

## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG
<b>Interest Rate Futures</b>					
10-YR NOTE	3,682,279	3,232,315	13.9%	3,710,227	-0.8%
10-YR SWAP RATE	33,285	30,041	10.8%	29,348	13.4%
1-MONTH EURODOLLAR	8,226	11,703	-29.7%	3,401	141.9%
2-YR NOTE	1,912,157	1,325,181	44.3%	2,014,148	-5.1%
2-YR SWAP RATE	0	0	-	0	-
30-YR BOND	853,234	739,056	15.4%	830,559	2.7%
30-YR SWAP RATE	124	1,280	-90.3%	130	-4.6%
5-YR NOTE	3,734,670	3,316,672	12.6%	3,700,538	0.9%
5-YR SWAP RATE	19,528	25,903	-24.6%	18,225	7.1%
7-YR SWAP	0	0	-	0	-
EURODOLLARS	15,474,424	14,165,393	9.2%	16,624,457	-6.9%
FED FUND	2,074,987	1,742,500	19.1%	2,484,498	-16.5%
SOFR	10,673	0	-	0	-
Ultra 10-Year Note	534,821	373,193	43.3%	536,656	-0.3%
ULTRA T-BOND	1,051,575	774,931	35.7%	985,089	6.7%
<b>Interest Rate Options</b>					
10-YR NOTE	3,117,779	2,218,974	40.5%	3,182,290	-2.0%
2-YR NOTE	434,187	32,753	1,225.6%	402,411	7.9%
30-YR BOND	851,766	474,916	79.4%	851,883	0.0%
5-YR NOTE	1,619,762	886,134	82.8%	1,409,355	14.9%
EURODOLLARS	25,754,073	26,767,528	-3.8%	26,686,907	-3.5%
EURO MIDCURVE	18,738,620	18,604,996	0.7%	18,439,683	1.6%
FED FUND	4,791	2,151	122.7%	4,176	14.7%
Ultra 10-Year Note	0	0	-	0	-
ULTRA T-BOND	14,564	280	5,101.4%	14,156	2.9%

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<b>Equity Index Futures</b>					
BITCOIN FUTURES	2,827	0	-	2,220	27.3%
DJ US REAL ESTATE	22,794	14,936	52.6%	21,757	4.8%
E-mini (\$5) Dow	101,305	120,532	-16.0%	104,311	-2.9%
E-mini FTSE 100 (USD)	3	0	-	0	0.0%
E-mini FTSE China 50	132	147	-10.2%	119	10.9%
E-MINI MIDCAP	83,889	91,440	-8.3%	76,635	9.5%
E-MINI NASDAQ 100	248,465	287,105	-13.5%	238,355	4.2%
E-MINI RUSSELL 1000	9,847	263	3,644.1%	9,280	6.1%
E-MINI RUSSELL 1000 GROWTH	3,744	271	1,281.5%	3,876	-3.4%
E-MINI RUSSELL 1000 VALUE	6,595	823	701.3%	8,490	-22.3%
E-MINI RUSSELL 2000	554,847	0	-	510,287	8.7%
E-MINI S&P500	3,239,488	3,084,653	5.0%	2,995,032	8.2%
E-MINI S&P REAL ESTATE SELE	6,052	2,822	114.5%	6,558	-7.7%
FT-SE 100	116	99	17.2%	127	-8.7%
FTSE Emerging	5	0	0.0%	5	0.0%
IBOVESPA INDEX	423	173	144.5%	486	-13.0%
NASDAQ BIOTECH	965	324	197.8%	964	0.1%
NIFTY 50	1,246	874	42.6%	1,004	24.1%
NIKKEI 225 (\$) STOCK	43,914	39,602	10.9%	44,314	-0.9%
NIKKEI 225 (YEN) STOCK	61,045	78,879	-22.6%	66,295	-7.9%
S&P 500	233,018	111,054	109.8%	181,457	28.4%
S&P 500/GI	13	20	-35.0%	13	0.0%
S&P 500/VALUE	111,503	66,928	66.6%	107,842	3.4%
S&P CONSUMER DSCRTNRY SE	7,233	3,684	96.3%	6,584	9.9%
S&P CONSUMER STAPLES SECT	24,442	11,951	104.5%	26,842	-8.9%
S&P ENERGY SECTOR	27,512	5,037	446.2%	19,810	38.9%
S&P FINANCIAL SECTOR	32,270	16,330	97.6%	31,939	1.0%
S&P HEALTH CARE SECTOR	7,986	11,247	-29.0%	7,282	9.7%
S&P INDUSTRIAL SECTOR	6,635	4,569	45.2%	5,847	13.5%
S&P MATERIALS SECTOR	5,065	3,908	29.6%	3,322	52.5%
S&P TECHNOLOGY SECTOR	10,107	6,452	56.6%	12,542	-19.4%
S&P UTILITIES SECTOR	26,892	19,105	40.8%	29,027	-7.4%
YEN DENOMINATED TOPIX	134	0	-	90	48.9%

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<b>Equity Index Options</b>					
E-mini (\$5) Dow	10,820	7,182	50.7%	9,865	9.7%
E-MINI MIDCAP	0	0	-	0	-
E-MINI NASDAQ 100	75,750	58,015	30.6%	70,865	6.9%
E-MINI RUSSELL 2000	15,653	0	-	9,932	57.6%
E-MINI S&P500	2,362,845	2,050,693	15.2%	2,119,276	11.5%
EOM E-MINI RUSSELL 2000 END	3,596	0	-	1,752	105.3%
EOM EMINI S&P	556,107	746,548	-25.5%	482,360	15.3%
EOM S&P 500	25,264	39,377	-35.8%	19,662	28.5%
EOW1 E-MINI RUSSELL 2000 WE	629	0	-	1,049	-40.0%
EOW1 E-MINI RUSSELL 2000 WE	2,447	0	-	1,142	114.3%
EOW1 EMINI S&P 500	284,876	368,062	-22.6%	214,151	33.0%
EOW1 S&P 500	63,990	68,930	-7.2%	24,425	162.0%
EOW2 E-MINI RUSSELL 2000 WE	3,467	0	-	798	334.5%
EOW2 EMINI S&P 500	136,629	153,239	-10.8%	140,342	-2.6%
EOW2 S&P 500	12,511	20,256	-38.2%	7,060	77.2%
EOW3 E-MINI RUSSELL 2000 WE	7,133	0	-	14,093	-49.4%
EOW3 EMINI S&P 500	505,057	571,761	-11.7%	875,229	-42.3%
EOW3 S&P 500	43,464	94,570	-54.0%	109,190	-60.2%
EOW4 E-MINI RUSSELL 2000 WE	253	0	-	37	583.8%
EOW4 EMINI S&P 500	74,262	64,200	15.7%	50,339	47.5%
S&P 500	147,249	211,269	-30.3%	104,180	41.3%
<b>Metals Futures</b>					
ALUMINUM	71,734	60,991	17.6%	71,928	-0.3%
COMEX COPPER	263,968	250,589	5.3%	240,018	10.0%
COMEX E-Mini GOLD	672	498	34.9%	676	-0.6%
COMEX E-Mini SILVER	214	129	65.9%	185	15.7%
COMEX GOLD	460,979	443,694	3.9%	506,226	-8.9%
COMEX MINY COPPER	70	164	-57.3%	65	7.7%
COMEX SILVER	210,701	204,633	3.0%	193,851	8.7%
COPPER	13,972	1,312	964.9%	15,003	-6.9%
E-MICRO GOLD	9,477	5,299	78.8%	8,307	14.1%
FERROUS PRODUCTS	3,858	190	1,930.5%	3,884	-0.7%
GOLD	0	0	-	0	-
Gold Kilo	0	11	-100.0%	0	-
IRON ORE 62 CHINA PLATTS FU	740	1,302	-43.2%	880	-15.9%
IRON ORE 62 CHINA TSI FUTURE	10,934	19,750	-44.6%	9,789	11.7%
LNDN ZINC	6	20	-70.0%	3	100.0%
METALS	0	0	-	0	-
NYMEX HOT ROLLED STEEL	15,997	14,502	10.3%	13,277	20.5%
NYMEX PLATINUM	81,436	69,007	18.0%	79,917	1.9%
PALLADIUM	21,468	30,760	-30.2%	23,561	-8.9%
SILVER	1,408	710	98.3%	1,433	-1.7%
URANIUM	2,664	4,931	-46.0%	2,764	-3.6%

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<b>Metals Options</b>					
COMEX COPPER	21,482	4,000	437.1%	14,044	53.0%
COMEX GOLD	1,093,235	923,347	18.4%	1,112,179	-1.7%
COMEX SILVER	191,463	116,395	64.5%	175,093	9.3%
COPPER	0	0	-	0	-
GOLD	7,648	3,249	135.4%	3,989	91.7%
HOT ROLLED COIL STEEL CALL	700	0	-	800	-12.5%
IRON ORE 62 CHINA TSI CALL O	1,838	12,351	-85.1%	2,121	-13.3%
IRON ORE 62 CHINA TSI PUT OP	600	6,640	-91.0%	660	-9.1%
NYMEX PLATINUM	2,748	5,350	-48.6%	1,790	53.5%
PALLADIUM	2,101	3,784	-44.5%	4,037	-48.0%
SILVER	140	281	-50.2%	130	7.7%
<b>Energy Futures</b>					
3.5% FUEL OIL CID MED SWA	321	550	-41.6%	305	5.2%
3.5% FUEL OIL CIF BALMO S	5	0	-	90	-94.4%
AEP-DAYTON HUB DAILY	92	148	-37.8%	92	0.0%
AEP-DAYTON HUB MTHLY	0	560	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	0	400	-100.0%	0	-
ALGON CITY GATES NAT GAS	0	1,472	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	0	1,434	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	0	0	-	0	-
ANR OKLAHOMA	1,128	2,835	-60.2%	1,283	-12.1%
APPALACHIAN COAL (PHY)	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	49,286	11,292	336.5%	46,899	5.1%
ARGUS PROPAN FAR EST INDE	5,317	1,335	298.3%	5,362	-0.8%
ARGUS PROPAN(SAUDI ARAMC	1,855	713	160.2%	2,056	-9.8%
AUSTRIALIAN COKE COAL	240	726	-66.9%	264	-9.1%
BRENT BALMO SWAP	0	0	-	0	-
BRENT CALENDAR SWAP	20,033	16,304	22.9%	13,297	50.7%
BRENT CFD SWAP	0	0	-	0	-
BRENT FINANCIAL FUTURES	3,798	13,332	-71.5%	3,394	11.9%
BRENT OIL LAST DAY	227,528	132,727	71.4%	218,199	4.3%
CAISO SP15 EZGNHUB5 MW P	0	3,850	-100.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	0	1,850	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	42	4,539	-99.1%	49	-14.3%
CENTERPOINT BASIS SWAP	6,357	14,867	-57.2%	6,919	-8.1%
CENTERPOINT EAST INDEX	0	0	-	0	-
CEU ENERGY	399	0	-	374	6.7%
CHICAGO ETHANOL SWAP	57,005	49,360	15.5%	61,674	-7.6%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	847	1,400	-39.5%	730	16.0%
CHICAGO UNL GAS PL VS RBO	525	24	2,087.5%	525	0.0%
CIG BASIS	16,328	38,010	-57.0%	17,778	-8.2%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	80	124	-35.5%	90	-11.1%
CINERGY HUB PEAK MONTH	192	288	-33.3%	216	-11.1%
CIN HUB 5MW D AH O PK	83,440	342,600	-75.6%	96,880	-13.9%
CIN HUB 5MW D AH PK	7,206	17,522	-58.9%	7,276	-1.0%
CIN HUB 5MW REAL TIME O P	343,464	590,344	-41.8%	370,904	-7.4%

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<b>Energy Futures</b>					
CIN HUB 5MW REAL TIME PK	29,383	48,051	-38.9%	31,209	-5.9%
COAL SWAP	105	305	-65.6%	160	-34.4%
COLUMB GULF MAINLINE NG B	2,326	12,915	-82.0%	2,662	-12.6%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
COLUMBIA GULF ONSHORE	0	10,058	-100.0%	0	-
CONWAY NATURAL GASOLINE (	1,173	863	35.9%	764	53.5%
CONWAY NORMAL BUTANE (OPI	843	4,167	-79.8%	713	18.2%
CONWAY PROPANE 5 DECIMALS	22,829	16,078	42.0%	22,097	3.3%
CRUDE OIL	19,272	19,644	-1.9%	16,872	14.2%
CRUDE OIL OUTRIGHTS	144,431	44,538	224.3%	132,229	9.2%
CRUDE OIL PHY	2,644,087	2,218,532	19.2%	2,646,565	-0.1%
CRUDE OIL SPRDS	181,781	27,178	568.9%	170,766	6.5%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	167,699	321,342	-47.8%	200,090	-16.2%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
DATED TO FRONTLINE BRENT	5,745	9,430	-39.1%	6,460	-11.1%
DEMARX INDEX FUTURE	0	0	-	0	-
DEMARX 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	1,960	2,920	-32.9%	2,200	-10.9%
DOMINION TRANSMISSION INC	21,403	53,558	-60.0%	22,641	-5.5%
DUBAI CRUDE OIL BALMO	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	3,287	15,795	-79.2%	2,469	33.1%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	240	1,125	-78.7%	225	6.7%
EAST/WEST FUEL OIL SPREAD	117	894	-86.9%	137	-14.6%
EIA FLAT TAX ONHWAY DIESE	1,828	4,728	-61.3%	1,872	-2.4%
ELEC ERCOT DLY OFF PK	6,000	0	-	0	-
ELEC ERCOT DLY PEAK	180	0	-	360	-50.0%
ELEC ERCOT OFF PEAK	0	0	-	19,600	-100.0%
ELEC FINSETTLED	1,364	2,384	-42.8%	1,406	-3.0%
ELEC MISO PEAK	2,550	895	184.9%	2,865	-11.0%
ELEC NYISO OFF-PEAK	47,415	12,644	275.0%	53,175	-10.8%
ELECTRICITY ERCOT PEAK	0	0	-	0	-
ELECTRICITY OFF PEAK	25,026	43,869	-43.0%	25,794	-3.0%
ELEC WEST POWER OFF-PEAK	0	1,550	-100.0%	0	-
ELEC WEST POWER PEAK	0	0	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	420	423.8%	2,200	0.0%
ERCOT NORTH ZMCPE 5MW OF	6,000	0	-	0	-
ERCOT NORTH ZMCPE 5MW OF	110,880	14,720	653.3%	130,480	-15.0%
ERCOT NORTH ZMCPE 5MW PE	6,300	420	1,400.0%	6,960	-9.5%
ETHANOL	2,110	3,278	-35.6%	1,867	13.0%
ETHANOL FWD	0	171	-100.0%	0	-
ETHANOL SWAP	10	0	-	10	0.0%
ETHANOL T2 FOB ROTT INCL DU	5,002	3,778	32.4%	5,111	-2.1%
EURO 1% FUEL OIL NEW BALM	15	8	87.5%	0	-
EURO 3.5% FUEL OIL RDAM B	860	633	35.9%	657	30.9%

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<b>Energy Futures</b>					
EURO 3.5% FUEL OIL SPREAD	326	1,731	-81.2%	340	-4.1%
EURO-DENOMINATED PETRO P	0	60	-100.0%	0	-
EURO GASOIL 10 CAL SWAP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	352	235	49.8%	385	-8.6%
EUROPE 1% FUEL OIL NWE CA	230	206	11.7%	261	-11.9%
EUROPE 1% FUEL OIL RDAM C	3	16	-81.3%	0	-
EUROPE 3.5% FUEL OIL MED	365	594	-38.6%	435	-16.1%
EUROPE 3.5% FUEL OIL RDAM	14,764	11,099	33.0%	13,926	6.0%
EUROPEAN GASOIL (ICE)	152	1,973	-92.3%	193	-21.2%
EUROPEAN NAPHTHA BALMO	231	288	-19.8%	203	13.8%
EUROPEAN NAPHTHA CRACK SP	14,716	11,788	24.8%	14,205	3.6%
EUROPE DATED BRENT SWAP	225	8	2,712.5%	300	-25.0%
EUROPE JET KERO NWE CALSW	30	60	-50.0%	36	-16.7%
EUROPE NAPHTHA CALSWAP	2,501	2,758	-9.3%	2,964	-15.6%
EURO PROPANE CIF ARA SWA	1,688	1,158	45.8%	1,721	-1.9%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-
FREIGHT MARKETS	2,261	830	172.4%	1,857	21.8%
FUEL OIL CRACK VS ICE	15,163	21,825	-30.5%	16,912	-10.3%
FUEL OIL NWE CRACK VS ICE	171	0	-	171	0.0%
FUEL OIL (PLATS) CAR CM	112	42	166.7%	126	-11.1%
FUEL OIL (PLATS) CAR CN	72	0	-	72	0.0%
FUELOIL SWAP:CARGOES VS.B	804	1,015	-20.8%	838	-4.1%
GAS EURO-BOB OXY NWE BARG	6,940	6,436	7.8%	6,543	6.1%
GAS EURO-BOB OXY NWE BARG	36,191	32,736	10.6%	37,611	-3.8%
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	40	-75.0%	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	146	130	12.3%	168	-13.1%
GASOIL 0.1 ROTTERDAM BARG	365	20	1,725.0%	220	65.9%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	379	860	-55.9%	426	-11.0%
GASOIL BULLET SWAP	0	0	-	0	-
GASOIL CALENDAR SWAP	34	75	-54.7%	12	183.3%
GASOIL CRACK SPREAD CALEN	23,039	21,434	7.5%	25,326	-9.0%
GASOIL MINI CALENDAR SWAP	609	413	47.5%	628	-3.0%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	139	200	-30.5%	112	24.1%
GROUP THREE UNLEAD GAS (P	425	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	10,739	7,879	36.3%	10,755	-0.1%
GRP THREE UNL GS (PLT) VS	4,047	3,430	18.0%	4,842	-16.4%
GULF COAST 3% FUEL OIL BA	2,119	1,208	75.4%	947	123.8%
GULF COAST GASOLINE CLNDR	0	0	-	0	-
GULF COAST JET FUEL CLNDR	838	989	-15.3%	891	-5.9%
GULF COAST JET VS NYM 2 H	33,329	34,519	-3.4%	36,761	-9.3%
GULF COAST NO.6 FUEL OIL	70,173	51,650	35.9%	64,399	9.0%
GULF COAST ULSD CALENDAR	1,201	3,523	-65.9%	1,183	1.5%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
GULF COAST ULSD CRACK SPR	995	2,628	-62.1%	1,045	-4.8%
HEATING OIL BALMO CLNDR S	0	210	-100.0%	0	-
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	415,713	380,704	9.2%	432,978	-4.0%
HENRY HUB BASIS SWAP	2,080	37,010	-94.4%	3,568	-41.7%
HENRY HUB FINANCIAL LAST	43	0	-	28	53.6%
HENRY HUB INDEX SWAP FUTU	2,712	30,066	-91.0%	3,312	-18.1%
HENRY HUB SWAP	1,112,596	1,258,976	-11.6%	1,110,290	0.2%
HENRY HUB SWING FUTURE	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	14,993	22,682	-33.9%	15,551	-3.6%
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-
HTG OIL	222	246	-9.8%	241	-7.9%
HUSTN SHIP CHNL PIPE SWP	0	1,459	-100.0%	0	-
ICE BRENT DUBAI SWAP	45,879	46,167	-0.6%	43,956	4.4%
ICE GASOIL BALMO SWAP	0	0	-	0	-
IN DELIVERY MONTH EUA	3,698	10,598	-65.1%	3,698	0.0%
INDIANA MISO	27,557	34,677	-20.5%	25,144	9.6%
INDONESIAN COAL	0	0	-	0	-
INDONESIAN COAL ICI4	50	0	-	150	-66.7%
ISO NEW ENGLAND OFF-PEAK	0	112	-100.0%	0	-
ISO NEW ENGLAND PK LMP	0	136	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	924	1,522	-39.3%	1,060	-12.8%
JAPAN C&F NAPHTHA SWAP	2,754	2,387	15.4%	2,329	18.2%
JAPAN NAPHTHA BALMO SWAP	47	360	-86.9%	31	51.6%
JET AV FUEL (P) CAR FM ICE GA	16	20	-20.0%	18	-11.1%
JET BARGES VS ICE GASOIL	0	0	-	0	-
JET CIF NWE VS ICE	535	481	11.2%	575	-7.0%
JET FUEL BRG FOB RDM VS I	0	5	-100.0%	0	-
JET FUEL CRG CIF NEW VS I	0	10	-100.0%	0	-
JET FUEL UP-DOWN BALMO CL	3,250	7,220	-55.0%	3,685	-11.8%
LA CARB DIESEL (OPIS)	0	26	-100.0%	0	-
LA CARB DIESEL (OPIS) SWA	575	360	59.7%	375	53.3%
LA CARBOB GASOLINE(OPIS)S	1,150	425	170.6%	1,450	-20.7%
LA JET FUEL VS NYM NO 2 H	0	0	-	0	-
LA JET (OPIS) SWAP	2,735	2,815	-2.8%	2,740	-0.2%
LLS (ARGUS) VS WTI SWAP	34,910	25,061	39.3%	26,043	34.0%
LTD NAT GAS	393,983	402,859	-2.2%	368,486	6.9%
MARS (ARGUS) VS WTI SWAP	11,545	9,989	15.6%	10,500	10.0%
MARS (ARGUS) VS WTI TRD M	27,905	20,545	35.8%	28,785	-3.1%
MARS BLEND CRUDE OIL	200	2,366	-91.5%	200	0.0%
MCCLOSKEY ARA ARGS COAL	39,233	69,664	-43.7%	42,777	-8.3%
MCCLOSKEY RCH BAY COAL	4,125	11,798	-65.0%	4,947	-16.6%
MGF FUT	35	34	2.9%	50	-30.0%
MGN1 SWAP FUT	441	514	-14.2%	446	-1.1%
MICHCON NG INDEX SWAP	0	0	-	0	-
MICHIGAN BASIS	3,802	9,577	-60.3%	4,025	-5.5%
MICHIGAN MISO	23,310	161,420	-85.6%	26,145	-10.8%
MINI GAS EUROBOB OXY NWE A	294	593	-50.4%	502	-41.4%
MINI RBOB V. EBOBARG NWE BF	310	943	-67.1%	862	-64.0%
MINI RBOB V. EBOB(ARGUS) NW	2,692	3,958	-32.0%	2,623	2.6%
MINY HTG OIL	0	0	-	1	-100.0%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
MINY NATURAL GAS	1,019	1,898	-46.3%	1,103	-7.6%
MINY RBOB GAS	0	0	-	0	-
MINY WTI CRUDE OIL	5,116	5,531	-7.5%	4,499	13.7%
MJC FUT	555	255	117.6%	615	-9.8%
MNC FUT	5,274	4,949	6.6%	4,962	6.3%
MONT BELVIEU ETHANE 5 DECI	45,202	79,548	-43.2%	46,565	-2.9%
MONT BELVIEU ETHANE OPIS B	125	247	-49.4%	90	38.9%
MONT BELVIEU LDH PROPANE 5	128,901	109,668	17.5%	119,272	8.1%
MONT BELVIEU LDH PROPANE C	1,645	1,110	48.2%	1,933	-14.9%
MONT BELVIEU NATURAL GASO	20,211	10,723	88.5%	20,066	0.7%
MONT BELVIEU NATURAL GASO	336	50	572.0%	203	65.5%
MONT BELVIEU NORMAL BUTAN	38,893	40,814	-4.7%	35,761	8.8%
MONT BELVIEU NORMAL BUTAN	661	378	74.9%	775	-14.7%
NAT GAS BASIS SWAP	4,267	10,513	-59.4%	4,515	-5.5%
NATURAL GAS	83,815	131,886	-36.4%	81,599	2.7%
NATURAL GAS FIXED PRICE SW	0	720	-100.0%	0	-
NATURAL GAS INDEX	0	736	-100.0%	0	-
NATURAL GAS PEN SWP	170,783	235,078	-27.4%	150,664	13.4%
NATURAL GAS PHY	1,534,433	1,530,334	0.3%	1,442,242	6.4%
NEPOOL CNCTCT 5MW D AH O	0	3,161	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	0	170	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	506,604	660,373	-23.3%	511,428	-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	850	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	0	15,805	-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	6,322	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	0	340	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	1,888	957	97.3%	1,947	-3.0%
NEW YORK ETHANOL SWAP	2,265	815	177.9%	2,985	-24.1%
NEW YORK HUB ZONE G PEAK	2,304	1,001	130.2%	2,376	-3.0%
NEW YORK HUB ZONE J PEAK	850	693	22.7%	660	28.8%
NGPL MID-CONTINENT	18,852	27,876	-32.4%	19,813	-4.9%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
NGPL MIDCONTINENT SWING S	0	0	-	0	-
NGPL TEX/OK	26,399	31,825	-17.0%	29,320	-10.0%
NGPL TEXOK INDEX	0	0	-	0	-
N ILLINOIS HUB DAILY	258	216	19.4%	258	0.0%
N ILLINOIS HUB MTHLY	0	160	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	483	2,210	-78.1%	125	286.4%
NORTHERN NATURAL GAS DEMA	1,096	2,612	-58.0%	1,228	-10.7%
NORTHERN NATURAL GAS VENTL	1,444	3,800	-62.0%	1,456	-0.8%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	29,725	57,810	-48.6%	31,585	-5.9%
N ROCKIES PIPE SWAP	30	395	-92.4%	61	-50.8%
NY1% VS GC SPREAD SWAP	2,757	4,924	-44.0%	3,669	-24.9%
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS	350	1,250	-72.0%	625	-44.0%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
NY HARBOR HEAT OIL SWP	7,953	9,896	-19.6%	7,356	8.1%
NY HARBOR LOW SULPUR GAS	690	1,665	-58.6%	740	-6.8%
NY HARBOR RESIDUAL FUEL 1	1,926	4,850	-60.3%	1,785	7.9%
NYH NO 2 CRACK SPREAD CAL	5,292	8,394	-37.0%	5,247	0.9%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-
NYISO A	0	0	-	0	-
NYISO A OFF-PEAK	0	0	-	0	-
NYISO CAPACITY	2,594	3,358	-22.8%	2,800	-7.4%
NYISO G	0	0	-	0	-
NYISO G OFF-PEAK	0	0	-	0	-
NYISO J	0	1,151	-100.0%	0	-
NYISO J OFF-PEAK	0	240	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	42,750	123,510	-65.4%	48,126	-11.2%
NYISO ZONE A 5MW D AH PK	5,346	10,390	-48.5%	5,724	-6.6%
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	656,750	410,021	60.2%	599,214	9.6%
NYISO ZONE G 5MW D AH PK	30,578	22,607	35.3%	21,672	41.1%
NYISO ZONE J 5MW D AH O P	214,041	346,221	-38.2%	223,641	-4.3%
NYISO ZONE J 5MW D AH PK	15,661	17,849	-12.3%	16,291	-3.9%
NY JET FUEL (PLATTS) HEAT OIL	0	0	-	0	-
NYMEX ALUMINUM FUTURES	576	880	-34.5%	594	-3.0%
NYMEX ULSD VS NYMEX HO	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING	311	1,501	-79.3%	218	42.7%
ONEOK OKLAHOMA NG BASIS	428	1,200	-64.3%	490	-12.7%
ONTARIO POWER SWAPS	0	29,830	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	9,901	30,605	-67.6%	10,654	-7.1%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-
PANHANDLE PIPE SWAP	1,451	864	67.9%	1,720	-15.6%
PERMIAN BASIS SWAP	7,442	16,737	-55.5%	7,876	-5.5%
PETROCHEMICALS	14,812	8,219	80.2%	14,799	0.1%
PETRO CRCKS & SPRDS ASIA	1,136	150	657.3%	1,261	-9.9%
PETRO CRCKS & SPRDS NA	106,596	77,445	37.6%	96,627	10.3%
PETRO CRK&SPRD EURO	21,433	18,279	17.3%	20,903	2.5%
PETROLEUM PRODUCTS	10,461	4,665	124.2%	13,486	-22.4%
PETROLEUM PRODUCTS ASIA	2,955	2,480	19.2%	3,204	-7.8%
PETRO OUTRIGHT EURO	14,500	15,796	-8.2%	14,091	2.9%
PETRO OUTRIGHT NA	7,953	18,686	-57.4%	7,469	6.5%
PJM AD HUB 5MW REAL TIME	301,201	653,114	-53.9%	314,365	-4.2%
PJM AECO DA OFF-PEAK	0	3,528	-100.0%	0	-
PJM AECO DA PEAK	0	198	-100.0%	0	-
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-
PJM APS ZONE DA PEAK	0	0	-	0	-
PJM ATSI ELEC	4,140	80,590	-94.9%	8,190	-49.5%
PJM BGE DA OFF-PEAK	8,282	33,152	-75.0%	10,970	-24.5%
PJM BGE DA PEAK	450	1,807	-75.1%	597	-24.6%
PJM COMED 5MW D AH O PK	15,805	52,925	-70.1%	17,725	-10.8%
PJM COMED 5MW D AH PK	850	2,895	-70.6%	955	-11.0%
PJM DAILY	1,096	730	50.1%	878	24.8%
PJM DAYTON DA OFF-PEAK	89,200	192,428	-53.6%	92,272	-3.3%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Futures</b>					
PJM DAYTON DA PEAK	8,295	15,678	-47.1%	8,820	-6.0%
PJM JCPL DA OFF-PEAK	0	3,920	-100.0%	0	-
PJM JCPL DA PEAK	0	220	-100.0%	0	-
PJM MONTHLY	1,160	2,860	-59.4%	1,190	-2.5%
PJM NI HUB 5MW REAL TIME	483,068	1,356,298	-64.4%	530,594	-9.0%
PJM NILL DA OFF-PEAK	270,822	1,229,949	-78.0%	288,870	-6.2%
PJM NILL DA PEAK	16,911	57,452	-70.6%	18,108	-6.6%
PJM OFF-PEAK LMP SWAP FUT	328	832	-60.6%	370	-11.4%
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	31,240	118,960	-73.7%	38,920	-19.7%
PJM PSEG DA PEAK	440	5,100	-91.4%	860	-48.8%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-
PJM WESTH DA OFF-PEAK	310,219	769,502	-59.7%	328,267	-5.5%
PJM WESTHDA PEAK	16,763	43,246	-61.2%	17,750	-5.6%
PJM WESTH RT OFF-PEAK	1,519,278	2,549,398	-40.4%	1,616,766	-6.0%
PJM WESTH RT PEAK	102,994	152,654	-32.5%	114,190	-9.8%
PLASTICS	782	1,427	-45.2%	796	-1.8%
PREMIUM UNLD 10P FOB MED	465	100	365.0%	673	-30.9%
PREMIUM UNLEAD 10PPM FOB	84	65	29.2%	0	-
PREM UNL GAS 10PPM RDAM F	0	0	-	0	-
PREM UNL GAS 10PPM RDAM F	54	11	390.9%	0	-
PROPANE NON-LDH MB (OPIS) B	405	45	800.0%	487	-16.8%
PROPANE NON-LDH MT. BEL (OF	47,839	25,284	89.2%	43,818	9.2%
RBOB CALENDAR SWAP	12,578	10,980	14.6%	12,264	2.6%
RBOB CRACK SPREAD	6,559	1,831	258.2%	5,544	18.3%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GAS	1,379	1,056	30.6%	2,896	-52.4%
RBOB GASOLINE BALMO CLNDR	1,526	1,704	-10.4%	3,709	-58.9%
RBOB PHY	480,931	381,600	26.0%	457,201	5.2%
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	0	21	-100.0%	0	-
RBOB UP-DOWN CALENDAR SW	0	0	-	0	-
RBOB VS HEATING OIL SWAP	1,550	3,417	-54.6%	1,710	-9.4%
ROCKIES KERN OPAL - NW IN	0	0	-	0	-
SAN JUAN BASIS SWAP	14,992	30,390	-50.7%	16,046	-6.6%
SAN JUAN PIPE SWAP	360	0	-	360	0.0%
SINGAPORE 180CST BALMO	105	70	50.0%	62	69.4%
SINGAPORE 380CST BALMO	579	251	130.7%	115	403.5%
SINGAPORE 380CST FUEL OIL	10,964	13,768	-20.4%	9,265	18.3%
SINGAPORE FUEL 180CST CAL	2,243	2,099	6.9%	1,472	52.4%
SINGAPORE FUEL OIL SPREAD	1,812	1,891	-4.2%	2,525	-28.2%
SINGAPORE GASOIL	11,792	10,901	8.2%	12,037	-2.0%
SINGAPORE GASOIL CALENDAR	350	530	-34.0%	325	7.7%
SINGAPORE GASOIL SWAP	7,280	17,920	-59.4%	8,777	-17.1%
SINGAPORE GASOIL VS ICE	47,435	24,185	96.1%	45,470	4.3%
SINGAPORE JET KERO BALMO	0	155	-100.0%	0	-
SINGAPORE JET KERO GASOIL	11,050	5,620	96.6%	10,455	5.7%
SINGAPORE JET KEROSENE SW	1,835	2,824	-35.0%	2,290	-19.9%
SINGAPORE JET KERO VS. GAS	0	0	-	0	-

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<b>Energy Futures</b>					
SINGAPORE MOGAS 92 UNLEAD	350	536	-34.7%	300	16.7%
SINGAPORE MOGAS 92 UNLEAD	15,709	12,719	23.5%	17,866	-12.1%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	0	0	-	0	-
SING FUEL	10	5	100.0%	55	-81.8%
SOCAL PIPE SWAP	0	0	-	0	-
SONAT BASIS SWAP FUTURE	0	428	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	70	232	-69.8%	80	-12.5%
Sumas Basis Swap	4,259	8,276	-48.5%	4,424	-3.7%
SUMAS NAT GAS PLATTS FIXED	0	428	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	314	0	-	393	-20.1%
TC5 RAS TANURA TO YOKOHAM	80	0	-	95	-15.8%
TCO BASIS SWAP	6,951	22,396	-69.0%	7,385	-5.9%
TCO NG INDEX SWAP	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	1,943	0	-	1,682	15.5%
TENN 800 LEG NAT GAS INDE	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	0	486	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	0	306	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	0	910	-100.0%	0	-
TETCO M-3 INDEX	0	5,152	-100.0%	0	-
Tetco STX Basis	428	1,372	-68.8%	490	-12.7%
TEXAS EASTERN ZONE M-3 BA	4,443	17,059	-74.0%	4,753	-6.5%
TEXAS GAS ZONE1 NG BASIS	3,364	10,540	-68.1%	3,848	-12.6%
Transco Zone 3 Basis	1,926	5,941	-67.6%	2,205	-12.7%
TRANSCO ZONE 3 NG INDEX S	0	6,256	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	5,832	19,936	-70.7%	6,235	-6.5%
TRANSCO ZONE 4 NAT GAS IN	0	465	-100.0%	0	-
TRANSCO ZONE 6 BASIS SWAP	1,679	6,659	-74.8%	1,958	-14.2%
TRANSCO ZONE 6 INDEX	0	1,472	-100.0%	0	-
UCM FUT	0	144	-100.0%	20	-100.0%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	16	27	-40.7%	24	-33.3%
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	6,875	3,330	106.5%	5,500	25.0%
UP DOWN GC ULSD VS NMX HO	40,763	43,177	-5.6%	33,904	20.2%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-
WAHA BASIS	4,481	9,029	-50.4%	4,842	-7.5%
WAHA INDEX SWAP FUTURE	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	120	1,050	-88.6%	245	-51.0%
WTI-BRENT BULLET SWAP	6,704	904	641.6%	6,704	0.0%
WTI-BRENT CALENDAR SWAP	130,303	38,668	237.0%	132,419	-1.6%
WTI CALENDAR	183,671	127,996	43.5%	178,928	2.7%
WTS (ARGUS) VS WTI SWAP	60,042	47,397	26.7%	64,074	-6.3%
WTS (ARGUS) VS WTI TRD MT	3,480	1,050	231.4%	3,793	-8.3%

### Energy Options

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG
<b>Energy Options</b>					
12 MO GASOIL CAL SWAP SPR	0	0	-	0	-
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-
BRENT 1 MONTH CAL	2,000	0	-	3,000	-33.3%
BRENT CALENDAR SWAP	3,498	12,972	-73.0%	3,171	10.3%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	210,610	0	-	220,372	-4.4%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-
BRENT OIL LAST DAY	289,329	78,134	270.3%	245,902	17.7%
COAL API2 INDEX	4,495	5,277	-14.8%	2,950	52.4%
COAL API4 INDEX	25	0	-	25	0.0%
COAL SWAP	270	665	-59.4%	270	0.0%
CRUDE OIL 1MO	446,235	672,427	-33.6%	391,525	14.0%
CRUDE OIL APO	475,009	288,593	64.6%	461,987	2.8%
CRUDE OIL CALNDR STRIP	170	0	-	170	0.0%
CRUDE OIL OUTRIGHTS	4,120	150	2,646.7%	4,840	-14.9%
CRUDE OIL PHY	2,914,108	2,892,741	0.7%	3,261,811	-10.7%
ELEC FINSETTLED	0	0	-	0	-
ELEC MISO PEAK	0	0	-	0	-
ETHANOL	150	300	-50.0%	0	0.0%
ETHANOL SWAP	14,700	11,938	23.1%	15,414	-4.6%
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	36,987	50,512	-26.8%	48,836	-24.3%
HENRY HUB FINANCIAL LAST	5,672	10,315	-45.0%	5,734	-1.1%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	-
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
LLS CRUDE OIL	1,800	9,575	-81.2%	2,300	-21.7%
MCCLOSKEY ARA ARGS COAL	345	1,160	-70.3%	495	-30.3%
MCCLOSKEY RCH BAY COAL	1,150	0	-	1,375	-16.4%
NATURAL GAS	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	5,950	112,550	-94.7%	150	3,866.7%
NATURAL GAS 2 M CSO FIN	0	1,900	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	37,970	31,300	21.3%	29,335	29.4%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	3,200	0	-	1,500	113.3%
NATURAL GAS OPTION ON CALE	12,286	6,078	102.1%	11,386	7.9%
NATURAL GAS PHY	1,695,540	2,584,392	-34.4%	1,599,744	6.0%
NG HH 3 MONTH CAL	0	0	-	0	-
N ROCKIES PIPE SWAP	2,054	4,680	-56.1%	1,624	26.5%
NY HARBOR HEAT OIL SWP	19,105	28,099	-32.0%	17,534	9.0%
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	3,600	2,880	25.0%	4,320	-16.7%
PETROCHEMICALS	3,620	7,121	-49.2%	3,030	19.5%
PETRO OUTRIGHT EURO	0	300	-100.0%	0	-
PETRO OUTRIGHT NA	48	0	-	54	-11.1%
PJM MONTHLY	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG
<b>Energy Options</b>					
PJM WES HUB PEAK CAL MTH	1,720	2,750	-37.5%	1,720	0.0%
PJM WES HUB PEAK LMP 50MW	9,037	17,330	-47.9%	9,359	-3.4%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-
RBOB CALENDAR SWAP	650	1,603	-59.5%	645	0.8%
RBOB PHY	11,836	25,622	-53.8%	12,290	-3.7%
ROTTERDAM 3.5%FUEL OIL CL	0	360	-100.0%	0	-
SAN JUAN PIPE SWAP	1,828	4,096	-55.4%	1,700	7.5%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	305	890	-65.7%	0	0.0%
SINGAPORE GASOIL CALENDAR	0	200	-100.0%	0	-
SINGAPORE JET FUEL CALEND	0	500	-100.0%	0	-
SOCAL PIPE SWAP	0	0	-	0	-
WTI-BRENT BULLET SWAP	233,480	149,227	56.5%	205,841	13.4%
WTI CRUDE OIL 1 M CSO FI	178,700	354,990	-49.7%	209,484	-14.7%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG
<b>FX Futures</b>					
AD/CD CROSS RATES	3	3	0.0%	0	0.0%
AD/JY CROSS RATES	711	806	-11.8%	489	45.4%
AD/NE CROSS RATES	75	71	5.6%	114	-34.2%
AUSTRALIAN DOLLAR	149,861	130,736	14.6%	142,500	5.2%
BDI	0	53	-100.0%	0	-
BP/JY CROSS RATES	662	863	-23.3%	464	42.7%
BP/SF CROSS RATES	96	113	-15.0%	140	-31.4%
BRAZIL REAL	52,926	33,362	58.6%	45,358	16.7%
BRITISH POUND	226,575	256,976	-11.8%	194,845	16.3%
CANADIAN DOLLAR	155,602	208,703	-25.4%	122,361	27.2%
CD/JY CROSS RATES	57	46	23.9%	143	-60.1%
CHINESE RENMINBI (CNH)	896	1,317	-32.0%	1,264	-29.1%
EC/AD CROSS RATES	1,196	3,727	-67.9%	1,228	-2.6%
EC/CD CROSS RATES	1,543	1,890	-18.4%	1,662	-7.2%
EC/NOK CROSS RATES	213	36	491.7%	174	22.4%
EC/SEK CROSS RATES	859	442	94.3%	826	4.0%
EFX/BP CROSS RATES	36,678	35,446	3.5%	36,978	-0.8%
EFX/JY CROSS RATES	23,890	17,572	36.0%	19,518	22.4%
EFX/SF CROSS RATES	8,506	14,366	-40.8%	11,237	-24.3%
E-MICRO AUD/USD	3,925	2,883	36.1%	3,518	11.6%
E-MICRO CAD/USD	2,298	1,550	48.3%	1,759	30.6%
E-MICRO CHF/USD	349	195	79.0%	203	71.9%
E-MICRO EUR/USD	15,931	8,976	77.5%	13,694	16.3%
E-MICRO GBP/USD	4,392	3,109	41.3%	3,100	41.7%
E-MICRO INR/USD	560	462	21.2%	635	-11.8%
E-MICRO JPY/USD	3,325	1,690	96.7%	1,944	71.0%
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	13,899	12,142	14.5%	13,685	1.6%
E-MINI JAPANESE YEN	1,240	7,925	-84.4%	906	36.9%
EURO FX	557,258	451,953	23.3%	507,731	9.8%
HUNGARIAN FORINT (EC)	0	0	-	0	-
INDIAN RUPEE	1,474	877	68.1%	1,733	-14.9%
JAPANESE YEN	159,561	212,835	-25.0%	157,037	1.6%
KOREAN WON	103	26	296.2%	71	45.1%
MEXICAN PESO	187,316	209,550	-10.6%	216,882	-13.6%
NEW ZEALND DOLLAR	62,927	43,737	43.9%	48,655	29.3%
NKR/USD CROSS RATE	1,604	1,293	24.1%	1,854	-13.5%
POLISH ZLOTY (EC)	11	6	83.3%	1	1,000.0%
POLISH ZLOTY (US)	57	55	3.6%	36	58.3%
RMB USD	3	74	-95.9%	3	0.0%
RUSSIAN RUBLE	26,719	36,053	-25.9%	28,394	-5.9%
S.AFRICAN RAND	12,031	17,363	-30.7%	10,850	10.9%
SF/JY CROSS RATES	0	0	-	0	-
SHEKEL	774	0	-	814	-4.9%
SKR/USD CROSS RATES	1,788	1,572	13.7%	1,481	20.7%
SWISS FRANC	100,963	55,506	81.9%	83,077	21.5%
TURKISH LIRA	6,043	2,187	176.3%	7,912	-23.6%
USDZAR	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG
<b>FX Options</b>					
AUD/USD PQO 2pm Fix	107,424	37,224	188.6%	113,659	-5.5%
AUSTRALIAN DLR (EU)	0	0	-	0	-
AUSTRALIAN DOLLAR	0	35,916	-100.0%	0	-
BRITISH POUND	0	76,145	-100.0%	0	-
BRITISH POUND (EU)	180	519	-65.3%	232	-22.4%
CAD/USD PQO 2pm Fix	94,877	44,574	112.9%	84,529	12.2%
CANADIAN DOLLAR	0	29,772	-100.0%	0	-
CANADIAN DOLLAR (EU)	50	25	100.0%	50	0.0%
CHF/USD PQO 2pm Fix	6,694	2,278	193.9%	3,988	67.9%
EFX/JY CROSS RATES	0	0	-	0	-
EURO FX	0	185,026	-100.0%	0	-
EURO FX (EU)	17	116	-85.3%	10	70.0%
EUR/USD PQO 2pm Fix	399,940	163,429	144.7%	297,012	34.7%
GBP/USD PQO 2pm Fix	141,766	72,387	95.8%	133,067	6.5%
JAPANESE YEN	0	82,132	-100.0%	0	-
JAPANESE YEN (EU)	0	27	-100.0%	0	-
JPY/USD PQO 2pm Fix	146,547	74,891	95.7%	143,610	2.0%
MEXICAN PESO	5,505	1,454	278.6%	6,337	-13.1%
RUSSIAN RUBLE	0	0	-	0	-
SWISS FRANC	0	2,851	-100.0%	0	-
SWISS FRANC (EU)	0	9	-100.0%	0	-
<b>Foreign Exchange Futures</b>					
CHILEAN PESO	498	257	93.8%	1,268	-60.7%
<b>Foreign Exchange Options</b>					
AUD/USD PQO 2pm Fix	0	0	-	88	-100.0%
<b>Ags Futures</b>					
FERTILIZER PRODUCS	1,490	0	-	775	92.3%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG
<b>Ag Products Futures</b>					
BUTTER CS	6,995	6,249	11.9%	7,030	-0.5%
CASH-SETTLED CHEESE	24,964	27,144	-8.0%	25,746	-3.0%
CAT EURO SEASONAL STRIP	0	0	-	0	-
CATTLE	345,105	426,575	-19.1%	349,350	-1.2%
CDD SEASONAL STRIP	50	1,100	-95.5%	0	-
CDD WEATHER	50	25,100	-99.8%	1,100	-95.5%
CHI WHEAT	554,998	469,032	18.3%	462,550	20.0%
CLASS IV MILK	1,641	4,189	-60.8%	1,558	5.3%
COCOA TAS	1	1	0.0%	1	0.0%
COFFEE	0	0	-	0	-
CORN	1,963,220	1,393,518	40.9%	1,722,531	14.0%
COTTON	0	6	-100.0%	0	-
DJ_UBS ROLL SELECT INDEX FU	2,951	1,070	175.8%	2,951	0.0%
DOW-UBS COMMOD INDEX	78,085	44,014	77.4%	68,678	13.7%
DRY WHEY	3,721	6,011	-38.1%	3,562	4.5%
FEEDER CATTLE	43,053	54,699	-21.3%	44,212	-2.6%
FERTILIZER PRODUCTS	3,250	2,060	57.8%	3,095	5.0%
GOLDMAN SACHS	15,262	15,417	-1.0%	15,343	-0.5%
GSCI EXCESS RETURN FUT	58,318	48,795	19.5%	58,318	0.0%
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	238,522	244,863	-2.6%	260,117	-8.3%
HOUSING INDEX	34	48	-29.2%	39	-12.8%
Intercommodity Spread	0	0	-	0	-
KC WHEAT	301,124	276,250	9.0%	247,017	21.9%
LUMBER	6,605	5,042	31.0%	6,942	-4.9%
MALAYSIAN PALM SWAP	16,328	29,326	-44.3%	17,556	-7.0%
MILK	24,568	32,448	-24.3%	23,439	4.8%
MINI CORN	14,279	8,587	66.3%	11,299	26.4%
MINI SOYBEAN	32,156	18,237	76.3%	31,507	2.1%
MINI WHEAT	2,851	1,335	113.6%	2,096	36.0%
MLK MID OPTIONS	8	0	-	0	-
NFD MILK	7,188	6,891	4.3%	7,631	-5.8%
OATS	5,098	6,632	-23.1%	6,068	-16.0%
PALM OIL	0	0	-	0	-
ROUGH RICE	8,961	9,148	-2.0%	9,327	-3.9%
SOYBEAN	903,491	689,196	31.1%	852,135	6.0%
SOYBEAN MEAL	529,191	413,647	27.9%	513,151	3.1%
SOYBEAN OIL	516,356	436,912	18.2%	502,261	2.8%
S&P GSCI ENHANCED ER SWAP	3,762	17,033	-77.9%	3,762	0.0%
SUGAR 11	58	7	728.6%	58	0.0%
USD CRUDE PALM OIL	5,160	1,416	264.4%	5,000	3.2%
WHEAT	20,350	1,366	1,389.8%	16,330	24.6%
<b>Ag Products Options</b>					
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-
AUG-NOV SOYBEAN CAL SPRD	0	50	-100.0%	0	-

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## CME Group Exchange Open Interest Report - Monthly

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<b>Ag Products Options</b>					
BUTTER CS	12,161	5,843	108.1%	12,820	-5.1%
CASH-SETTLED CHEESE	33,707	37,768	-10.8%	43,210	-22.0%
CATTLE	226,608	255,962	-11.5%	208,100	8.9%
CDD SEASONAL STRIP	600	2,800	-78.6%	0	-
CDD WEATHER	0	47,000	-100.0%	0	-
CHI WHEAT	444,836	362,879	22.6%	394,811	12.7%
CLASS IV MILK	3,619	6,391	-43.4%	4,119	-12.1%
CORN	1,805,853	1,411,296	28.0%	1,588,645	13.7%
CORN NEARBY+2 CAL SPRD	6,528	1,673	290.2%	6,308	3.5%
DEC-DEC CORN CAL SPRD	4,342	4,002	8.5%	1,336	225.0%
DEC-JULY CORN CAL SPRD	1,500	3,900	-61.5%	0	-
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
DRY WHEY	2,191	1,918	14.2%	2,651	-17.4%
FEEDER CATTLE	25,500	34,017	-25.0%	29,659	-14.0%
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	161,317	182,247	-11.5%	161,596	-0.2%
HOUSING INDEX	2	0	-	2	0.0%
Intercommodity Spread	3,868	950	307.2%	3,918	-1.3%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	5,956	10,330	-42.3%	5,756	3.5%
JULY-DEC SOY OIL CAL SPRD	0	800	-100.0%	0	-
JULY-DEC WHEAT CAL SPRD	1,250	1,034	20.9%	720	73.6%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	13,372	22,657	-41.0%	14,092	-5.1%
KC WHEAT	79,185	60,641	30.6%	66,370	19.3%
LUMBER	1,953	1,190	64.1%	967	102.0%
LV CATL CSO	93	628	-85.2%	10	830.0%
MAR-JULY CORN CAL SPRD	0	0	-	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	68,606	92,237	-25.6%	74,392	-7.8%
MLK MID OPTIONS	337	621	-45.7%	370	-8.9%
NFD MILK	14,451	11,332	27.5%	17,030	-15.1%
NOV-JULY SOYBEAN CAL SPRD	0	25	-100.0%	0	-
NOV-MAR SOYBEAN CSO	70	0	-	70	0.0%
NOV-NOV SOYBEAN CAL SPRD	5	76	-93.4%	5	0.0%
OATS	725	2,650	-72.6%	539	34.5%
ROUGH RICE	1,873	4,746	-60.5%	537	248.8%
SEP-DEC SOYBEAN MEAL CSO	400	0	-	0	-
SOYBEAN	776,476	683,581	13.6%	658,257	18.0%
SOYBEAN CRUSH	109	335	-67.5%	70	55.7%
SOYBEAN MEAL	224,452	137,715	63.0%	189,122	18.7%
SOYBEAN OIL	82,509	144,264	-42.8%	72,533	13.8%
SOYBN NEARBY+2 CAL SPRD	0	1,110	-100.0%	0	-
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	400	-100.0%
WHEAT	0	100	-100.0%	0	-
WHEAT-CORN ICSCO	900	750	20.0%	300	200.0%
WHEAT NEARBY+2 CAL SPRD	3,700	2,050	80.5%	3,300	12.1%

**\*\*\* 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 MAY 2018	Open Interest MAY 2017	% CHG	Open Interest APR 2018	% CHG
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	29,389,983	25,738,168	14.2%	30,937,276	-5.0%
Equity Index Futures	4,880,512	3,983,228	22.5%	4,522,712	7.9%
Metals Futures	1,170,298	1,108,492	5.6%	1,171,767	-0.1%
Energy Futures	14,882,293	19,362,877	-23.1%	14,974,036	-0.6%
FX Futures	1,824,900	1,778,547	2.6%	1,685,276	8.3%
Foreign Exchange Futures	498	257	93.8%	1,268	-60.7%
Ags Futures	1,490	0	-	775	92.3%
Ag Products Futures	5,737,754	4,723,364	21.5%	5,281,760	8.6%
<b>TOTAL FUTURES</b>	<b>57,887,728</b>	<b>56,694,933</b>	<b>2.1%</b>	<b>58,574,870</b>	<b>-1.2%</b>
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	50,535,542	48,987,732	3.2%	50,990,861	-0.9%
Equity Index Options	4,332,002	4,454,102	-2.7%	4,255,747	1.8%
Metals Options	1,321,955	1,075,397	22.9%	1,314,843	0.5%
Energy Options	6,631,602	7,386,537	-10.2%	6,779,893	-2.2%
FX Options	903,000	808,775	11.7%	782,494	15.4%
Foreign Exchange Options	0	0	-	88	-100.0%
Ag Products Options	4,009,054	3,537,568	13.3%	3,562,015	12.6%
<b>TOTAL OPTIONS</b>	<b>67,733,155</b>	<b>66,250,111</b>	<b>2.2%</b>	<b>67,685,941</b>	<b>0.1%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	79,925,525	74,725,900	7.0%	81,928,137	-2.4%
Equity Index	9,212,514	8,437,330	9.2%	8,778,459	4.9%
Metals	2,492,253	2,183,889	14.1%	2,486,610	0.2%
Energy	21,513,895	26,749,414	-19.6%	21,753,929	-1.1%
FX	2,727,900	2,587,322	5.4%	2,467,770	10.5%
Foreign Exchange	498	257	93.8%	1,356	-63.3%
Ags	1,490	0	-	775	92.3%
Ag Products	9,746,808	8,260,932	18.0%	8,843,775	10.2%
<b>GRAND TOTAL</b>	<b>125,620,883</b>	<b>122,945,044</b>	<b>2.2%</b>	<b>126,260,811</b>	<b>-0.5%</b>

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