

## CME Group Exchange Open Interest Report - Monthly

	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Interest Rate Futures</b>					
10-YR NOTE	3,515,551	3,079,946	14.1%	3,682,279	-4.5%
10-YR SWAP RATE	31,012	29,435	5.4%	33,285	-6.8%
1-MONTH EURODOLLAR	7,569	10,536	-28.2%	8,226	-8.0%
2-YR NOTE	1,873,958	1,365,241	37.3%	1,912,157	-2.0%
2-YR SWAP RATE	0	0	-	0	-
30-YR BOND	792,810	748,103	6.0%	853,234	-7.1%
30-YR SWAP RATE	0	208	-100.0%	124	-100.0%
5-YR NOTE	3,811,091	3,072,432	24.0%	3,734,670	2.0%
5-YR SWAP RATE	16,048	22,836	-29.7%	19,528	-17.8%
7-YR SWAP	0	0	-	0	-
EURODOLLARS	13,943,636	13,035,658	7.0%	15,474,424	-9.9%
FED FUND	2,078,675	1,669,959	24.5%	2,074,987	0.2%
SOFR	12,586	0	-	10,673	17.9%
Ultra 10-Year Note	541,756	391,454	38.4%	534,821	1.3%
ULTRA T-BOND	972,070	791,953	22.7%	1,051,575	-7.6%
<b>Interest Rate Options</b>					
10-YR NOTE	2,881,970	2,598,542	10.9%	3,117,779	-7.6%
2-YR NOTE	278,074	42,029	561.6%	434,187	-36.0%
30-YR BOND	764,996	798,369	-4.2%	851,766	-10.2%
5-YR NOTE	1,600,644	1,134,792	41.1%	1,619,762	-1.2%
EURODOLLARS	23,566,718	23,564,493	0.0%	25,754,073	-8.5%
EURO MIDCURVE	15,361,033	14,174,646	8.4%	18,738,620	-18.0%
FED FUND	4,776	1,401	240.9%	4,791	-0.3%
Ultra 10-Year Note	0	89	-100.0%	0	-
ULTRA T-BOND	13,096	8,341	57.0%	14,564	-10.1%

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<b>Equity Index Futures</b>					
BITCOIN FUTURES	2,724	0	-	2,827	-3.6%
DJ US REAL ESTATE	30,575	17,139	78.4%	22,794	34.1%
E-mini (\$5) Dow	85,388	130,352	-34.5%	101,305	-15.7%
E-mini FTSE 100 (USD)	5	0	0.0%	3	66.7%
E-mini FTSE China 50	141	265	-46.8%	132	6.8%
E-MINI MIDCAP	85,579	93,966	-8.9%	83,889	2.0%
E-MINI NASDAQ 100	236,534	286,372	-17.4%	248,465	-4.8%
E-MINI RUSSELL 1000	10,391	122	8,417.2%	9,847	5.5%
E-MINI RUSSELL 1000 GROWTH	4,207	845	397.9%	3,744	12.4%
E-MINI RUSSELL 1000 VALUE	5,607	168	3,237.5%	6,595	-15.0%
E-MINI RUSSELL 2000	554,152	0	-	554,847	-0.1%
E-MINI S&P500	2,698,986	2,868,841	-5.9%	3,239,488	-16.7%
E-MINI S&P REAL ESTATE SELE	5,873	7,378	-20.4%	6,052	-3.0%
FT-SE 100	5	24	-79.2%	116	-95.7%
FTSE Emerging	0	22	-100.0%	5	-100.0%
IBOVESPA INDEX	310	162	91.4%	423	-26.7%
NASDAQ BIOTECH	925	793	16.6%	965	-4.1%
NIFTY 50	0	763	-100.0%	1,246	-100.0%
NIKKEI 225 (\$) STOCK	30,423	36,388	-16.4%	43,914	-30.7%
NIKKEI 225 (YEN) STOCK	50,394	66,842	-24.6%	61,045	-17.4%
S&P 500	154,647	72,339	113.8%	233,018	-33.6%
S&P 500/GI	13	21	-38.1%	13	0.0%
S&P 500/VALUE	113,058	82,614	36.9%	111,503	1.4%
S&P CONSUMER DSCRTNRY SE	6,813	2,072	228.8%	7,233	-5.8%
S&P CONSUMER STAPLES SECT	7,401	11,761	-37.1%	24,442	-69.7%
S&P ENERGY SECTOR	26,710	6,537	308.6%	27,512	-2.9%
S&P FINANCIAL SECTOR	27,724	19,166	44.7%	32,270	-14.1%
S&P HEALTH CARE SECTOR	6,294	15,470	-59.3%	7,986	-21.2%
S&P INDUSTRIAL SECTOR	4,409	4,882	-9.7%	6,635	-33.5%
S&P MATERIALS SECTOR	5,050	6,023	-16.2%	5,065	-0.3%
S&P TECHNOLOGY SECTOR	11,700	7,344	59.3%	10,107	15.8%
S&P UTILITIES SECTOR	26,354	21,705	21.4%	26,892	-2.0%
YEN DENOMINATED TOPIX	205	0	-	134	53.0%

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<b>Equity Index Options</b>					
E-mini (\$5) Dow	6,915	4,762	45.2%	10,820	-36.1%
E-MINI MIDCAP	0	0	-	0	-
E-MINI NASDAQ 100	59,670	59,924	-0.4%	75,750	-21.2%
E-MINI RUSSELL 2000	7,164	0	-	15,653	-54.2%
E-MINI S&P500	1,624,809	1,099,782	47.7%	2,362,845	-31.2%
EOM E-MINI RUSSELL 2000 END	240	0	-	3,596	-93.3%
EOM EMINI S&P	529,774	591,963	-10.5%	556,107	-4.7%
EOM S&P 500	30,464	26,122	16.6%	25,264	20.6%
EOW1 E-MINI RUSSELL 2000 WE	1,502	0	-	629	138.8%
EOW1 E-MINI RUSSELL 2000 WE	1,423	0	-	2,447	-41.8%
EOW1 EMINI S&P 500	241,800	358,953	-32.6%	284,876	-15.1%
EOW1 S&P 500	34,660	76,104	-54.5%	63,990	-45.8%
EOW2 E-MINI RUSSELL 2000 WE	2,804	0	-	3,467	-19.1%
EOW2 EMINI S&P 500	100,302	134,616	-25.5%	136,629	-26.6%
EOW2 S&P 500	2,420	11,506	-79.0%	12,511	-80.7%
EOW3 E-MINI RUSSELL 2000 WE	16,348	0	-	7,133	129.2%
EOW3 EMINI S&P 500	968,784	1,301,175	-25.5%	505,057	91.8%
EOW3 S&P 500	80,733	229,461	-64.8%	43,464	85.7%
EOW4 E-MINI RUSSELL 2000 WE	895	0	-	253	253.8%
EOW4 EMINI S&P 500	48,686	41,199	18.2%	74,262	-34.4%
S&P 500	102,488	66,054	55.2%	147,249	-30.4%
<b>Metals Futures</b>					
ALUMINUM	68,325	59,192	15.4%	71,734	-4.8%
COMEX COPPER	266,333	265,240	0.4%	263,968	0.9%
COMEX E-Mini GOLD	861	637	35.2%	672	28.1%
COMEX E-Mini SILVER	298	90	231.1%	214	39.3%
COMEX GOLD	478,221	461,608	3.6%	460,979	3.7%
COMEX MINY COPPER	58	242	-76.0%	70	-17.1%
COMEX SILVER	209,485	201,430	4.0%	210,701	-0.6%
COPPER	13,325	923	1,343.7%	13,972	-4.6%
E-MICRO GOLD	10,337	5,054	104.5%	9,477	9.1%
FERROUS PRODUCTS	3,155	255	1,137.3%	3,858	-18.2%
GOLD	0	0	-	0	-
Gold Kilo	0	16	-100.0%	0	-
IRON ORE 62 CHINA PLATTS FU	600	1,752	-65.8%	740	-18.9%
IRON ORE 62 CHINA TSI FUTURE	10,264	17,669	-41.9%	10,934	-6.1%
LNDN ZINC	28	50	-44.0%	6	366.7%
METALS	0	0	-	0	-
NYMEX HOT ROLLED STEEL	12,457	13,205	-5.7%	15,997	-22.1%
NYMEX PLATINUM	86,498	71,239	21.4%	81,436	6.2%
PALLADIUM	22,049	34,584	-36.2%	21,468	2.7%
SILVER	1,537	885	73.7%	1,408	9.2%
URANIUM	2,690	4,988	-46.1%	2,664	1.0%

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<b>Metals Options</b>					
COMEX COPPER	20,335	2,819	621.4%	21,482	-5.3%
COMEX GOLD	1,190,505	962,264	23.7%	1,093,235	8.9%
COMEX SILVER	190,624	102,991	85.1%	191,463	-0.4%
COPPER	0	0	-	0	-
GOLD	5,220	2,562	103.7%	7,648	-31.7%
HOT ROLLED COIL STEEL CALL	600	0	-	700	-14.3%
IRON ORE 62 CHINA TSI CALL O	1,650	10,241	-83.9%	1,838	-10.2%
IRON ORE 62 CHINA TSI PUT OP	640	4,590	-86.1%	600	6.7%
NYMEX PLATINUM	5,816	2,839	104.9%	2,748	111.6%
PALLADIUM	2,518	6,461	-61.0%	2,101	19.8%
SILVER	588	0	0.0%	140	320.0%
<b>Energy Futures</b>					
3.5% FUEL OIL CID MED SWA	248	487	-49.1%	321	-22.7%
3.5% FUEL OIL CIF BALMO S	0	0	-	5	-100.0%
AEP-DAYTON HUB DAILY	68	168	-59.5%	92	-26.1%
AEP-DAYTON HUB MTHLY	0	490	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	0	350	-100.0%	0	-
ALGON CITY GATES NAT GAS	0	1,224	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	0	1,254	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	0	0	-	0	-
ANR OKLAHOMA	978	2,625	-62.7%	1,128	-13.3%
APPALACHIAN COAL (PHY)	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	49,839	9,354	432.8%	49,286	1.1%
ARGUS PROPAN FAR EST INDE	5,034	1,794	180.6%	5,317	-5.3%
ARGUS PROPAN(SAUDI ARAMC	1,656	856	93.5%	1,855	-10.7%
AUSTRIALIAN COKE COAL	216	678	-68.1%	240	-10.0%
BRENT BALMO SWAP	0	150	-100.0%	0	-
BRENT CALENDAR SWAP	20,023	16,069	24.6%	20,033	0.0%
BRENT CFD SWAP	0	0	-	0	-
BRENT FINANCIAL FUTURES	3,848	6,522	-41.0%	3,798	1.3%
BRENT OIL LAST DAY	211,992	133,961	58.2%	227,528	-6.8%
CAISO SP15 EZGNHUB5 MW P	0	2,600	-100.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	0	1,750	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	35	3,639	-99.0%	42	-16.7%
CENTERPOINT BASIS SWAP	5,813	14,112	-58.8%	6,357	-8.6%
CENTERPOINT EAST INDEX	0	0	-	0	-
CEU ENERGY	764	0	-	399	91.5%
CHICAGO ETHANOL SWAP	59,540	42,037	41.6%	57,005	4.4%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	1,116	1,234	-9.6%	847	31.8%
CHICAGO UNL GAS PL VS RBO	625	21	2,876.2%	525	19.0%
CIG BASIS	14,916	35,794	-58.3%	16,328	-8.6%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	70	120	-41.7%	80	-12.5%
CINERGY HUB PEAK MONTH	168	288	-41.7%	192	-12.5%
CIN HUB 5MW D AH O PK	69,160	319,280	-78.3%	83,440	-17.1%
CIN HUB 5MW D AH PK	6,916	15,971	-56.7%	7,206	-4.0%
CIN HUB 5MW REAL TIME O P	316,584	575,992	-45.0%	343,464	-7.8%

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<b>Energy Futures</b>					
CIN HUB 5MW REAL TIME PK	27,640	46,653	-40.8%	29,383	-5.9%
COAL SWAP	205	175	17.1%	105	95.2%
COLUMB GULF MAINLINE NG B	2,000	11,718	-82.9%	2,326	-14.0%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
COLUMBIA GULF ONSHORE	0	8,648	-100.0%	0	-
CONWAY NATURAL GASOLINE (	1,146	1,001	14.5%	1,173	-2.3%
CONWAY NORMAL BUTANE (OPI	1,771	4,012	-55.9%	843	110.1%
CONWAY PROPANE 5 DECIMALS	24,450	17,475	39.9%	22,829	7.1%
CRUDE OIL	19,772	18,793	5.2%	19,272	2.6%
CRUDE OIL OUTRIGHTS	150,201	49,700	202.2%	144,431	4.0%
CRUDE OIL PHY	2,502,159	2,182,905	14.6%	2,644,087	-5.4%
CRUDE OIL SPRDS	177,881	29,183	509.5%	181,781	-2.1%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	162,992	377,288	-56.8%	167,699	-2.8%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
DATED TO FRONTLINE BRENT	5,420	10,515	-48.5%	5,745	-5.7%
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	1,712	2,920	-41.4%	1,960	-12.7%
DOMINION TRANSMISSION INC	20,083	50,272	-60.1%	21,403	-6.2%
DUBAI CRUDE OIL BALMO	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	2,721	19,015	-85.7%	3,287	-17.2%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	155	691	-77.6%	240	-35.4%
EAST/WEST FUEL OIL SPREAD	97	714	-86.4%	117	-17.1%
EIA FLAT TAX ONHWAY DIESE	2,005	4,212	-52.4%	1,828	9.7%
ELEC ERCOT DLY OFF PK	0	0	-	6,000	-100.0%
ELEC ERCOT DLY PEAK	900	0	-	180	400.0%
ELEC ERCOT OFF PEAK	0	0	-	0	-
ELEC FINSETTLED	1,320	2,274	-42.0%	1,364	-3.2%
ELEC MISO PEAK	2,220	4,632	-52.1%	2,550	-12.9%
ELEC NYISO OFF-PEAK	41,535	81,276	-48.9%	47,415	-12.4%
ELECTRICITY ERCOT PEAK	0	0	-	0	-
ELECTRICITY OFF PEAK	24,242	41,909	-42.2%	25,026	-3.1%
ELEC WEST POWER OFF-PEAK	0	200	-100.0%	0	-
ELEC WEST POWER PEAK	0	0	-	0	-
EL PASO PERMIAN INDEX SWA	0	0	-	0	-
ERCOT DAILY 5MW PEAK	0	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW	2,200	1,680	31.0%	2,200	0.0%
ERCOT NORTH ZMCPE 5MW OF	8,400	3,840	118.8%	6,000	40.0%
ERCOT NORTH ZMCPE 5MW OF	84,000	0	-	110,880	-24.2%
ERCOT NORTH ZMCPE 5MW PE	3,150	1,680	87.5%	6,300	-50.0%
ETHANOL	1,922	2,298	-16.4%	2,110	-8.9%
ETHANOL FWD	0	29	-100.0%	0	-
ETHANOL SWAP	100	0	-	10	900.0%
ETHANOL T2 FOB ROTT INCL DU	4,788	4,965	-3.6%	5,002	-4.3%
EURO 1% FUEL OIL NEW BALM	3	0	-	15	-80.0%
EURO 3.5% FUEL OIL RDAM B	651	336	93.8%	860	-24.3%

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<b>Energy Futures</b>					
EURO 3.5% FUEL OIL SPREAD	238	1,257	-81.1%	326	-27.0%
EURO-DENOMINATED PETRO P	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	324	298	8.7%	352	-8.0%
EUROPE 1% FUEL OIL NWE CA	179	133	34.6%	230	-22.2%
EUROPE 1% FUEL OIL RDAM C	3	10	-70.0%	3	0.0%
EUROPE 3.5% FUEL OIL MED	291	530	-45.1%	365	-20.3%
EUROPE 3.5% FUEL OIL RDAM	13,654	11,162	22.3%	14,764	-7.5%
EUROPEAN GASOIL (ICE)	154	1,311	-88.3%	152	1.3%
EUROPEAN NAPHTHA BALMO	249	657	-62.1%	231	7.8%
EUROPEAN NAPHTHA CRACK SP	15,959	11,947	33.6%	14,716	8.4%
EUROPE DATED BRENT SWAP	150	4	3,650.0%	225	-33.3%
EUROPE JET KERO NWE CALSW	24	53	-54.7%	30	-20.0%
EUROPE NAPHTHA CALSWAP	3,101	2,652	16.9%	2,501	24.0%
EURO PROPANE CIF ARA SWA	1,748	1,247	40.2%	1,688	3.6%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-
FREIGHT MARKETS	2,344	854	174.5%	2,261	3.7%
FUEL OIL CRACK VS ICE	12,695	21,002	-39.6%	15,163	-16.3%
FUEL OIL NWE CRACK VS ICE	171	0	-	171	0.0%
FUEL OIL (PLATS) CAR CM	98	31	216.1%	112	-12.5%
FUEL OIL (PLATS) CAR CN	57	0	-	72	-20.8%
FUELOIL SWAP:CARGOES VS.B	730	1,320	-44.7%	804	-9.2%
GAS EURO-BOB OXY NWE BARG	6,851	6,022	13.8%	6,940	-1.3%
GAS EURO-BOB OXY NWE BARG	35,571	32,729	8.7%	36,191	-1.7%
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	5	35	-85.7%	10	-50.0%
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	124	155	-20.0%	146	-15.1%
GASOIL 0.1 ROTTERDAM BARG	380	40	850.0%	365	4.1%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	332	811	-59.1%	379	-12.4%
GASOIL BULLET SWAP	0	30	-100.0%	0	-
GASOIL CALENDAR SWAP	32	68	-52.9%	34	-5.9%
GASOIL CRACK SPREAD CALEN	20,488	24,157	-15.2%	23,039	-11.1%
GASOIL MINI CALENDAR SWAP	573	391	46.5%	609	-5.9%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	155	175	-11.4%	139	11.5%
GROUP THREE UNLEAD GAS (P	425	0	-	425	0.0%
GRP THREE ULSD(PLT)VS HEA	10,335	8,542	21.0%	10,739	-3.8%
GRP THREE UNL GS (PLT) VS	3,618	2,920	23.9%	4,047	-10.6%
GULF COAST 3% FUEL OIL BA	919	2,243	-59.0%	2,119	-56.6%
GULF COAST GASOLINE CLNDR	0	0	-	0	-
GULF COAST JET FUEL CLNDR	905	897	0.9%	838	8.0%
GULF COAST JET VS NYM 2 H	30,122	35,112	-14.2%	33,329	-9.6%
GULF COAST NO.6 FUEL OIL	66,376	53,291	24.6%	70,173	-5.4%
GULF COAST ULSD CALENDAR	1,609	3,159	-49.1%	1,201	34.0%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>					
GULF COAST ULSD CRACK SPR	945	2,243	-57.9%	995	-5.0%
HEATING OIL BALMO CLNDR S	167	150	11.3%	0	-
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	390,359	418,127	-6.6%	415,713	-6.1%
HENRY HUB BASIS SWAP	2,836	22,392	-87.3%	2,080	36.3%
HENRY HUB FINANCIAL LAST	12	0	-	43	-72.1%
HENRY HUB INDEX SWAP FUTU	2,464	20,917	-88.2%	2,712	-9.1%
HENRY HUB SWAP	1,087,984	1,263,496	-13.9%	1,112,596	-2.2%
HENRY HUB SWING FUTURE	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	14,453	22,052	-34.5%	14,993	-3.6%
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-
HTG OIL	203	275	-26.2%	222	-8.6%
HUSTN SHIP CHNL PIPE SWP	0	1,087	-100.0%	0	-
ICE BRENT DUBAI SWAP	46,975	47,104	-0.3%	45,879	2.4%
ICE GASOIL BALMO SWAP	0	0	-	0	-
IN DELIVERY MONTH EUA	3,698	10,598	-65.1%	3,698	0.0%
INDIANA MISO	28,769	34,932	-17.6%	27,557	4.4%
INDONESIAN COAL	0	0	-	0	-
INDONESIAN COAL ICI4	110	0	-	50	120.0%
ISO NEW ENGLAND OFF-PEAK	0	98	-100.0%	0	-
ISO NEW ENGLAND PK LMP	0	119	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	616	2,182	-71.8%	924	-33.3%
JAPAN C&F NAPHTHA SWAP	2,813	2,018	39.4%	2,754	2.1%
JAPAN NAPHTHA BALMO SWAP	23	98	-76.5%	47	-51.1%
JET AV FUEL (P) CAR FM ICE GA	14	31	-54.8%	16	-12.5%
JET BARGES VS ICE GASOIL	0	0	-	0	-
JET CIF NWE VS ICE	472	533	-11.4%	535	-11.8%
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	4,263	6,349	-32.9%	3,250	31.2%
LA CARB DIESEL (OPIS)	0	13	-100.0%	0	-
LA CARB DIESEL (OPIS) SWA	625	335	86.6%	575	8.7%
LA CARBOB GASOLINE(OPIS)S	575	650	-11.5%	1,150	-50.0%
LA JET FUEL VS NYM NO 2 H	0	0	-	0	-
LA JET (OPIS) SWAP	2,395	2,935	-18.4%	2,735	-12.4%
LLS (ARGUS) VS WTI SWAP	36,195	22,334	62.1%	34,910	3.7%
LTD NAT GAS	421,061	372,587	13.0%	393,983	6.9%
MARS (ARGUS) VS WTI SWAP	10,470	8,033	30.3%	11,545	-9.3%
MARS (ARGUS) VS WTI TRD M	21,543	18,660	15.5%	27,905	-22.8%
MARS BLEND CRUDE OIL	200	1,700	-88.2%	200	0.0%
MCCLOSKEY ARA ARGS COAL	39,757	67,657	-41.2%	39,233	1.3%
MCCLOSKEY RCH BAY COAL	4,997	10,943	-54.3%	4,125	21.1%
MGF FUT	20	26	-23.1%	35	-42.9%
MGN1 SWAP FUT	454	494	-8.1%	441	2.9%
MICHCON NG INDEX SWAP	0	0	-	0	-
MICHIGAN BASIS	3,582	8,917	-59.8%	3,802	-5.8%
MICHIGAN MISO	20,412	142,570	-85.7%	23,310	-12.4%
MINI GAS EUROBOB OXY NWE A	411	891	-53.9%	294	39.8%
MINI RBOB V. EBOBARG NWE BF	446	420	6.2%	310	43.9%
MINI RBOB V. EBOB(ARGUS) NW	2,760	3,704	-25.5%	2,692	2.5%
MINY HTG OIL	1	1	0.0%	0	-

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
MINY NATURAL GAS	1,231	1,578	-22.0%	1,019	20.8%
MINY RBOB GAS	0	0	-	0	-
MINY WTI CRUDE OIL	4,711	6,289	-25.1%	5,116	-7.9%
MJC FUT	390	605	-35.5%	555	-29.7%
MNC FUT	5,111	5,213	-2.0%	5,274	-3.1%
MONT BELVIEU ETHANE 5 DECI	45,725	77,569	-41.1%	45,202	1.2%
MONT BELVIEU ETHANE OPIS B	80	100	-20.0%	125	-36.0%
MONT BELVIEU LDH PROPANE 5	127,318	106,922	19.1%	128,901	-1.2%
MONT BELVIEU LDH PROPANE C	1,816	1,074	69.1%	1,645	10.4%
MONT BELVIEU NATURAL GASO	19,938	10,733	85.8%	20,211	-1.4%
MONT BELVIEU NATURAL GASO	500	217	130.4%	336	48.8%
MONT BELVIEU NORMAL BUTAN	44,431	40,184	10.6%	38,893	14.2%
MONT BELVIEU NORMAL BUTAN	682	347	96.5%	661	3.2%
NAT GAS BASIS SWAP	4,027	9,793	-58.9%	4,267	-5.6%
NATURAL GAS	78,684	128,733	-38.9%	83,815	-6.1%
NATURAL GAS FIXED PRICE SW	0	540	-100.0%	0	-
NATURAL GAS INDEX	0	612	-100.0%	0	-
NATURAL GAS PEN SWP	163,518	239,811	-31.8%	170,783	-4.3%
NATURAL GAS PHY	1,489,298	1,340,513	11.1%	1,534,433	-2.9%
NEPOOL CNCTCT 5MW D AH O	0	2,769	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	0	148	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	502,167	645,129	-22.2%	506,604	-0.9%
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	740	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	0	13,845	-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	5,538	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	0	296	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	1,888	1,499	26.0%	1,888	0.0%
NEW YORK ETHANOL SWAP	2,000	995	101.0%	2,265	-11.7%
NEW YORK HUB ZONE G PEAK	2,619	2,537	3.2%	2,304	13.7%
NEW YORK HUB ZONE J PEAK	1,170	1,531	-23.6%	850	37.6%
NGPL MID-CONTINENT	17,922	27,036	-33.7%	18,852	-4.9%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
NGPL MIDCONTINENT SWING S	0	0	-	0	-
NGPL TEX/OK	23,509	31,155	-24.5%	26,399	-10.9%
NGPL TEXOK INDEX	0	0	-	0	-
N ILLINOIS HUB DAILY	178	294	-39.5%	258	-31.0%
N ILLINOIS HUB MTHLY	0	140	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	463	1,960	-76.4%	483	-4.1%
NORTHERN NATURAL GAS DEMA	968	2,540	-61.9%	1,096	-11.7%
NORTHERN NATURAL GAS VENTL	1,432	3,412	-58.0%	1,444	-0.8%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	27,925	55,234	-49.4%	29,725	-6.1%
N ROCKIES PIPE SWAP	0	365	-100.0%	30	-100.0%
NY1% VS GC SPREAD SWAP	4,159	5,264	-21.0%	2,757	50.9%
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS	175	1,125	-84.4%	350	-50.0%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Futures</b>					
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
NY HARBOR HEAT OIL SWP	7,356	9,994	-26.4%	7,953	-7.5%
NY HARBOR LOW SULPUR GAS	515	1,135	-54.6%	690	-25.4%
NY HARBOR RESIDUAL FUEL 1	2,115	4,160	-49.2%	1,926	9.8%
NYH NO 2 CRACK SPREAD CAL	4,753	7,823	-39.2%	5,292	-10.2%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-
NYISO A	0	0	-	0	-
NYISO A OFF-PEAK	0	0	-	0	-
NYISO CAPACITY	2,242	3,154	-28.9%	2,594	-13.6%
NYISO G	0	0	-	0	-
NYISO G OFF-PEAK	0	0	-	0	-
NYISO J	0	1,041	-100.0%	0	-
NYISO J OFF-PEAK	0	210	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	37,038	110,790	-66.6%	42,750	-13.4%
NYISO ZONE A 5MW D AH PK	4,968	9,990	-50.3%	5,346	-7.1%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-
NYISO ZONE C 5MW D AH PK	0	110	-100.0%	0	-
NYISO ZONE G 5MW D AH O P	660,694	517,501	27.7%	656,750	0.6%
NYISO ZONE G 5MW D AH PK	30,261	26,012	16.3%	30,578	-1.0%
NYISO ZONE J 5MW D AH O P	203,841	288,821	-29.4%	214,041	-4.8%
NYISO ZONE J 5MW D AH PK	14,821	15,474	-4.2%	15,661	-5.4%
NY JET FUEL (PLATTS) HEAT OIL	0	0	-	0	-
NYMEX ALUMINUM FUTURES	576	730	-21.1%	576	0.0%
NYMEX ULSD VS NYMEX HO	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING	272	1,265	-78.5%	311	-12.5%
ONEOK OKLAHOMA NG BASIS	368	1,106	-66.7%	428	-14.0%
ONTARIO POWER SWAPS	0	25,740	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	9,171	28,458	-67.8%	9,901	-7.4%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-
PANHANDLE PIPE SWAP	1,182	864	36.8%	1,451	-18.5%
PERMIAN BASIS SWAP	7,022	15,567	-54.9%	7,442	-5.6%
PETROCHEMICALS	14,829	8,987	65.0%	14,812	0.1%
PETRO CRCKS & SPRDS ASIA	1,101	922	19.4%	1,136	-3.1%
PETRO CRCKS & SPRDS NA	103,887	76,030	36.6%	106,596	-2.5%
PETRO CRK&SPRD EURO	20,456	17,759	15.2%	21,433	-4.6%
PETROLEUM PRODUCTS	7,766	4,698	65.3%	10,461	-25.8%
PETROLEUM PRODUCTS ASIA	2,549	2,613	-2.4%	2,955	-13.7%
PETRO OUTRIGHT EURO	13,906	16,020	-13.2%	14,500	-4.1%
PETRO OUTRIGHT NA	9,222	13,393	-31.1%	7,953	16.0%
PJM AD HUB 5MW REAL TIME	288,967	610,418	-52.7%	301,201	-4.1%
PJM AECO DA OFF-PEAK	0	0	-	0	-
PJM AECO DA PEAK	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-
PJM APS ZONE DA PEAK	0	0	-	0	-
PJM ATSI ELEC	0	78,520	-100.0%	4,140	-100.0%
PJM BGE DA OFF-PEAK	5,538	32,760	-83.1%	8,282	-33.1%
PJM BGE DA PEAK	296	1,785	-83.4%	450	-34.2%
PJM COMED 5MW D AH O PK	13,845	37,245	-62.8%	15,805	-12.4%
PJM COMED 5MW D AH PK	740	2,015	-63.3%	850	-12.9%
PJM DAILY	728	1,054	-30.9%	1,096	-33.6%
PJM DAYTON DA OFF-PEAK	85,936	181,828	-52.7%	89,200	-3.7%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
PJM DAYTON DA PEAK	7,770	14,778	-47.4%	8,295	-6.3%
PJM JCPL DA OFF-PEAK	0	0	-	0	-
PJM JCPL DA PEAK	0	0	-	0	-
PJM MONTHLY	1,130	2,668	-57.6%	1,160	-2.6%
PJM NI HUB 5MW REAL TIME	429,743	1,263,373	-66.0%	483,068	-11.0%
PJM NILL DA OFF-PEAK	251,646	1,114,621	-77.4%	270,822	-7.1%
PJM NILL DA PEAK	15,756	53,072	-70.3%	16,911	-6.8%
PJM OFF-PEAK LMP SWAP FUT	286	790	-63.8%	328	-12.8%
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	23,400	117,000	-80.0%	31,240	-25.1%
PJM PSEG DA PEAK	0	5,100	-100.0%	440	-100.0%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-
PJM WESTH DA OFF-PEAK	291,043	695,302	-58.1%	310,219	-6.2%
PJM WESTHDA PEAK	15,776	41,711	-62.2%	16,763	-5.9%
PJM WESTH RT OFF-PEAK	1,447,230	2,630,382	-45.0%	1,519,278	-4.7%
PJM WESTH RT PEAK	97,198	149,835	-35.1%	102,994	-5.6%
PLASTICS	722	1,441	-49.9%	782	-7.7%
PREMIUM UNLND 10P FOB MED	450	115	291.3%	465	-3.2%
PREMIUM UNLEAD 10PPM FOB	75	20	275.0%	84	-10.7%
PREM UNL GAS 10PPM RDAM F	0	0	-	0	-
PREM UNL GAS 10PPM RDAM F	54	5	980.0%	54	0.0%
PROPANE NON-LDH MB (OPIS) B	525	311	68.8%	405	29.6%
PROPANE NON-LDH MT. BEL (OF	51,360	25,383	102.3%	47,839	7.4%
RBOB CALENDAR SWAP	14,413	10,821	33.2%	12,578	14.6%
RBOB CRACK SPREAD	6,599	1,648	300.4%	6,559	0.6%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GAS	83	1,678	-95.1%	1,379	-94.0%
RBOB GASOLINE BALMO CLNDR	1,005	619	62.4%	1,526	-34.1%
RBOB PHY	436,313	404,791	7.8%	480,931	-9.3%
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	0	19	-100.0%	0	-
RBOB UP-DOWN CALENDAR SW	0	0	-	0	-
RBOB VS HEATING OIL SWAP	1,240	2,848	-56.5%	1,550	-20.0%
ROCKIES KERN OPAL - NW IN	0	0	-	0	-
SAN JUAN BASIS SWAP	13,972	28,440	-50.9%	14,992	-6.8%
SAN JUAN PIPE SWAP	360	0	-	360	0.0%
SINGAPORE 180CST BALMO	40	60	-33.3%	105	-61.9%
SINGAPORE 380CST BALMO	200	116	72.4%	579	-65.5%
SINGAPORE 380CST FUEL OIL	13,574	12,636	7.4%	10,964	23.8%
SINGAPORE FUEL 180CST CAL	1,592	1,831	-13.1%	2,243	-29.0%
SINGAPORE FUEL OIL SPREAD	1,452	1,596	-9.0%	1,812	-19.9%
SINGAPORE GASOIL	10,648	10,732	-0.8%	11,792	-9.7%
SINGAPORE GASOIL CALENDAR	120	379	-68.3%	350	-65.7%
SINGAPORE GASOIL SWAP	7,785	17,975	-56.7%	7,280	6.9%
SINGAPORE GASOIL VS ICE	45,890	20,035	129.0%	47,435	-3.3%
SINGAPORE JET KERO BALMO	50	24	108.3%	0	-
SINGAPORE JET KERO GASOIL	10,640	6,090	74.7%	11,050	-3.7%
SINGAPORE JET KEROSENE SW	2,795	2,488	12.3%	1,835	52.3%
SINGAPORE JET KERO VS. GAS	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
SINGAPORE MOGAS 92 UNLEAD	200	0	-	350	-42.9%
SINGAPORE MOGAS 92 UNLEAD	16,192	13,320	21.6%	15,709	3.1%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	0	0	-	0	-
SING FUEL	15	0	-	10	50.0%
SOCAL PIPE SWAP	0	0	-	0	-
SONAT BASIS SWAP FUTURE	0	368	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	60	216	-72.2%	70	-14.3%
Sumas Basis Swap	4,139	8,754	-52.7%	4,259	-2.8%
SUMAS NAT GAS PLATTS FIXED	0	368	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	247	0	-	314	-21.3%
TC5 RAS TANURA TO YOKOHAM	25	0	-	80	-68.8%
TCO BASIS SWAP	6,591	21,082	-68.7%	6,951	-5.2%
TCO NG INDEX SWAP	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	2,849	0	-	1,943	46.6%
TENN 800 LEG NAT GAS INDE	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	0	246	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	0	246	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	0	850	-100.0%	0	-
TETCO M-3 INDEX	0	4,284	-100.0%	0	-
Tetco STX Basis	368	1,282	-71.3%	428	-14.0%
TEXAS EASTERN ZONE M-3 BA	4,143	15,199	-72.7%	4,443	-6.8%
TEXAS GAS ZONE1 NG BASIS	2,888	9,864	-70.7%	3,364	-14.1%
Transco Zone 3 Basis	1,656	5,611	-70.5%	1,926	-14.0%
TRANSCO ZONE 3 NG INDEX S	0	5,202	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	5,442	18,370	-70.4%	5,832	-6.7%
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	1,409	5,879	-76.0%	1,679	-16.1%
TRANSCO ZONE 6 INDEX	0	1,224	-100.0%	0	-
UCM FUT	0	152	-100.0%	0	-
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	8	66	-87.9%	16	-50.0%
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	4,390	1,690	159.8%	6,875	-36.1%
UP DOWN GC ULSD VS NMX HO	43,493	45,726	-4.9%	40,763	6.7%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-
WAHA BASIS	4,271	8,699	-50.9%	4,481	-4.7%
WAHA INDEX SWAP FUTURE	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	290	645	-55.0%	120	141.7%
WTI-BRENT BULLET SWAP	7,054	904	680.3%	6,704	5.2%
WTI-BRENT CALENDAR SWAP	129,674	37,091	249.6%	130,303	-0.5%
WTI CALENDAR	178,756	122,965	45.4%	183,671	-2.7%
WTS (ARGUS) VS WTI SWAP	58,863	49,875	18.0%	60,042	-2.0%
WTS (ARGUS) VS WTI TRD MT	3,528	1,280	175.6%	3,480	1.4%

### Energy Options

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Options</b>					
12 MO GASOIL CAL SWAP SPR	0	230	-100.0%	0	-
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-
BRENT 1 MONTH CAL	1,000	0	-	2,000	-50.0%
BRENT CALENDAR SWAP	6,191	11,706	-47.1%	3,498	77.0%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	157,658	0	-	210,610	-25.1%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-
BRENT OIL LAST DAY	306,228	85,968	256.2%	289,329	5.8%
COAL API2 INDEX	4,545	4,992	-9.0%	4,495	1.1%
COAL API4 INDEX	25	0	-	25	0.0%
COAL SWAP	135	335	-59.7%	270	-50.0%
CRUDE OIL 1MO	470,050	659,030	-28.7%	446,235	5.3%
CRUDE OIL APO	454,774	285,317	59.4%	475,009	-4.3%
CRUDE OIL CALNDR STRIP	170	0	-	170	0.0%
CRUDE OIL OUTRIGHTS	3,400	150	2,166.7%	4,120	-17.5%
CRUDE OIL PHY	2,941,114	2,985,317	-1.5%	2,914,108	0.9%
ELEC FINSETTLED	0	0	-	0	-
ELEC MISO PEAK	0	0	-	0	-
ETHANOL	150	300	-50.0%	150	0.0%
ETHANOL SWAP	16,985	12,740	33.3%	14,700	15.5%
EURO-DENOMINATED PETRO P	0	0	-	0	-
EUROPEAN JET KEROSENE NW	0	0	-	0	-
GASOLINE	0	0	-	0	-
HEATING OIL CRACK OPTIONS	0	100	-100.0%	0	-
HEATING OIL CRK SPD AVG PRI	0	0	-	0	-
HEATING OIL PHY	40,571	62,627	-35.2%	36,987	9.7%
HENRY HUB FINANCIAL LAST	5,406	9,549	-43.4%	5,672	-4.7%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
LLS CRUDE OIL	1,800	8,850	-79.7%	1,800	0.0%
MCCLOSKEY ARA ARGS COAL	375	1,400	-73.2%	345	8.7%
MCCLOSKEY RCH BAY COAL	1,150	0	-	1,150	0.0%
NATURAL GAS	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	14,991	124,650	-88.0%	5,950	151.9%
NATURAL GAS 2 M CSO FIN	1,000	2,150	-53.5%	0	-
NATURAL GAS 3 M CSO FIN	39,170	40,075	-2.3%	37,970	3.2%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	5,000	700	614.3%	3,200	56.2%
NATURAL GAS OPTION ON CALE	12,486	7,578	64.8%	12,286	1.6%
NATURAL GAS PHY	1,761,058	2,503,103	-29.6%	1,695,540	3.9%
NG HH 3 MONTH CAL	0	0	-	0	-
N ROCKIES PIPE SWAP	2,166	5,220	-58.5%	2,054	5.5%
NY HARBOR HEAT OIL SWP	17,827	28,284	-37.0%	19,105	-6.7%
NYISO ZONE G 5MW PEAK OPTI	0	10,710	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
PANHANDLE PIPE SWAP	2,880	2,880	0.0%	3,600	-20.0%
PETROCHEMICALS	3,933	6,356	-38.1%	3,620	8.6%
PETRO OUTRIGHT EURO	0	300	-100.0%	0	-
PETRO OUTRIGHT NA	42	0	-	48	-12.5%
PJM MONTHLY	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>Energy Options</b>					
PJM WES HUB PEAK CAL MTH	1,780	2,930	-39.2%	1,720	3.5%
PJM WES HUB PEAK LMP 50MW	8,298	16,590	-50.0%	9,037	-8.2%
RBOB 1MO CAL SPD OPTIONS	0	550	-100.0%	0	-
RBOB CALENDAR SWAP	525	1,560	-66.3%	650	-19.2%
RBOB PHY	10,837	26,784	-59.5%	11,836	-8.4%
ROTTERDAM 3.5%FUEL OIL CL	0	300	-100.0%	0	-
SAN JUAN PIPE SWAP	1,974	4,548	-56.6%	1,828	8.0%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	270	1,050	-74.3%	305	-11.5%
SINGAPORE GASOIL CALENDAR	0	175	-100.0%	0	-
SINGAPORE JET FUEL CALEND	0	370	-100.0%	0	-
SOCAL PIPE SWAP	0	0	-	0	-
WTI-BRENT BULLET SWAP	225,934	144,280	56.6%	233,480	-3.2%
WTI CRUDE OIL 1 M CSO FI	153,125	342,592	-55.3%	178,700	-14.3%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>FX Futures</b>					
AD/CD CROSS RATES	2	1	100.0%	3	-33.3%
AD/JY CROSS RATES	1,472	1,221	20.6%	711	107.0%
AD/NE CROSS RATES	22	14	57.1%	75	-70.7%
AUSTRALIAN DOLLAR	141,647	99,502	42.4%	149,861	-5.5%
BDI	0	6	-100.0%	0	-
BP/JY CROSS RATES	351	579	-39.4%	662	-47.0%
BP/SF CROSS RATES	38	25	52.0%	96	-60.4%
BRAZIL REAL	51,608	20,168	155.9%	52,926	-2.5%
BRITISH POUND	184,417	201,609	-8.5%	226,575	-18.6%
CANADIAN DOLLAR	161,883	141,955	14.0%	155,602	4.0%
CD/JY CROSS RATES	4	2	100.0%	57	-93.0%
CHINESE RENMINBI (CNH)	688	877	-21.6%	896	-23.2%
EC/AD CROSS RATES	1,578	1,473	7.1%	1,196	31.9%
EC/CD CROSS RATES	1,670	1,576	6.0%	1,543	8.2%
EC/NOK CROSS RATES	259	14	1,750.0%	213	21.6%
EC/SEK CROSS RATES	840	505	66.3%	859	-2.2%
EFX/BP CROSS RATES	33,519	33,749	-0.7%	36,678	-8.6%
EFX/JY CROSS RATES	27,027	26,873	0.6%	23,890	13.1%
EFX/SF CROSS RATES	8,344	11,065	-24.6%	8,506	-1.9%
E-MICRO AUD/USD	2,032	1,213	67.5%	3,925	-48.2%
E-MICRO CAD/USD	1,846	1,607	14.9%	2,298	-19.7%
E-MICRO CHF/USD	246	103	138.8%	349	-29.5%
E-MICRO EUR/USD	6,482	6,447	0.5%	15,931	-59.3%
E-MICRO GBP/USD	1,780	2,516	-29.3%	4,392	-59.5%
E-MICRO INR/USD	325	161	101.9%	560	-42.0%
E-MICRO JPY/USD	1,178	1,148	2.6%	3,325	-64.6%
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	12,632	15,124	-16.5%	13,899	-9.1%
E-MINI JAPANESE YEN	561	689	-18.6%	1,240	-54.8%
EURO FX	484,609	421,655	14.9%	557,258	-13.0%
HUNGARIAN FORINT (EC)	0	0	-	0	-
INDIAN RUPEE	1,234	1,056	16.9%	1,474	-16.3%
JAPANESE YEN	166,207	196,055	-15.2%	159,561	4.2%
KOREAN WON	335	25	1,240.0%	103	225.2%
MEXICAN PESO	144,154	210,323	-31.5%	187,316	-23.0%
NEW ZEALND DOLLAR	50,935	58,143	-12.4%	62,927	-19.1%
NKR/USD CROSS RATE	1,420	743	91.1%	1,604	-11.5%
POLISH ZLOTY (EC)	0	10	-100.0%	11	-100.0%
POLISH ZLOTY (US)	9	55	-83.6%	57	-84.2%
RMB USD	0	49	-100.0%	3	-100.0%
RUSSIAN RUBLE	20,119	34,543	-41.8%	26,719	-24.7%
S.AFRICAN RAND	6,655	28,343	-76.5%	12,031	-44.7%
SF/JY CROSS RATES	0	0	-	0	-
SHEKEL	0	0	-	774	-100.0%
SKR/USD CROSS RATES	1,721	1,565	10.0%	1,788	-3.7%
SWISS FRANC	95,328	38,839	145.4%	100,963	-5.6%
TURKISH LIRA	1,110	2,157	-48.5%	6,043	-81.6%
USDZAR	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>FX Options</b>					
AUD/USD PQO 2pm Fix	68,308	79,159	-13.7%	107,424	-36.4%
AUSTRALIAN DLR (EU)	0	0	-	0	-
AUSTRALIAN DOLLAR	0	0	-	0	-
BRITISH POUND	0	0	-	0	-
BRITISH POUND (EU)	102	304	-66.4%	180	-43.3%
CAD/USD PQO 2pm Fix	94,763	84,000	12.8%	94,877	-0.1%
CANADIAN DOLLAR	0	0	-	0	-
CANADIAN DOLLAR (EU)	0	3	-100.0%	50	-100.0%
CHF/USD PQO 2pm Fix	6,543	2,746	138.3%	6,694	-2.3%
EFX/JY CROSS RATES	0	0	-	0	-
EURO FX	0	0	-	0	-
EURO FX (EU)	14	84	-83.3%	17	-17.6%
EUR/USD PQO 2pm Fix	321,342	261,786	22.7%	399,940	-19.7%
GBP/USD PQO 2pm Fix	131,964	149,104	-11.5%	141,766	-6.9%
JAPANESE YEN	0	0	-	0	-
JAPANESE YEN (EU)	0	3	-100.0%	0	-
JPY/USD PQO 2pm Fix	115,592	136,996	-15.6%	146,547	-21.1%
MEXICAN PESO	2,887	1,628	77.3%	5,505	-47.6%
RUSSIAN RUBLE	0	0	-	0	-
SWISS FRANC	0	0	-	0	-
SWISS FRANC (EU)	0	8	-100.0%	0	-
<b>Foreign Exchange Futures</b>					
CHILEAN PESO	340	2,736	-87.6%	498	-31.7%
<b>Foreign Exchange Options</b>					
AUD/USD PQO 2pm Fix	1	0	-	0	-
<b>Ags Futures</b>					
FERTILIZER PRODUCS	1,510	50	2,920.0%	1,490	1.3%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Ag Products Futures</b>					
BUTTER CS	7,718	5,237	47.4%	6,995	10.3%
CASH-SETTLED CHEESE	26,376	21,372	23.4%	24,964	5.7%
CAT EURO SEASONAL STRIP	0	0	-	0	-
CATTLE	325,351	378,184	-14.0%	345,105	-5.7%
CDD SEASONAL STRIP	600	1,100	-45.5%	50	1,100.0%
CDD WEATHER	0	20,350	-100.0%	50	-100.0%
CHI WHEAT	472,611	407,065	16.1%	554,998	-14.8%
CLASS IV MILK	1,570	3,324	-52.8%	1,641	-4.3%
COCOA TAS	0	1	-100.0%	1	-100.0%
COFFEE	0	0	-	0	-
CORN	1,840,933	1,324,743	39.0%	1,963,220	-6.2%
COTTON	0	2	-100.0%	0	-
DJ_UBS ROLL SELECT INDEX FU	2,951	1,070	175.8%	2,951	0.0%
DOW-UBS COMMOD INDEX	55,518	47,115	17.8%	78,085	-28.9%
DRY WHEY	4,079	4,202	-2.9%	3,721	9.6%
FEEDER CATTLE	46,718	57,300	-18.5%	43,053	8.5%
FERTILIZER PRODUCTS	3,815	3,020	26.3%	3,250	17.4%
GOLDMAN SACHS	15,113	14,874	1.6%	15,262	-1.0%
GSCI EXCESS RETURN FUT	55,372	52,062	6.4%	58,318	-5.1%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	231,537	264,411	-12.4%	238,522	-2.9%
HOUSING INDEX	39	51	-23.5%	34	14.7%
Intercommodity Spread	0	0	-	0	-
KC WHEAT	248,658	258,297	-3.7%	301,124	-17.4%
LUMBER	6,147	3,984	54.3%	6,605	-6.9%
MALAYSIAN PALM SWAP	22,300	28,950	-23.0%	16,328	36.6%
MILK	23,911	26,457	-9.6%	24,568	-2.7%
MINI CORN	12,718	5,236	142.9%	14,279	-10.9%
MINI SOYBEAN	26,397	16,216	62.8%	32,156	-17.9%
MINI WHEAT	1,696	1,940	-12.6%	2,851	-40.5%
MLK MID OPTIONS	0	12	-100.0%	8	-100.0%
NFD MILK	6,851	5,946	15.2%	7,188	-4.7%
OATS	4,792	6,482	-26.1%	5,098	-6.0%
PALM OIL	0	0	-	0	-
ROUGH RICE	7,453	9,917	-24.8%	8,961	-16.8%
SOYBEAN	806,184	658,869	22.4%	903,491	-10.8%
SOYBEAN MEAL	504,119	372,071	35.5%	529,191	-4.7%
SOYBEAN OIL	490,024	368,798	32.9%	516,356	-5.1%
S&P GSCI ENHANCED ER SWAP	3,851	17,033	-77.4%	3,762	2.4%
SUGAR 11	58	2	2,800.0%	58	0.0%
USD CRUDE PALM OIL	4,600	1,248	268.6%	5,160	-10.9%
WHEAT	24,180	1,010	2,294.1%	20,350	18.8%
<b>Ag Products Options</b>					
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-
AUG-NOV SOYBEAN CAL SPRD	0	53	-100.0%	0	-

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<b>Ag Products Options</b>					
BUTTER CS	15,988	5,168	209.4%	12,161	31.5%
CASH-SETTLED CHEESE	40,844	29,111	40.3%	33,707	21.2%
CATTLE	184,050	198,107	-7.1%	226,608	-18.8%
CDD SEASONAL STRIP	700	2,800	-75.0%	600	16.7%
CDD WEATHER	0	40,000	-100.0%	0	-
CHI WHEAT	353,773	303,358	16.6%	444,836	-20.5%
CLASS IV MILK	3,913	6,845	-42.8%	3,619	8.1%
CORN	1,807,412	1,359,754	32.9%	1,805,853	0.1%
CORN NEARBY+2 CAL SPRD	6,178	3,685	67.7%	6,528	-5.4%
DEC-DEC CORN CAL SPRD	3,128	5,570	-43.8%	4,342	-28.0%
DEC-JULY CORN CAL SPRD	3,160	14,390	-78.0%	1,500	110.7%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
DRY WHEY	3,280	1,222	168.4%	2,191	49.7%
FEEDER CATTLE	30,206	43,170	-30.0%	25,500	18.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	156,513	181,186	-13.6%	161,317	-3.0%
HOUSING INDEX	2	0	-	2	0.0%
Intercommodity Spread	900	0	-	3,868	-76.7%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	0	0	-	5,956	-100.0%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	1,250	-100.0%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	0	0	-	13,372	-100.0%
KC WHEAT	47,030	43,774	7.4%	79,185	-40.6%
LUMBER	1,222	709	72.4%	1,953	-37.4%
LV CATL CSO	38	340	-88.8%	93	-59.1%
MAR-JULY CORN CAL SPRD	0	0	-	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	85,465	75,051	13.9%	68,606	24.6%
MLK MID OPTIONS	350	487	-28.1%	337	3.9%
NFD MILK	18,117	9,309	94.6%	14,451	25.4%
NOV-JULY SOYBEAN CAL SPRD	0	625	-100.0%	0	-
NOV-MAR SOYBEAN CSO	70	0	-	70	0.0%
NOV-NOV SOYBEAN CAL SPRD	5	73	-93.2%	5	0.0%
OATS	585	2,482	-76.4%	725	-19.3%
ROUGH RICE	1,307	2,735	-52.2%	1,873	-30.2%
SEP-DEC SOYBEAN MEAL CSO	716	0	-	400	79.0%
SOYBEAN	699,928	660,002	6.0%	776,476	-9.9%
SOYBEAN CRUSH	47	250	-81.2%	109	-56.9%
SOYBEAN MEAL	184,926	120,521	53.4%	224,452	-17.6%
SOYBEAN OIL	72,730	86,189	-15.6%	82,509	-11.9%
SOYBN NEARBY+2 CAL SPRD	10	1,110	-99.1%	0	-
SOYMEAL NEARBY+2 CAL SPRD	100	0	-	0	-
WHEAT	0	100	-100.0%	0	-
WHEAT-CORN ICSCO	300	800	-62.5%	900	-66.7%
WHEAT NEARBY+2 CAL SPRD	1,215	275	341.8%	3,700	-67.2%

**\*\*\* 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 JUN 2018	Open Interest JUN 2017	% CHG	Open Interest MAY 2018	% CHG
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	27,596,762	24,217,761	14.0%	29,389,983	-6.1%
Equity Index Futures	4,192,597	3,760,376	11.5%	4,880,512	-14.1%
Metals Futures	1,186,521	1,139,059	4.2%	1,170,298	1.4%
Energy Futures	14,256,806	18,865,313	-24.4%	14,882,293	-4.2%
FX Futures	1,616,287	1,563,783	3.4%	1,824,900	-11.4%
Foreign Exchange Futures	340	2,736	-87.6%	498	-31.7%
Ags Futures	1,510	50	2,920.0%	1,490	1.3%
Ag Products Futures	5,284,240	4,387,951	20.4%	5,737,754	-7.9%
<b>TOTAL FUTURES</b>	<b>54,135,063</b>	<b>53,937,029</b>	<b>0.4%</b>	<b>57,887,728</b>	<b>-6.5%</b>
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	44,471,307	42,322,702	5.1%	50,535,542	-12.0%
Equity Index Options	3,861,881	4,001,621	-3.5%	4,332,002	-10.9%
Metals Options	1,418,496	1,094,767	29.6%	1,321,955	7.3%
Energy Options	6,675,023	7,402,346	-9.8%	6,631,602	0.7%
FX Options	741,515	715,821	3.6%	903,000	-17.9%
Foreign Exchange Options	1	0	-	0	-
Ag Products Options	3,724,208	3,199,251	16.4%	4,009,054	-7.1%
<b>TOTAL OPTIONS</b>	<b>60,892,431</b>	<b>58,736,508</b>	<b>3.7%</b>	<b>67,733,155</b>	<b>-10.1%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	72,068,069	66,540,463	8.3%	79,925,525	-9.8%
Equity Index	8,054,478	7,761,997	3.8%	9,212,514	-12.6%
Metals	2,605,017	2,233,826	16.6%	2,492,253	4.5%
Energy	20,931,829	26,267,659	-20.3%	21,513,895	-2.7%
FX	2,357,802	2,279,604	3.4%	2,727,900	-13.6%
Foreign Exchange	341	2,736	-87.5%	498	-31.5%
Ags	1,510	50	2,920.0%	1,490	1.3%
Ag Products	9,008,448	7,587,202	18.7%	9,746,808	-7.6%
<b>GRAND TOTAL</b>	<b>115,027,494</b>	<b>112,673,537</b>	<b>2.1%</b>	<b>125,620,883</b>	<b>-8.4%</b>

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