	-16.7%
INDONESIAN COAL	0	0	-	0	-
NEW YORK HUB ZONE J PEAK	660	851	-22.4%	770	-14.3%
DLY GAS EURO-BOB OXY	0	0	-	0	-
NATURAL GAS INDEX	0	1,708	-100.0%	0	-
MGF FUT	45	148	-69.6%	80	-43.8%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
NATURAL GAS FIXED PRICE SW	0	1,080	-100.0%	0	-
3.5% FUEL OIL CIF BALMO S	0	5	-100.0%	0	-
MINI RBOB V. EBOB(ARGUS) NW	1,945	2,688	-27.6%	1,919	1.4%
SUMAS NAT GAS PLATTS FIXED	0	550	-100.0%	0	-
NY HARBOR LOW SULPUR GAS	770	1,522	-49.4%	840	-8.3%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-
MINI RBOB V. EBOBARG NWE BF	71	0	-	0	-
ELEC ERCOT DLY OFF PK	0	0	-	0	-
CANADIAN LIGHT SWEET OIL	56	7,480	-99.3%	63	-11.1%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
MINI GAS EUROBOB OXY NWE A	286	438	-34.7%	235	21.7%
ELECTRICITY ERCOT PEAK	0	0	-	0	-
CAISO SP15 EZGNHUB5 PEAK	0	1,250	-100.0%	0	-
CEU ENERGY	234	0	-	308	-24.0%
INDONESIAN COAL ICI4	80	0	-	20	300.0%
ERCOT DAILY 5MW PEAK	0	0	-	0	-
ELEC WEST POWER PEAK	0	2,600	-100.0%	0	-
ELEC WEST POWER OFF-PEAK	0	1,250	-100.0%	0	-
<b>Energy Options</b>					
ETHANOL	100	305	-67.2%	0	-
EUROPEAN JET KEROSENE NW	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
NATURAL GAS PHY	1,503,581	2,689,054	-44.1%	1,632,559	-7.9%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>Energy Options</b>					
NATURAL GAS 3 M CSO FIN	29,185	9,150	219.0%	29,200	-0.1%
NATURAL GAS 1 M CSO FIN	0	30,600	-100.0%	0	-
WTI CRUDE OIL 1 M CSO FI	180,868	312,764	-42.2%	176,627	2.4%
SINGAPORE JET FUEL CALEND	0	760	-100.0%	0	-
ROTTERDAM 3.5%FUEL OIL CL	0	480	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	0	0	0.0%	0	-
N ROCKIES PIPE SWAP	1,624	3,780	-57.0%	1,624	0.0%
BRENT OIL LAST DAY	219,868	87,152	152.3%	174,687	25.9%
SAN JUAN PIPE SWAP	840	3,642	-76.9%	880	-4.5%
BRENT CALENDAR SWAP	3,241	15,351	-78.9%	3,306	-2.0%
HEATING OIL PHY	45,709	51,075	-10.5%	45,415	0.6%
PJM MONTHLY	0	0	-	0	-
NY HARBOR HEAT OIL SWP	17,513	28,920	-39.4%	17,499	0.1%
NG HH 3 MONTH CAL	0	0	-	0	-
RBOB PHY	9,529	17,712	-46.2%	8,958	6.4%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
CRUDE OIL PHY	2,978,386	3,022,813	-1.5%	2,899,149	2.7%
CRUDE OIL 1MO	339,700	775,585	-56.2%	334,650	1.5%
SOCAL PIPE SWAP	0	0	-	0	-
HENRY HUB FINANCIAL LAST	5,984	10,445	-42.7%	6,213	-3.7%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-
HEATING OIL CRACK OPTIONS	0	0	-	0	-
CRUDE OIL APO	452,603	290,847	55.6%	452,170	0.1%
RBOB CALENDAR SWAP	525	1,179	-55.5%	375	40.0%
PETRO OUTRIGHT EURO	0	300	-100.0%	0	-
WTI-BRENT BULLET SWAP	334,804	157,620	112.4%	320,588	4.4%
PANHANDLE PIPE SWAP	5,040	2,880	75.0%	5,760	-12.5%
NATURAL GAS OPTION ON CALE	6,802	5,958	14.2%	5,482	24.1%
ELEC MISO PEAK	0	0	-	0	-
NATURAL GAS	0	0	-	0	-
NYISO ZONE G 5MW PEAK OPTI	0	14,910	-100.0%	0	-
PETROCHEMICALS	3,234	8,420	-61.6%	4,049	-20.1%
CRUDE OIL OUTRIGHTS	5,510	150	3,573.3%	6,180	-10.8%
MCCLOSKEY ARA ARGS COAL	590	1,070	-44.9%	590	0.0%
MCCLOSKEY RCH BAY COAL	1,225	0	-	575	113.0%
ELEC FINSETTLED	0	0	-	0	-
PETRO OUTRIGHT NA	60	0	-	66	-9.1%
NATURAL GAS 5 M CSO FIN	1,250	2,325	-46.2%	0	-
BRENT CRUDE OIL 1 M CSO	118,900	0	-	0	-
HEATING OIL CRK SPD AVG PRI	0	0	-	0	-
NATURAL GAS 2 M CSO FIN	0	1,850	-100.0%	0	-
BRENT 1 MONTH CAL	3,000	0	-	3,000	0.0%
SINGAPORE GASOIL CALENDAR	0	250	-100.0%	0	-
ETHANOL SWAP	15,998	12,703	25.9%	16,682	-4.1%
NATURAL GAS 6 M CSO FIN	500	0	-	24,950	-98.0%
SHORT TERM NATURAL GAS	0	40	-100.0%	0	0.0%
SHORT TERM	0	0	-	0	-
COAL SWAP	270	665	-59.4%	415	-34.9%
COAL API2 INDEX	2,525	4,330	-41.7%	1,935	30.5%
EURO-DENOMINATED PETRO P	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>Energy Options</b>					
COAL API4 INDEX	25	0	-	115	-78.3%
PJM WES HUB PEAK LMP 50MW	8,979	15,463	-41.9%	10,113	-11.2%
LLS CRUDE OIL	2,800	11,025	-74.6%	3,400	-17.6%
PJM WES HUB PEAK CAL MTH	1,630	2,340	-30.3%	1,570	3.8%
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-
GASOLINE	0	0	-	0	-
12 MO GASOIL CAL SWAP SPR	0	0	-	0	-
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>FX Futures</b>					
AUSTRALIAN DOLLAR	107,983	137,605	-21.5%	112,230	-3.8%
BRITISH POUND	175,349	246,071	-28.7%	203,354	-13.8%
BRAZIL REAL	37,248	32,502	14.6%	46,745	-20.3%
CANADIAN DOLLAR	125,373	122,558	2.3%	144,561	-13.3%
E-MINI EURO FX	12,706	9,840	29.1%	14,308	-11.2%
EURO FX	491,007	402,816	21.9%	567,504	-13.5%
E-MINI JAPANESE YEN	552	7,239	-92.4%	1,215	-54.6%
JAPANESE YEN	148,556	195,473	-24.0%	266,080	-44.2%
MEXICAN PESO	206,023	198,361	3.9%	188,649	9.2%
NEW ZEALND DOLLAR	46,812	39,456	18.6%	58,663	-20.2%
NKR/USD CROSS RATE	1,400	1,261	11.0%	2,047	-31.6%
RUSSIAN RUBLE	28,651	35,197	-18.6%	51,474	-44.3%
S.AFRICAN RAND	11,428	26,736	-57.3%	14,429	-20.8%
SWISS FRANC	46,924	38,298	22.5%	68,482	-31.5%
AD/CD CROSS RATES	0	4	-100.0%	3	-100.0%
AD/JY CROSS RATES	971	887	9.5%	473	105.3%
AD/NE CROSS RATES	79	22	259.1%	46	71.7%
BP/JY CROSS RATES	479	472	1.5%	645	-25.7%
BP/SF CROSS RATES	75	4	1,775.0%	180	-58.3%
CD/JY CROSS RATES	100	40	150.0%	0	-
EC/AD CROSS RATES	1,239	4,533	-72.7%	1,327	-6.6%
EC/CD CROSS RATES	1,564	1,279	22.3%	1,835	-14.8%
EC/NOK CROSS RATES	89	34	161.8%	91	-2.2%
EC/SEK CROSS RATES	793	396	100.3%	714	11.1%
EFX/BP CROSS RATES	36,636	35,703	2.6%	35,728	2.5%
EFX/JY CROSS RATES	17,881	16,023	11.6%	25,725	-30.5%
EFX/SF CROSS RATES	10,153	13,157	-22.8%	14,689	-30.9%
SF/JY CROSS RATES	0	0	-	0	-
SKR/USD CROSS RATES	1,500	1,294	15.9%	1,504	-0.3%
HUNGARIAN FORINT (EC)	0	0	-	0	-
POLISH ZLOTY (US)	59	43	37.2%	41	43.9%
POLISH ZLOTY (EC)	3	2	50.0%	19	-84.2%
SHEKEL	805	0	-	665	21.1%
RMB USD	3	72	-95.8%	7	-57.1%
KOREAN WON	59	26	126.9%	52	13.5%
TURKISH LIRA	8,317	1,373	505.8%	6,578	26.4%
E-MICRO EUR/USD	8,606	4,453	93.3%	14,764	-41.7%
E-MICRO GBP/USD	4,106	2,629	56.2%	6,321	-35.0%
E-MICRO USD/CAD	0	0	-	0	-
E-MICRO USD/CHF	0	0	-	0	-
E-MICRO USD/JPY	0	0	-	0	-
E-MICRO AUD/USD	1,646	1,720	-4.3%	3,471	-52.6%
INDIAN RUPEE	1,278	960	33.1%	1,524	-16.1%
E-MICRO INR/USD	163	417	-60.9%	794	-79.5%
E-MICRO JPY/USD	1,454	1,195	21.7%	2,154	-32.5%
CHINESE RENMINBI (CNH)	1,170	1,436	-18.5%	1,202	-2.7%
USDZAR	0	0	-	1	-100.0%
E-MICRO USD/CNH	0	0	-	0	-
E-MICRO CAD/USD	1,388	854	62.5%	1,816	-23.6%
E-MICRO CHF/USD	151	223	-32.3%	234	-35.5%
BDI	0	9	-100.0%	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>FX Options</b>					
AUSTRALIAN DOLLAR	0	21,953	-100.0%	0	-
BRITISH POUND	0	33,307	-100.0%	0	-
CANADIAN DOLLAR	0	14,070	-100.0%	0	-
EURO FX	0	94,853	-100.0%	0	-
JAPANESE YEN	0	48,914	-100.0%	0	-
MEXICAN PESO	2,301	1,675	37.4%	1,883	22.2%
RUSSIAN RUBLE	0	0	-	0	-
SWISS FRANC	0	2,230	-100.0%	0	-
EFX/JY CROSS RATES	0	0	-	0	0.0%
JAPANESE YEN (EU)	0	4	-100.0%	15	-100.0%
EURO FX (EU)	15	137	-89.1%	44	-65.9%
SWISS FRANC (EU)	0	1	-100.0%	0	-
CANADIAN DOLLAR (EU)	50	30	66.7%	52	-3.8%
BRITISH POUND (EU)	236	504	-53.2%	295	-20.0%
AUSTRALIAN DLR (EU)	0	0	-	0	-
CAD/USD PQO 2pm Fix	82,047	48,685	68.5%	87,150	-5.9%
AUD/USD PQO 2pm Fix	111,255	56,623	96.5%	116,643	-4.6%
JPY/USD PQO 2pm Fix	135,699	114,523	18.5%	142,300	-4.6%
CHF/USD PQO 2pm Fix	1,367	2,870	-52.4%	2,070	-34.0%
GBP/USD PQO 2pm Fix	139,699	83,773	66.8%	172,934	-19.2%
EUR/USD PQO 2pm Fix	310,996	186,737	66.5%	353,537	-12.0%
<b>Foreign Exchange Futures</b>					
CHILEAN PESO	1,298	138	840.6%	2,185	-40.6%
<b>Foreign Exchange Options</b>					
AUD/USD PQO 2pm Fix	8	0	-	34	-76.5%
<b>Ags Futures</b>					
FERTILIZER PRODUCS	875	0	-	725	20.7%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>Ag Products Futures</b>					
CORN	1,847,620	1,465,661	26.1%	1,662,228	11.2%
SOYBEAN	891,896	728,412	22.4%	777,749	14.7%
SOYBEAN MEAL	466,094	377,934	23.3%	449,667	3.7%
SOYBEAN OIL	513,612	416,136	23.4%	475,332	8.1%
OATS	6,577	6,179	6.4%	5,691	15.6%
ROUGH RICE	8,153	11,108	-26.6%	8,829	-7.7%
WHEAT	15,000	750	1,900.0%	7,950	88.7%
MINI CORN	11,599	8,278	40.1%	9,030	28.4%
MINI SOYBEAN	32,149	19,693	63.3%	23,937	34.3%
MINI WHEAT	2,364	1,736	36.2%	1,785	32.4%
LIVE CATTLE	356,828	392,036	-9.0%	377,283	-5.4%
FEEDER CATTLE	55,941	59,116	-5.4%	57,928	-3.4%
LEAN HOGS	234,184	203,449	15.1%	233,804	0.2%
LUMBER	6,520	5,813	12.2%	7,045	-7.5%
MILK	24,306	36,530	-33.5%	25,481	-4.6%
MLK MID	0	0	-	34	-100.0%
NFD MILK	8,609	7,533	14.3%	8,116	6.1%
BUTTER CS	7,707	6,377	20.9%	8,307	-7.2%
CLASS IV MILK	1,692	4,992	-66.1%	1,826	-7.3%
DRY WHEY	3,662	6,749	-45.7%	3,978	-7.9%
GSCI EXCESS RETURN FUT	58,318	48,568	20.1%	58,637	-0.5%
GOLDMAN SACHS	15,269	15,456	-1.2%	14,005	9.0%
HOUSING INDEX	32	66	-51.5%	31	3.2%
HDD WEATHER	2,750	500	450.0%	5,315	-48.3%
CDD WEATHER	0	25,000	-100.0%	0	-
HDD SEASONAL STRIP	0	100	-100.0%	0	-
CDD SEASONAL STRIP	0	250	-100.0%	0	-
HDD WEATHER EUROPEAN	0	175	-100.0%	0	-
HDD EURO SEASONAL STRIP	0	150	-100.0%	0	-
CAT EURO SEASONAL STRIP	0	0	-	0	-
COFFEE	0	0	-	0	-
DOW-UBS COMMOD INDEX	45,530	35,920	26.8%	51,549	-11.7%
SUGAR 11	0	1	-100.0%	0	-
COCOA TAS	0	7	-100.0%	0	-
COTTON	0	4	-100.0%	0	-
USD CRUDE PALM OIL	5,190	1,204	331.1%	5,090	2.0%
CASH-SETTLED CHEESE	27,293	31,847	-14.3%	29,164	-6.4%
FERTILIZER PRODUCTS	3,265	2,592	26.0%	2,250	45.1%
S&P GSCI ENHANCED ER SWAP	3,762	29,740	-87.4%	3,762	0.0%
CHI WHEAT	509,919	514,042	-0.8%	445,030	14.6%
KC WHEAT	283,699	258,836	9.6%	301,825	-6.0%
MALAYSIAN PALM SWAP	18,398	24,312	-24.3%	18,276	0.7%
PALM OIL	0	0	-	0	-
Intercommodity Spread	0	0	-	0	-
DJ_UBS ROLL SELECT INDEX FU	741	1,070	-30.7%	823	-10.0%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>Ag Products Options</b>					
CORN	1,503,998	1,272,646	18.2%	1,090,222	38.0%
SOYBEAN	719,972	686,154	4.9%	608,027	18.4%
SOYBEAN MEAL	189,098	129,116	46.5%	160,928	17.5%
SOYBEAN OIL	93,055	138,725	-32.9%	73,937	25.9%
SOYBEAN CRUSH	112	180	-37.8%	118	-5.1%
OATS	773	2,675	-71.1%	468	65.2%
ROUGH RICE	1,327	2,283	-41.9%	932	42.4%
WHEAT	0	200	-100.0%	100	-100.0%
LIVE CATTLE	207,455	224,984	-7.8%	183,030	13.3%
FEEDER CATTLE	46,882	34,419	36.2%	39,568	18.5%
LEAN HOGS	180,315	181,684	-0.8%	142,621	26.4%
LUMBER	2,159	1,009	114.0%	1,473	46.6%
MILK	75,103	98,202	-23.5%	66,582	12.8%
MLK MID	335	672	-50.1%	296	13.2%
NFD MILK	15,594	13,164	18.5%	12,015	29.8%
BUTTER CS	10,344	5,991	72.7%	9,311	11.1%
CLASS IV MILK	4,458	6,862	-35.0%	4,296	3.8%
DRY WHEY	3,035	1,344	125.8%	2,786	8.9%
HOUSING INDEX	2	6	-66.7%	2	0.0%
HDD WEATHER	0	2,000	-100.0%	0	-
CDD WEATHER	0	47,000	-100.0%	0	-
HDD SEASONAL STRIP	9,500	14,100	-32.6%	14,000	-32.1%
CDD SEASONAL STRIP	0	1,000	-100.0%	0	-
HDD WEATHER EUROPEAN	0	1,500	-100.0%	0	-
HDD EURO SEASONAL STRIP	2,500	2,500	0.0%	2,500	0.0%
NOV-NOV SOYBEAN CAL SPRD	9	64	-85.9%	9	0.0%
JULY-NOV SOYBEAN CAL SPRD	14,712	21,976	-33.1%	10,045	46.5%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	5,004	3,225	55.2%	804	522.4%
SOYBN NEARBY+2 CAL SPRD	0	1,010	-100.0%	0	-
WHEAT NEARBY+2 CAL SPRD	5,967	3,553	67.9%	5,137	16.2%
CORN NEARBY+2 CAL SPRD	6,298	2,396	162.9%	3,850	63.6%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC WHEAT CAL SPRD	475	934	-49.1%	250	90.0%
LV CATL CSO	5	458	-98.9%	5	0.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-
WHEAT-CORN IC SO	90	600	-85.0%	90	0.0%
CASH-SETTLED CHEESE	47,327	38,094	24.2%	45,275	4.5%
JULY-DEC SOY OIL CAL SPRD	0	590	-100.0%	0	-
NOV-JULY SOYBEAN CAL SPRD	0	25	-100.0%	0	-
DEC-DEC CORN CAL SPRD	988	2,033	-51.4%	278	255.4%
DEC-JULY CORN CAL SPRD	0	2,600	-100.0%	0	-
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
CHI WHEAT	419,677	350,070	19.9%	385,517	8.9%
KC WHEAT	90,085	42,089	114.0%	77,915	15.6%
Intercommodity Spread	4,003	650	515.8%	3,561	12.4%
MAR-JULY CORN CAL SPRD	0	0	-	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-

**\*\*\* Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.**

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAR 2018	Open Interest MAR 2017	% CHG	Open Interest FEB 2018	% CHG
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	30,551,351	23,666,373	29.1%	30,640,248	-0.3%
Equity Index Futures	4,412,990	3,600,799	22.6%	4,821,741	-8.5%
Metals Futures	1,252,256	1,120,237	11.8%	1,231,062	1.7%
Energy Futures	14,949,316	19,324,991	-22.6%	15,132,840	-1.2%
FX Futures	1,540,779	1,582,673	-2.6%	1,862,344	-17.3%
Foreign Exchange Futures	1,298	138	840.6%	2,185	-40.6%
Ags Futures	875	0	-	725	20.7%
Ag Products Futures	5,468,679	4,748,322	15.2%	5,081,757	7.6%
<b>TOTAL FUTURES</b>	<b>58,177,544</b>	<b>54,043,533</b>	<b>7.6%</b>	<b>58,772,902</b>	<b>-1.0%</b>
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	51,599,072	42,755,933	20.7%	55,483,755	-7.0%
Equity Index Options	4,177,241	4,482,578	-6.8%	5,069,850	-17.6%
Metals Options	1,202,009	1,119,264	7.4%	1,144,682	5.0%
Energy Options	6,302,398	7,593,913	-17.0%	6,188,782	1.8%
FX Options	783,665	710,889	10.2%	876,923	-10.6%
Foreign Exchange Options	8	0	-	34	-76.5%
Ag Products Options	3,660,657	3,338,783	9.6%	2,945,948	24.3%
<b>TOTAL OPTIONS</b>	<b>67,725,050</b>	<b>60,001,360</b>	<b>12.9%</b>	<b>71,709,974</b>	<b>-5.6%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	82,150,423	66,422,306	23.7%	86,124,003	-4.6%
Equity Index	8,590,231	8,083,377	6.3%	9,891,591	-13.2%
Metals	2,454,265	2,239,501	9.6%	2,375,744	3.3%
Energy	21,251,714	26,918,904	-21.1%	21,321,622	-0.3%
FX	2,324,444	2,293,562	1.3%	2,739,267	-15.1%
Foreign Exchange	1,306	138	846.4%	2,219	-41.1%
Ags	875	0	-	725	20.7%
Ag Products	9,129,336	8,087,105	12.9%	8,027,705	13.7%
<b>GRAND TOTAL</b>	<b>125,902,594</b>	<b>114,044,893</b>	<b>10.4%</b>	<b>130,482,876</b>	<b>-3.5%</b>

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