



CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2018	Open Interest JAN 2017	% CHG	Open Interest DEC 2018	% CHG
Interest Rate Futures					
30-YR BOND	806,341	616,209	30.9%	757,123	6.5%
10-YR NOTE	3,637,449	3,174,958	14.6%	3,231,028	12.6%
5-YR NOTE	3,426,629	3,138,549	9.2%	3,100,571	10.5%
2-YR NOTE	2,011,822	1,323,131	52.1%	1,784,468	12.7%
FED FUND	1,745,051	1,314,337	32.8%	1,489,243	17.2%
EURODOLLARS	15,085,393	11,988,741	25.8%	12,687,623	18.9%
5-YR SWAP RATE	24,170	46,324	-47.8%	21,479	12.5%
2-YR SWAP RATE	0	0	-	0	-
10-YR SWAP RATE	28,185	33,400	-15.6%	25,411	10.9%
7-YR SWAP	0	0	-	0	-
1-MONTH EURODOLLAR	5,686	5,643	0.8%	12,687	-55.2%
ULTRA T-BOND	908,929	707,771	28.4%	875,576	3.8%
30-YR SWAP RATE	217	1,356	-84.0%	132	64.4%
Ultra 10-Year Note	566,153	312,554	81.1%	516,915	9.5%
Interest Rate Options					
30-YR BOND	793,910	511,065	55.3%	616,328	28.8%
10-YR NOTE	3,550,679	2,774,522	28.0%	2,342,971	51.5%
5-YR NOTE	1,398,531	1,305,681	7.1%	986,661	41.7%
2-YR NOTE	268,924	59,355	353.1%	287,229	-6.4%
FED FUND	801	16,948	-95.3%	565	41.8%
EURODOLLARS	24,664,073	20,749,368	18.9%	21,832,135	13.0%
EURO MIDCURVE	17,494,911	16,533,649	5.8%	13,695,133	27.7%
ULTRA T-BOND	7,245	2,355	207.6%	6,863	5.6%
Ultra 10-Year Note	0	1,440	-100.0%	0	-

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Equity Index Futures					
E-MINI S&P500	3,419,566	2,841,019	20.4%	3,014,101	13.5%
S&P 500	111,907	81,426	37.4%	82,695	35.3%
E-MINI MIDCAP	89,484	94,045	-4.8%	90,498	-1.1%
S&P 500 GROWTH	13	19	-31.6%	13	0.0%
S&P 500/VALUE	98,707	54,980	79.5%	93,090	6.0%
E-MINI RUSSELL 2000	547,127	0	-	588,495	-7.0%
E-MINI RUSSELL 1000	8,441	9	93,688.9%	7,141	18.2%
E-MINI NASDAQ 100	260,053	238,036	9.2%	280,720	-7.4%
NIKKEI 225 (\$) STOCK	51,410	28,709	79.1%	40,638	26.5%
NIKKEI 225 (YEN) STOCK	68,882	63,654	8.2%	53,534	28.7%
DJ US REAL ESTATE	19,685	12,309	59.9%	17,918	9.9%
NASDAQ BIOTECH	1,011	552	83.2%	99	921.2%
S&P CONSUMER DSCRTNRY SE	8,329	6,087	36.8%	4,531	83.8%
S&P HEALTH CARE SECTOR	7,752	3,974	95.1%	7,227	7.3%
S&P UTILITIES SECTOR	23,744	7,298	225.3%	23,987	-1.0%
S&P CONSUMER STAPLES SECT	23,438	7,191	225.9%	20,018	17.1%
S&P TECHNOLOGY SECTOR	13,548	4,389	208.7%	11,131	21.7%
S&P INDUSTRIAL SECTOR	4,951	6,049	-18.2%	4,058	22.0%
S&P FINANCIAL SECTOR	30,031	9,508	215.8%	34,087	-11.9%
S&P ENERGY SECTOR	13,277	4,642	186.0%	10,287	29.1%
S&P MATERIALS SECTOR	7,610	2,897	162.7%	5,321	43.0%
IBOVESPA INDEX	442	196	125.5%	388	13.9%
E-MINI RUSSELL 1000 VALUE	13,016	989	1,216.1%	10,350	25.8%
FT-SE 100	205	33	521.2%	44	365.9%
E-MINI RUSSELL 1000 GROWTH	3,925	73	5,276.7%	3,815	2.9%
E-mini (\$5) Dow	154,097	128,613	19.8%	146,087	5.5%
E-mini FTSE 100 (USD)	0	0	-	1	-100.0%
E-mini FTSE China 50	435	192	126.6%	182	139.0%
E-MINI S&P REAL ESTATE SELE	6,305	2,230	182.7%	4,506	39.9%
FTSE Emerging	2	0	-	5	-60.0%
NIFTY 50	1,071	432	147.9%	574	86.6%
BITCOIN FUTURES	1,405	0	-	728	93.0%

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Equity Index Options					
E-MINI S&P500	2,171,883	1,707,101	27.2%	1,436,232	51.2%
S&P 500	134,665	129,015	4.4%	43,074	212.6%
E-MINI MIDCAP	0	0	-	0	-
E-MINI RUSSELL 2000	6,492	0	-	1,102	489.1%
E-MINI NASDAQ 100	117,667	55,737	111.1%	46,555	152.7%
EOM S&P 500	137,855	101,743	35.5%	59,904	130.1%
EOM EMINI S&P	735,776	554,586	32.7%	656,617	12.1%
EOW2 EMINI S&P 500	245,018	239,489	2.3%	147,454	66.2%
EOW2 S&P 500	22,130	27,412	-19.3%	10,981	101.5%
EOW1 EMINI S&P 500	471,630	377,387	25.0%	419,925	12.3%
EOW1 S&P 500	87,279	53,484	63.2%	109,174	-20.1%
EOW4 EMINI S&P 500	112,134	49,407	127.0%	38,650	190.1%
E-mini (\$5) Dow	10,228	7,579	35.0%	8,536	19.8%
EOW1 E-MINI RUSSELL 2000 WE	1,488	0	-	403	269.2%
EOW3 E-MINI RUSSELL 2000 WE	7,573	0	-	9,153	-17.3%
EOW1 E-MINI RUSSELL 2000 WE	621	0	-	299	107.7%
EOW3 EMINI S&P 500	1,146,739	1,148,878	-0.2%	1,319,864	-13.1%
EOW3 S&P 500	220,758	233,646	-5.5%	232,538	-5.1%
EOW4 E-MINI RUSSELL 2000 WE	998	0	-	24	4,058.3%
EOW2 E-MINI RUSSELL 2000 WE	1,316	0	-	331	297.6%
EOM E-MINI RUSSELL 2000 END	3,003	0	-	877	242.4%
Metals Futures					
COMEX COPPER	286,956	292,253	-1.8%	285,342	0.6%
URANIUM	4,050	4,275	-5.3%	3,900	3.8%
COMEX MINY COPPER	334	168	98.8%	273	22.3%
COMEX GOLD	553,562	401,586	37.8%	494,896	11.9%
COMEX SILVER	198,246	187,630	5.7%	194,009	2.2%
NYMEX PLATINUM	92,321	64,783	42.5%	82,135	12.4%
NYMEX HOT ROLLED STEEL	13,990	12,422	12.6%	12,487	12.0%
PALLADIUM	35,759	28,596	25.0%	37,419	-4.4%
E-MICRO GOLD	8,038	3,690	117.8%	7,436	8.1%
SILVER	1,479	928	59.4%	1,248	18.5%
COPPER	11,282	1,608	601.6%	7,736	45.8%
FERROUS PRODUCTS	1,987	302	557.9%	615	223.1%
ALUMINUM	63,281	61,530	2.8%	64,413	-1.8%
GOLD	0	0	-	0	-
COMEX E-Mini GOLD	566	1,112	-49.1%	761	-25.6%
COMEX E-Mini SILVER	110	133	-17.3%	113	-2.7%
IRON ORE 62 CHINA TSI FUTURE	10,777	17,504	-38.4%	11,385	-5.3%
IRON ORE 62 CHINA PLATTS FU	1,810	880	105.7%	2,720	-33.5%
Gold Kilo	0	18	-100.0%	0	0.0%
LNDN ZINC	6	5	20.0%	11	-45.5%
METALS	0	0	-	0	-

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Metals Options					
COMEX COPPER	14,334	4,381	227.2%	11,891	20.5%
COMEX GOLD	948,136	914,378	3.7%	823,512	15.1%
COMEX SILVER	151,840	111,063	36.7%	116,700	30.1%
NYMEX PLATINUM	5,614	6,694	-16.1%	5,079	10.5%
PALLADIUM	4,631	5,469	-15.3%	3,406	36.0%
SILVER	28	11	154.5%	4	600.0%
GOLD	10,319	1,917	438.3%	6,264	64.7%
IRON ORE 62 CHINA TSI PUT OP	1,810	2,700	-33.0%	3,530	-48.7%
IRON ORE 62 CHINA TSI CALL O	4,520	10,946	-58.7%	6,000	-24.7%
HOT ROLLED COIL STEEL CALL	1,530	0	-	1,530	0.0%
Energy Futures					
ETHANOL	2,801	5,416	-48.3%	2,624	6.7%
ETHANOL FWD	0	181	-100.0%	0	-
MARS BLEND CRUDE OIL	90	3,074	-97.1%	1,520	-94.1%
HUSTN SHIP CHNL PIPE SWP	0	3,017	-100.0%	0	-
NATURAL GAS PHY	1,425,768	1,175,887	21.3%	1,438,202	-0.9%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	226	1,027	-78.0%	1,746	-87.1%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-
FUEL OIL (PLATS) CAR CN	45	0	-	0	-
FUEL OIL (PLATS) CAR CM	99	211	-53.1%	3	3,200.0%
SINGAPORE MOGAS 92 UNLEAD	17,676	21,865	-19.2%	13,062	35.3%
ETHANOL T2 FOB ROTT INCL DU	6,125	4,411	38.9%	5,988	2.3%
SINGAPORE MOGAS 92 UNLEAD	655	75	773.3%	545	20.2%
JET AV FUEL (P) CAR FM ICE GA	29	39	-25.6%	29	0.0%
NY JET FUEL (PLATTS) HEAT OIL	0	0	-	0	-
PROPANE NON-LDH MB (OPIS) B	260	1,716	-84.8%	325	-20.0%
PROPANE NON-LDH MT. BEL (OF	29,067	38,103	-23.7%	28,591	1.7%
N ILLINOIS HUB DAILY	238	196	21.4%	240	-0.8%
CINERGY HUB PEAK MONTH	288	288	0.0%	288	0.0%
NO 2 UP-DOWN SPREAD CALEN	150	1,671	-91.0%	100	50.0%
CIN HUB 5MW D AH O PK	137,760	238,800	-42.3%	150,080	-8.2%
NY 3.0% FUEL OIL (PLATTS	325	975	-66.7%	150	116.7%
ARGUS LLS VS. WTI (ARG) T	58,425	11,503	407.9%	59,466	-1.8%
SOUTH STAR TEX OKLHM KNS	110	523	-79.0%	120	-8.3%
NYISO ZONE A 5MW D AH PK	6,894	11,910	-42.1%	7,354	-6.3%
NEPOOL INTR HUB 5MW D AH	552,607	587,301	-5.9%	537,852	2.7%
PJM COMED 5MW D AH O PK	23,400	133,435	-82.5%	25,520	-8.3%
NYISO ZONE A 5MW D AH O P	64,464	169,560	-62.0%	69,392	-7.1%
CHICAGO UNL GAS PL VS RBO	150	36	316.7%	3	4,900.0%
PREMIUM UNLEAD 10PPM FOB	85	6	1,316.7%	0	-
GASOIL 10P CRG CIF NW VS	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	209	45	364.4%	204	2.5%
PJM WESTHDA PEAK	21,325	59,232	-64.0%	21,150	0.8%
PJM DAYTON DA PEAK	9,990	23,243	-57.0%	10,350	-3.5%
PJM WESTH DA OFF-PEAK	392,452	1,044,457	-62.4%	374,567	4.8%
PJM PPL DA OFF-PEAK	0	0	-	0	-

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Energy Futures					
PJM AECO DA OFF-PEAK	0	17,343	-100.0%	0	-
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	0	60	-100.0%	5	-100.0%
GASOIL 0.1 CIF VS ICE GAS	0	20	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	55	30	83.3%	60	-8.3%
EUROPE NAPHTHA CALSWAP	3,502	2,433	43.9%	2,732	28.2%
HENRY HUB SWING FUTURE	0	0	-	0	-
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
BRENT BALMO SWAP	0	25	-100.0%	0	-
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING	326	5,289	-93.8%	608	-46.4%
N ROCKIES PIPE SWAP	150	515	-70.9%	181	-17.1%
GASOIL MINI CALENDAR SWAP	803	230	249.1%	514	56.2%
BRENT OIL LAST DAY	206,920	130,335	58.8%	172,294	20.1%
EUROPEAN NAPHTHA BALMO	336	409	-17.8%	267	25.8%
EURO 3.5% FUEL OIL RDAM B	594	829	-28.3%	171	247.4%
LA CARB DIESEL (OPIS) SWA	225	451	-50.1%	250	-10.0%
GULF COAST ULSD CALENDAR	1,734	3,479	-50.2%	2,091	-17.1%
CENTERPOINT EAST INDEX	0	0	-	0	-
CENTERPOINT BASIS SWAP	8,828	18,721	-52.8%	9,545	-7.5%
WTI-BRENT CALENDAR SWAP	134,122	46,637	187.6%	102,252	31.2%
EURO GASOIL 10PPM VS ICE	326	330	-1.2%	245	33.1%
BRENT CALENDAR SWAP	13,312	14,997	-11.2%	15,733	-15.4%
MINY HTG OIL	0	0	-	1	-100.0%
FUELOIL SWAP:CARGOES VS.B	955	1,041	-8.3%	831	14.9%
TD3 MEG TO JAPAN 250K MT	669	0	-	390	71.5%
DOMINION TRAN INC - APP I	2,920	2,920	0.0%	2,920	0.0%
TENNESSEE ZONE 0 BASIS SW	236	1,504	-84.3%	360	-34.4%
PJM OFF-PEAK LMP SWAP FUT	496	1,028	-51.8%	538	-7.8%
AEP-DAYTON HUB OFF-PEAK M	0	600	-100.0%	50	-100.0%
AEP-DAYTON HUB DAILY	110	192	-42.7%	152	-27.6%
EASTERN RAIL DELIVERY CSX	200	2,005	-90.0%	265	-24.5%
HTG OIL	250	614	-59.3%	269	-7.1%
EUROPE 3.5% FUEL OIL MED	410	1,116	-63.3%	571	-28.2%
WAHA INDEX SWAP FUTURE	0	720	-100.0%	0	-
EL PASO PERMIAN INDEX SWA	0	0	-	0	-
HEATING OIL PHY	469,452	405,989	15.6%	439,305	6.9%
PJM MONTHLY	1,280	3,836	-66.6%	1,516	-15.6%
NY HARBOR HEAT OIL SWP	5,792	13,963	-58.5%	6,837	-15.3%
TCO BASIS SWAP	10,050	24,790	-59.5%	11,259	-10.7%
DOMINION TRANSMISSION INC	27,858	59,984	-53.6%	29,811	-6.6%
NYISO A	0	0	-	0	-
MINY NATURAL GAS	3,646	1,788	103.9%	2,857	27.6%
TRANSCO ZONE 6 BASIS SWAP	2,405	8,454	-71.6%	2,498	-3.7%
NYH NO 2 CRACK SPREAD CAL	4,116	10,167	-59.5%	4,888	-15.8%
JAPAN C&F NAPHTHA CRACK S	1,681	1,215	38.4%	2,105	-20.1%
PERMIAN BASIS SWAP	9,358	20,495	-54.3%	9,916	-5.6%
NY HARBOR RESIDUAL FUEL 1	3,417	4,219	-19.0%	4,048	-15.6%
GULF COAST NO.6 FUEL OIL	54,729	62,852	-12.9%	52,891	3.5%
NGPL MID-CONTINENT	21,923	32,093	-31.7%	22,143	-1.0%

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Energy Futures					
NYISO J	0	1,571	-100.0%	100	-100.0%
NYISO G	0	0	-	0	-
ARGUS PROPAN(SAUDI ARAMC	1,134	794	42.8%	918	23.5%
JAPAN NAPHTHA BALMO SWAP	0	50	-100.0%	8	-100.0%
EUROPE JET KERO NWE CALSW	66	0	-	54	22.2%
JET CIF NWE VS ICE	638	368	73.4%	542	17.7%
RBOB PHY	452,535	426,771	6.0%	383,668	17.9%
RBOB GAS	3,769	1,356	177.9%	1,795	110.0%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-
NY1% VS GC SPREAD SWAP	4,848	8,236	-41.1%	5,218	-7.1%
GULF COAST 3% FUEL OIL BA	3,114	311	901.3%	4,130	-24.6%
EUROPE 3.5% FUEL OIL RDAM	11,011	12,778	-13.8%	10,475	5.1%
FUEL OIL NWE CRACK VS ICE	156	0	-	0	-
DIESEL 10P BRG FOB RDM VS	5	0	-	0	-
TRANSCO ZONE 6 INDEX	0	1,576	-100.0%	0	-
SONAT BASIS SWAP FUTURE	0	668	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	12,887	38,118	-66.2%	13,659	-5.7%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	7,825	21,870	-64.2%	10,780	-27.4%
CRUDE OIL PHY	2,657,783	2,194,908	21.1%	2,463,668	7.9%
CINERGY HUB OFF-PEAK MONT	120	140	-14.3%	120	0.0%
ANR LOUISIANA BASIS SWAP	0	59	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	8,454	25,690	-67.1%	9,415	-10.2%
FLORIDA GAS ZONE3 BASIS S	0	1,708	-100.0%	0	-
SINGAPORE JET KEROSENE SW	1,980	2,365	-16.3%	1,783	11.0%
SINGAPORE 380CST FUEL OIL	9,775	14,896	-34.4%	10,578	-7.6%
AEP-DAYTON HUB MTHLY	0	840	-100.0%	70	-100.0%
N ILLINOIS HUB MTHLY	0	240	-100.0%	20	-100.0%
ISO NEW ENGLAND OFF-PEAK	0	168	-100.0%	14	-100.0%
NYISO G OFF-PEAK	0	0	-	0	-
NYISO A OFF-PEAK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	175	0	-	200	-12.5%
EUROPE DATED BRENT SWAP	587	339	73.2%	662	-11.3%
WESTERN RAIL DELIVERY PRB	325	1,515	-78.5%	470	-30.9%
NATURAL GAS PEN SWP	175,260	279,366	-37.3%	183,405	-4.4%
SINGAPORE GASOIL VS ICE	27,765	23,393	18.7%	2,206	1,158.6%
JET BARGES VS ICE GASOIL	0	0	-	0	-
SOCAL PIPE SWAP	0	1,520	-100.0%	0	-
SINGAPORE 180CST BALMO	60	0	-	100	-40.0%
MONT BELVIEU LDH PROPANE 5	114,655	126,515	-9.4%	114,064	0.5%
MONT BELVIEU ETHANE 5 DECI	56,021	104,659	-46.5%	57,105	-1.9%
MONT BELVIEU NORMAL BUTAN	34,940	38,558	-9.4%	41,503	-15.8%
WAHA BASIS	6,175	12,050	-48.8%	7,582	-18.6%
PREM UNL GAS 10PPM RDAM F	0	0	-	0	-
PREM UNL GAS 10PPM RDAM F	0	0	-	0	-
HENRY HUB SWAP	1,154,421	1,305,939	-11.6%	1,232,637	-6.3%
HENRY HUB FINANCIAL LAST	54	0	-	74	-27.0%
HENRY HUB BASIS SWAP	7,528	41,394	-81.8%	3,172	137.3%
CHICAGO ETHANOL SWAP	64,343	59,739	7.7%	59,409	8.3%
PJM WESTH RT OFF-PEAK	1,850,579	2,288,111	-19.1%	2,024,410	-8.6%
PJM JCPL DA OFF-PEAK	0	19,270	-100.0%	0	-

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CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2018	Open Interest JAN 2017	% CHG	Open Interest DEC 2018	% CHG
Energy Futures					
PJM DAYTON DA OFF-PEAK	116,779	206,155	-43.4%	124,171	-6.0%
PJM AD HUB 5MW REAL TIME	327,435	820,924	-60.1%	345,750	-5.3%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-
ISO NEW ENGLAND PK LMP	0	234	-100.0%	17	-100.0%
CRUDE OIL	15,886	25,906	-38.7%	17,836	-10.9%
EUROPEAN NAPHTHA CRACK SP	15,145	10,342	46.4%	11,481	31.9%
GASOIL CRACK SPREAD CALEN	24,853	18,079	37.5%	19,382	28.2%
ICE BRENT DUBAI SWAP	53,020	15,518	241.7%	45,877	15.6%
BRENT FINANCIAL FUTURES	3,370	5,642	-40.3%	3,370	0.0%
DEMARC SWING SWAP	0	0	-	0	-
NGPL MIDCONTINENT SWING S	0	0	-	0	-
GASOIL CALENDAR SWAP	0	75	-100.0%	8	-100.0%
EURO 3.5% FUEL OIL SPREAD	153	2,857	-94.6%	379	-59.6%
NYMEX ALUMINUM FUTURES	713	620	15.0%	726	-1.8%
GULF COAST JET VS NYM 2 H	31,546	33,397	-5.5%	27,091	16.4%
SAN JUAN BASIS SWAP	19,193	37,628	-49.0%	20,278	-5.4%
EUROPE 1% FUEL OIL RDAM C	0	8	-100.0%	0	-
GULF COAST GASOLINE CLNDR	0	0	-	0	-
Transco Zone 3 Basis	3,124	6,959	-55.1%	3,465	-9.8%
Tetco STX Basis	668	1,791	-62.7%	730	-8.5%
COLUMBIA GULF ONSHORE	0	15,698	-100.0%	0	-
PJM DAILY	914	868	5.3%	946	-3.4%
CIG BASIS	21,683	46,755	-53.6%	23,054	-5.9%
NORTHERN NATURAL GAS VENTL	1,551	5,212	-70.2%	1,494	3.8%
TEXAS EASTERN ZONE M-3 BA	5,820	23,102	-74.8%	6,223	-6.5%
MICHIGAN BASIS	4,977	12,076	-58.8%	5,355	-7.1%
ANR OKLAHOMA	1,610	3,439	-53.2%	1,703	-5.5%
LA JET FUEL VS NYM NO 2 H	0	30	-100.0%	0	-
RBOB UP-DOWN CALENDAR SW	0	0	-	0	-
RBOB CALENDAR SWAP	12,380	14,413	-14.1%	13,671	-9.4%
MINY RBOB GAS	0	0	0.0%	0	-
GAS EURO-BOB OXY NWE BARG	5,805	5,693	2.0%	3,663	58.5%
GAS EURO-BOB OXY NWE BARG	28,965	30,537	-5.1%	27,644	4.8%
PETRO OUTRIGHT EURO	10,689	19,046	-43.9%	9,817	8.9%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
LA CARBOB GASOLINE(OPIS)S	1,025	250	310.0%	625	64.0%
EURO PROPANE CIF ARA SWA	1,762	1,570	12.2%	1,358	29.7%
GASOIL BULLET SWAP	0	0	-	0	-
NEW YORK ETHANOL SWAP	2,085	1,550	34.5%	2,090	-0.2%
LA CARB DIESEL (OPIS)	0	78	-100.0%	0	-
DEMARC INDEX FUTURE	0	0	-	0	-
WTI CALENDAR	168,588	125,399	34.4%	157,168	7.3%
APPALACHIAN COAL (PHY)	0	0	-	0	-
ROCKIES KERN OPAL - NW IN	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	1,829	1,271	43.9%	1,694	8.0%
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-
NORTHERN NATURAL GAS DEMA	1,710	2,936	-41.8%	1,896	-9.8%
TENNESSEE 500 LEG BASIS S	0	843	-100.0%	0	-
EAST/WEST FUEL OIL SPREAD	15	887	-98.3%	65	-76.9%
NYISO J OFF-PEAK	0	360	-100.0%	30	-100.0%
TC5 RAS TANURA TO YOKOHAM	80	0	-	75	6.7%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
WTI-BRENT BULLET SWAP	404	704	-42.6%	654	-38.2%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	6,192	20,807	-70.2%	1,929	221.0%
Sumas Basis Swap	5,213	8,037	-35.1%	5,836	-10.7%
RBOB CRACK SPREAD	5,400	3,319	62.7%	4,895	10.3%
CIN HUB 5MW D AH PK	7,953	16,195	-50.9%	8,278	-3.9%
TEXAS GAS ZONE1 NG BASIS	5,276	13,260	-60.2%	5,760	-8.4%
SINGAPORE GASOIL SWAP	9,805	20,764	-52.8%	9,104	7.7%
GULF COAST JET FUEL CLNDR	827	1,213	-31.8%	911	-9.2%
ULSD 10PPM CIF MED VS ICE	24	21	14.3%	32	-25.0%
PJM BGE DA OFF-PEAK	18,915	34,687	-45.5%	21,035	-10.1%
SINGAPORE 380CST BALMO	55	69	-20.3%	165	-66.7%
LTD NAT GAS	382,986	362,635	5.6%	389,877	-1.8%
NORTHWEST ROCKIES BASIS S	36,807	70,447	-47.8%	38,605	-4.7%
SING FUEL	0	10	-100.0%	0	-
CIN HUB 5MW REAL TIME O P	447,752	652,536	-31.4%	472,840	-5.3%
NYISO ZONE C 5MW D AH PK	0	0	-	0	-
NEPOOL NE MASS 5MW D AH O	14,040	0	-	14,040	0.0%
NEPOOL NE MASS 5MW D AH P	765	0	-	765	0.0%
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-
NEPOOL CNCTCT 5MW D AH O	0	4,696	-100.0%	424	-100.0%
NEPOOL CONECTIC 5MW D AH	0	254	-100.0%	20	-100.0%
NEPOOL W CNT MASS 5MW D A	0	9,392	-100.0%	848	-100.0%
PJM COMED 5MW D AH PK	1,275	7,325	-82.6%	1,375	-7.3%
NYISO ZONE J 5MW D AH O P	252,816	174,096	45.2%	261,616	-3.4%
NYISO ZONE J 5MW D AH PK	17,591	11,581	51.9%	18,191	-3.3%
PJM NI HUB 5MW REAL TIME	676,509	1,670,811	-59.5%	720,675	-6.1%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-
ONEOK OKLAHOMA NG BASIS	668	1,708	-60.9%	730	-8.5%
COLUMB GULF MAINLINE NG B	4,102	18,474	-77.8%	4,686	-12.5%
PANHANDLE PIPE SWAP	2,527	0	-	2,796	-9.6%
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-
ELEC MISO PEAK	3,825	1,231	210.7%	3,905	-2.0%
ELEC NYISO OFF-PEAK	70,200	18,784	273.7%	71,896	-2.4%
WTS (ARGUS) VS WTI SWAP	65,174	47,646	36.8%	58,692	11.0%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
CAISO SP15 EZGNHUB5 MW P	0	7,700	-100.0%	0	-
NY 2.2% FUEL OIL (PLATTS	0	300	-100.0%	0	-
EIA FLAT TAX ONHWAY DIESE	2,393	4,213	-43.2%	2,779	-13.9%
JET FUEL UP-DOWN BALMO CL	5,970	4,603	29.7%	3,565	67.5%
ULSD UP-DOWN BALMO SWP	5,845	7,295	-19.9%	8,950	-34.7%
EUROPEAN GASOIL (ICE)	562	3,537	-84.1%	858	-34.5%
NYISO ZONE G 5MW D AH O P	502,481	326,016	54.1%	529,585	-5.1%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	612	821	-25.5%	657	-6.8%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
LA JET (OPIS) SWAP	2,265	2,385	-5.0%	1,750	29.4%
PJM AECO DA PEAK	0	954	-100.0%	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-
TETCO M-3 INDEX	0	5,992	-100.0%	0	-
SINGAPORE JET KERO GASOIL	7,405	6,890	7.5%	1,195	519.7%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2018	Open Interest JAN 2017	% CHG	Open Interest DEC 2018	% CHG
Energy Futures					
SINGAPORE FUEL OIL SPREAD	537	1,681	-68.1%	710	-24.4%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-
NEW YORK HUB ZONE G PEAK	2,232	4,284	-47.9%	1,881	18.7%
SINGAPORE FUEL 180CST CAL	991	2,589	-61.7%	1,227	-19.2%
EUROPE 1% FUEL OIL NWE CA	194	254	-23.6%	53	266.0%
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
ICE GASOIL BALMO SWAP	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-
MICHCON NG INDEX SWAP	0	0	-	0	-
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	-
TCO NG INDEX SWAP	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	59	2,573	-97.7%	90	-34.4%
PJM WESTH RT PEAK	141,359	165,224	-14.4%	148,383	-4.7%
PJM PSEG DA OFF-PEAK	61,620	126,635	-51.3%	70,100	-12.1%
PJM PSEG DA PEAK	2,140	5,100	-58.0%	2,540	-15.7%
PJM PPL DA PEAK	0	0	-	0	-
PJM JCPL DA PEAK	0	1,060	-100.0%	0	-
PJM BGE DA PEAK	1,045	1,891	-44.7%	1,145	-8.7%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-
DATED TO FRONTLINE BRENT	8,735	10,310	-15.3%	10,005	-12.7%
NEPOOL W CNTR M 5MW D AH	0	928	-100.0%	40	-100.0%
TENNESSEE 800 LEG NG BASI	0	546	-100.0%	0	-
UP DOWN GC ULSD VS NMX HO	38,982	50,228	-22.4%	38,866	0.3%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-
GULF COAST ULSD CRACK SPR	1,050	2,833	-62.9%	760	38.2%
NYMEX ULSD VS NYMEX HO	0	0	-	0	-
RBOB VS HEATING OIL SWAP	2,295	3,618	-36.6%	2,694	-14.8%
NYISO ZONE G 5MW D AH PK	22,730	24,540	-7.4%	23,750	-4.3%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
ARGUS PROPAN FAR EST INDE	4,123	1,528	169.8%	3,330	23.8%
3.5% FUEL OIL CID MED SWA	192	931	-79.4%	167	15.0%
JET FUEL CRG CIF NEW VS I	0	10	-100.0%	0	-
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	484	137	253.3%	343	41.1%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-
DUBAI CRUDE OIL BALMO	0	0	-	50	-100.0%
SINGAPORE JET KERO BALMO	0	0	-	0	-
WTS (ARGUS) VS WTI TRD MT	4,030	2,470	63.2%	4,433	-9.1%
MARS (ARGUS) VS WTI TRD M	33,710	19,380	73.9%	26,245	28.4%
MARS (ARGUS) VS WTI SWAP	9,945	13,861	-28.3%	8,289	20.0%
NATURAL GAS	110,005	120,046	-8.4%	115,797	-5.0%
NGPL TEXOK INDEX	0	0	-	0	-
FUEL OIL CRACK VS ICE	13,842	18,275	-24.3%	14,030	-1.3%
HOUSTON SHIP CHANNEL BASI	17,907	23,821	-24.8%	18,651	-4.0%
LLS (ARGUS) VS WTI SWAP	23,049	26,108	-11.7%	23,148	-0.4%
JAPAN C&F NAPHTHA SWAP	2,357	1,543	52.8%	2,032	16.0%
MINY WTI CRUDE OIL	4,032	4,256	-5.3%	4,859	-17.0%
CIN HUB 5MW REAL TIME PK	36,538	49,533	-26.2%	38,474	-5.0%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
PJM NILL DA PEAK	25,193	48,663	-48.2%	27,373	-8.0%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-
PJM NILL DA OFF-PEAK	447,198	1,137,232	-60.7%	494,366	-9.5%
PETROCHEMICALS	10,984	7,781	41.2%	11,361	-3.3%
IN DELIVERY MONTH EUA	3,698	10,748	-65.6%	3,698	0.0%
MONT BELVIEU NORMAL BUTAN	1,601	1,085	47.6%	613	161.2%
MONT BELVIEU NATURAL GASO	500	771	-35.1%	323	54.8%
CONWAY NORMAL BUTANE (OPI	1,105	857	28.9%	1,810	-39.0%
CONWAY PROPANE 5 DECIMALS	17,876	16,897	5.8%	16,714	7.0%
MONT BELVIEU NATURAL GASO	19,976	16,471	21.3%	17,416	14.7%
CONWAY NATURAL GASOLINE (934	353	164.6%	1,106	-15.6%
MONT BELVIEU LDH PROPANE C	5,378	3,160	70.2%	1,292	316.3%
MONT BELVIEU ETHANE OPIS B	250	965	-74.1%	335	-25.4%
SINGAPORE JET KERO VS. GAS	25	0	-	0	-
ERCOT HOUSTON Z MCPE 5MW	3,000	0	-	3,880	-22.7%
ERCOT NORTH ZMCPE 5MW PE	7,540	430	1,653.5%	5,980	26.1%
ERCOT NORTH ZMCPE 5MW OF	132,000	0	-	155,520	-15.1%
ERCOT NORTH ZMCPE 5MW OF	5,760	0	-	8,400	-31.4%
DIESEL 10PPM BARGES FOB B	0	0	-	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	12,149	5,972	103.4%	12,997	-6.5%
GRP THREE UNL GS (PLT) VS	4,297	4,315	-0.4%	4,435	-3.1%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	957	1,280	-25.2%	913	4.8%
PETRO CRK&SPRD EURO	18,882	18,513	2.0%	16,815	12.3%
CRUDE OIL OUTRIGHTS	135,577	31,872	325.4%	98,713	37.3%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-
FREIGHT MARKETS	1,527	1,188	28.5%	649	135.3%
MCCLOSKEY ARA ARG5 COAL	42,647	75,926	-43.8%	48,653	-12.3%
MNC FUT	3,314	4,298	-22.9%	3,448	-3.9%
MCCLOSKEY RCH BAY COAL	4,804	15,802	-69.6%	5,743	-16.4%
CRUDE OIL SPRDS	153,492	29,190	425.8%	99,372	54.5%
ELEC FINSETTLED	1,534	2,804	-45.3%	1,634	-6.1%
ELECTRICITY OFF PEAK	28,064	51,544	-45.6%	30,184	-7.0%
PETRO OUTRIGHT NA	6,985	16,520	-57.7%	6,263	11.5%
ALGON CITY GATES NAT GAS	0	2,432	-100.0%	0	-
NEPOOL NEW HAMP 5MW D AH	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-
NAT GAS BASIS SWAP	5,463	12,585	-56.6%	5,835	-6.4%
RBOB SPREAD (PLATTS) SWAP	0	33	-100.0%	2	-100.0%
NGPL TEX/OK	27,627	38,764	-28.7%	21,876	26.3%
NEPOOL RHD ISLD 5MW D AH	0	1,718	-100.0%	100	-100.0%
HEATING OIL BALMO CLNDR S	19	0	-	161	-88.2%
PJM APS ZONE DA PEAK	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	4,509	218	1,968.3%	736	512.6%
ELEC ERCOT DLY PEAK	480	0	-	0	-
PETROLEUM PRODUCTS ASIA	2,654	1,923	38.0%	1,794	47.9%
PETRO CRCKS & SPRDS NA	81,317	87,518	-7.1%	71,345	14.0%
SINGAPORE GASOIL	12,636	7,095	78.1%	8,752	44.4%
ONTARIO POWER SWAPS	0	45,165	-100.0%	1,715	-100.0%
PLASTICS	1,003	1,466	-31.6%	1,112	-9.8%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
MJC FUT	665	259	156.8%	650	2.3%
TENN 800 LEG NAT GAS INDE	0	0	-	0	-
NEPOOL RHODE IL 5MW D AH	0	31,425	-100.0%	2,120	-100.0%
PETROLEUM PRODUCTS	9,845	9,079	8.4%	7,720	27.5%
PJM ATSI ELEC	20,180	39,335	-48.7%	29,060	-30.6%
COAL SWAP	60	280	-78.6%	160	-62.5%
MGN1 SWAP FUT	284	551	-48.5%	291	-2.4%
PETRO CRCKS & SPRDS ASIA	1,524	455	234.9%	1,365	11.6%
INDIANA MISO	23,556	17,119	37.6%	39,883	-40.9%
MICHIGAN MISO	34,545	160,910	-78.5%	54,725	-36.9%
NYISO CAPACITY	3,418	3,577	-4.4%	3,655	-6.5%
GROUP THREE ULSD (PLATTS)	0	300	-100.0%	25	-100.0%
EURO-DENOMINATED PETRO P	0	500	-100.0%	0	-
AUSTRALIAN COKE COAL	336	882	-61.9%	380	-11.6%
DAILY PJM	221,958	280,342	-20.8%	337,602	-34.3%
UCM FUT	60	30	100.0%	73	-17.8%
INDONESIAN COAL	0	0	-	0	-
NEW YORK HUB ZONE J PEAK	1,150	341	237.2%	1,221	-5.8%
DLY GAS EURO-BOB OXY	0	0	-	0	-
NATURAL GAS INDEX	0	1,992	-100.0%	0	-
MGF FUT	80	0	-	38	110.5%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
NATURAL GAS FIXED PRICE SW	0	1,440	-100.0%	0	-
3.5% FUEL OIL CIF BALMO S	0	25	-100.0%	0	-
MINI RBOB V. EBOB(ARGUS) NW	2,497	4,327	-42.3%	2,139	16.7%
SUMAS NAT GAS PLATTS FIXED	0	668	-100.0%	0	-
NY HARBOR LOW SULPUR GAS	180	1,927	-90.7%	390	-53.8%
DY EURO 3.5% FUEL OI RDA	0	1,500	-100.0%	0	-
MINI RBOB V. EBOBARG NWE BF	120	666	-82.0%	120	0.0%
ELEC ERCOT DLY OFF PK	0	0	-	0	-
CANADIAN LIGHT SWEET OIL	70	9,310	-99.2%	77	-9.1%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
MINI GAS EUROBOB OXY NWE A	366	447	-18.1%	668	-45.2%
ELECTRICITY ERCOT PEAK	0	0	-	0	-
CEU ENERGY	60	0	-	0	-
ELEC WEST POWER PEAK	0	3,850	-100.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	0	550	-100.0%	0	-
ELEC WEST POWER OFF-PEAK	0	0	-	0	-
ERCOT DAILY 5MW PEAK	0	0	-	0	-
Energy Options					
ETHANOL	0	315	-100.0%	0	-
EUROPEAN JET KEROSENE NW	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
NATURAL GAS PHY	2,241,175	2,666,598	-16.0%	2,337,560	-4.1%
NATURAL GAS 3 M CSO FIN	32,200	1,600	1,912.5%	31,201	3.2%
NATURAL GAS 1 M CSO FIN	133,528	61,925	115.6%	131,862	1.3%
WTI CRUDE OIL 1 M CSO FI	223,136	358,764	-37.8%	237,020	-5.9%
SINGAPORE JET FUEL CALEND	0	1,020	-100.0%	40	-100.0%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2018	Open Interest JAN 2017	% CHG	Open Interest DEC 2018	% CHG
Energy Options					
ROTTERDAM 3.5%FUEL OIL CL	0	600	-100.0%	40	-100.0%
NYMEX EUROPEAN GASOIL APO	0	20	-100.0%	0	-
N ROCKIES PIPE SWAP	3,220	4,978	-35.3%	4,987	-35.4%
BRENT OIL LAST DAY	138,678	62,714	121.1%	130,088	6.6%
SAN JUAN PIPE SWAP	2,320	4,812	-51.8%	3,910	-40.7%
BRENT CALENDAR SWAP	3,365	15,807	-78.7%	3,579	-6.0%
HEATING OIL PHY	59,488	52,849	12.6%	53,318	11.6%
PJM MONTHLY	0	0	-	0	-
NY HARBOR HEAT OIL SWP	14,284	35,414	-59.7%	14,024	1.9%
NG HH 3 MONTH CAL	0	0	-	0	-
RBOB PHY	13,783	11,995	14.9%	12,257	12.5%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	0.0%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
CRUDE OIL PHY	3,006,013	2,653,675	13.3%	2,558,146	17.5%
CRUDE OIL 1MO	387,872	750,890	-48.3%	377,664	2.7%
SOCAL PIPE SWAP	0	3,200	-100.0%	0	-
HENRY HUB FINANCIAL LAST	5,971	11,365	-47.5%	6,141	-2.8%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-
HEATING OIL CRACK OPTIONS	0	0	-	0	-
CRUDE OIL APO	461,822	299,167	54.4%	441,149	4.7%
RBOB CALENDAR SWAP	75	1,143	-93.4%	75	0.0%
PETRO OUTRIGHT EURO	0	0	-	50	-100.0%
WTI-BRENT BULLET SWAP	286,616	149,268	92.0%	226,666	26.4%
PANHANDLE PIPE SWAP	6,480	0	-	7,200	-10.0%
NATURAL GAS OPTION ON CALE	3,982	2,678	48.7%	1,810	120.0%
ELEC MISO PEAK	0	0	-	0	-
NATURAL GAS	0	0	-	0	-
NYISO ZONE G 5MW PEAK OPTI	0	7,390	-100.0%	2,800	-100.0%
PETROCHEMICALS	3,815	11,116	-65.7%	6,134	-37.8%
CRUDE OIL OUTRIGHTS	6,850	150	4,466.7%	7,520	-8.9%
MCCLOSKEY ARA ARGS COAL	595	820	-27.4%	850	-30.0%
MCCLOSKEY RCH BAY COAL	475	0	-	275	72.7%
ELEC FINSETTLED	0	0	-	0	-
PETRO OUTRIGHT NA	72	0	-	72	0.0%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-
HEATING OIL CRK SPD AVG PRI	0	0	-	0	-
NATURAL GAS 2 M CSO FIN	0	600	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	0	300	-100.0%	25	-100.0%
ETHANOL SWAP	15,552	18,827	-17.4%	16,144	-3.7%
NATURAL GAS 6 M CSO FIN	23,000	9,100	152.7%	16,850	36.5%
SHORT TERM NATURAL GAS	125	300	-58.3%	300	-58.3%
SHORT TERM	0	0	-	0	-
COAL SWAP	415	930	-55.4%	415	0.0%
COAL API2 INDEX	985	4,480	-78.0%	410	140.2%
EURO-DENOMINATED PETRO P	0	0	-	0	-
COAL API4 INDEX	115	110	4.5%	30	283.3%
PJM WES HUB PEAK LMP 50MW	10,588	10,485	1.0%	12,130	-12.7%
LLS CRUDE OIL	3,800	7,975	-52.4%	4,300	-11.6%
PJM WES HUB PEAK CAL MTH	1,550	1,750	-11.4%	1,550	0.0%
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-
GASOLINE	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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Energy Options					
BRENT CRUDE OIL 12 M CSO	2,000	0	-	0	-
12 MO GASOIL CAL SWAP SPR	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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FX Futures					
AUSTRALIAN DOLLAR	146,168	101,571	43.9%	122,963	18.9%
BRITISH POUND	228,325	212,001	7.7%	211,660	7.9%
BRAZIL REAL	37,128	45,733	-18.8%	21,297	74.3%
CANADIAN DOLLAR	178,871	114,362	56.4%	122,098	46.5%
E-MINI EURO FX	14,257	8,139	75.2%	12,980	9.8%
EURO FX	600,012	407,338	47.3%	532,713	12.6%
E-MINI JAPANESE YEN	931	1,300	-28.4%	350	166.0%
JAPANESE YEN	260,653	204,638	27.4%	232,376	12.2%
MEXICAN PESO	190,211	184,340	3.2%	191,720	-0.8%
NEW ZEALND DOLLAR	54,933	51,590	6.5%	45,227	21.5%
NKR/USD CROSS RATE	1,613	1,362	18.4%	873	84.8%
RUSSIAN RUBLE	57,709	30,482	89.3%	59,474	-3.0%
S.AFRICAN RAND	14,098	19,956	-29.4%	12,720	10.8%
SWISS FRANC	71,241	49,779	43.1%	77,453	-8.0%
AD/CD CROSS RATES	1	3	-66.7%	0	-
AD/JY CROSS RATES	1,674	1,661	0.8%	945	77.1%
AD/NE CROSS RATES	25	6	316.7%	25	0.0%
BP/JY CROSS RATES	910	236	285.6%	351	159.3%
BP/SF CROSS RATES	61	0	-	23	165.2%
CD/JY CROSS RATES	0	1	-100.0%	0	-
EC/AD CROSS RATES	1,483	967	53.4%	1,513	-2.0%
EC/CD CROSS RATES	1,722	1,082	59.1%	1,549	11.2%
EC/NOK CROSS RATES	51	5	920.0%	30	70.0%
EC/SEK CROSS RATES	815	369	120.9%	642	26.9%
EFX/BP CROSS RATES	38,044	26,736	42.3%	39,176	-2.9%
EFX/JY CROSS RATES	29,191	16,706	74.7%	27,316	6.9%
EFX/SF CROSS RATES	15,842	13,182	20.2%	17,473	-9.3%
SF/JY CROSS RATES	0	0	-	0	-
SKR/USD CROSS RATES	1,860	1,490	24.8%	1,700	9.4%
HUNGARIAN FORINT (EC)	0	0	-	0	-
POLISH ZLOTY (US)	56	1,777	-96.8%	98	-42.9%
POLISH ZLOTY (EC)	18	2	800.0%	16	12.5%
SHEKEL	564	0	-	496	13.7%
RMB USD	8	220	-96.4%	16	-50.0%
KOREAN WON	145	18	705.6%	117	23.9%
TURKISH LIRA	5,858	1,240	372.4%	4,418	32.6%
E-MICRO EUR/USD	12,882	6,073	112.1%	6,858	87.8%
E-MICRO GBP/USD	5,018	2,168	131.5%	1,400	258.4%
E-MICRO USD/CAD	0	0	-	0	-
E-MICRO USD/CHF	0	0	-	0	-
E-MICRO USD/JPY	0	0	-	0	-
E-MICRO AUD/USD	2,694	2,251	19.7%	1,462	84.3%
INDIAN RUPEE	1,032	767	34.6%	669	54.3%
E-MICRO INR/USD	429	134	220.1%	297	44.4%
E-MICRO JPY/USD	1,784	1,585	12.6%	873	104.4%
CHINESE RENMINBI (CNH)	877	2,405	-63.5%	798	9.9%
USDZAR	1	10	-90.0%	1	0.0%
E-MICRO USD/CNH	0	0	-	0	-
E-MICRO CAD/USD	1,561	1,067	46.3%	1,083	44.1%
BDI	0	21	-100.0%	0	-
E-MICRO CHF/USD	219	345	-36.5%	115	90.4%

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CME Group Exchange Open Interest Report - Monthly

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FX Options					
AUSTRALIAN DOLLAR	0	45,360	-100.0%	0	-
BRITISH POUND	0	66,108	-100.0%	0	-
CANADIAN DOLLAR	0	38,697	-100.0%	0	-
EURO FX	0	182,679	-100.0%	0	-
JAPANESE YEN	0	108,199	-100.0%	0	-
MEXICAN PESO	1,522	9,260	-83.6%	2,101	-27.6%
RUSSIAN RUBLE	0	0	-	0	-
SWISS FRANC	0	3,886	-100.0%	0	-
EFX/JY CROSS RATES	1,435	0	-	0	-
JAPANESE YEN (EU)	15	253	-94.1%	15	0.0%
EURO FX (EU)	43	209	-79.4%	37	16.2%
SWISS FRANC (EU)	0	0	-	0	-
CANADIAN DOLLAR (EU)	22	24	-8.3%	35	-37.1%
BRITISH POUND (EU)	255	292	-12.7%	453	-43.7%
AUSTRALIAN DLR (EU)	0	0	-	0	-
JPY/USD PQO 2pm Fix	129,720	96,878	33.9%	100,985	28.5%
CHF/USD PQO 2pm Fix	2,808	3,672	-23.5%	922	204.6%
CAD/USD PQO 2pm Fix	93,319	40,185	132.2%	72,919	28.0%
AUD/USD PQO 2pm Fix	109,907	39,293	179.7%	54,034	103.4%
GBP/USD PQO 2pm Fix	183,088	55,111	232.2%	133,586	37.1%
EUR/USD PQO 2pm Fix	405,565	127,295	218.6%	294,121	37.9%

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CME Group Exchange Open Interest Report - Monthly

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Commodities and Alternative Investments					
Futures					
CORN	1,684,903	1,347,297	25.1%	1,541,851	9.3%
SOYBEAN	788,108	722,736	9.0%	708,342	11.3%
SOYBEAN MEAL	434,216	380,944	14.0%	376,516	15.3%
SOYBEAN OIL	509,740	405,813	25.6%	443,675	14.9%
OATS	6,265	7,564	-17.2%	6,546	-4.3%
ROUGH RICE	9,596	11,604	-17.3%	10,001	-4.0%
WHEAT	4,382	1,411	210.6%	1,012	333.0%
MINI CORN	10,244	9,953	2.9%	8,491	20.6%
MINI SOYBEAN	16,802	21,880	-23.2%	9,995	68.1%
MINI WHEAT	1,773	2,176	-18.5%	1,959	-9.5%
LIVE CATTLE	363,263	350,151	3.7%	335,368	8.3%
FEEDER CATTLE	53,473	49,638	7.7%	51,917	3.0%
LEAN HOGS	240,749	220,658	9.1%	243,562	-1.2%
LUMBER	7,169	3,898	83.9%	6,179	16.0%
MILK	26,883	32,959	-18.4%	26,684	0.7%
MLK MID	30	0	-	0	-
NFD MILK	8,241	7,547	9.2%	7,598	8.5%
BUTTER CS	7,337	5,426	35.2%	5,691	28.9%
CLASS IV MILK	1,654	4,457	-62.9%	1,889	-12.4%
DRY WHEY	4,216	5,475	-23.0%	4,095	3.0%
GSCI EXCESS RETURN FUT	58,571	46,027	27.3%	57,053	2.7%
GOLDMAN SACHS	14,409	15,158	-4.9%	14,085	2.3%
HOUSING INDEX	35	54	-35.2%	34	2.9%
HDD WEATHER	7,590	2,425	213.0%	7,738	-1.9%
CDD WEATHER	0	0	-	0	-
HDD SEASONAL STRIP	0	300	-100.0%	0	-
CDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER EUROPEAN	0	300	-100.0%	0	-
HDD EURO SEASONAL STRIP	0	150	-100.0%	0	-
CAT EURO SEASONAL STRIP	0	0	-	0	-
COFFEE	0	1	-100.0%	0	-
DOW-UBS COMMOD INDEX	82,302	35,047	134.8%	60,007	37.2%
SUGAR 11	0	1	-100.0%	0	-
COCOA TAS	4	13	-69.2%	4	0.0%
COTTON	1	3	-66.7%	1	0.0%
USD CRUDE PALM OIL	5,470	2,204	148.2%	4,870	12.3%
CASH-SETTLED CHEESE	30,802	24,242	27.1%	28,613	7.7%
FERTILIZER PRODUCTS	2,295	2,352	-2.4%	2,390	-4.0%
S&P GSCI ENHANCED ER SWAP	15,028	17,033	-11.8%	15,028	0.0%
CHI WHEAT	541,128	494,686	9.4%	526,746	2.7%
KC WHEAT	315,100	233,274	35.1%	330,541	-4.7%
MALAYSIAN PALM SWAP	19,624	23,766	-17.4%	20,592	-4.7%
PALM OIL	0	0	-	0	-
Intercommodity Spread	0	0	-	0	-
DJ_UBS ROLL SELECT INDEX FU	741	1,152	-35.7%	659	12.4%

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CME Group Exchange Open Interest Report - Monthly

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Commodities and Alternative Investments					
Options					
CORN	1,287,213	991,651	29.8%	1,003,718	28.2%
SOYBEAN	591,337	565,623	4.5%	422,556	39.9%
SOYBEAN MEAL	140,382	119,106	17.9%	99,646	40.9%
SOYBEAN OIL	95,574	128,651	-25.7%	75,650	26.3%
SOYBEAN CRUSH	136	242	-43.8%	126	7.9%
OATS	1,160	3,805	-69.5%	1,180	-1.7%
ROUGH RICE	2,126	1,953	8.9%	685	210.4%
WHEAT	213	260	-18.1%	0	0.0%
LIVE CATTLE	195,065	223,128	-12.6%	163,729	19.1%
FEEDER CATTLE	31,657	28,176	12.4%	35,728	-11.4%
LEAN HOGS	158,415	173,634	-8.8%	133,672	18.5%
LUMBER	2,381	979	143.2%	1,376	73.0%
MILK	70,308	92,669	-24.1%	84,400	-16.7%
MLK MID	305	703	-56.6%	405	-24.7%
NFD MILK	12,682	6,743	88.1%	15,879	-20.1%
BUTTER CS	7,586	6,786	11.8%	9,668	-21.5%
CLASS IV MILK	3,565	6,913	-48.4%	4,587	-22.3%
DRY WHEY	3,209	1,240	158.8%	3,649	-12.1%
HOUSING INDEX	17	18	-5.6%	17	0.0%
HDD WEATHER	0	1,250	-100.0%	0	-
CDD WEATHER	0	0	-	0	-
HDD SEASONAL STRIP	14,000	16,700	-16.2%	14,000	0.0%
CDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	2,500	2,500	0.0%	2,500	0.0%
NOV-NOV SOYBEAN CAL SPRD	9	64	-85.9%	0	-
JULY-NOV SOYBEAN CAL SPRD	2,518	11,450	-78.0%	550	357.8%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	504	2,025	-75.1%	400	26.0%
SOYBN NEARBY+2 CAL SPRD	0	725	-100.0%	0	-
WHEAT NEARBY+2 CAL SPRD	5,987	5,316	12.6%	5,385	11.2%
CORN NEARBY+2 CAL SPRD	2,050	3,001	-31.7%	100	1,950.0%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC WHEAT CAL SPRD	0	500	-100.0%	0	-
LV CATL CSO	5	886	-99.4%	5	0.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-
WHEAT-CORN IC SO	2,716	4,476	-39.3%	3,016	-9.9%
CASH-SETTLED CHEESE	48,474	35,617	36.1%	49,446	-2.0%
JULY-DEC SOY OIL CAL SPRD	0	675	-100.0%	0	-
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-
DEC-DEC CORN CAL SPRD	77	2,006	-96.2%	76	1.3%
DEC-JULY CORN CAL SPRD	0	600	-100.0%	0	-
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-
CHI WHEAT	412,375	320,032	28.9%	304,916	35.2%
KC WHEAT	84,297	42,187	99.8%	44,581	89.1%
Intercommodity Spread	3,078	600	413.0%	0	-
MAR-JULY CORN CAL SPRD	70	0	-	70	0.0%
MAR-JULY WHEAT CAL SPRD	845	1,354	-37.6%	845	0.0%
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-

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

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CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2018	Open Interest JAN 2017	% CHG	Open Interest DEC 2018	% CHG
Foreign Exchange Futures					
CHILEAN PESO	1,706	82	1,980.5%	2,760	-38.2%
Foreign Exchange Options					
AUD/USD PQO 2pm Fix	4	0	-	1	300.0%
Ags Futures					
FERTILIZER PRODUCTS	1,000	0	-	400	150.0%
TOTAL FUTURES GROUP					
Interest Rate Futures	28,246,025	22,662,973	24.6%	24,502,256	15.3%
Equity Index Futures	4,989,869	3,599,551	38.6%	4,556,269	9.5%
Metals Futures	1,284,554	1,079,423	19.0%	1,206,899	6.4%
Energy Futures	15,959,986	19,501,160	-18.2%	16,083,793	-0.8%
FX Futures	1,980,975	1,515,118	30.7%	1,753,364	13.0%
Commodities and Alternative Invest	5,272,144	4,489,775	17.4%	4,859,732	8.5%
Foreign Exchange Futures	1,706	82	1,980.5%	2,760	-38.2%
Ags Futures	1,000	0	-	400	150.0%
TOTAL FUTURES	57,736,259	52,848,082	9.2%	52,965,473	9.0%
TOTAL OPTIONS GROUP					
Interest Rate Options	48,179,074	41,954,383	14.8%	39,767,885	21.2%
Equity Index Options	5,635,253	4,685,464	20.3%	4,541,693	24.1%
Metals Options	1,142,762	1,057,559	8.1%	977,916	16.9%
Energy Options	7,093,945	7,225,130	-1.8%	6,648,592	6.7%
FX Options	927,699	817,401	13.5%	659,208	40.7%
Commodities and Alternative Invest	3,182,836	2,804,244	13.5%	2,482,561	28.2%
Foreign Exchange Options	4	0	-	1	300.0%
TOTAL OPTIONS	66,161,573	58,544,181	13.0%	55,077,856	20.1%
TOTAL COMBINED					
Interest Rate	76,425,099	64,617,356	18.3%	64,270,141	18.9%
Equity Index	10,625,122	8,285,015	28.2%	9,097,962	16.8%
Metals	2,427,316	2,136,982	13.6%	2,184,815	11.1%
Energy	23,053,931	26,726,290	-13.7%	22,732,385	1.4%
FX	2,908,674	2,332,519	24.7%	2,412,572	20.6%
Commodities and Alternative Invest	8,454,980	7,294,019	15.9%	7,342,293	15.2%
Foreign Exchange	1,710	82	1,985.4%	2,761	-38.1%
Ags	1,000	0	-	400	150.0%
GRAND TOTAL	123,897,832	111,392,263	11.2%	108,043,329	14.7%

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