



CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2018	Open Interest APR 2017	% CHG	Open Interest MAR 2018	% CHG
Interest Rate Futures					
10-YR NOTE	3,710,227	3,232,357	14.8%	3,472,406	6.8%
10-YR SWAP RATE	29,348	29,832	-1.6%	29,226	0.4%
1-MONTH EURODOLLAR	3,401	8,020	-57.6%	7,081	-52.0%
2-YR NOTE	2,014,148	1,383,120	45.6%	1,946,560	3.5%
2-YR SWAP RATE	0	0	-	0	-
30-YR BOND	830,559	645,017	28.8%	782,340	6.2%
30-YR SWAP RATE	130	1,078	-87.9%	122	6.6%
5-YR NOTE	3,700,538	3,211,982	15.2%	3,428,813	7.9%
5-YR SWAP RATE	18,225	26,076	-30.1%	19,504	-6.6%
7-YR SWAP	0	0	-	0	-
EURODOLLARS	16,624,457	13,253,945	25.4%	16,882,213	-1.5%
FED FUND	2,484,498	1,649,265	50.6%	2,474,629	0.4%
Ultra 10-Year Note	536,656	347,841	54.3%	560,984	-4.3%
ULTRA T-BOND	985,089	735,458	33.9%	947,473	4.0%
Interest Rate Options					
10-YR NOTE	3,182,290	3,021,980	5.3%	2,911,922	9.3%
2-YR NOTE	402,411	85,856	368.7%	347,957	15.6%
30-YR BOND	851,883	528,438	61.2%	632,151	34.8%
5-YR NOTE	1,409,355	1,196,334	17.8%	1,467,733	-4.0%
EURODOLLARS	26,686,907	25,629,889	4.1%	27,302,180	-2.3%
EURO MIDCURVE	18,439,683	17,950,331	2.7%	18,926,408	-2.6%
FED FUND	4,176	2,876	45.2%	5,051	-17.3%
Ultra 10-Year Note	0	194	-100.0%	3	-100.0%
ULTRA T-BOND	14,156	3,563	297.3%	5,667	149.8%

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Equity Index Futures					
BITCOIN FUTURES	2,220	0	-	1,710	29.8%
DJ US REAL ESTATE	21,757	13,635	59.6%	23,249	-6.4%
E-mini (\$5) Dow	104,311	132,298	-21.2%	99,947	4.4%
E-mini FTSE 100 (USD)	0	0	-	0	0.0%
E-mini FTSE China 50	119	223	-46.6%	226	-47.3%
E-MINI MIDCAP	76,635	94,815	-19.2%	79,509	-3.6%
E-MINI NASDAQ 100	238,355	272,835	-12.6%	250,985	-5.0%
E-MINI RUSSELL 1000	9,280	332	2,695.2%	8,000	16.0%
E-MINI RUSSELL 1000 GROWTH	3,876	352	1,001.1%	1,624	138.7%
E-MINI RUSSELL 1000 VALUE	8,490	1,167	627.5%	7,628	11.3%
E-MINI RUSSELL 2000	510,287	0	-	476,241	7.1%
E-MINI S&P500	2,995,032	2,937,918	1.9%	2,988,089	0.2%
E-MINI S&P REAL ESTATE SELE	6,558	2,565	155.7%	2,988	119.5%
FT-SE 100	127	110	15.5%	19	568.4%
FTSE Emerging	5	0	-	20	-75.0%
IBOVESPA INDEX	486	168	189.3%	676	-28.1%
NASDAQ BIOTECH	964	324	197.5%	964	0.0%
NIFTY 50	1,004	582	72.5%	1,510	-33.5%
NIKKEI 225 (\$) STOCK	44,314	39,112	13.3%	43,711	1.4%
NIKKEI 225 (YEN) STOCK	66,295	81,421	-18.6%	64,692	2.5%
S&P 500	181,457	87,786	106.7%	127,436	42.4%
S&P 500/GI	13	18	-27.8%	13	0.0%
S&P 500/VALUE	107,842	57,924	86.2%	107,521	0.3%
S&P CONSUMER DSCRTNRY SE	6,584	3,502	88.0%	6,079	8.3%
S&P CONSUMER STAPLES SECT	26,842	7,255	270.0%	25,322	6.0%
S&P ENERGY SECTOR	19,810	6,029	228.6%	11,803	67.8%
S&P FINANCIAL SECTOR	31,939	13,086	144.1%	32,163	-0.7%
S&P HEALTH CARE SECTOR	7,282	8,396	-13.3%	6,821	6.8%
S&P INDUSTRIAL SECTOR	5,847	4,006	46.0%	5,120	14.2%
S&P MATERIALS SECTOR	3,322	3,710	-10.5%	4,178	-20.5%
S&P TECHNOLOGY SECTOR	12,542	5,359	134.0%	11,085	13.1%
S&P UTILITIES SECTOR	29,027	15,821	83.5%	23,571	23.1%
YEN DENOMINATED TOPIX	90	0	-	90	0.0%

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Equity Index Options					
E-mini (\$5) Dow	9,865	6,350	55.4%	8,788	12.3%
E-MINI MIDCAP	0	0	-	0	-
E-MINI NASDAQ 100	70,865	40,961	73.0%	70,778	0.1%
E-MINI RUSSELL 2000	9,932	0	-	7,267	36.7%
E-MINI S&P500	2,119,276	1,506,796	40.6%	1,639,472	29.3%
EOM E-MINI RUSSELL 2000 END	1,752	0	-	481	264.2%
EOM EMINI S&P	482,360	642,793	-25.0%	498,323	-3.2%
EOM S&P 500	19,662	37,246	-47.2%	23,602	-16.7%
EOW1 E-MINI RUSSELL 2000 WE	1,049	0	-	1,733	-39.5%
EOW1 E-MINI RUSSELL 2000 WE	1,142	0	-	2,464	-53.7%
EOW1 EMINI S&P 500	214,151	457,452	-53.2%	247,024	-13.3%
EOW1 S&P 500	24,425	79,338	-69.2%	10,013	143.9%
EOW2 E-MINI RUSSELL 2000 WE	798	0	-	1,590	-49.8%
EOW2 EMINI S&P 500	140,342	218,231	-35.7%	132,476	5.9%
EOW2 S&P 500	7,060	7,796	-9.4%	8,609	-18.0%
EOW3 E-MINI RUSSELL 2000 WE	14,093	0	-	26,819	-47.5%
EOW3 EMINI S&P 500	875,229	1,216,566	-28.1%	1,231,223	-28.9%
EOW3 S&P 500	109,190	182,003	-40.0%	113,937	-4.2%
EOW4 E-MINI RUSSELL 2000 WE	37	0	-	1,369	-97.3%
EOW4 EMINI S&P 500	50,339	39,350	27.9%	55,264	-8.9%
S&P 500	104,180	134,766	-22.7%	96,009	8.5%
Metals Futures					
ALUMINUM	71,928	62,104	15.8%	72,601	-0.9%
COMEX COPPER	240,018	248,692	-3.5%	291,568	-17.7%
COMEX E-Mini GOLD	676	798	-15.3%	582	16.2%
COMEX E-Mini SILVER	185	93	98.9%	211	-12.3%
COMEX GOLD	506,226	474,139	6.8%	500,119	1.2%
COMEX MINY COPPER	65	174	-62.6%	137	-52.6%
COMEX SILVER	193,851	200,033	-3.1%	229,252	-15.4%
COPPER	15,003	1,581	849.0%	15,567	-3.6%
E-MICRO GOLD	8,307	4,986	66.6%	7,871	5.5%
FERROUS PRODUCTS	3,884	255	1,423.1%	4,259	-8.8%
GOLD	0	0	-	0	-
Gold Kilo	0	17	-100.0%	57	-100.0%
IRON ORE 62 CHINA PLATTS FU	880	1,152	-23.6%	1,170	-24.8%
IRON ORE 62 CHINA TSI FUTURE	9,789	19,025	-48.5%	10,922	-10.4%
LNDN ZINC	3	5	-40.0%	3	0.0%
METALS	0	0	-	0	-
NYMEX HOT ROLLED STEEL	13,277	11,858	12.0%	14,987	-11.4%
NYMEX PLATINUM	79,917	67,693	18.1%	74,770	6.9%
PALLADIUM	23,561	36,731	-35.9%	23,794	-1.0%
SILVER	1,433	578	147.9%	1,422	0.8%
URANIUM	2,764	4,516	-38.8%	2,964	-6.7%

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Metals Options					
COMEX COPPER	14,044	3,141	347.1%	13,999	0.3%
COMEX GOLD	1,112,179	984,047	13.0%	1,019,943	9.0%
COMEX SILVER	175,093	105,294	66.3%	151,782	15.4%
GOLD	3,989	2,431	64.1%	4,237	-5.9%
HOT ROLLED COIL STEEL CALL	800	0	-	900	-11.1%
IRON ORE 62 CHINA TSI CALL O	2,121	13,201	-83.9%	3,404	-37.7%
IRON ORE 62 CHINA TSI PUT OP	660	8,400	-92.1%	1,620	-59.3%
NYMEX PLATINUM	1,790	4,790	-62.6%	3,230	-44.6%
PALLADIUM	4,037	4,956	-18.5%	2,864	41.0%
SILVER	130	11	1,081.8%	30	333.3%
Energy Futures					
3.5% FUEL OIL CID MED SWA	305	607	-49.8%	312	-2.2%
3.5% FUEL OIL CIF BALMO S	90	50	80.0%	0	-
AEP-DAYTON HUB DAILY	92	150	-38.7%	138	-33.3%
AEP-DAYTON HUB MTHLY	0	630	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	0	450	-100.0%	0	-
ALGON CITY GATES NAT GAS	0	1,712	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	0	1,620	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	0	0	-	0	-
ANR OKLAHOMA	1,283	3,052	-58.0%	1,433	-10.5%
APPALACHIAN COAL (PHY)	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	46,899	12,872	264.3%	51,265	-8.5%
ARGUS PROPAN FAR EST INDE	5,362	1,677	219.7%	4,806	11.6%
ARGUS PROPAN(SAUDI ARAMC	2,056	812	153.2%	1,897	8.4%
AUSTRIALIAN COKE COAL	264	806	-67.2%	288	-8.3%
BRENT BALMO SWAP	0	113	-100.0%	0	-
BRENT CALENDAR SWAP	13,297	16,387	-18.9%	11,421	16.4%
BRENT CFD SWAP	0	0	-	0	-
BRENT FINANCIAL FUTURES	3,394	1,131	200.1%	9,838	-65.5%
BRENT OIL LAST DAY	218,199	133,694	63.2%	203,573	7.2%
CAISO SP15 EZGNHUB5 MW P	0	5,150	-100.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	0	1,850	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	49	6,564	-99.3%	56	-12.5%
CENTERPOINT BASIS SWAP	6,919	15,644	-55.8%	7,463	-7.3%
CENTERPOINT EAST INDEX	0	0	-	0	-
CEU ENERGY	374	0	-	234	59.8%
CHICAGO ETHANOL SWAP	61,674	54,394	13.4%	60,982	1.1%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	730	1,512	-51.7%	879	-17.0%
CHICAGO UNL GAS PL VS RBO	525	27	1,844.4%	525	0.0%
CIG BASIS	17,778	40,111	-55.7%	19,154	-7.2%
CIG ROCKIES NG INDEX SWA	0	720	-100.0%	0	-
CINERGY HUB OFF-PEAK MONT	90	128	-29.7%	100	-10.0%
CINERGY HUB PEAK MONTH	216	288	-25.0%	240	-10.0%
CIN HUB 5MW D AH O PK	96,880	362,840	-73.3%	110,600	-12.4%
CIN HUB 5MW D AH PK	7,276	18,395	-60.4%	7,386	-1.5%
CIN HUB 5MW REAL TIME O P	370,904	583,048	-36.4%	397,784	-6.8%
CIN HUB 5MW REAL TIME PK	31,209	48,821	-36.1%	32,952	-5.3%

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Energy Futures					
COAL SWAP	160	345	-53.6%	155	3.2%
COLUMB GULF MAINLINE NG B	2,662	14,152	-81.2%	2,988	-10.9%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
COLUMBIA GULF ONSHORE	0	11,515	-100.0%	0	-
CONWAY NATURAL GASOLINE (764	905	-15.6%	954	-19.9%
CONWAY NORMAL BUTANE (OPI	713	3,057	-76.7%	795	-10.3%
CONWAY PROPANE 5 DECIMALS	22,097	13,750	60.7%	20,282	8.9%
CRUDE OIL	16,872	22,631	-25.4%	15,362	9.8%
CRUDE OIL OUTRIGHTS	132,229	41,205	220.9%	135,375	-2.3%
CRUDE OIL PHY	2,646,565	2,208,206	19.9%	2,525,557	4.8%
CRUDE OIL SPRDS	170,766	28,612	496.8%	167,091	2.2%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	200,090	319,647	-37.4%	220,442	-9.2%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
DATED TO FRONTLINE BRENT	6,460	8,605	-24.9%	7,325	-11.8%
DEMARC INDEX FUTURE	0	0	-	0	-
DEMARC SWING SWAP	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-
DLY GAS EURO-BOB OXY	0	0	-	0	-
DOMINION TRAN INC - APP I	2,200	2,920	-24.7%	2,448	-10.1%
DOMINION TRANSMISSION INC	22,641	57,756	-60.8%	24,141	-6.2%
DUBAI CRUDE OIL BALMO	0	0	-	125	-100.0%
DUBAI CRUDE OIL CALENDAR	2,469	18,275	-86.5%	5,025	-50.9%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	225	1,229	-81.7%	195	15.4%
EAST/WEST FUEL OIL SPREAD	137	964	-85.8%	142	-3.5%
EIA FLAT TAX ONHWAY DIESE	1,872	3,986	-53.0%	1,945	-3.8%
ELEC ERCOT DLY OFF PK	0	0	-	0	-
ELEC ERCOT DLY PEAK	360	120	200.0%	140	157.1%
ELEC ERCOT OFF PEAK	19,600	0	-	0	-
ELEC FINSETTLED	1,406	2,484	-43.4%	1,450	-3.0%
ELEC MISO PEAK	2,865	975	193.8%	3,195	-10.3%
ELEC NYISO OFF-PEAK	53,175	14,244	273.3%	59,040	-9.9%
ELECTRICITY ERCOT PEAK	0	0	-	0	-
ELECTRICITY OFF PEAK	25,794	45,869	-43.8%	26,576	-2.9%
ELEC WEST POWER OFF-PEAK	0	1,550	-100.0%	0	-
ELEC WEST POWER PEAK	0	1,300	-100.0%	0	-
EL PASO PERMIAN INDEX SWA	0	0	-	0	-
ERCOT DAILY 5MW PEAK	0	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW	2,200	0	-	2,830	-22.3%
ERCOT NORTH ZMCPE 5MW OF	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OF	130,480	0	-	110,880	17.7%
ERCOT NORTH ZMCPE 5MW PE	6,960	0	-	7,590	-8.3%
ETHANOL	1,867	4,750	-60.7%	1,812	3.0%
ETHANOL FWD	0	180	-100.0%	0	-
ETHANOL SWAP	10	0	-	10	0.0%
ETHANOL T2 FOB ROTT INCL DU	5,111	4,100	24.7%	5,382	-5.0%
EURO 1% FUEL OIL NEW BALM	0	5	-100.0%	0	-
EURO 3.5% FUEL OIL RDAM B	657	345	90.4%	419	56.8%
EURO 3.5% FUEL OIL SPREAD	340	1,907	-82.2%	203	67.5%

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Energy Futures					
EURO-DENOMINATED PETRO P	0	440	-100.0%	0	-
EURO GASOIL 10 CAL SWAP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	385	252	52.8%	410	-6.1%
EUROPE 1% FUEL OIL NWE CA	261	209	24.9%	248	5.2%
EUROPE 1% FUEL OIL RDAM C	0	16	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	435	711	-38.8%	428	1.6%
EUROPE 3.5% FUEL OIL RDAM	13,926	10,941	27.3%	11,899	17.0%
EUROPEAN GASOIL (ICE)	193	2,504	-92.3%	294	-34.4%
EUROPEAN NAPHTHA BALMO	203	351	-42.2%	205	-1.0%
EUROPEAN NAPHTHA CRACK SP	14,205	10,481	35.5%	13,529	5.0%
EUROPE DATED BRENT SWAP	300	362	-17.1%	375	-20.0%
EUROPE JET KERO NWE CALSW	36	48	-25.0%	42	-14.3%
EUROPE NAPHTHA CALSWAP	2,964	2,901	2.2%	3,429	-13.6%
EURO PROPANE CIF ARA SWA	1,721	1,139	51.1%	1,781	-3.4%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-
FREIGHT MARKETS	1,857	934	98.8%	1,511	22.9%
FUEL OIL CRACK VS ICE	16,912	20,392	-17.1%	16,269	4.0%
FUEL OIL NWE CRACK VS ICE	171	0	-	156	9.6%
FUEL OIL (PLATS) CAR CM	126	52	142.3%	140	-10.0%
FUEL OIL (PLATS) CAR CN	72	0	-	45	60.0%
FUELOIL SWAP:CARGOES VS.B	838	914	-8.3%	810	3.5%
GAS EURO-BOB OXY NWE BARG	6,543	6,065	7.9%	6,368	2.7%
GAS EURO-BOB OXY NWE BARG	37,611	33,101	13.6%	32,620	15.3%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	10	45	-77.8%	10	0.0%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	168	135	24.4%	180	-6.7%
GASOIL 0.1 ROTTERDAM BARG	220	25	780.0%	30	633.3%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	426	905	-52.9%	492	-13.4%
GASOIL BULLET SWAP	0	0	-	0	-
GASOIL CALENDAR SWAP	12	75	-84.0%	12	0.0%
GASOIL CRACK SPREAD CALEN	25,326	21,056	20.3%	26,211	-3.4%
GASOIL MINI CALENDAR SWAP	628	348	80.5%	611	2.8%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	112	225	-50.2%	115	-2.6%
GRP THREE ULSD(PLT)VS HEA	10,755	7,272	47.9%	11,682	-7.9%
GRP THREE UNL GS (PLT) VS	4,842	3,485	38.9%	3,857	25.5%
GULF COAST 3% FUEL OIL BA	947	1,226	-22.8%	725	30.6%
GULF COAST GASOLINE CLNDR	0	0	-	0	-
GULF COAST JET FUEL CLNDR	891	1,081	-17.6%	687	29.7%
GULF COAST JET VS NYM 2 H	36,761	33,118	11.0%	35,370	3.9%
GULF COAST NO.6 FUEL OIL	64,399	53,353	20.7%	53,686	20.0%
GULF COAST ULSD CALENDAR	1,183	3,024	-60.9%	1,317	-10.2%
GULF COAST ULSD CRACK SPR	1,045	2,248	-53.5%	1,095	-4.6%
HEATING OIL BALMO CLNDR S	0	195	-100.0%	0	-

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	432,978	419,910	3.1%	413,584	4.7%
HENRY HUB BASIS SWAP	3,568	38,846	-90.8%	3,172	12.5%
HENRY HUB FINANCIAL LAST	28	0	-	6	366.7%
HENRY HUB INDEX SWAP FUTU	3,312	30,126	-89.0%	2,072	59.8%
HENRY HUB SWAP	1,110,290	1,267,805	-12.4%	1,099,405	1.0%
HENRY HUB SWING FUTURE	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	15,551	22,299	-30.3%	16,091	-3.4%
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-
HTG OIL	241	229	5.2%	212	13.7%
HUSTN SHIP CHNL PIPE SWP	0	1,839	-100.0%	0	-
ICE BRENT DUBAI SWAP	43,956	31,233	40.7%	43,901	0.1%
ICE GASOIL BALMO SWAP	0	0	-	0	-
IN DELIVERY MONTH EUA	3,698	10,598	-65.1%	3,698	0.0%
INDIANA MISO	25,144	32,644	-23.0%	28,489	-11.7%
INDONESIAN COAL	0	0	-	0	-
INDONESIAN COAL ICI4	150	0	-	80	87.5%
ISO NEW ENGLAND OFF-PEAK	0	126	-100.0%	0	-
ISO NEW ENGLAND PK LMP	0	153	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	1,060	1,347	-21.3%	759	39.7%
JAPAN C&F NAPHTHA SWAP	2,329	2,407	-3.2%	2,366	-1.6%
JAPAN NAPHTHA BALMO SWAP	31	607	-94.9%	15	106.7%
JET AV FUEL (P) CAR FM ICE GA	18	21	-14.3%	20	-10.0%
JET BARGES VS ICE GASOIL	0	0	-	0	-
JET CIF NWE VS ICE	575	486	18.3%	668	-13.9%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	3,685	5,893	-37.5%	8,747	-57.9%
LA CARB DIESEL (OPIS)	0	39	-100.0%	0	-
LA CARB DIESEL (OPIS) SWA	375	160	134.4%	400	-6.3%
LA CARBOB GASOLINE(OPIS)S	1,450	150	866.7%	825	75.8%
LA JET FUEL VS NYM NO 2 H	0	0	-	0	-
LA JET (OPIS) SWAP	2,740	2,315	18.4%	2,990	-8.4%
LLS (ARGUS) VS WTI SWAP	26,043	27,433	-5.1%	24,055	8.3%
LTD NAT GAS	368,486	372,418	-1.1%	366,598	0.5%
MARS (ARGUS) VS WTI SWAP	10,500	12,199	-13.9%	8,635	21.6%
MARS (ARGUS) VS WTI TRD M	28,785	23,416	22.9%	28,560	0.8%
MARS BLEND CRUDE OIL	200	2,559	-92.2%	389	-48.6%
MCCLOSKEY ARA ARGS COAL	42,777	71,156	-39.9%	43,276	-1.2%
MCCLOSKEY RCH BAY COAL	4,947	12,545	-60.6%	6,024	-17.9%
MGF FUT	50	163	-69.3%	45	11.1%
MGN1 SWAP FUT	446	494	-9.7%	448	-0.4%
MICHCON NG INDEX SWAP	0	0	-	0	-
MICHIGAN BASIS	4,025	10,259	-60.8%	4,245	-5.2%
MICHIGAN MISO	26,145	180,520	-85.5%	29,043	-10.0%
MINI GAS EUROBOB OXY NWE A	502	479	4.8%	286	75.5%
MINI RBOB V. EBOBARG NWE BF	862	188	358.5%	71	1,114.1%
MINI RBOB V. EBOB(ARGUS) NW	2,623	3,097	-15.3%	1,945	34.9%
MINY HTG OIL	1	1	0.0%	0	-
MINY NATURAL GAS	1,103	1,364	-19.1%	2,139	-48.4%
MINY RBOB GAS	0	0	0.0%	0	-

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
MINY WTI CRUDE OIL	4,499	4,150	8.4%	3,290	36.7%
MJC FUT	615	285	115.8%	620	-0.8%
MNC FUT	4,962	5,211	-4.8%	4,887	1.5%
MONT BELVIEU ETHANE 5 DECI	46,565	84,937	-45.2%	47,889	-2.8%
MONT BELVIEU ETHANE OPIS B	90	200	-55.0%	15	500.0%
MONT BELVIEU LDH PROPANE 5	119,272	104,772	13.8%	111,964	6.5%
MONT BELVIEU LDH PROPANE C	1,933	1,366	41.5%	2,431	-20.5%
MONT BELVIEU NATURAL GASO	20,066	10,909	83.9%	19,168	4.7%
MONT BELVIEU NATURAL GASO	203	155	31.0%	640	-68.3%
MONT BELVIEU NORMAL BUTAN	35,761	38,968	-8.2%	30,422	17.5%
MONT BELVIEU NORMAL BUTAN	775	405	91.4%	960	-19.3%
NAT GAS BASIS SWAP	4,515	11,257	-59.9%	4,755	-5.0%
NATURAL GAS	81,599	122,843	-33.6%	80,022	2.0%
NATURAL GAS FIXED PRICE SW	0	900	-100.0%	0	-
NATURAL GAS INDEX	0	1,336	-100.0%	0	-
NATURAL GAS PEN SWP	150,664	244,427	-38.4%	151,352	-0.5%
NATURAL GAS PHY	1,442,242	1,493,066	-3.4%	1,433,262	0.6%
NEPOOL CNCTCT 5MW D AH O	0	3,561	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	0	190	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	511,428	671,554	-23.8%	525,270	-2.6%
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 NEW HAMP 5MW D AH	0	0	-	0	-
NEPOOL RHD ISLD 5MW D AH	0	950	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	0	17,805	-100.0%	0	-
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-
NEPOOL W CNT MASS 5MW D A	0	7,122	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	0	480	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	1,947	1,122	73.5%	1,971	-1.2%
NEW YORK ETHANOL SWAP	2,985	645	362.8%	2,950	1.2%
NEW YORK HUB ZONE G PEAK	2,376	1,364	74.2%	2,556	-7.0%
NEW YORK HUB ZONE J PEAK	660	803	-17.8%	660	0.0%
NGPL MID-CONTINENT	19,813	28,344	-30.1%	20,743	-4.5%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
NGPL MIDCONTINENT SWING S	0	0	-	0	-
NGPL TEX/OK	29,320	33,156	-11.6%	23,202	26.4%
NGPL TEXOK INDEX	0	0	-	0	-
N ILLINOIS HUB DAILY	258	244	5.7%	387	-33.3%
N ILLINOIS HUB MTHLY	0	180	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	125	1,560	-92.0%	935	-86.6%
NORTHEN NATURAL GAS DEMA	1,228	2,686	-54.3%	1,356	-9.4%
NORTHEN NATURAL GAS VENTL	1,456	4,116	-64.6%	1,468	-0.8%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	31,585	60,325	-47.6%	33,385	-5.4%
N ROCKIES PIPE SWAP	61	426	-85.7%	91	-33.0%
NY1% VS GC SPREAD SWAP	3,669	6,165	-40.5%	4,420	-17.0%
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS	625	885	-29.4%	600	4.2%
NY HARBOR 1% FUEL OIL BAL	0	25	-100.0%	0	-
NY HARBOR HEAT OIL SWP	7,356	10,595	-30.6%	7,254	1.4%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
NY HARBOR LOW SULPUR GAS	740	1,440	-48.6%	770	-3.9%
NY HARBOR RESIDUAL FUEL 1	1,785	5,147	-65.3%	2,250	-20.7%
NYH NO 2 CRACK SPREAD CAL	5,247	9,397	-44.2%	4,578	14.6%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-
NYISO A	0	0	-	0	-
NYISO A OFF-PEAK	0	0	-	0	-
NYISO CAPACITY	2,800	3,380	-17.2%	3,043	-8.0%
NYISO G	0	0	-	0	-
NYISO G OFF-PEAK	0	0	-	0	-
NYISO J	0	1,251	-100.0%	0	-
NYISO J OFF-PEAK	0	270	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	48,126	134,550	-64.2%	53,614	-10.2%
NYISO ZONE A 5MW D AH PK	5,724	10,940	-47.7%	6,120	-6.5%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-
NYISO ZONE C 5MW D AH PK	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	599,214	363,509	64.8%	575,478	4.1%
NYISO ZONE G 5MW D AH PK	21,672	22,771	-4.8%	21,540	0.6%
NYISO ZONE J 5MW D AH O P	223,641	301,261	-25.8%	233,441	-4.2%
NYISO ZONE J 5MW D AH PK	16,291	18,311	-11.0%	16,731	-2.6%
NY JET FUEL (PLATTS) HEAT OIL	0	0	-	0	-
NYMEX ALUMINUM FUTURES	594	880	-32.5%	594	0.0%
NYMEX ULSD VS NYMEX HO	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING	218	1,630	-86.6%	257	-15.2%
ONEOK OKLAHOMA NG BASIS	490	1,295	-62.2%	550	-10.9%
ONTARIO POWER SWAPS	0	34,150	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	10,654	32,822	-67.5%	11,384	-6.4%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-
PANHANDLE PIPE SWAP	1,720	864	99.1%	1,989	-13.5%
PERMIAN BASIS SWAP	7,876	17,946	-56.1%	8,296	-5.1%
PETROCHEMICALS	14,799	8,343	77.4%	12,097	22.3%
PETRO CRCKS & SPRDS ASIA	1,261	64	1,870.3%	1,278	-1.3%
PETRO CRCKS & SPRDS NA	96,627	83,553	15.6%	83,708	15.4%
PETRO CRK&SPRD EURO	20,903	18,947	10.3%	20,227	3.3%
PETROLEUM PRODUCTS	13,486	5,821	131.7%	12,903	4.5%
PETROLEUM PRODUCTS ASIA	3,204	2,380	34.6%	2,618	22.4%
PETRO OUTRIGHT EURO	14,091	16,583	-15.0%	12,213	15.4%
PETRO OUTRIGHT NA	7,469	18,367	-59.3%	7,819	-4.5%
PJM AD HUB 5MW REAL TIME	314,365	687,058	-54.2%	327,235	-3.9%
PJM AECO DA OFF-PEAK	0	7,128	-100.0%	0	-
PJM AECO DA PEAK	0	378	-100.0%	0	-
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-
PJM APS ZONE DA PEAK	0	0	-	0	-
PJM ATSI ELEC	8,190	82,690	-90.1%	12,320	-33.5%
PJM BGE DA OFF-PEAK	10,970	33,552	-67.3%	13,707	-20.0%
PJM BGE DA PEAK	597	1,827	-67.3%	751	-20.5%
PJM COMED 5MW D AH O PK	17,725	68,925	-74.3%	19,680	-9.9%
PJM COMED 5MW D AH PK	955	3,695	-74.2%	1,065	-10.3%
PJM DAILY	878	758	15.8%	2,499	-64.9%
PJM DAYTON DA OFF-PEAK	92,272	201,628	-54.2%	100,504	-8.2%
PJM DAYTON DA PEAK	8,820	16,668	-47.1%	9,216	-4.3%
PJM JCPL DA OFF-PEAK	0	7,920	-100.0%	0	-

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Energy Futures					
PJM JCPL DA PEAK	0	420	-100.0%	0	-
PJM MONTHLY	1,190	3,092	-61.5%	1,220	-2.5%
PJM NI HUB 5MW REAL TIME	530,594	1,407,774	-62.3%	580,919	-8.7%
PJM NILL DA OFF-PEAK	288,870	1,330,781	-78.3%	342,182	-15.6%
PJM NILL DA PEAK	18,108	61,039	-70.3%	20,506	-11.7%
PJM OFF-PEAK LMP SWAP FUT	370	888	-58.3%	412	-10.2%
PJM PECO ZONE5MW PEAK CAL	0	0	-	0	-
PJM PPL DA OFF-PEAK	0	0	-	0	-
PJM PPL DA PEAK	0	0	-	0	-
PJM PSEG DA OFF-PEAK	38,920	120,960	-67.8%	46,740	-16.7%
PJM PSEG DA PEAK	860	5,100	-83.1%	1,300	-33.8%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-
PJM WESTH DA OFF-PEAK	328,267	833,902	-60.6%	349,827	-6.2%
PJM WESTHDA PEAK	17,750	47,338	-62.5%	18,960	-6.4%
PJM WESTH RT OFF-PEAK	1,616,766	2,486,980	-35.0%	1,634,862	-1.1%
PJM WESTH RT PEAK	114,190	146,990	-22.3%	118,297	-3.5%
PLASTICS	796	1,501	-47.0%	992	-19.8%
PREMIUM UNLD 10P FOB MED	673	110	511.8%	996	-32.4%
PREMIUM UNLEAD 10PPM FOB	0	14	-100.0%	10	-100.0%
PREM UNL GAS 10PPM RDAM F	0	0	-	0	-
PREM UNL GAS 10PPM RDAM F	0	17	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) B	487	122	299.2%	1,035	-52.9%
PROPANE NON-LDH MT. BEL (OF	43,818	28,099	55.9%	39,207	11.8%
RBOB CALENDAR SWAP	12,264	10,847	13.1%	11,776	4.1%
RBOB CRACK SPREAD	5,544	2,079	166.7%	5,218	6.2%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GAS	2,896	1,224	136.6%	3,935	-26.4%
RBOB GASOLINE BALMO CLNDR	3,709	471	687.5%	616	502.1%
RBOB PHY	457,201	404,800	12.9%	430,324	6.2%
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	0	24	-100.0%	0	-
RBOB UP-DOWN CALENDAR SW	0	0	-	0	-
RBOB VS HEATING OIL SWAP	1,710	4,261	-59.9%	1,710	0.0%
ROCKIES KERN OPAL - NW IN	0	0	-	0	-
SAN JUAN BASIS SWAP	16,046	32,405	-50.5%	17,066	-6.0%
SAN JUAN PIPE SWAP	360	0	-	0	-
SINGAPORE 180CST BALMO	62	100	-38.0%	25	148.0%
SINGAPORE 380CST BALMO	115	307	-62.5%	133	-13.5%
SINGAPORE 380CST FUEL OIL	9,265	15,169	-38.9%	8,683	6.7%
SINGAPORE FUEL 180CST CAL	1,472	2,147	-31.4%	1,117	31.8%
SINGAPORE FUEL OIL SPREAD	2,525	1,694	49.1%	1,937	30.4%
SINGAPORE GASOIL	12,037	10,461	15.1%	12,136	-0.8%
SINGAPORE GASOIL CALENDAR	325	970	-66.5%	2,108	-84.6%
SINGAPORE GASOIL SWAP	8,777	18,743	-53.2%	8,732	0.5%
SINGAPORE GASOIL VS ICE	45,470	27,361	66.2%	43,940	3.5%
SINGAPORE JET KERO BALMO	0	0	-	0	-
SINGAPORE JET KERO GASOIL	10,455	6,230	67.8%	10,230	2.2%
SINGAPORE JET KEROSENE SW	2,290	3,035	-24.5%	2,155	6.3%
SINGAPORE JET KERO VS. GAS	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	300	315	-4.8%	225	33.3%
SINGAPORE MOGAS 92 UNLEAD	17,866	16,556	7.9%	19,092	-6.4%

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Energy Futures					
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	0	0	-	200	-100.0%
SING FUEL	55	10	450.0%	0	-
SOCAL PIPE SWAP	0	0	-	0	-
SONAT BASIS SWAP FUTURE	0	490	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	80	248	-67.7%	90	-11.1%
Sumas Basis Swap	4,424	7,802	-43.3%	4,589	-3.6%
SUMAS NAT GAS PLATTS FIXED	0	490	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	393	0	-	378	4.0%
TC5 RAS TANURA TO YOKOHAM	95	0	-	80	18.8%
TCO BASIS SWAP	7,385	23,753	-68.9%	7,805	-5.4%
TCO NG INDEX SWAP	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	1,682	0	-	1,812	-7.2%
TENN 800 LEG NAT GAS INDE	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	0	734	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	0	368	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	0	972	-100.0%	0	-
TETCO M-3 INDEX	0	5,992	-100.0%	0	-
Tetco STX Basis	490	1,465	-66.6%	550	-10.9%
TEXAS EASTERN ZONE M-3 BA	4,753	19,167	-75.2%	5,053	-5.9%
TEXAS GAS ZONE1 NG BASIS	3,848	11,228	-65.7%	4,324	-11.0%
Transco Zone 3 Basis	2,205	6,282	-64.9%	2,475	-10.9%
TRANSCO ZONE 3 NG INDEX S	0	6,256	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	6,235	21,952	-71.6%	6,625	-5.9%
TRANSCO ZONE 4 NAT GAS IN	0	465	-100.0%	0	-
TRANSCO ZONE 6 BASIS SWAP	1,958	7,465	-73.8%	2,228	-12.1%
TRANSCO ZONE 6 INDEX	0	1,712	-100.0%	0	-
UCM FUT	20	55	-63.6%	50	-60.0%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	0	5	-100.0%	0	-
ULSD 10PPM CIF MED VS ICE	24	33	-27.3%	29	-17.2%
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	5,500	2,665	106.4%	3,235	70.0%
UP DOWN GC ULSD VS NMX HO	33,904	44,727	-24.2%	31,079	9.1%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-
WAHA BASIS	4,842	9,715	-50.2%	5,495	-11.9%
WAHA INDEX SWAP FUTURE	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	245	1,240	-80.2%	370	-33.8%
WTI-BRENT BULLET SWAP	6,704	904	641.6%	404	1,559.4%
WTI-BRENT CALENDAR SWAP	132,419	40,393	227.8%	136,419	-2.9%
WTI CALENDAR	178,928	130,805	36.8%	170,046	5.2%
WTS (ARGUS) VS WTI SWAP	64,074	49,104	30.5%	66,728	-4.0%
WTS (ARGUS) VS WTI TRD MT	3,793	1,285	195.2%	3,326	14.0%

Energy Options

12 MO GASOIL CAL SWAP SPR	0	0	-	0	-
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2018	Open Interest APR 2017	% CHG	Open Interest MAR 2018	% CHG
Energy Options					
BRENT 1 MONTH CAL	3,000	0	-	3,000	0.0%
BRENT CALENDAR SWAP	3,171	14,157	-77.6%	3,241	-2.2%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	220,372	0	-	118,900	85.3%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-
BRENT OIL LAST DAY	245,902	60,450	306.8%	219,868	11.8%
COAL API2 INDEX	2,950	4,822	-38.8%	2,525	16.8%
COAL API4 INDEX	25	0	-	25	0.0%
COAL SWAP	270	665	-59.4%	270	0.0%
CRUDE OIL 1MO	391,525	731,165	-46.5%	339,700	15.3%
CRUDE OIL APO	461,987	299,347	54.3%	452,603	2.1%
CRUDE OIL CALNDR STRIP	170	0	-	0	-
CRUDE OIL OUTRIGHTS	4,840	150	3,126.7%	5,510	-12.2%
CRUDE OIL PHY	3,261,811	3,163,350	3.1%	2,978,386	9.5%
ELEC FINSETTLED	0	0	-	0	-
ELEC MISO PEAK	0	0	-	0	-
ETHANOL	0	310	-100.0%	100	-100.0%
ETHANOL SWAP	15,414	12,162	26.7%	15,998	-3.7%
EURO-DENOMINATED PETRO P	0	0	-	0	-
EUROPEAN JET KEROSENE NW	0	0	-	0	-
GASOLINE	0	0	-	0	-
HEATING OIL CRACK OPTIONS	0	0	-	0	-
HEATING OIL CRK SPD AVG PRI	0	0	-	0	-
HEATING OIL PHY	48,836	54,730	-10.8%	45,709	6.8%
HENRY HUB FINANCIAL LAST	5,734	10,569	-45.7%	5,984	-4.2%
HO 1 MONTH CLNDR OPTIONS	0	1,300	-100.0%	0	-
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
LLS CRUDE OIL	2,300	10,300	-77.7%	2,800	-17.9%
MCCLOSKEY ARA ARGS COAL	495	1,020	-51.5%	590	-16.1%
MCCLOSKEY RCH BAY COAL	1,375	0	-	1,225	12.2%
NATURAL GAS	0	250	-100.0%	0	-
NATURAL GAS 1 M CSO FIN	150	82,050	-99.8%	0	-
NATURAL GAS 2 M CSO FIN	0	1,750	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	29,335	13,376	119.3%	29,185	0.5%
NATURAL GAS 5 M CSO FIN	0	0	-	1,250	-100.0%
NATURAL GAS 6 M CSO FIN	1,500	0	-	500	200.0%
NATURAL GAS OPTION ON CALE	11,386	6,078	87.3%	6,802	67.4%
NATURAL GAS PHY	1,599,744	2,626,450	-39.1%	1,503,581	6.4%
NG HH 3 MONTH CAL	0	0	-	0	-
N ROCKIES PIPE SWAP	1,624	4,230	-61.6%	1,624	0.0%
NY HARBOR HEAT OIL SWP	17,534	28,852	-39.2%	17,513	0.1%
NYISO ZONE G 5MW PEAK OPTI	0	14,910	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
PANHANDLE PIPE SWAP	4,320	2,880	50.0%	5,040	-14.3%
PETROCHEMICALS	3,030	7,769	-61.0%	3,234	-6.3%
PETRO OUTRIGHT EURO	0	300	-100.0%	0	-
PETRO OUTRIGHT NA	54	0	-	60	-10.0%
PJM MONTHLY	0	0	-	0	-
PJM WES HUB PEAK CAL MTH	1,720	2,720	-36.8%	1,630	5.5%
PJM WES HUB PEAK LMP 50MW	9,359	16,606	-43.6%	8,979	4.2%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2018	Open Interest APR 2017	% CHG	Open Interest MAR 2018	% CHG
Energy Options					
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-
RBOB CALENDAR SWAP	645	1,551	-58.4%	525	22.9%
RBOB PHY	12,290	28,239	-56.5%	9,529	29.0%
ROTTERDAM 3.5%FUEL OIL CL	0	420	-100.0%	0	-
SAN JUAN PIPE SWAP	1,700	3,824	-55.5%	840	102.4%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	0	400	-100.0%	0	0.0%
SINGAPORE GASOIL CALENDAR	0	225	-100.0%	0	-
SINGAPORE JET FUEL CALEND	0	630	-100.0%	0	-
SOCAL PIPE SWAP	0	0	-	0	-
WTI-BRENT BULLET SWAP	205,841	146,400	40.6%	334,804	-38.5%
WTI CRUDE OIL 1 M CSO FI	209,484	296,438	-29.3%	180,868	15.8%

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CME Group Exchange Open Interest Report - Monthly

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FX Futures					
AD/CD CROSS RATES	0	3	-100.0%	0	-
AD/JY CROSS RATES	489	889	-45.0%	971	-49.6%
AD/NE CROSS RATES	114	26	338.5%	79	44.3%
AUSTRALIAN DOLLAR	142,500	110,405	29.1%	107,983	32.0%
BDI	0	48	-100.0%	0	-
BP/JY CROSS RATES	464	1,010	-54.1%	479	-3.1%
BP/SF CROSS RATES	140	69	102.9%	75	86.7%
BRAZIL REAL	45,358	36,852	23.1%	37,248	21.8%
BRITISH POUND	194,845	264,173	-26.2%	175,349	11.1%
CANADIAN DOLLAR	122,361	183,541	-33.3%	125,373	-2.4%
CD/JY CROSS RATES	143	46	210.9%	100	43.0%
CHINESE RENMINBI (CNH)	1,264	1,506	-16.1%	1,170	8.0%
EC/AD CROSS RATES	1,228	3,614	-66.0%	1,239	-0.9%
EC/CD CROSS RATES	1,662	1,803	-7.8%	1,564	6.3%
EC/NOK CROSS RATES	174	38	357.9%	89	95.5%
EC/SEK CROSS RATES	826	435	89.9%	793	4.2%
EFX/BP CROSS RATES	36,978	32,783	12.8%	36,636	0.9%
EFX/JY CROSS RATES	19,518	16,967	15.0%	17,881	9.2%
EFX/SF CROSS RATES	11,237	10,825	3.8%	10,153	10.7%
E-MICRO AUD/USD	3,518	2,371	48.4%	1,646	113.7%
E-MICRO CAD/USD	1,759	1,733	1.5%	1,388	26.7%
E-MICRO CHF/USD	203	143	42.0%	151	34.4%
E-MICRO EUR/USD	13,694	4,102	233.8%	8,606	59.1%
E-MICRO GBP/USD	3,100	2,922	6.1%	4,106	-24.5%
E-MICRO INR/USD	635	124	412.1%	163	289.6%
E-MICRO JPY/USD	1,944	1,078	80.3%	1,454	33.7%
E-MICRO USD/CAD	0	0	-	0	-
E-MICRO USD/CHF	0	0	-	0	-
E-MICRO USD/CNH	0	0	-	0	-
E-MICRO USD/JPY	0	0	-	0	-
E-MINI EURO FX	13,685	12,272	11.5%	12,706	7.7%
E-MINI JAPANESE YEN	906	7,481	-87.9%	552	64.1%
EURO FX	507,731	413,751	22.7%	491,007	3.4%
HUNGARIAN FORINT (EC)	0	0	-	0	-
INDIAN RUPEE	1,733	918	88.8%	1,278	35.6%
JAPANESE YEN	157,037	200,646	-21.7%	148,556	5.7%
KOREAN WON	71	14	407.1%	59	20.3%
MEXICAN PESO	216,882	178,717	21.4%	206,023	5.3%
NEW ZEALND DOLLAR	48,655	44,394	9.6%	46,812	3.9%
NKR/USD CROSS RATE	1,854	1,267	46.3%	1,400	32.4%
POLISH ZLOTY (EC)	1	13	-92.3%	3	-66.7%
POLISH ZLOTY (US)	36	52	-30.8%	59	-39.0%
RMB USD	3	70	-95.7%	3	0.0%
RUSSIAN RUBLE	28,394	46,332	-38.7%	28,651	-0.9%
S.AFRICAN RAND	10,850	18,056	-39.9%	11,428	-5.1%
SF/JY CROSS RATES	0	0	-	0	-
SHEKEL	814	0	-	805	1.1%
SKR/USD CROSS RATES	1,481	1,514	-2.2%	1,500	-1.3%
SWISS FRANC	83,077	45,754	81.6%	46,924	77.0%
TURKISH LIRA	7,912	2,392	230.8%	8,317	-4.9%
USDZAR	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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FX Options					
AUD/USD PQO 2pm Fix	113,659	43,295	162.5%	111,255	2.2%
AUSTRALIAN DLR (EU)	0	0	-	0	-
AUSTRALIAN DOLLAR	0	25,899	-100.0%	0	-
BRITISH POUND	0	53,618	-100.0%	0	-
BRITISH POUND (EU)	232	507	-54.2%	236	-1.7%
CAD/USD PQO 2pm Fix	84,529	37,501	125.4%	82,047	3.0%
CANADIAN DOLLAR	0	19,489	-100.0%	0	-
CANADIAN DOLLAR (EU)	50	31	61.3%	50	0.0%
CHF/USD PQO 2pm Fix	3,988	2,191	82.0%	1,367	191.7%
EFX/JY CROSS RATES	0	0	-	0	-
EURO FX	0	147,867	-100.0%	0	-
EURO FX (EU)	10	80	-87.5%	15	-33.3%
EUR/USD PQO 2pm Fix	297,012	196,699	51.0%	310,996	-4.5%
GBP/USD PQO 2pm Fix	133,067	67,629	96.8%	139,699	-4.7%
JAPANESE YEN	0	65,185	-100.0%	0	-
JAPANESE YEN (EU)	0	25	-100.0%	0	-
JPY/USD PQO 2pm Fix	143,610	94,501	52.0%	135,699	5.8%
MEXICAN PESO	6,337	1,715	269.5%	2,301	175.4%
RUSSIAN RUBLE	0	0	-	0	-
SWISS FRANC	0	2,221	-100.0%	0	-
SWISS FRANC (EU)	0	3	-100.0%	0	-
Foreign Exchange Futures					
CHILEAN PESO	1,268	329	285.4%	1,298	-2.3%
Foreign Exchange Options					
AUD/USD PQO 2pm Fix	88	0	-	8	1,000.0%
Ags Futures					
FERTILIZER PRODUCS	775	0	-	875	-11.4%

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Futures					
BUTTER CS	7,030	6,403	9.8%	7,707	-8.8%
CASH-SETTLED CHEESE	25,746	31,313	-17.8%	27,293	-5.7%
CAT EURO SEASONAL STRIP	0	0	-	0	-
CATTLE	349,350	428,332	-18.4%	356,828	-2.1%
CDD SEASONAL STRIP	0	1,100	-100.0%	0	-
CDD WEATHER	1,100	25,000	-95.6%	0	-
CHI WHEAT	462,550	466,992	-1.0%	509,919	-9.3%
CLASS IV MILK	1,558	4,623	-66.3%	1,692	-7.9%
COCOA TAS	1	0	-	0	-
COFFEE	0	20	-100.0%	0	-
CORN	1,722,531	1,337,193	28.8%	1,847,620	-6.8%
COTTON	0	2	-100.0%	0	-
DJ_UBS ROLL SELECT INDEX FU	2,951	1,070	175.8%	741	298.2%
DOW-UBS COMMOD INDEX	68,678	39,516	73.8%	45,530	50.8%
DRY WHEY	3,562	6,554	-45.7%	3,662	-2.7%
FEEDER CATTLE	44,212	61,097	-27.6%	55,941	-21.0%
FERTILIZER PRODUCTS	3,095	2,015	53.6%	3,265	-5.2%
GOLDMAN SACHS	15,343	14,354	6.9%	15,269	0.5%
GSCI EXCESS RETURN FUT	58,318	48,766	19.6%	58,318	0.0%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER	0	0	-	2,750	-100.0%
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	260,117	218,648	19.0%	234,184	11.1%
HOUSING INDEX	39	69	-43.5%	32	21.9%
Intercommodity Spread	0	0	-	0	-
KC WHEAT	247,017	262,991	-6.1%	283,699	-12.9%
LUMBER	6,942	5,891	17.8%	6,520	6.5%
MALAYSIAN PALM SWAP	17,556	26,818	-34.5%	18,398	-4.6%
MILK	23,439	34,999	-33.0%	24,306	-3.6%
MINI CORN	11,299	7,842	44.1%	11,599	-2.6%
MINI SOYBEAN	31,507	17,547	79.6%	32,149	-2.0%
MINI WHEAT	2,096	1,393	50.5%	2,364	-11.3%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	7,631	7,086	7.7%	8,609	-11.4%
OATS	6,068	5,823	4.2%	6,577	-7.7%
PALM OIL	0	0	-	0	-
ROUGH RICE	9,327	11,011	-15.3%	8,153	14.4%
SOYBEAN	852,135	637,981	33.6%	891,896	-4.5%
SOYBEAN MEAL	513,151	363,009	41.4%	466,094	10.1%
SOYBEAN OIL	502,261	408,955	22.8%	513,612	-2.2%
S&P GSCI ENHANCED ER SWAP	3,762	17,033	-77.9%	3,762	0.0%
SUGAR 11	58	1	5,700.0%	0	-
USD CRUDE PALM OIL	5,000	1,384	261.3%	5,190	-3.7%
WHEAT	16,330	807	1,923.5%	15,000	8.9%

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Options					
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
BUTTER CS	12,820	5,564	130.4%	10,344	23.9%
CASH-SETTLED CHEESE	43,210	38,701	11.7%	47,327	-8.7%
CATTLE	208,100	203,381	2.3%	207,455	0.3%
CDD SEASONAL STRIP	0	2,800	-100.0%	0	-
CDD WEATHER	0	47,000	-100.0%	0	-
CHI WHEAT	394,811	326,316	21.0%	419,677	-5.9%
CLASS IV MILK	4,119	6,290	-34.5%	4,458	-7.6%
CORN	1,588,645	1,324,145	20.0%	1,503,998	5.6%
CORN NEARBY+2 CAL SPRD	6,308	1,176	436.4%	6,298	0.2%
DEC-DEC CORN CAL SPRD	1,336	1,960	-31.8%	988	35.2%
DEC-JULY CORN CAL SPRD	0	2,600	-100.0%	0	-
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
DRY WHEY	2,651	1,795	47.7%	3,035	-12.7%
FEEDER CATTLE	29,659	35,011	-15.3%	46,882	-36.7%
HDD EURO SEASONAL STRIP	0	0	-	2,500	-100.0%
HDD SEASONAL STRIP	0	0	-	9,500	-100.0%
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	161,596	154,643	4.5%	180,315	-10.4%
HOUSING INDEX	2	6	-66.7%	2	0.0%
Intercommodity Spread	3,918	650	502.8%	4,003	-2.1%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	5,756	5,950	-3.3%	5,004	15.0%
JULY-DEC SOY OIL CAL SPRD	0	590	-100.0%	0	-
JULY-DEC WHEAT CAL SPRD	720	934	-22.9%	475	51.6%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	14,092	23,231	-39.3%	14,712	-4.2%
KC WHEAT	66,370	43,080	54.1%	90,085	-26.3%
LUMBER	967	847	14.2%	2,159	-55.2%
LV CATL CSO	10	593	-98.3%	5	100.0%
MAR-JULY CORN CAL SPRD	0	0	-	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	74,392	95,528	-22.1%	75,103	-0.9%
MLK MID OPTIONS	370	610	-39.3%	335	10.4%
NFD MILK	17,030	11,818	44.1%	15,594	9.2%
NOV-DEC SOYBEAN CSO	70	0	-	0	-
NOV-JULY SOYBEAN CAL SPRD	0	25	-100.0%	0	-
NOV-NOV SOYBEAN CAL SPRD	5	76	-93.4%	9	-44.4%
OATS	539	2,174	-75.2%	773	-30.3%
ROUGH RICE	537	2,651	-79.7%	1,327	-59.5%
SOYBEAN	658,257	589,196	11.7%	719,972	-8.6%
SOYBEAN CRUSH	70	215	-67.4%	112	-37.5%
SOYBEAN MEAL	189,122	116,661	62.1%	189,098	0.0%
SOYBEAN OIL	72,533	137,738	-47.3%	93,055	-22.1%
SOYBN NEARBY+2 CAL SPRD	0	1,210	-100.0%	0	-
SOYMEAL NEARBY+2 CAL SPRD	400	0	-	0	-
WHEAT	0	711	-100.0%	0	-
WHEAT-CORN ICSO	300	750	-60.0%	90	233.3%
WHEAT NEARBY+2 CAL SPRD	3,300	2,100	57.1%	5,967	-44.7%

***** 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 APR 2018	Open Interest APR 2017	% CHG	Open Interest MAR 2018	% CHG
TOTAL FUTURES GROUP					
Interest Rate Futures	30,937,276	24,523,991	26.2%	30,551,351	1.3%
Equity Index Futures	4,522,712	3,790,749	19.3%	4,412,990	2.5%
Metals Futures	1,171,767	1,134,430	3.3%	1,252,256	-6.4%
Energy Futures	14,974,036	19,597,694	-23.6%	14,949,316	0.2%
FX Futures	1,685,276	1,651,149	2.1%	1,540,779	9.4%
Foreign Exchange Futures	1,268	329	285.4%	1,298	-2.3%
Ags Futures	775	0	-	875	-11.4%
Ag Products Futures	5,281,760	4,503,638	17.3%	5,468,679	-3.4%
TOTAL FUTURES	58,574,870	55,201,980	6.1%	58,177,544	0.7%
TOTAL OPTIONS GROUP					
Interest Rate Options	50,990,861	48,419,461	5.3%	51,599,072	-1.2%
Equity Index Options	4,255,747	4,569,648	-6.9%	4,177,241	1.9%
Metals Options	1,314,843	1,126,271	16.7%	1,202,009	9.4%
Energy Options	6,779,893	7,650,845	-11.4%	6,302,398	7.6%
FX Options	782,494	758,456	3.2%	783,665	-0.1%
Foreign Exchange Options	88	0	-	8	1,000.0%
Ag Products Options	3,562,015	3,188,726	11.7%	3,660,657	-2.7%
TOTAL OPTIONS	67,685,941	65,713,407	3.0%	67,725,050	-0.1%
TOTAL COMBINED					
Interest Rate	81,928,137	72,943,452	12.3%	82,150,423	-0.3%
Equity Index	8,778,459	8,360,397	5.0%	8,590,231	2.2%
Metals	2,486,610	2,260,701	10.0%	2,454,265	1.3%
Energy	21,753,929	27,248,539	-20.2%	21,251,714	2.4%
FX	2,467,770	2,409,605	2.4%	2,324,444	6.2%
Foreign Exchange	1,356	329	312.2%	1,306	3.8%
Ags	775	0	-	875	-11.4%
Ag Products	8,843,775	7,692,364	15.0%	9,129,336	-3.1%
GRAND TOTAL	126,260,811	120,915,387	4.4%	125,902,594	0.3%

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