



CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2018	Open Interest SEP 2017	% CHG	Open Interest AUG 2018	% CHG
Interest Rate Futures					
10-YR NOTE	4,021,307	3,126,281	28.6%	3,829,258	5.0%
10-YR SWAP RATE	29,710	28,198	5.4%	30,236	-1.7%
1-MONTH EURODOLLAR	201	2,881	-93.0%	353	-43.1%
2-YR NOTE	2,223,076	1,600,017	38.9%	2,084,150	6.7%
2-YR SWAP RATE	0	0	-	0	-
30-YR BOND	892,255	712,261	25.3%	873,841	2.1%
30-YR SWAP RATE	0	173	-100.0%	0	-
5-YR NOTE	4,433,007	2,969,097	49.3%	4,064,990	9.1%
5-YR SWAP RATE	16,893	20,444	-17.4%	19,909	-15.1%
7-YR SWAP	0	0	-	0	-
EURODOLLARS	14,045,418	12,672,724	10.8%	14,239,640	-1.4%
FED FUND	1,888,275	1,601,282	17.9%	2,026,439	-6.8%
SOFR	33,538	0	-	30,181	11.1%
Ultra 10-Year Note	616,685	439,884	40.2%	547,399	12.7%
ULTRA T-BOND	1,050,323	816,810	28.6%	1,037,009	1.3%
Interest Rate Options					
10-YR NOTE	3,043,779	3,267,922	-6.9%	2,476,548	22.9%
2-YR NOTE	231,441	380,361	-39.2%	196,207	18.0%
30-YR BOND	898,192	728,845	23.2%	659,033	36.3%
5-YR NOTE	1,540,029	1,305,524	18.0%	1,389,084	10.9%
EURODOLLARS	27,035,837	22,598,246	19.6%	28,843,445	-6.3%
EURO MIDCURVE	15,672,186	15,275,693	2.6%	16,583,060	-5.5%
FED FUND	1,600	5,601	-71.4%	1,495	7.0%
Ultra 10-Year Note	0	0	-	0	-
ULTRA T-BOND	9,499	2,083	356.0%	3,206	196.3%
	251	0	-	0	-

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Equity Index Futures					
BITCOIN FUTURES	2,542	0	-	2,653	-4.2%
DJ US REAL ESTATE	27,419	18,262	50.1%	31,109	-11.9%
E-mini (\$5) Dow	108,283	156,979	-31.0%	106,174	2.0%
E-mini FTSE 100 (USD)	5	0	0.0%	6	-16.7%
E-mini FTSE China 50	50	248	-79.8%	100	-50.0%
E-MINI MIDCAP	85,560	89,507	-4.4%	85,106	0.5%
E-MINI NASDAQ 100	247,315	267,207	-7.4%	267,680	-7.6%
E-MINI RUSSELL 1000	8,774	8,436	4.0%	10,261	-14.5%
E-MINI RUSSELL 1000 GROWTH	1,815	4,174	-56.5%	6,064	-70.1%
E-MINI RUSSELL 1000 VALUE	4,999	12,099	-58.7%	5,655	-11.6%
E-MINI RUSSELL 2000	523,936	531,354	-1.4%	560,451	-6.5%
E-MINI S&P500	2,781,873	2,987,626	-6.9%	2,906,654	-4.3%
E-MINI S&P REAL ESTATE SELE	3,483	5,449	-36.1%	6,264	-44.4%
FT-SE 100	11	73	-84.9%	89	-87.6%
FTSE Emerging	15	16	-6.2%	62	-75.8%
IBOVESPA INDEX	486	400	21.5%	432	12.5%
NASDAQ BIOTECH	656	457	43.5%	656	0.0%
NIFTY 50	0	218	-100.0%	0	-
NIKKEI 225 (\$) STOCK	31,888	37,383	-14.7%	33,782	-5.6%
NIKKEI 225 (YEN) STOCK	69,138	49,265	40.3%	54,888	26.0%
S&P 500	229,986	93,620	145.7%	232,431	-1.1%
S&P 500/GI	10	22	-54.5%	13	-23.1%
S&P 500/VALUE	114,669	110,933	3.4%	114,059	0.5%
S&P 600 SMALLCAP EMINI	0	0	-	0	-
S&P CONSUMER DSCRTRNRY SE	4,238	3,644	16.3%	7,494	-43.4%
S&P CONSUMER STAPLES SECT	10,193	20,449	-50.2%	17,808	-42.8%
S&P ENERGY SECTOR	11,069	11,338	-2.4%	21,066	-47.5%
S&P FINANCIAL SECTOR	27,806	28,018	-0.8%	30,647	-9.3%
S&P HEALTH CARE SECTOR	14,169	8,866	59.8%	11,450	23.7%
S&P INDUSTRIAL SECTOR	6,807	4,717	44.3%	11,261	-39.6%
S&P MATERIALS SECTOR	9,872	5,245	88.2%	7,839	25.9%
S&P TECHNOLOGY SECTOR	11,960	9,542	25.3%	16,610	-28.0%
S&P UTILITIES SECTOR	17,888	23,602	-24.2%	31,012	-42.3%
YEN DENOMINATED TOPIX	82	0	-	189	-56.6%

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Equity Index Options					
E-mini (\$5) Dow	5,641	4,845	16.4%	9,742	-42.1%
E-MINI MIDCAP	0	0	-	0	-
E-MINI NASDAQ 100	63,708	65,175	-2.3%	82,477	-22.8%
E-MINI RUSSELL 2000	15,204	1,329	1,044.0%	20,089	-24.3%
E-MINI S&P500	1,761,206	1,339,395	31.5%	2,659,355	-33.8%
EOM E-MINI RUSSELL 2000 END	1,248	94	1,227.7%	2,459	-49.2%
EOM EMINI S&P	766,354	676,507	13.3%	845,475	-9.4%
EOM S&P 500	41,234	102,484	-59.8%	43,042	-4.2%
EOW1 E-MINI RUSSELL 2000 WE	319	756	-57.8%	400	-20.3%
EOW1 E-MINI RUSSELL 2000 WE	361	1,012	-64.3%	560	-35.5%
EOW1 EMINI S&P 500	269,786	368,037	-26.7%	311,811	-13.5%
EOW1 S&P 500	46,973	71,128	-34.0%	60,376	-22.2%
EOW2 E-MINI RUSSELL 2000 WE	354	896	-60.5%	607	-41.7%
EOW2 EMINI S&P 500	102,766	128,426	-20.0%	141,989	-27.6%
EOW2 S&P 500	3,475	8,326	-58.3%	3,778	-8.0%
EOW3 E-MINI RUSSELL 2000 WE	7,612	10,778	-29.4%	5,332	42.8%
EOW3 EMINI S&P 500	1,049,968	1,421,293	-26.1%	622,617	68.6%
EOW3 S&P 500	101,316	274,260	-63.1%	66,899	51.4%
EOW4 E-MINI RUSSELL 2000 WE	199	0	-	0	-
EOW4 EMINI S&P 500	39,438	65,117	-39.4%	0	-
S&P 500	92,539	75,759	22.1%	132,925	-30.4%
Metals Futures					
ALUMINUM	58,595	62,995	-7.0%	62,040	-5.6%
COMEX COPPER	238,539	272,255	-12.4%	233,727	2.1%
COMEX E-Mini GOLD	3,029	797	280.1%	3,102	-2.4%
COMEX E-Mini SILVER	264	105	151.4%	206	28.2%
COMEX GOLD	457,853	531,843	-13.9%	469,839	-2.6%
COMEX MINY COPPER	33	269	-87.7%	30	10.0%
COMEX SILVER	204,131	183,000	11.5%	212,641	-4.0%
COPPER	11,446	995	1,050.4%	11,585	-1.2%
E-MICRO GOLD	14,748	6,945	112.4%	14,131	4.4%
FERROUS PRODUCTS	3,016	365	726.3%	2,731	10.4%
GOLD	0	0	-	0	-
Gold Kilo	0	33	-100.0%	0	-
IRON ORE 62 CHINA PLATTS FU	320	3,724	-91.4%	400	-20.0%
IRON ORE 62 CHINA TSI FUTURE	8,979	13,784	-34.9%	10,118	-11.3%
LNDN ZINC	17	10	70.0%	13	30.8%
METALS	0	0	-	0	-
NYMEX HOT ROLLED STEEL	14,456	13,332	8.4%	15,268	-5.3%
NYMEX PLATINUM	71,308	71,236	0.1%	87,077	-18.1%
PALLADIUM	23,288	31,533	-26.1%	18,563	25.5%
SILVER	1,462	1,439	1.6%	1,478	-1.1%
URANIUM	4,077	4,227	-3.5%	3,090	31.9%

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Metals Options					
COMEX COPPER	23,145	7,471	209.8%	16,891	37.0%
COMEX GOLD	1,289,414	1,032,853	24.8%	1,287,185	0.2%
COMEX SILVER	226,174	109,781	106.0%	221,366	2.2%
COPPER	0	0	-	0	0.0%
GOLD	5,671	2,388	137.5%	3,638	55.9%
HOT ROLLED COIL STEEL CALL	300	0	-	400	-25.0%
IRON ORE 62 CHINA TSI CALL O	996	9,831	-89.9%	1,204	-17.3%
IRON ORE 62 CHINA TSI PUT OP	220	8,860	-97.5%	350	-37.1%
NIKKEI 225 (YEN) STOCK	6	0	-	0	-
NYMEX PLATINUM	5,354	2,343	128.5%	8,968	-40.3%
PALLADIUM	2,042	2,986	-31.6%	2,379	-14.2%
SILVER	593	0	0.0%	508	16.7%
Energy Futures					
3.5% FUEL OIL CID MED SWA	158	313	-49.5%	148	6.8%
3.5% FUEL OIL CIF BALMO S	0	0	-	0	-
AEP-DAYTON HUB DAILY	68	180	-62.2%	82	-17.1%
AEP-DAYTON HUB MTHLY	0	280	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	0	200	-100.0%	0	-
ALGON CITY GATES NAT GAS	0	488	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	0	702	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	0	0	-	0	-
ANR OKLAHOMA	518	1,981	-73.9%	668	-22.5%
APPALACHIAN COAL (PHY)	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	37,984	26,810	41.7%	40,046	-5.1%
ARGUS PROPAN FAR EST INDE	5,688	2,839	100.4%	5,420	4.9%
ARGUS PROPAN(SAUDI ARAMC	3,008	1,010	197.8%	2,164	39.0%
AUSTRIALIAN COKE COAL	144	522	-72.4%	168	-14.3%
BRENT BALMO SWAP	100	100	0.0%	0	-
BRENT CALENDAR SWAP	18,565	18,451	0.6%	19,293	-3.8%
BRENT CFD SWAP	0	0	-	0	-
BRENT FINANCIAL FUTURES	5,322	6,366	-16.4%	4,449	19.6%
BRENT OIL LAST DAY	200,540	149,502	34.1%	185,571	8.1%
CAISO SP15 EZGNHUB5 MW P	0	0	-	0	-
CAISO SP15 EZGNHUB5 PEAK	0	550	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	14	1,314	-98.9%	21	-33.3%
CENTERPOINT BASIS SWAP	4,005	11,797	-66.1%	4,689	-14.6%
CENTERPOINT EAST INDEX	0	0	-	0	-
CEU ENERGY	380	0	-	331	14.8%
CHICAGO ETHANOL SWAP	55,220	50,827	8.6%	63,663	-13.3%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	1,675	1,132	48.0%	1,528	9.6%
CHICAGO UNL GAS PL VS RBO	225	12	1,775.0%	675	-66.7%
CIG BASIS	10,588	28,887	-63.3%	11,996	-11.7%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	40	120	-66.7%	50	-20.0%
CINERGY HUB PEAK MONTH	96	288	-66.7%	120	-20.0%
CIN HUB 5MW D AH O PK	28,280	230,056	-87.7%	41,440	-31.8%
CIN HUB 5MW D AH PK	4,348	11,121	-60.9%	5,720	-24.0%

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Energy Futures					
CIN HUB 5MW REAL TIME O P	232,584	547,240	-57.5%	261,704	-11.1%
CIN HUB 5MW REAL TIME PK	23,686	42,145	-43.8%	23,988	-1.3%
COAL SWAP	40	210	-81.0%	40	0.0%
COLUMB GULF MAINLINE NG B	1,005	8,022	-87.5%	1,330	-24.4%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
COLUMBIA GULF ONSHORE	0	4,324	-100.0%	0	-
CONWAY NATURAL GASOLINE (840	1,320	-36.4%	985	-14.7%
CONWAY NORMAL BUTANE (OPI	1,714	3,780	-54.7%	1,694	1.2%
CONWAY PROPANE 5 DECIMALS	25,538	18,892	35.2%	26,527	-3.7%
CRUDE OIL	23,952	21,316	12.4%	23,222	3.1%
CRUDE OIL OUTRIGHTS	150,727	65,570	129.9%	156,338	-3.6%
CRUDE OIL PHY	2,255,749	2,466,177	-8.5%	2,299,818	-1.9%
CRUDE OIL SPRDS	161,866	35,343	358.0%	168,759	-4.1%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	169,543	376,391	-55.0%	157,381	7.7%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
DATED TO FRONTLINE BRENT	3,840	12,065	-68.2%	4,125	-6.9%
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	976	2,920	-66.6%	1,224	-20.3%
DOMINION TRANSMISSION INC	16,035	39,591	-59.5%	17,355	-7.6%
DUBAI CRUDE OIL BALMO	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	20,310	7,870	158.1%	3,205	533.7%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	60	380	-84.2%	105	-42.9%
EAST/WEST FUEL OIL SPREAD	107	328	-67.4%	107	0.0%
EIA FLAT TAX ONHWAY DIESE	1,927	3,708	-48.0%	1,706	13.0%
ELEC ERCOT DLY OFF PK	0	0	-	0	-
ELEC ERCOT DLY PEAK	300	0	-	600	-50.0%
ELEC ERCOT OFF PEAK	0	0	-	0	-
ELEC FINSETTLED	1,190	1,949	-38.9%	1,236	-3.7%
ELEC MISO PEAK	1,245	4,157	-70.1%	1,590	-21.7%
ELEC NYISO OFF-PEAK	24,015	76,604	-68.7%	29,655	-19.0%
ELECTRICITY ERCOT PEAK	0	0	-	0	-
ELECTRICITY OFF PEAK	21,906	36,069	-39.3%	22,658	-3.3%
ELEC WEST POWER OFF-PEAK	0	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	0	3,880	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW OF	10,080	0	-	6,720	50.0%
ERCOT NORTH ZMCPE 5MW OF	0	21,200	-100.0%	29,120	-100.0%
ERCOT NORTH ZMCPE 5MW PE	0	3,880	-100.0%	950	-100.0%
ETHANOL	2,328	1,652	40.9%	1,998	16.5%
ETHANOL SWAP	170	0	-	110	54.5%
ETHANOL T2 FOB ROTT INCL DU	4,391	5,492	-20.0%	4,507	-2.6%
EURO 1% FUEL OIL NEW BALM	8	0	-	2	300.0%
EURO 3.5% FUEL OIL RDAM B	110	279	-60.6%	447	-75.4%

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Energy Futures					
EURO 3.5% FUEL OIL SPREAD	162	929	-82.6%	190	-14.7%
EURO-DENOMINATED PETRO P	96	150	-36.0%	640	-85.0%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	176	347	-49.3%	231	-23.8%
EUROPE 1% FUEL OIL NWE CA	142	35	305.7%	167	-15.0%
EUROPE 1% FUEL OIL RDAM C	3	3	0.0%	3	0.0%
EUROPE 3.5% FUEL OIL MED	166	344	-51.7%	157	5.7%
EUROPE 3.5% FUEL OIL RDAM	10,904	9,000	21.2%	12,101	-9.9%
EUROPEAN GASOIL (ICE)	212	1,251	-83.1%	221	-4.1%
EUROPEAN NAPHTHA BALMO	119	250	-52.4%	249	-52.2%
EUROPEAN NAPHTHA CRACK SP	16,438	11,447	43.6%	15,628	5.2%
EUROPE DATED BRENT SWAP	1,090	1,537	-29.1%	0	-
EUROPE JET KERO NWE CALSW	36	66	-45.5%	39	-7.7%
EUROPE NAPHTHA CALSWAP	3,327	2,686	23.9%	3,494	-4.8%
EURO PROPANE CIF ARA SWA	1,613	1,426	13.1%	1,668	-3.3%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-
FREIGHT MARKETS	2,455	852	188.1%	2,322	5.7%
FUEL OIL CRACK VS ICE	11,110	15,985	-30.5%	12,419	-10.5%
FUEL OIL NWE CRACK VS ICE	171	0	-	171	0.0%
FUEL OIL (PLATS) CAR CM	56	12	366.7%	70	-20.0%
FUEL OIL (PLATS) CAR CN	85	0	-	95	-10.5%
FUELOIL SWAP:CARGOES VS.B	783	1,045	-25.1%	803	-2.5%
GAS EURO-BOB OXY NWE BARG	6,873	4,448	54.5%	6,663	3.2%
GAS EURO-BOB OXY NWE BARG	32,221	30,348	6.2%	32,762	-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	0	20	-100.0%	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	63	130	-51.5%	85	-25.9%
GASOIL 0.1 ROTTERDAM BARG	105	35	200.0%	120	-12.5%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	191	801	-76.2%	238	-19.7%
GASOIL BULLET SWAP	0	130	-100.0%	0	-
GASOIL CALENDAR SWAP	17	38	-55.3%	22	-22.7%
GASOIL CRACK SPREAD CALEN	19,005	22,833	-16.8%	19,837	-4.2%
GASOIL MINI CALENDAR SWAP	805	492	63.6%	843	-4.5%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	91	100	-9.0%	124	-26.6%
GROUP THREE UNLEAD GAS (P	275	0	-	325	-15.4%
GRP THREE ULSD(PLT)VS HEA	8,411	14,023	-40.0%	8,796	-4.4%
GRP THREE UNL GS (PLT) VS	4,883	3,535	38.1%	4,337	12.6%
GULF COAST 3% FUEL OIL BA	236	1,607	-85.3%	1,271	-81.4%
GULF COAST GASOLINE CLNDR	0	0	-	0	-
GULF COAST JET FUEL CLNDR	932	866	7.6%	1,006	-7.4%
GULF COAST JET VS NYM 2 H	37,429	32,055	16.8%	33,113	13.0%
GULF COAST NO.6 FUEL OIL	47,896	45,060	6.3%	51,786	-7.5%
GULF COAST ULSD CALENDAR	1,887	2,718	-30.6%	1,475	27.9%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest SEP 2018	Open Interest SEP 2017	% CHG	Open Interest AUG 2018	% CHG
Energy Futures					
GULF COAST ULSD CRACK SPR	595	1,960	-69.6%	795	-25.2%
HEATING OIL BALMO CLNDR S	20	0	-	0	-
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	416,824	454,699	-8.3%	409,633	1.8%
HENRY HUB BASIS SWAP	8,614	10,404	-17.2%	1,038	729.9%
HENRY HUB FINANCIAL LAST	9	26	-65.4%	9	0.0%
HENRY HUB INDEX SWAP FUTU	8,486	4,148	104.6%	798	963.4%
HENRY HUB SWAP	1,093,565	1,200,606	-8.9%	1,108,063	-1.3%
HENRY HUB SWING FUTURE	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	12,797	20,796	-38.5%	13,337	-4.0%
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-
HTG OIL	182	354	-48.6%	201	-9.5%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
ICE BRENT DUBAI SWAP	43,140	44,556	-3.2%	44,188	-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	31,144	52,635	-40.8%	26,798	16.2%
INDONESIAN COAL	0	0	-	0	-
INDONESIAN COAL ICI4	295	0	-	220	34.1%
ISO NEW ENGLAND OFF-PEAK	0	56	-100.0%	0	-
ISO NEW ENGLAND PK LMP	0	68	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	202	2,264	-91.1%	229	-11.8%
JAPAN C&F NAPHTHA SWAP	2,602	1,563	66.5%	2,570	1.2%
JAPAN NAPHTHA BALMO SWAP	28	86	-67.4%	97	-71.1%
JET AV FUEL (P) CAR FM ICE GA	8	20	-60.0%	10	-20.0%
JET BARGES VS ICE GASOIL	0	0	-	0	-
JET CIF NWE VS ICE	436	473	-7.8%	494	-11.7%
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	4,410	5,324	-17.2%	4,625	-4.6%
LA CARB DIESEL (OPIS)	0	0	-	0	-
LA CARB DIESEL (OPIS) SWA	695	600	15.8%	930	-25.3%
LA CARBOB GASOLINE(OPIS)S	100	550	-81.8%	225	-55.6%
LA JET FUEL VS NYM NO 2 H	0	0	-	0	-
LA JET (OPIS) SWAP	1,758	2,660	-33.9%	2,133	-17.6%
LLS (ARGUS) CALENDAR SWAP	585	0	-	607	-3.6%
LLS (ARGUS) VS WTI SWAP	33,977	17,958	89.2%	33,396	1.7%
LTD NAT GAS	463,929	393,372	17.9%	452,786	2.5%
MARS (ARGUS) VS WTI SWAP	6,500	10,630	-38.9%	7,265	-10.5%
MARS (ARGUS) VS WTI TRD M	15,330	22,417	-31.6%	15,353	-0.1%
MARS BLEND CRUDE OIL	0	2,220	-100.0%	0	-
MCCLOSKEY ARA ARGS COAL	34,730	58,543	-40.7%	36,588	-5.1%
MCCLOSKEY RCH BAY COAL	4,339	8,542	-49.2%	4,951	-12.4%
MGF FUT	40	79	-49.4%	40	0.0%
MGN1 SWAP FUT	358	409	-12.5%	385	-7.0%
MICHCON NG INDEX SWAP	0	0	-	0	-
MICHIGAN BASIS	2,916	6,893	-57.7%	3,136	-7.0%
MICHIGAN MISO	11,781	111,110	-89.4%	14,574	-19.2%
MINI GAS EUROBOB OXY NWE A	183	93	96.8%	265	-30.9%
MINI RBOB V. EBOBARG NWE BF	348	1,000	-65.2%	375	-7.2%
MINI RBOB V. EBOB(ARGUS) NW	3,203	2,250	42.4%	3,498	-8.4%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
MINY HTG OIL	0	0	-	1	-100.0%
MINY NATURAL GAS	2,024	1,118	81.0%	1,301	55.6%
MINY RBOB GAS	0	0	-	0	0.0%
MINY WTI CRUDE OIL	4,093	4,212	-2.8%	3,805	7.6%
MJC FUT	280	620	-54.8%	325	-13.8%
MNC FUT	5,969	4,222	41.4%	5,892	1.3%
MONT BELVIEU ETHANE 5 DECI	44,032	74,617	-41.0%	45,025	-2.2%
MONT BELVIEU ETHANE OPIS B	195	150	30.0%	130	50.0%
MONT BELVIEU LDH PROPANE 5	126,015	111,716	12.8%	124,077	1.6%
MONT BELVIEU LDH PROPANE C	1,781	1,200	48.4%	987	80.4%
MONT BELVIEU NATURAL GASO	19,405	10,997	76.5%	18,538	4.7%
MONT BELVIEU NATURAL GASO	125	557	-77.6%	372	-66.4%
MONT BELVIEU NORMAL BUTAN	52,152	40,842	27.7%	51,434	1.4%
MONT BELVIEU NORMAL BUTAN	741	246	201.2%	940	-21.2%
NAT GAS BASIS SWAP	3,291	7,157	-54.0%	3,531	-6.8%
NATURAL GAS	80,269	110,424	-27.3%	76,118	5.5%
NATURAL GAS FIXED PRICE SW	0	0	-	0	-
NATURAL GAS INDEX	0	244	-100.0%	0	-
NATURAL GAS PEN SWP	155,955	204,090	-23.6%	163,685	-4.7%
NATURAL GAS PHY	1,623,201	1,334,262	21.7%	1,617,963	0.3%
NEPOOL CNCTCT 5MW D AH O	0	1,601	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	0	83	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	472,071	583,787	-19.1%	474,345	-0.5%
NEPOOL NE MASS 5MW D AH O	14,040	14,040	0.0%	14,040	0.0%
NEPOOL NE MASS 5MW D AH P	765	765	0.0%	765	0.0%
NEPOOL NEW HAMP 5MW D AH	0	0	-	0	-
NEPOOL RHD ISLD 5MW D AH	0	415	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	0	8,005	-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	3,202	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	0	166	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	2,006	1,848	8.5%	1,770	13.3%
NEW YORK ETHANOL SWAP	1,547	2,385	-35.1%	1,835	-15.7%
NEW YORK HUB ZONE G PEAK	2,448	1,166	109.9%	2,325	5.3%
NEW YORK HUB ZONE J PEAK	790	913	-13.5%	1,010	-21.8%
NGPL MID-CONTINENT	16,026	26,592	-39.7%	16,000	0.2%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
NGPL MIDCONTINENT SWING S	0	0	-	0	-
NGPL TEX/OK	15,813	26,207	-39.7%	17,967	-12.0%
NGPL TEXOK INDEX	0	0	-	0	-
N ILLINOIS HUB DAILY	178	294	-39.5%	178	0.0%
N ILLINOIS HUB MTHLY	0	80	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	575	674	-14.7%	450	27.8%
NORTHEN NATURAL GAS DEMA	576	2,332	-75.3%	704	-18.2%
NORTHEN NATURAL GAS VENTL	1,396	2,224	-37.2%	1,408	-0.9%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	21,823	47,283	-53.8%	23,833	-8.4%
N ROCKIES PIPE SWAP	59	273	-78.4%	59	0.0%
NY1% VS GC SPREAD SWAP	2,890	3,589	-19.5%	3,636	-20.5%
NY 2.2% FUEL OIL (PLATTS)	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
NY 3.0% FUEL OIL (PLATTS)	545	150	263.3%	600	-9.2%
NY HARBOR 1% FUEL OIL BAL	0	0	-	50	-100.0%
NY HARBOR HEAT OIL SWP	10,556	9,599	10.0%	11,380	-7.2%
NY HARBOR LOW SULPUR GAS	370	935	-60.4%	410	-9.8%
NY HARBOR RESIDUAL FUEL 1	1,866	3,693	-49.5%	2,107	-11.4%
NYH NO 2 CRACK SPREAD CAL	3,939	7,285	-45.9%	4,431	-11.1%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-
NYISO A	0	0	-	0	-
NYISO A OFF-PEAK	0	0	-	0	-
NYISO CAPACITY	1,478	2,982	-50.4%	1,830	-19.2%
NYISO G	0	0	-	0	-
NYISO G OFF-PEAK	0	0	-	0	-
NYISO J	0	415	-100.0%	0	-
NYISO J OFF-PEAK	0	120	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	20,686	99,150	-79.1%	25,950	-20.3%
NYISO ZONE A 5MW D AH PK	3,798	8,470	-55.2%	4,212	-9.8%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-
NYISO ZONE C 5MW D AH PK	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	608,998	567,414	7.3%	630,430	-3.4%
NYISO ZONE G 5MW D AH PK	24,481	24,438	0.2%	26,892	-9.0%
NYISO ZONE J 5MW D AH O P	174,641	275,461	-36.6%	184,041	-5.1%
NYISO ZONE J 5MW D AH PK	12,871	16,652	-22.7%	13,331	-3.5%
NY JET FUEL (PLATTS) HEAT OIL	0	0	-	0	-
NYMEX ALUMINUM FUTURES	612	880	-30.5%	540	13.3%
NYMEX ULSD VS NYMEX HO	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING	233	1,311	-82.2%	279	-16.5%
ONEOK OKLAHOMA NG BASIS	2,168	1,814	19.5%	1,708	26.9%
ONTARIO POWER SWAPS	0	13,555	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	6,935	20,732	-66.5%	7,665	-9.5%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-
PANHANDLE PIPE SWAP	591	648	-8.8%	788	-25.0%
PERMIAN BASIS SWAP	5,734	12,107	-52.6%	6,154	-6.8%
PETROCHEMICALS	15,968	9,997	59.7%	16,051	-0.5%
PETRO CRCKS & SPRDS ASIA	636	750	-15.2%	761	-16.4%
PETRO CRCKS & SPRDS NA	77,729	71,733	8.4%	79,432	-2.1%
PETRO CRK&SPRD EURO	17,287	17,414	-0.7%	18,713	-7.6%
PETROLEUM PRODUCTS	7,953	3,876	105.2%	5,573	42.7%
PETROLEUM PRODUCTS ASIA	2,066	1,922	7.5%	2,045	1.0%
PETRO OUTRIGHT EURO	11,825	12,568	-5.9%	11,578	2.1%
PETRO OUTRIGHT NA	9,637	12,689	-24.1%	8,348	15.4%
PJM AD HUB 5MW REAL TIME	257,592	478,351	-46.2%	268,783	-4.2%
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	53,860	-100.0%	0	-
PJM BGE DA OFF-PEAK	3,202	26,920	-88.1%	3,954	-19.0%
PJM BGE DA PEAK	166	1,460	-88.6%	212	-21.7%
PJM COMED 5MW D AH O PK	8,005	31,405	-74.5%	9,885	-19.0%
PJM COMED 5MW D AH PK	415	1,690	-75.4%	530	-21.7%
PJM DAILY	702	620	13.2%	710	-1.1%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
PJM DAYTON DA OFF-PEAK	76,592	152,628	-49.8%	79,600	-3.8%
PJM DAYTON DA PEAK	6,145	11,853	-48.2%	6,720	-8.6%
PJM JCPL DA OFF-PEAK	0	0	-	0	-
PJM JCPL DA PEAK	0	0	-	0	-
PJM MONTHLY	880	2,122	-58.5%	990	-11.1%
PJM NI HUB 5MW REAL TIME	257,411	990,497	-74.0%	320,771	-19.8%
PJM NILL DA OFF-PEAK	196,334	785,941	-75.0%	214,006	-8.3%
PJM NILL DA PEAK	12,200	38,750	-68.5%	13,465	-9.4%
PJM OFF-PEAK LMP SWAP FUT	160	664	-75.9%	202	-20.8%
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	40,960	93,640	-56.3%	42,840	-4.4%
PJM PSEG DA PEAK	1,275	3,800	-66.4%	1,275	0.0%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-
PJM WESTH DA OFF-PEAK	236,147	537,702	-56.1%	253,819	-7.0%
PJM WESTHDA PEAK	12,721	29,986	-57.6%	13,802	-7.8%
PJM WESTH RT OFF-PEAK	1,197,262	2,374,542	-49.6%	1,257,998	-4.8%
PJM WESTH RT PEAK	77,617	130,274	-40.4%	79,268	-2.1%
PLASTICS	809	1,535	-47.3%	814	-0.6%
PREMIUM UNLD 10P FOB MED	486	98	395.9%	422	15.2%
PREMIUM UNLEAD 10PPM FOB	35	0	-	31	12.9%
PREM UNL GAS 10PPM RDAM F	0	0	-	0	-
PREM UNL GAS 10PPM RDAM F	256	0	-	128	100.0%
PROPANE NON-LDH MB (OPIS) B	596	600	-0.7%	707	-15.7%
PROPANE NON-LDH MT. BEL (OF	59,465	21,563	175.8%	55,322	7.5%
RBOB CALENDAR SWAP	16,926	18,564	-8.8%	17,158	-1.4%
RBOB CRACK SPREAD	5,388	3,980	35.4%	5,806	-7.2%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GAS	98	2,488	-96.1%	105	-6.7%
RBOB GASOLINE BALMO CLNDR	1,252	1,235	1.4%	833	50.3%
RBOB PHY	419,158	393,454	6.5%	444,730	-5.8%
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	0	10	-100.0%	0	-
RBOB UP-DOWN CALENDAR SW	0	0	-	0	-
RBOB VS HEATING OIL SWAP	420	2,741	-84.7%	675	-37.8%
ROCKIES KERN OPAL - NW IN	0	0	-	0	-
SAN JUAN BASIS SWAP	10,853	23,290	-53.4%	11,882	-8.7%
SAN JUAN PIPE SWAP	360	0	-	360	0.0%
SINGAPORE 180CST BALMO	5	10	-50.0%	48	-89.6%
SINGAPORE 380CST BALMO	132	346	-61.8%	277	-52.3%
SINGAPORE 380CST FUEL OIL	10,943	10,231	7.0%	12,267	-10.8%
SINGAPORE FUEL 180CST CAL	867	1,709	-49.3%	1,046	-17.1%
SINGAPORE FUEL OIL SPREAD	910	1,420	-35.9%	1,017	-10.5%
SINGAPORE GASOIL	8,438	10,134	-16.7%	8,668	-2.7%
SINGAPORE GASOIL CALENDAR	173	150	15.3%	50	246.0%
SINGAPORE GASOIL SWAP	9,275	15,052	-38.4%	9,985	-7.1%
SINGAPORE GASOIL VS ICE	41,626	11,560	260.1%	43,416	-4.1%
SINGAPORE JET KERO BALMO	0	0	-	0	-
SINGAPORE JET KERO GASOIL	11,310	4,190	169.9%	11,460	-1.3%
SINGAPORE JET KEROSENE SW	4,230	2,992	41.4%	3,350	26.3%

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Energy Futures					
SINGAPORE JET KERO VS. GAS	0	50	-100.0%	375	-100.0%
SINGAPORE MOGAS 92 UNLEAD	370	0	-	1,793	-79.4%
SINGAPORE MOGAS 92 UNLEAD	14,890	11,358	31.1%	13,903	7.1%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	0	0	-	0	-
SING FUEL	0	30	-100.0%	0	-
SOCAL PIPE SWAP	0	0	-	0	-
SONAT BASIS SWAP FUTURE	0	184	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	30	168	-82.1%	40	-25.0%
Sumas Basis Swap	3,311	7,169	-53.8%	3,581	-7.5%
SUMAS NAT GAS PLATTS FIXED	0	184	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	229	0	-	160	43.1%
TC5 RAS TANURA TO YOKOHAM	105	0	-	0	-
TCO BASIS SWAP	5,303	16,868	-68.6%	5,723	-7.3%
TCO NG INDEX SWAP	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	4,645	0	-	4,700	-1.2%
TENN 800 LEG NAT GAS INDE	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	0	62	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	0	62	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	0	666	-100.0%	0	-
TETCO M-3 INDEX	0	1,708	-100.0%	0	-
Tetco STX Basis	184	1,006	-81.7%	244	-24.6%
TEXAS EASTERN ZONE M-3 BA	3,223	9,605	-66.4%	3,523	-8.5%
TEXAS GAS ZONE1 NG BASIS	1,444	7,812	-81.5%	1,920	-24.8%
Transco Zone 3 Basis	828	4,599	-82.0%	1,098	-24.6%
TRANSCO ZONE 3 NG INDEX S	0	2,074	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	4,246	13,165	-67.7%	4,636	-8.4%
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	581	3,487	-83.3%	851	-31.7%
TRANSCO ZONE 6 INDEX	0	488	-100.0%	0	-
UCM FUT	0	114	-100.0%	10	-100.0%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	0	54	-100.0%	0	-
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	8,792	6,927	26.9%	4,762	84.6%
UP DOWN GC ULSD VS NMX HO	43,144	51,306	-15.9%	39,391	9.5%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-
WAHA BASIS	3,312	8,608	-61.5%	3,629	-8.7%
WAHA INDEX SWAP FUTURE	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	240	330	-27.3%	60	300.0%
WTI-BRENT BULLET SWAP	6,704	1,404	377.5%	6,704	0.0%
WTI-BRENT CALENDAR SWAP	135,642	57,703	135.1%	120,942	12.2%
WTI CALENDAR	174,912	140,638	24.4%	174,289	0.4%
WTS (ARGUS) VS WTI SWAP	61,503	45,787	34.3%	62,768	-2.0%
WTS (ARGUS) VS WTI TRD MT	5,258	3,658	43.7%	5,883	-10.6%

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CME Group Exchange Open Interest Report - Monthly

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Energy Options					
12 MO GASOIL CAL SWAP SPR	0	630	-100.0%	0	-
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-
BRENT 1 MONTH CAL	0	0	-	0	-
BRENT CALENDAR SWAP	6,711	7,699	-12.8%	7,070	-5.1%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	55,702	0	-	88,504	-37.1%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-
BRENT OIL LAST DAY	348,645	154,897	125.1%	306,938	13.6%
COAL API2 INDEX	4,670	5,528	-15.5%	4,215	10.8%
COAL API4 INDEX	25	0	-	25	0.0%
COAL SWAP	0	500	-100.0%	135	-100.0%
CRUDE OIL 1MO	283,105	578,334	-51.0%	363,780	-22.2%
CRUDE OIL APO	383,939	369,401	3.9%	398,287	-3.6%
CRUDE OIL CALNDR STRIP	170	0	-	170	0.0%
CRUDE OIL OUTRIGHTS	1,340	5,910	-77.3%	2,010	-33.3%
CRUDE OIL PHY	3,011,658	3,045,682	-1.1%	2,876,783	4.7%
ELEC FINSETTLED	0	0	-	0	-
ELEC MISO PEAK	0	0	-	0	-
ETHANOL	0	0	-	0	0.0%
ETHANOL SWAP	9,113	13,387	-31.9%	11,868	-23.2%
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	37,280	63,063	-40.9%	31,012	20.2%
HENRY HUB FINANCIAL LAST	5,437	7,767	-30.0%	5,311	2.4%
HO 1 MONTH CLNDR OPTIONS	0	200	-100.0%	0	-
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
LLS CRUDE OIL	900	7,925	-88.6%	1,200	-25.0%
MCCLOSKEY ARA ARGV COAL	215	1,055	-79.6%	225	-4.4%
MCCLOSKEY RCH BAY COAL	450	0	-	430	4.7%
NATURAL GAS	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	62,120	134,408	-53.8%	36,966	68.0%
NATURAL GAS 2 M CSO FIN	0	3,550	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	0	0	-	43,220	-100.0%
NATURAL GAS 5 M CSO FIN	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	11,350	8,150	39.3%	6,700	69.4%
NATURAL GAS OPTION ON CALE	12,822	9,238	38.8%	13,086	-2.0%
NATURAL GAS PHY	2,038,959	2,025,587	0.7%	1,908,269	6.8%
NATURAL GAS WINTER STRIP	1,700	0	-	1,200	41.7%
NG HH 3 MONTH CAL	0	0	-	0	-
N ROCKIES PIPE SWAP	2,986	6,754	-55.8%	2,750	8.6%
NY HARBOR HEAT OIL SWP	14,759	20,479	-27.9%	14,930	-1.1%
NYISO ZONE G 5MW PEAK OPTI	0	5,880	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
PANHANDLE PIPE SWAP	1,440	2,160	-33.3%	1,920	-25.0%
PETROCHEMICALS	6,988	8,751	-20.1%	6,886	1.5%
PETRO OUTRIGHT EURO	0	200	-100.0%	0	-
PETRO OUTRIGHT NA	216	0	-	30	620.0%

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CME Group Exchange Open Interest Report - Monthly

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Energy Options					
PJM MONTHLY	0	0	-	0	-
PJM WES HUB PEAK CAL MTH	1,780	3,400	-47.6%	1,790	-0.6%
PJM WES HUB PEAK LMP 50MW	5,113	15,778	-67.6%	6,512	-21.5%
RBOB 1MO CAL SPD OPTIONS	0	750	-100.0%	0	-
RBOB CALENDAR SWAP	425	1,502	-71.7%	525	-19.0%
RBOB PHY	8,307	20,438	-59.4%	9,025	-8.0%
ROTTERDAM 3.5%FUEL OIL CL	0	160	-100.0%	0	-
SAN JUAN PIPE SWAP	2,496	5,364	-53.5%	2,260	10.4%
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	200	525	-61.9%	650	-69.2%
SINGAPORE GASOIL CALENDAR	0	100	-100.0%	0	-
SINGAPORE JET FUEL CALEND	0	160	-100.0%	0	-
SOCAL PIPE SWAP	0	0	-	0	-
WTI-BRENT BULLET SWAP	199,171	202,601	-1.7%	194,906	2.2%
WTI CRUDE OIL 1 M CSO FI	110,475	285,624	-61.3%	127,275	-13.2%
FX Futures					
AD/CD CROSS RATES	0	73	-100.0%	2	-100.0%
AD/JY CROSS RATES	1,408	1,682	-16.3%	710	98.3%
AD/NE CROSS RATES	15	13	15.4%	60	-75.0%
AUSTRALIAN DOLLAR	156,217	146,769	6.4%	148,036	5.5%
BDI	0	0	-	0	-
BP/JY CROSS RATES	559	537	4.1%	664	-15.8%
BP/SF CROSS RATES	68	13	423.1%	174	-60.9%
BRAZIL REAL	44,052	50,198	-12.2%	51,466	-14.4%
BRITISH POUND	217,848	180,650	20.6%	256,879	-15.2%
CANADIAN DOLLAR	113,360	178,209	-36.4%	144,141	-21.4%
CD/JY CROSS RATES	0	0	0.0%	23	-100.0%
CHINESE RENMINBI (CNH)	1,896	968	95.9%	2,420	-21.7%
CZECK KORUNA (EC)	2	0	-	2	0.0%
CZECK KORUNA (US)	0	0	-	15	-100.0%
EC/AD CROSS RATES	2,158	1,085	98.9%	1,619	33.3%
EC/CD CROSS RATES	1,944	1,492	30.3%	1,695	14.7%
EC/NOK CROSS RATES	154	16	862.5%	331	-53.5%
EC/SEK CROSS RATES	687	463	48.4%	901	-23.8%
EFX/BP CROSS RATES	37,275	34,062	9.4%	36,089	3.3%
EFX/JY CROSS RATES	24,220	23,363	3.7%	27,997	-13.5%
EFX/SF CROSS RATES	11,539	12,308	-6.2%	9,609	20.1%
E-MICRO AUD/USD	2,089	1,634	27.8%	5,441	-61.6%
E-MICRO CAD/USD	1,528	2,447	-37.6%	2,831	-46.0%
E-MICRO CHF/USD	536	122	339.3%	573	-6.5%
E-MICRO EUR/USD	6,179	5,156	19.8%	9,236	-33.1%
E-MICRO GBP/USD	1,774	2,332	-23.9%	3,371	-47.4%
E-MICRO INR/USD	219	289	-24.2%	381	-42.5%
E-MICRO JPY/USD	1,498	1,071	39.9%	1,276	17.4%
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	-

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CME Group Exchange Open Interest Report - Monthly

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FX Futures					
E-MINI EURO FX	13,269	12,072	9.9%	13,312	-0.3%
E-MINI JAPANESE YEN	603	1,000	-39.7%	1,337	-54.9%
EURO FX	479,833	436,806	9.9%	534,407	-10.2%
HUNGARIAN FORINT (EC)	0	0	-	0	-
HUNGARIAN FORINT (US)	0	0	-	0	-
INDIAN RUPEE	2,449	1,574	55.6%	1,275	92.1%
JAPANESE YEN	234,221	233,988	0.1%	189,297	23.7%
KOREAN WON	347	29	1,096.6%	365	-4.9%
MEXICAN PESO	213,663	206,153	3.6%	219,156	-2.5%
NEW ZEALND DOLLAR	56,826	34,429	65.1%	53,970	5.3%
NKR/USD CROSS RATE	1,685	1,014	66.2%	2,460	-31.5%
POLISH ZLOTY (EC)	5	3	66.7%	21	-76.2%
POLISH ZLOTY (US)	25	56	-55.4%	34	-26.5%
RMB USD	5	23	-78.3%	5	0.0%
RUSSIAN RUBLE	23,289	44,602	-47.8%	25,597	-9.0%
S.AFRICAN RAND	7,674	19,475	-60.6%	8,795	-12.7%
SF/JY CROSS RATES	7	0	-	0	-
SHEKEL	13	249	-94.8%	0	-
SKR/USD CROSS RATES	1,555	1,778	-12.5%	1,878	-17.2%
SWISS FRANC	53,308	41,506	28.4%	81,201	-34.4%
TURKISH LIRA	405	3,650	-88.9%	1,220	-66.8%
USDZAR	0	0	-	0	-
FX Options					
AUD/USD PQO 2pm Fix	70,133	80,649	-13.0%	69,393	1.1%
AUSTRALIAN DLR (EU)	0	0	-	0	-
AUSTRALIAN DOLLAR	0	0	-	0	-
BRITISH POUND	0	0	-	0	-
BRITISH POUND (EU)	36	1,327	-97.3%	121	-70.2%
CAD/USD PQO 2pm Fix	74,400	104,335	-28.7%	72,127	3.2%
CANADIAN DOLLAR	0	0	-	0	-
CANADIAN DOLLAR (EU)	0	6	-100.0%	0	-
CHF/USD PQO 2pm Fix	3,339	4,585	-27.2%	7,130	-53.2%
EFX/JY CROSS RATES	0	0	-	0	-
EURO FX	0	0	-	0	-
EURO FX (EU)	10	77	-87.0%	29	-65.5%
EUR/USD PQO 2pm Fix	277,005	325,411	-14.9%	344,151	-19.5%
GBP/USD PQO 2pm Fix	188,800	172,453	9.5%	176,109	7.2%
JAPANESE YEN	0	0	-	0	-
JAPANESE YEN (EU)	0	18	-100.0%	0	-
JPY/USD PQO 2pm Fix	114,560	174,163	-34.2%	135,083	-15.2%
MEXICAN PESO	2,099	463	353.3%	931	125.5%
RUSSIAN RUBLE	0	0	-	0	-
SWISS FRANC	0	0	-	0	-
SWISS FRANC (EU)	0	1	-100.0%	0	-
Foreign Exchange Futures					
CHILEAN PESO	1,089	2,297	-52.6%	857	27.1%

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CME Group Exchange Open Interest Report - Monthly

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Foreign Exchange Options					
AUD/USD PQO 2pm Fix	65	0	-	0	-
Ags Futures					
FERTILIZER PRODUCTS	1,440	1,000	44.0%	1,410	2.1%

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Futures					
BUTTER CS	6,674	6,124	9.0%	5,690	17.3%
CASH-SETTLED CHEESE	23,896	20,648	15.7%	20,856	14.6%
CAT EURO SEASONAL STRIP	0	0	-	0	-
CATTLE	331,189	334,439	-1.0%	307,244	7.8%
CDD SEASONAL STRIP	0	1,100	-100.0%	600	-100.0%
CDD WEATHER	0	5,100	-100.0%	0	-
CHI WHEAT	466,259	430,675	8.3%	446,886	4.3%
CLASS IV MILK	1,825	2,863	-36.3%	1,602	13.9%
COCOA TAS	0	0	0.0%	0	-
COFFEE	0	0	-	0	-
CORN	1,687,810	1,407,404	19.9%	1,654,003	2.0%
COTTON	1	3	-66.7%	2	-50.0%
DJ_UBS ROLL SELECT INDEX FU	2,578	1,070	140.9%	2,951	-12.6%
DOW-UBS COMMOD INDEX	31,954	64,265	-50.3%	31,226	2.3%
DRY WHEY	4,002	3,813	5.0%	3,369	18.8%
FEEDER CATTLE	56,956	60,872	-6.4%	49,445	15.2%
FERTILIZER PRODUCTS	4,085	2,970	37.5%	3,780	8.1%
GOLDMAN SACHS	15,189	14,565	4.3%	15,272	-0.5%
GSCI EXCESS RETURN FUT	52,502	54,438	-3.6%	55,273	-5.0%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	50	0	-	0	-
HDD WEATHER	9,100	50	18,100.0%	0	-
HDD WEATHER EUROPEAN	18,000	0	-	18,000	0.0%
HOGS	224,556	258,826	-13.2%	226,701	-0.9%
HOUSING INDEX	47	45	4.4%	48	-2.1%
Intercommodity Spread	0	0	-	0	-
KC WHEAT	273,941	267,776	2.3%	257,520	6.4%
LUMBER	3,968	5,677	-30.1%	4,380	-9.4%
MALAYSIAN PALM SWAP	23,202	23,228	-0.1%	20,388	13.8%
MILK	24,571	27,378	-10.3%	20,797	18.1%
MINI CORN	8,060	5,382	49.8%	9,125	-11.7%
MINI SOYBEAN	14,122	15,570	-9.3%	20,312	-30.5%
MINI WHEAT	2,354	2,155	9.2%	2,278	3.3%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	7,170	6,770	5.9%	6,374	12.5%
OATS	4,245	5,839	-27.3%	4,221	0.6%
PALM OIL	0	0	-	0	-
ROUGH RICE	8,720	10,456	-16.6%	7,234	20.5%
SOYBEAN	866,033	682,660	26.9%	808,144	7.2%
SOYBEAN MEAL	517,353	363,400	42.4%	513,408	0.8%
SOYBEAN OIL	559,831	406,888	37.6%	525,102	6.6%
S&P GSCI ENHANCED ER SWAP	3,851	29,740	-87.1%	3,762	2.4%
SUGAR 11	0	2	-100.0%	0	-
USD CRUDE PALM OIL	4,440	420	957.1%	4,560	-2.6%
WHEAT	28,623	415	6,797.1%	26,012	10.0%
Ag Products Options					
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Options					
BUTTER CS	15,003	8,677	72.9%	11,357	32.1%
CASH-SETTLED CHEESE	34,090	35,491	-3.9%	28,942	17.8%
CATTLE	187,467	198,515	-5.6%	153,132	22.4%
CDD SEASONAL STRIP	500	2,800	-82.1%	700	-28.6%
CDD WEATHER	0	10,000	-100.0%	0	-
CHI WHEAT	424,911	328,266	29.4%	403,118	5.4%
CLASS IV MILK	5,224	6,532	-20.0%	4,462	17.1%
CORN	1,427,190	1,274,336	12.0%	1,374,078	3.9%
CORN NEARBY+2 CAL SPRD	9,420	6,126	53.8%	8,470	11.2%
DEC-DEC CORN CAL SPRD	7,751	10,033	-22.7%	8,452	-8.3%
DEC-JULY CORN CAL SPRD	10,074	18,525	-45.6%	8,844	13.9%
DEC-JULY WHEAT CAL SPRD	980	924	6.1%	60	1,533.3%
DRY WHEY	3,446	1,812	90.2%	2,734	26.0%
FEEDER CATTLE	24,650	31,630	-22.1%	25,001	-1.4%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	9,000	9,500	-5.3%	3,000	200.0%
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	277,164	209,002	32.6%	232,807	19.1%
HOUSING INDEX	2	17	-88.2%	2	0.0%
Intercommodity Spread	1,434	0	-	1,380	3.9%
JAN-MAY SOYBEAN CAL SPRD	0	36	-100.0%	0	-
JULY-DEC CORN CAL SPRD	800	0	-	600	33.3%
JULY-DEC SOYMEAL CAL SPRD	1,200	0	-	1,200	0.0%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	3,550	0	-	1,950	82.1%
KC WHEAT	83,497	49,955	67.1%	62,565	33.5%
LUMBER	1,048	1,073	-2.3%	559	87.5%
LV CATL CSO	191	652	-70.7%	22	768.2%
MAR-JULY CORN CAL SPRD	0	70	-100.0%	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	86,089	79,570	8.2%	74,086	16.2%
MLK MID OPTIONS	318	339	-6.2%	306	3.9%
NFD MILK	13,480	11,026	22.3%	10,612	27.0%
NOV-JULY SOYBEAN CAL SPRD	0	1,646	-100.0%	0	-
NOV-MAR SOYBEAN CSO	120	0	-	120	0.0%
NOV-NOV SOYBEAN CAL SPRD	105	50	110.0%	105	0.0%
OATS	1,150	2,860	-59.8%	668	72.2%
ROUGH RICE	2,710	3,658	-25.9%	1,357	99.7%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-
SOYBEAN	712,752	677,163	5.3%	692,080	3.0%
SOYBEAN CRUSH	40	255	-84.3%	40	0.0%
SOYBEAN MEAL	168,963	109,311	54.6%	181,871	-7.1%
SOYBEAN OIL	88,269	78,468	12.5%	80,219	10.0%
SOYBN NEARBY+2 CAL SPRD	0	10	-100.0%	0	-
SOYMEAL NEARBY+2 CAL SPRD	2,490	0	-	0	-
WHEAT	1,250	100	1,150.0%	300	316.7%
WHEAT-CORN ICSO	1,160	50	2,220.0%	1,175	-1.3%
WHEAT NEARBY+2 CAL SPRD	902	4,380	-79.4%	702	28.5%

***** 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 SEP 2018	Open Interest SEP 2017	% CHG	Open Interest AUG 2018	% CHG
TOTAL FUTURES GROUP					
Interest Rate Futures	29,250,688	23,990,052	21.9%	28,783,405	1.6%
Equity Index Futures	4,356,997	4,489,149	-2.9%	4,579,965	-4.9%
Metals Futures	1,115,561	1,198,887	-7.0%	1,146,039	-2.7%
Energy Futures	13,116,326	17,519,857	-25.1%	13,444,349	-2.4%
FX Futures	1,716,407	1,683,359	2.0%	1,840,272	-6.7%
Foreign Exchange Futures	1,089	2,297	-52.6%	857	27.1%
Ags Futures	1,440	1,000	44.0%	1,410	2.1%
Ag Products Futures	5,287,157	4,523,026	16.9%	5,076,565	4.1%
TOTAL FUTURES	54,845,665	53,407,627	2.7%	54,872,862	0.0%
TOTAL OPTIONS GROUP					
Interest Rate Options	48,432,814	43,564,275	11.2%	50,152,078	-3.4%
Equity Index Options	4,369,701	4,615,617	-5.3%	5,009,933	-12.8%
Metals Options	1,553,915	1,176,513	32.1%	1,542,889	0.7%
Energy Options	6,630,667	7,023,637	-5.6%	6,476,863	2.4%
FX Options	730,382	863,488	-15.4%	805,074	-9.3%
Foreign Exchange Options	65	0	-	0	-
Ag Products Options	3,608,390	3,172,858	13.7%	3,377,076	6.8%
TOTAL OPTIONS	65,325,934	60,416,388	8.1%	67,363,913	-3.0%
TOTAL COMBINED					
Interest Rate	77,683,502	67,554,327	15.0%	78,935,483	-1.6%
Equity Index	8,726,698	9,104,766	-4.2%	9,589,898	-9.0%
Metals	2,669,476	2,375,400	12.4%	2,688,928	-0.7%
Energy	19,746,993	24,543,494	-19.5%	19,921,212	-0.9%
FX	2,446,789	2,546,847	-3.9%	2,645,346	-7.5%
Foreign Exchange	1,154	2,297	-49.8%	857	34.7%
Ags	1,440	1,000	44.0%	1,410	2.1%
Ag Products	8,895,547	7,695,884	15.6%	8,453,641	5.2%
GRAND TOTAL	120,171,599	113,824,015	5.6%	122,236,775	-1.7%

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