

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Interest Rate Futures</b>					
30-YR BOND	753,132	689,944	9.2%	667,839	12.8%
10-YR NOTE	2,415,707	1,786,095	35.3%	2,206,356	9.5%
5-YR NOTE	2,012,277	1,521,569	32.3%	1,849,811	8.8%
2-YR NOTE	1,014,075	1,010,726	0.3%	940,037	7.9%
FED FUND	289,624	398,118	-27.3%	304,010	-4.7%
10-YR SWAP	0	12,769	-100.0%	0	-
5-YR SWAP	0	13,301	-100.0%	0	-
MINI EURODOLLAR	0	0	-	0	-
EUROYEN	1	0	-	1	0.0%
EURODOLLARS	10,464,530	8,578,074	22.0%	9,677,448	8.1%
5-YR SWAP RATE	33,896	0	-	19,927	70.1%
2-YR SWAP RATE	5,105	0	-	5,445	-6.2%
10-YR SWAP RATE	46,344	0	-	39,967	16.0%
EMINI ED	1	5	-80.0%	1	0.0%
7-YR SWAP	0	0	-	0	-
3-MONTH OIS	0	0	-	0	-
30-YR SWAP	0	28	-100.0%	0	-
1-MONTH EURODOLLAR	819	9,645	-91.5%	1,581	-48.2%
ULTRA T-BOND	489,300	409,642	19.4%	420,049	16.5%
OTR 10-YR NOTE	0	0	-	0	-
OTR 5-YR NOTE	0	0	-	0	-
OTR 2-YR NOTE	0	0	-	0	-
SOVEREIGN YIELD FUTURE	0	0	-	0	-
30-YR SWAP RATE	6,181	0	-	6,115	1.1%
EURO BONDS	0	143	-100.0%	0	-
<b>Interest Rate Options</b>					
30-YR BOND	427,416	325,985	31.1%	352,471	21.3%
10-YR NOTE	1,920,367	1,062,504	80.7%	2,124,042	-9.6%
5-YR NOTE	581,755	471,586	23.4%	1,300,587	-55.3%
2-YR NOTE	15,623	263,997	-94.1%	140,553	-88.9%
FED FUND	14,466	52,696	-72.5%	18,367	-21.2%
FLEX 30-YR BOND	0	800	-100.0%	0	-
FLEX 10-YR NOTE	0	0	-	0	-
FLEX 2-YR NOTE	0	0	-	0	-
EURODOLLARS	8,041,211	6,625,694	21.4%	7,810,035	3.0%
EURO MIDCURVE	14,187,080	7,240,303	95.9%	13,805,445	2.8%
TOMMI MIDCURVE	0	0	-	0	-
EURODOLLAR SPRD OPTIONS	0	0	-	0	-
ULTRA T-BOND	12,533	1,032	1,114.4%	1,587	689.7%
FED FUNDS MIDCURVE	0	0	-	0	-
	7,350	0	-	0	-

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Equity Index Futures</b>					
\$25 DJ	3	0	-	4	-25.0%
DJIA	13,823	15,205	-9.1%	13,563	1.9%
MINI \$5 DOW	135,626	90,296	50.2%	124,155	9.2%
E-MINI S&P500	2,907,085	3,117,384	-6.7%	2,793,416	4.1%
S&P 500	165,412	223,148	-25.9%	165,334	0.0%
S&P 600 SMALLCAP EMINI	20	53	-62.3%	27	-25.9%
E-MINI MSCI EAFE FUT	0	0	-	0	-
E-MINI MSCI	0	0	-	0	-
SPDR-S&P 500	0	0	-	0	-
TRAKRS BXY	0	0	-	0	-
TRAKRS PIMCO	0	0	-	0	-
TRAKRS PIMCO SPTR	0	0	-	0	-
E-MINI MIDCAP	114,191	120,540	-5.3%	109,384	4.4%
S&P 400 MIDCAP	488	3,030	-83.9%	585	-16.6%
S&P 500 GROWTH	111	45	146.7%	111	0.0%
S&P 500/VALUE	128	48	166.7%	126	1.6%
IWM-RUSSELL	0	0	-	0	-
E-MINI NASDAQ 100	412,529	391,770	5.3%	413,989	-0.4%
NASDAQ	9,700	27,910	-65.2%	8,678	11.8%
QQQ-NASDAQ	0	0	-	0	-
NIKKEI 225 (\$) STOCK	70,059	43,549	60.9%	66,999	4.6%
NIKKEI 225 (YEN) STOCK	98,945	51,492	92.2%	82,010	20.6%
S&P FIN SECT INDEX	0	0	-	0	-
DJ US REAL ESTATE	3,393	1,689	100.9%	3,335	1.7%
E-MICRO NIFTY	0	0	-	0	-
E-MINI NIFTY	0	0	-	0	-
S&P CONSUMER DSCRTNRY SE	1,808	997	81.3%	900	100.9%
S&P HEALTH CARE SECTOR	1,220	1,871	-34.8%	1,211	0.7%
S&P UTILITIES SECTOR	1,568	606	158.7%	1,460	7.4%
S&P CONSUMER STAPLES SECT	2,013	1,718	17.2%	1,620	24.3%
S&P TECHNOLOGY SECTOR	2,484	1,510	64.5%	2,075	19.7%
S&P INDUSTRIAL SECTOR	1,107	825	34.2%	1,068	3.7%
S&P FINANCIAL SECTOR	2,082	2,094	-0.6%	2,044	1.9%
S&P ENERGY SECTOR	590	369	59.9%	381	54.9%
S&P MATERIALS SECTOR	531	645	-17.7%	488	8.8%
IBOVESPA INDEX	75	146	-48.6%	69	8.7%
BESPOKE CUSTOM INDEXES	0	0	-	0	-

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Equity Index Options</b>					
DJIA	62	213	-70.9%	52	19.2%
MINI \$5 DOW	22,187	12,458	78.1%	21,225	4.5%
E-MINI S&P500	2,775,975	1,813,534	53.1%	2,856,038	-2.8%
S&P 500	337,462	413,121	-18.3%	380,541	-11.3%
E-MINI MIDCAP	274	9	2,944.4%	231	18.6%
E-MINI NASDAQ 100	72,710	58,325	24.7%	77,885	-6.6%
NASDAQ	92	30	206.7%	102	-9.8%
EOM S&P 500	7,760	8,711	-10.9%	8,067	-3.8%
EOM EMINI S&P	148,520	74,644	99.0%	102,179	45.4%
EOW2 EMINI S&P 500	70,373	22,779	208.9%	107,289	-34.4%
EOW2 S&P 500	9,233	344	2,584.0%	21,613	-57.3%
EOW1 EMINI S&P 500	243,383	96,905	151.2%	169,036	44.0%
EOW1 S&P 500	26,595	4,687	467.4%	33,999	-21.8%
EOW4 EMINI S&P 500	7,177	4,804	49.4%	26,795	-73.2%
<b>Metals Futures</b>					
COMEX COPPER	155,519	141,688	9.8%	157,932	-1.5%
COMEX MINY COPPER	112	103	8.7%	188	-40.4%
COMEX MINY GOLD	530	2,280	-76.8%	1,139	-53.5%
COMEX GOLD	387,611	446,115	-13.1%	391,339	-1.0%
COMEX SILVER	133,205	146,759	-9.2%	120,772	10.3%
E-MINI GOLD	0	0	-	0	-
COMEX MINY SILVER	136	183	-25.7%	188	-27.7%
E-MINI SILVER	3	4	-25.0%	3	0.0%
NYMEX PLATINUM	60,940	61,679	-1.2%	56,971	7.0%
NYMEX HOT ROLLED STEEL	14,619	12,902	13.3%	14,982	-2.4%
PALLADIUM	35,707	23,271	53.4%	38,808	-8.0%
E-MICRO GOLD	1,237	1,994	-38.0%	1,733	-28.6%
NYMEX IRON ORE FUTURES	4,463	3,808	17.2%	3,908	14.2%
VOLATILITY GOLD	0	0	-	0	-
AUSTRIALIAN COKE COAL	64	0	-	18	255.6%
SILVER	1,027	0	-	732	40.3%
COPPER	453	50	806.0%	419	8.1%
FERROUS PRODUCTS	195	447	-56.4%	254	-23.2%
IRON ORE	0	10	-100.0%	0	-
METALS	84	0	-	84	0.0%
<b>Metals Options</b>					
COMEX COPPER	1,936	725	167.0%	2,220	-12.8%
COMEX GOLD	1,366,797	949,708	43.9%	1,619,581	-15.6%
COMEX SILVER	174,004	175,543	-0.9%	244,475	-28.8%
NYMEX PLATINUM	19,849	17,267	15.0%	20,552	-3.4%
NYMEX HOT ROLLED STEEL	1,920	1,075	78.6%	3,150	-39.0%
PALLADIUM	11,295	6,851	64.9%	22,265	-49.3%
IRON ORE CHINA	3,762	11,449	-67.1%	3,378	11.4%
SHORT TERM	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
ETHANOL FWD	2,431	25,824	-90.6%	4,116	-40.9%
NATURAL GAS PHY	1,261,809	1,168,578	8.0%	1,284,770	-1.8%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	863	865	-0.2%	453	90.5%
GASOLINE UP-DOWN BALMO SW	430	103	317.5%	392	9.7%
FUEL OIL (PLATS) CAR CN	22	84	-73.8%	9	144.4%
FUEL OIL (PLATS) CAR CM	99	189	-47.6%	112	-11.6%
FAME 0 BIODIESEL FOB RTDM S	0	20	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEAD	14,983	10,018	49.6%	11,988	25.0%
ETHANOL T2 FOB ROTT INCL DU	2,836	1,172	142.0%	2,732	3.8%
ETHANOL T1FOB RTDM EX DUTY	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	150	1,225	-87.8%	280	-46.4%
JET AV FUEL (P) CAR FM ICE GA	67	35	91.4%	24	179.2%
NY JET FUEL (PLATTS) HEAT OIL	2,525	1,700	48.5%	3,350	-24.6%
PROPANE NON-LDH MB (OPIS) B	60	100	-40.0%	0	-
PROPANE NON-LDH MT. BEL (OF	1,462	1,042	40.3%	1,502	-2.7%
N ILLINOIS HUB DAILY	0	0	-	0	-
CINERGY HUB PEAK MONTH	3,842	7,320	-47.5%	4,102	-6.3%
NO 2 UP-DOWN SPREAD CALEN	2,120	2,017	5.1%	2,480	-14.5%
CIN HUB 5MW D AH O PK	233,592	209,856	11.3%	220,680	5.9%
NY 3.0% FUEL OIL (PLATTS	732	89	722.5%	1,186	-38.3%
ARGUS LLS VS. WTI (ARG) T	9,023	9,210	-2.0%	9,599	-6.0%
TRANSCO ZONE 1 NG BASIS	0	64	-100.0%	0	-
SOUTH STAR TEX OKLHM KNS	2,352	2,850	-17.5%	2,610	-9.9%
NYISO ZONE A 5MW D AH PK	45,723	9,315	390.9%	41,770	9.5%
NEPOOL MAINE 5MW D AH PK	123	2,123	-94.2%	192	-35.9%
NEPOOL INTR HUB 5MW D AH	397,682	718,908	-44.7%	421,482	-5.6%
PJM COMED 5MW D AH O PK	160,089	153,942	4.0%	175,129	-8.6%
NYISO ZONE A 5MW D AH O P	663,740	60,675	993.9%	609,354	8.9%
NEPOOL MAINE 5MW D AH O E	2,427	37,176	-93.5%	3,555	-31.7%
CHICAGO UNL GAS PL VS RBO	50	7	614.3%	0	-
PREMIUM UNLEAD 10PPM FOB	181	36	402.8%	63	187.3%
NEW YORK 0.3% FUEL OIL HI	0	0	-	0	-
GASOIL 10P CRG CIF NW VS	15	44	-65.9%	35	-57.1%
GASOIL 0.1 RDAM BRGS VS I	1,775	3,390	-47.6%	2,040	-13.0%
PJM WESTHDA PEAK	51,868	74,253	-30.1%	52,377	-1.0%
PJM PEPKO DA PEAK	1,316	5,017	-73.8%	1,638	-19.7%
PJM DPL DA PEAK	817	4,189	-80.5%	978	-16.5%
PJM DAYTON DA PEAK	14,202	30,842	-54.0%	16,784	-15.4%
PJM WESTH DA OFF-PEAK	799,199	992,241	-19.5%	751,055	6.4%
PJM PPL DA OFF-PEAK	121,164	185,101	-34.5%	129,436	-6.4%
PJM AECO DA OFF-PEAK	187,673	210,584	-10.9%	196,321	-4.4%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	249	257	-3.1%	284	-12.3%
GASOIL 0.1 CIF VS ICE GAS	0	8	-100.0%	3	-100.0%
GASOIL 0.1 ROTTERDAM BARG	22	138	-84.1%	33	-33.3%
EUROPE NAPHTHA CALSWAP	2,300	3,539	-35.0%	2,674	-14.0%
HENRY HUB SWING FUTURE	0	0	-	0	-
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
BRENT BALMO SWAP	362	647	-44.0%	287	26.1%
TETCO STX NG INDEX SWAP	0	0	-	0	-

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
TENNESSEE 500 LEG NG INDE	2,920	5,840	-50.0%	3,168	-7.8%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL	2,061	8,070	-74.5%	2,360	-12.7%
MONT BELVIEU ETHYLENE	0	0	-	0	-
ERCOT HOU MCPE50MW OFF	0	0	-	0	-
ERCOT NORTH MCPE50MW PEA	0	0	-	0	-
ERCOT HOU MCPE50MW PEAK	0	0	-	0	-
ERCOT NORTH MCPE50MW OFF	0	0	-	0	-
ERCOT SOUTH MCPE 50MW PE	0	0	-	0	-
MISO 5MW OFF PEAK	8,080	93,472	-91.4%	11,840	-31.8%
MISO 5MW PEAK	410	5,253	-92.2%	640	-35.9%
GULF CO HEAT OIL (ARGUS) VS	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING O	3,211	7,789	-58.8%	4,186	-23.3%
NY JET FUEL (ARGUS) VS HEATII	0	0	-	0	-
N ROCKIES PIPE SWAP	270	0	-	270	0.0%
CARBON EUA EMISSIONS EURO	0	0	0.0%	0	-
GASOIL MINI CALENDAR SWAP	599	1,216	-50.7%	747	-19.8%
BRENT OIL LAST DAY	52,421	28,705	82.6%	66,351	-21.0%
NY HARBOR ULSD DIESEL	0	0	-	0	-
SINGAPORE GASOIL BALMO	500	425	17.6%	468	6.8%
EUROPEAN NAPHTHA BALMO	115	162	-29.0%	268	-57.1%
EURO 3.5% FUEL OIL RDAM B	378	694	-45.5%	387	-2.3%
LLS (ARGUS) CALENDAR SWAP	1,700	264	543.9%	1,950	-12.8%
LA CARB DIESEL (OPIS) SWA	653	1,390	-53.0%	859	-24.0%
JET UP-DOWN(ARGUS) SWAP	0	250	-100.0%	0	-
GASOLINE UP-DOWN (ARGUS)	6	0	-	9	-33.3%
URANIUM	7,310	5,559	31.5%	7,910	-7.6%
GULF COAST ULSD CALENDAR	10,309	20,094	-48.7%	11,101	-7.1%
NY HRBR CONV GASOLINE VS	0	0	-	0	-
CENTERPOINT EAST INDEX	0	0	-	0	-
CENTERPOINT BASIS SWAP	841	5,144	-83.7%	1,199	-29.9%
WTI-BRENT CALENDAR SWAP	96,085	51,959	84.9%	88,257	8.9%
EURO GASOIL 10PPM VS ICE	1,646	1,000	64.6%	1,900	-13.4%
BRENT CALENDAR SWAP	46,500	58,424	-20.4%	49,879	-6.8%
MINY HTG OIL	2	3	-33.3%	1	100.0%
FUELOIL SWAP:CARGOES VS.B	4,068	6,518	-37.6%	4,057	0.3%
ILLINOIS OFF-PEAK MONTH S	0	0	-	0	-
MICHIGAN HUB PEAK MONTH S	4	28	-85.7%	6	-33.3%
TD3 MEG TO JAPAN 250K MT	74	1,559	-95.3%	111	-33.3%
TRANSCO ZONE 6 SWING SWAP	0	0	-	0	-
DOMINION TRAN INC - APP I	0	0	-	0	-
TENNESSEE ZONE 0 BASIS SW	0	1,120	-100.0%	0	-
PJM OFF-PEAK LMP SWAP FUT	11,522	20,256	-43.1%	12,816	-10.1%
AEP-DAYTON HUB OFF-PEAK M	7,224	11,705	-38.3%	7,474	-3.3%
AEP-DAYTON HUB DAILY	0	0	-	12	-100.0%
EASTERN RAIL DELIVERY CSX	11,258	9,826	14.6%	11,819	-4.7%
HTG OIL	91	1,211	-92.5%	97	-6.2%
EUROPE 3.5% FUEL OIL MED	27	76	-64.5%	4	575.0%
WAHA INDEX SWAP FUTURE	0	0	-	0	-
EL PASO PERMIAN INDEX SWA	0	0	-	0	-
HEATING OIL PHY	286,127	301,382	-5.1%	278,889	2.6%
PJM MONTHLY	37,685	60,348	-37.6%	37,512	0.5%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
NY HARBOR HEAT OIL SWP	15,496	30,980	-50.0%	15,460	0.2%
TCO BASIS SWAP	5,253	17,237	-69.5%	6,013	-12.6%
DOMINION TRANSMISSION INC	19,455	18,346	6.0%	18,317	6.2%
NYISO A	10,515	6,560	60.3%	9,957	5.6%
MINY NATURAL GAS	2,280	2,930	-22.2%	2,602	-12.4%
TRANSCO ZONE 6 BASIS SWAP	3,818	8,629	-55.8%	4,030	-5.3%
NYH NO 2 CRACK SPREAD CAL	31,128	14,765	110.8%	24,502	27.0%
JAPAN C&F NAPHTHA CRACK S	60	270	-77.8%	90	-33.3%
PERMIAN BASIS SWAP	931	8,856	-89.5%	1,163	-19.9%
NY HARBOR RESIDUAL FUEL 1	11,210	17,314	-35.3%	12,753	-12.1%
GULF COAST NO.6 FUEL OIL	54,679	58,245	-6.1%	52,884	3.4%
NGPL MID-CONTINENT	21,789	16,424	32.7%	22,107	-1.4%
NYISO J	7,660	7,150	7.1%	7,084	8.1%
NYISO G	6,855	5,075	35.1%	6,342	8.1%
ARGUS PROPAN(SAUDI ARAMCC	617	632	-2.4%	602	2.5%
JAPAN NAPHTHA BALMO SWAP	157	98	60.2%	33	375.8%
EUROPE JET KERO NWE CALSW	113	123	-8.1%	78	44.9%
JET CIF NWE VS ICE	970	1,148	-15.5%	1,040	-6.7%
RBOB PHY	224,291	272,459	-17.7%	218,769	2.5%
RBOB GAS	525	2,984	-82.4%	488	7.6%
GASOIL 0.1 CIF NWE VS ISE	0	17	-100.0%	5	-100.0%
NY1% VS GC SPREAD SWAP	7,208	11,624	-38.0%	8,259	-12.7%
GULF COAST 3% FUEL OIL BA	1,894	2,373	-20.2%	1,810	4.6%
EUROPE 3.5% FUEL OIL RDAM	10,112	17,985	-43.8%	10,420	-3.0%
FUEL OIL NWE CRACK VS ICE	6,094	6,701	-9.1%	6,862	-11.2%
DIESEL 10P BRG FOB RDM VS	0	8	-100.0%	7	-100.0%
ARGUS BIODIESEL RME FOB R	0	260	-100.0%	0	-
TRANSCO ZONE 6 INDEX	0	0	-	0	-
SONAT BASIS SWAP FUTURE	2,980	4,682	-36.4%	3,100	-3.9%
PANHANDLE SWING FUTURE	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	26,845	44,750	-40.0%	28,176	-4.7%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	4,685	24,408	-80.8%	5,282	-11.3%
CRUDE OIL PHY	1,634,684	1,555,664	5.1%	1,761,639	-7.2%
CINERGY HUB OFF-PEAK MONT	2,932	4,661	-37.1%	3,112	-5.8%
SAN JUAN INDEX	0	0	-	0	-
TEXAS EASTERN ZONE M-3 SW	0	0	-	0	-
TEXAS GAS ZONE SL BASIS S	0	776	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	0	1,663	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	6,274	7,486	-16.2%	6,694	-6.3%
FLORIDA GAS ZONE3 BASIS S	1,548	3,317	-53.3%	1,636	-5.4%
SINGAPORE NAPHTHA SWAP	1,478	495	198.6%	1,845	-19.9%
SINGAPORE JET KEROSENE SW	8,462	12,693	-33.3%	10,049	-15.8%
SINGAPORE 380CST FUEL OIL	6,107	2,961	106.2%	5,388	13.3%
AEP-DAYTON HUB MTHLY	8,109	12,058	-32.8%	8,543	-5.1%
N ILLINOIS HUB MTHLY	3,962	8,350	-52.6%	3,955	0.2%
ISO NEW ENGLAND OFF-PEAK	5,406	11,228	-51.9%	5,946	-9.1%
NYISO G OFF-PEAK	3,211	3,078	4.3%	3,062	4.9%
NYISO A OFF-PEAK	4,548	3,286	38.4%	4,638	-1.9%
TC2 ROTTERDAM TO USAC 37K	100	75	33.3%	135	-25.9%
TD5 WEST AFRICA TO USAC 1	0	60	-100.0%	0	-
TC4 SINGAPORE TO JAPAN 30	0	0	-	0	-

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
EUROPE DATED BRENT SWAP	5,271	7,247	-27.3%	3,758	40.3%
WESTERN RAIL DELIVERY PRB	13,263	19,005	-30.2%	14,681	-9.7%
NATURAL GAS PEN SWP	761,631	949,882	-19.8%	813,420	-6.4%
SINGAPORE GASOIL VS ICE	16,847	27,035	-37.7%	18,471	-8.8%
JET BARGES VS ICE GASOIL	5	42	-88.1%	5	0.0%
SOCAL PIPE SWAP	4,740	15,472	-69.4%	5,100	-7.1%
TEXAS GAS ZONE 1 NAT GAS	0	0	-	0	-
ONEOK OKLAHOMA NAT GAS IN	0	0	-	0	-
SINGAPORE 180CST BALMO	182	175	4.0%	171	6.4%
MONT BELVIEU LDH PROPANE 5	23,146	33,081	-30.0%	23,702	-2.3%
MONT BELVIEU ETHANE 5 DECIM	8,680	6,489	33.8%	9,503	-8.7%
MONT BELVIEU NORMAL BUTAN	16,646	8,301	100.5%	17,248	-3.5%
WAHA BASIS	4,615	13,667	-66.2%	5,659	-18.4%
PREM UNL GAS 10PPM RDAM FC	54	383	-85.9%	106	-49.1%
PREM UNL GAS 10PPM RDAM FC	10	1	900.0%	0	-
HOUSTON SHIP CHANNEL SWIN	0	0	-	0	-
HENRY HUB SWAP	2,401,572	2,455,652	-2.2%	2,527,942	-5.0%
HENRY HUB BASIS SWAP	15,976	25,310	-36.9%	15,440	3.5%
CHICAGO SWING FUTURE	0	0	-	0	-
CHICAGO BASIS SWAP	124	2,316	-94.6%	244	-49.2%
CHICAGO ETHANOL SWAP	36,193	24,058	50.4%	30,672	18.0%
PJM WESTH RT OFF-PEAK	1,811,486	1,170,898	54.7%	1,848,504	-2.0%
PJM JCPL DA OFF-PEAK	23,400	16,320	43.4%	23,400	0.0%
PJM DAYTON DA OFF-PEAK	183,534	427,872	-57.1%	222,318	-17.4%
PJM AD HUB 5MW REAL TIME	1,319,420	525,046	151.3%	1,281,224	3.0%
NEPOOL SE MASS 5MW D AH P	584	2,665	-78.1%	768	-24.0%
ISO NEW ENGLAND PK LMP	7,175	14,655	-51.0%	7,803	-8.0%
CRUDE OIL	30,266	71,005	-57.4%	41,750	-27.5%
EUROPEAN NAPHTHA CRACK SPF	12,613	21,715	-41.9%	11,212	12.5%
GASOIL CRACK SPREAD CALEN	29,052	20,318	43.0%	30,566	-5.0%
ICE BRENT DUBAI SWAP	3,520	6,043	-41.8%	3,275	7.5%
BRENT FINANCIAL FUTURES	18,858	53,929	-65.0%	25,187	-25.1%
DEMARC SWING SWAP	0	0	-	0	-
GASOIL CALENDAR SWAP	1,109	2,782	-60.1%	1,125	-1.4%
EURO 3.5% FUEL OIL SPREAD	946	613	54.3%	432	119.0%
ILLINOIS HUB PEAK MONTH S	0	0	-	0	-
MICHIGAN HUB OFF-PEAK MON	4	28	-85.7%	6	-33.3%
NYMEX ALUMINUM FUTURES	0	0	-	0	-
NY HARBOR RESIDUAL FUEL C	35	0	-	35	0.0%
LOS ANGELES CARB GASOLINE	0	62	-100.0%	0	-
GULF COAST JET VS NYM 2 H	50,522	11,297	347.2%	53,127	-4.9%
SOCAL BASIS SWAP	6,033	11,728	-48.6%	6,407	-5.8%
SAN JUAN BASIS SWAP	3,771	9,652	-60.9%	4,125	-8.6%
EUROPE 1% FUEL OIL RDAM C	332	544	-39.0%	212	56.6%
EUROPE JET KERO RDAM CALS	0	2	-100.0%	0	-
GULF COAST HEATING OIL CL	0	0	-	0	-
GULF COAST GASOLINE CLNDR	170	1,025	-83.4%	277	-38.6%
DOW JONES MID-COLUMBIA FU	0	0	-	0	-
Transco Zone 3 Basis	7,914	4,710	68.0%	4,079	94.0%
Tetco STX Basis	694	1,418	-51.1%	740	-6.2%
COLUMBIA GULF ONSHORE	15,695	17,103	-8.2%	15,695	0.0%
PJM DAILY	0	0	-	0	-

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
CIG BASIS	7,867	10,157	-22.5%	8,407	-6.4%
NORTHERN NATURAL GAS VENTL	3,139	9,958	-68.5%	3,843	-18.3%
PGE&E CITYGATE	1,488	1,858	-19.9%	1,488	0.0%
TEXAS EASTERN ZONE M-3 BA	5,918	7,406	-20.1%	4,442	33.2%
MICHIGAN BASIS	3,668	13,919	-73.6%	4,090	-10.3%
ANR OKLAHOMA	14,602	17,251	-15.4%	14,962	-2.4%
LA JET FUEL VS NYM NO 2 H	1,407	50	2,714.0%	1,857	-24.2%
RBOB UP-DOWN CALENDAR SW	16,479	15,710	4.9%	13,320	23.7%
RBOB CALENDAR SWAP	14,284	18,971	-24.7%	15,928	-10.3%
MINY RBOB GAS	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	5,055	4,937	2.4%	4,803	5.2%
GAS EURO-BOB OXY NWE BARG	30,243	28,103	7.6%	29,890	1.2%
PETRO OUTRIGHT EURO	20,335	12,864	58.1%	20,153	0.9%
DATED BRENT (PLATTS) DAILY S	0	1,200	-100.0%	0	-
OPIS PHYSICAL ETHANE	0	0	-	0	-
OPIS PHYSICAL NATURAL GASO	0	25	-100.0%	0	-
OPIS PHYSICAL NORMAL BUTAN	0	40	-100.0%	0	-
OPIS PHYSICAL NONLDH PROP	0	0	-	0	-
OPIS PHYSICAL LDH PROPANE	0	0	-	0	-
LA CARBOB GASOLINE(OPIS)S	175	405	-56.8%	900	-80.6%
EURO PROPANE CIF ARA SWA	956	1,147	-16.7%	973	-1.7%
GASOIL BULLET SWAP	0	0	-	0	-
NEW YORK ETHANOL SWAP	600	1,322	-54.6%	1,114	-46.1%
LA CARB DIESEL (OPIS)	213	462	-53.9%	156	36.5%
DEMARC INDEX FUTURE	0	0	-	0	-
WTI CALENDAR	161,121	179,276	-10.1%	164,763	-2.2%
APPALACHIAN COAL (PHY)	5,745	7,725	-25.6%	5,925	-3.0%
ROCKIES KERN OPAL - NW IN	0	480	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	0	20	-100.0%	0	-
HOUSTON SHIP CHANNEL INDE	200	348	-42.5%	216	-7.4%
NORTHERN NATURAL GAS DEMA	20	2,352	-99.1%	40	-50.0%
TENNESSEE 500 LEG BASIS S	0	320	-100.0%	0	-
EAST/WEST FUEL OIL SPREAD	3,367	9,738	-65.4%	3,615	-6.9%
NYISO J OFF-PEAK	1,532	2,410	-36.4%	1,520	0.8%
TC5 RAS TANURA TO YOKOHAM	210	181	16.0%	290	-27.6%
WTI-BRENT BULLET SWAP	8,285	2,210	274.9%	6,764	22.5%
EURO GASOIL 10 CAL SWAP	144	53	171.7%	210	-31.4%
HENRY HUB INDEX SWAP FUTU	9,136	25,454	-64.1%	18,312	-50.1%
Sumas Basis Swap	7,540	7,630	-1.2%	7,496	0.6%
RBOB CRACK SPREAD	9,368	4,391	113.3%	5,172	81.1%
CIN HUB 5MW D AH PK	14,783	5,556	166.1%	13,773	7.3%
TEXAS GAS ZONE1 NG BASIS	2,420	31	7,706.5%	2,420	0.0%
SINGAPORE GASOIL SWAP	10,185	14,338	-29.0%	11,678	-12.8%
GULF COAST JET FUEL CLNDR	4,079	8,705	-53.1%	5,103	-20.1%
ULSD 10PPM CIF MED VS ICE	332	518	-35.9%	440	-24.5%
TENNESSEE ZONE 0 NG SWIN	0	0	-	0	-
PJM BGE DA OFF-PEAK	57,865	49,136	17.8%	58,993	-1.9%
SINGAPORE 380CST BALMO	69	118	-41.5%	167	-58.7%
LTD NAT GAS	390,062	122,339	218.8%	394,874	-1.2%
NORTHWEST ROCKIES BASIS S	13,261	37,781	-64.9%	18,621	-28.8%
MALIN	0	0	-	0	-
ULSD UP-DOWN(ARGUS) SWAP	0	70	-100.0%	0	-

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
SING FUEL	15	0	-	40	-62.5%
CIN HUB 5MW REAL TIME O P	454,880	242,976	87.2%	434,792	4.6%
NYISO ZONE C 5MW D AH PK	2,913	4,040	-27.9%	3,626	-19.7%
NEPOOL NE MASS 5MW D AH O	79,209	222,942	-64.5%	85,601	-7.5%
NEPOOL NE MASS 5MW D AH P	4,476	13,420	-66.6%	4,982	-10.2%
NEPOOL SE MASS 5MW D AH O	11,136	47,767	-76.7%	14,144	-21.3%
NEPOOL CNCTCT 5MW D AH O	14,175	60,904	-76.7%	14,175	0.0%
NEPOOL CONECTIC 5MW D AH	1,230	3,851	-68.1%	1,230	0.0%
NEPOOL W CNT MASS 5MW D A	68,910	103,366	-33.3%	76,430	-9.8%
PJM COMED 5MW D AH PK	8,641	8,830	-2.1%	9,561	-9.6%
NYISO ZONE J 5MW D AH O P	344,879	101,941	238.3%	351,863	-2.0%
NYISO ZONE J 5MW D AH PK	23,041	12,940	78.1%	23,722	-2.9%
PJM NI HUB 5MW REAL TIME	949,831	952,724	-0.3%	989,953	-4.1%
NYISO ZONE C 5MW D AH O P	46,307	64,424	-28.1%	50,443	-8.2%
ONEOK OKLAHOMA NG BASIS	1,215	2,264	-46.3%	1,017	19.5%
TRANSCO ZONE 2 NG BASIS	0	0	-	0	-
TEXAS EAST W LOUISIANA NG	0	732	-100.0%	0	-
COLUMB GULF MAINLINE NG B	8,923	12,825	-30.4%	9,103	-2.0%
PANHANDLE PIPE SWAP	0	0	-	0	-
NGPL STX NAT GAS INDEX SW	0	244	-100.0%	0	-
TRANSCO ZONE 2 NAT GAS IN	0	0	-	0	-
TEXAS GAS ZONE SL NAT GAS	0	0	-	0	-
TEXAS EAST WLA NAT GAS IN	0	0	-	0	-
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-
ELEC MISO PEAK	6,295	3,854	63.3%	6,580	-4.3%
ELEC NYISO OFF-PEAK	104,882	56,856	84.5%	96,953	8.2%
WTS (ARGUS) VS WTI SWAP	8,441	250	3,276.4%	8,971	-5.9%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
BRENT CFD(PLATTS) VS FRNT	0	20	-100.0%	0	-
NY 0.7% FUEL OIL (PLATTS	0	0	-	0	-
NY 2.2% FUEL OIL (PLATTS	0	184	-100.0%	0	-
EIA FLAT TAX ONHWAY DIESE	4,673	2,674	74.8%	4,369	7.0%
NGPL STX BASIS	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	700	50	1,300.0%	1,470	-52.4%
ULSD UP-DOWN BALMO SWP	1,445	2,625	-45.0%	3,425	-57.8%
EUROPEAN GASOIL (ICE)	511	3,300	-84.5%	511	0.0%
CRUDE OIL LAST DAY	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	672,986	200,114	236.3%	594,266	13.2%
PJM PEPKO DA OFF-PEAK	4,045	43,249	-90.6%	5,925	-31.7%
NY H OIL PLATTS VS NYMEX	5,724	0	-	5,759	-0.6%
GASOIL 10PPM VS ICE SWAP	834	967	-13.8%	866	-3.7%
NY HARBOR 1% FUEL OIL BAL	125	234	-46.6%	300	-58.3%
LA JET (OPIS) SWAP	1,500	550	172.7%	875	71.4%
PJM AECO DA PEAK	10,148	11,407	-11.0%	10,677	-5.0%
PREMIUM UNLD 10PPM CARGOE	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	2	14	-85.7%	10	-80.0%
TETCO M-3 INDEX	0	0	-	0	-
TRUNKLINE LA BASIS SWAP	0	0	-	0	-
SINGAPORE JET KERO GASOIL	10,786	15,139	-28.8%	12,694	-15.0%
SINGAPORE FUEL OIL SPREAD	2,720	3,583	-24.1%	3,173	-14.3%
NORTHERN ILLINOIS OFF-PEA	5,214	8,428	-38.1%	5,573	-6.4%
NEW YORK HUB ZONE G PEAK	77	50	54.0%	0	-

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
SINGAPORE FUEL 180CST CAL	7,278	9,709	-25.0%	7,453	-2.3%
EUROPE 1% FUEL OIL NWE CA	1,060	2,158	-50.9%	830	27.7%
Tetco ELA Basis	0	0	-	0	-
POLYETHYLENE FUTURES	0	98	-100.0%	0	-
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-
GASOIL 0.1 CIF NW BALMO S	0	0	-	0	-
JET FUEL CARGOES CIF NEW	0	0	-	0	-
ICE GASOIL BALMO SWAP	0	20	-100.0%	0	-
ULSD 10PPM CIF MED SWAP	9	10	-10.0%	0	-
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-
CIG ROCKIES NG SWING	0	0	-	0	-
MICHCON NG SWING	0	0	-	0	-
TENNESSEE 500 LEG NG SWIN	0	0	-	0	-
TCO NG SWING	0	0	-	0	-
MICHCON NG INDEX SWAP	0	0	-	186	-100.0%
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	-
TENNESSEE ZONE 0 NG INDE	0	600	-100.0%	0	-
TCO NG INDEX SWAP	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	2,889	1,998	44.6%	838	244.7%
PJM WESTH RT PEAK	100,448	58,071	73.0%	94,123	6.7%
PJM PSEG DA OFF-PEAK	164,417	391,787	-58.0%	179,081	-8.2%
PJM PSEG DA PEAK	8,889	22,558	-60.6%	9,809	-9.4%
PJM PPL DA PEAK	8,769	13,517	-35.1%	9,896	-11.4%
PJM JCPL DA PEAK	3,280	4,357	-24.7%	3,395	-3.4%
PJM EASTERNH DA OFF-PEAK	0	0	-	0	-
PJM EASTERNH DA PEAK	205	1,275	-83.9%	320	-35.9%
PJM DPL DA OFF-PEAK	14,489	72,489	-80.0%	16,745	-13.5%
PJM BGE DA PEAK	5,396	7,243	-25.5%	5,580	-3.3%
JET FUEL BRG FOB RDM VS I	0	0	-	8	-100.0%
DATED TO FRONTLINE BRENT	11,152	9,138	22.0%	12,459	-10.5%
NEPOOL W CNTR M 5MW D AH	4,183	7,304	-42.7%	4,758	-12.1%
TENNESSEE 800 LEG NG BASI	3,509	6,580	-46.7%	4,379	-19.9%
UP DOWN GC ULSD VS NMX HO	77,043	41,317	86.5%	81,233	-5.2%
USGC UNL 87 CRACK SPREAD	1,360	2,685	-49.3%	1,010	34.7%
GULF COAST ULSD CRACK SPR	22,541	22,732	-0.8%	21,669	4.0%
NYMEX ULSD VS NYMEX HO	0	119	-100.0%	0	-
RBOB VS HEATING OIL SWAP	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	58,503	18,974	208.3%	54,456	7.4%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	15	-100.0%
ULSD 10PPM CIF VS ICE GAS	0	32	-100.0%	30	-100.0%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
ARGUS PROPAN FAR EST INDE	409	544	-24.8%	490	-16.5%
3.5% FUEL OIL CID MED SWA	7	0	-	4	75.0%
JET FUEL CRG CIF NEW VS I	10	9	11.1%	8	25.0%
BRENT CFD SWAP	0	969	-100.0%	0	-
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	619	554	11.7%	602	2.8%
EURO 1% FUEL OIL NEW BALM	40	51	-21.6%	5	700.0%
DUBAI CRUDE OIL BALMO	0	0	-	0	-
SINGAPORE JET KERO BALMO	50	100	-50.0%	0	-
WTS (ARGUS) VS WTI TRD MT	5,842	4,881	19.7%	6,167	-5.3%
MARS (ARGUS) VS WTI TRD M	279	2,368	-88.2%	367	-24.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
MARS (ARGUS) VS WTI SWAP	12,130	562	2,058.4%	11,340	7.0%
NY HARBOR 0.3% FUEL OIL S	0	0	-	0	-
GASOIL 0.1 CARGOES CIF NE	0	0	-	0	-
NATURAL GAS	36,259	15,714	130.7%	32,036	13.2%
DAWN BASIS SWAP FUTURE	0	0	-	0	-
VENTURA INDEX FUTURE	0	0	-	0	-
NGPL TEXOK INDEX	0	248	-100.0%	0	-
FUEL OIL CRACK VS ICE	32,646	69,815	-53.2%	37,288	-12.4%
HEATING OIL VS ICE GASOIL	14,180	10,635	33.3%	13,746	3.2%
HOUSTON SHIP CHANNEL BASI	4,196	25,437	-83.5%	5,483	-23.5%
CARBON CER EURO	0	0	0.0%	0	-
LLS (ARGUS) VS WTI SWAP	43,924	13,596	223.1%	46,493	-5.5%
JAPAN C&F NAPHTHA SWAP	1,577	2,840	-44.5%	1,614	-2.3%
MINY WTI CRUDE OIL	5,998	5,592	7.3%	4,663	28.6%
CIN HUB 5MW REAL TIME PK	39,098	17,873	118.8%	24,347	60.6%
PJM NILL DA PEAK	27,898	57,512	-51.5%	29,589	-5.7%
PANHANDLE INDEX SWAP FUTU	0	488	-100.0%	0	-
PJM NILL DA OFF-PEAK	603,021	879,141	-31.4%	627,942	-4.0%
PETROCHEMICALS	7,738	8,935	-13.4%	8,414	-8.0%
IN DELIVERY MONTH CER	0	7,597	-100.0%	0	-
IN DELIVERY MONTH EUA	172,050	107,858	59.5%	171,564	0.3%
DIESEL 10PPM NWE LE HAVRE C	0	0	-	0	-
MONT BELVIEU NORMAL BUTAN	109	112	-2.7%	117	-6.8%
MONT BELVIEU NATURAL GASOI	200	0	-	364	-45.1%
CONWAY NORMAL BUTANE (OPI	399	417	-4.3%	393	1.5%
CONWAY PROPANE 5 DECIMALS	2,441	4,789	-49.0%	2,449	-0.3%
MONT BELVIEU NATURAL GASOI	6,623	10,404	-36.3%	7,501	-11.7%
CONWAY NATURAL GASOLINE (C	166	528	-68.6%	165	0.6%
MONT BELVIEU LDH PROPANE C	50	472	-89.4%	344	-85.5%
MONT BELVIEU ETHANE OPIS B/	0	25	-100.0%	0	-
SINGAPORE JET KERO VS. GASO	300	0	-	50	500.0%
ERCOT HOUSTON Z MCPE 5MW	0	264	-100.0%	0	-
ERCOT NORTH ZMCPE 5MW PEAK	18,500	12,272	50.7%	17,685	4.6%
ERCOT NORTH ZMCPE 5MW OFF	302,283	111,685	170.7%	239,195	26.4%
CINERGY HUB PEAK DAILY FU	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
PJM DUQUESNE 5MW D AH PK	296	551	-46.3%	319	-7.2%
PJM DUQUS 5MW D AH O PK	5,489	10,169	-46.0%	5,865	-6.4%
CO2 VINTAGE	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	12,476	4,276	191.8%	13,189	-5.4%
GRP THREE UNL GS (PLT) VS	16	2,752	-99.4%	44	-63.6%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	2,059	172	1,097.1%	2,229	-7.6%
GC JET (ARGUS) CAL SWAP	0	0	-	0	-
LL JET (OPIS) SWAP	0	0	-	0	-
PETRO CRK&SPRD EURO	13,289	9,455	40.5%	10,732	23.8%
CRUDE OIL OUTRIGHTS	17,952	19,409	-7.5%	17,656	1.7%
PJM WES HUB PEAK LMP 50 M	256	256	0.0%	256	0.0%
GC ULSD ARGUS CAL SWAP	0	0	-	0	-
FREIGHT MARKETS	0	30	-100.0%	0	-
MCCLOSKEY ARA ARGS COAL	83,584	28,391	194.4%	75,355	10.9%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
MNC FUT	4,344	871	398.7%	4,111	5.7%
MCCLOSKEY RCH BAY COAL	33,925	12,320	175.4%	32,206	5.3%
CRUDE OIL SPRDS	20	2,293	-99.1%	30	-33.3%
ELEC FINSETTLED	2,943	7,160	-58.9%	2,966	-0.8%
ELECTRICITY OFF PEAK	85,644	262,770	-67.4%	89,780	-4.6%
PETRO OUTRIGHT NA	10,490	3,289	218.9%	8,629	21.6%
ALGON CITY GATES NAT GAS	0	0	-	0	-
NEPOOL NEW HAMP 5MW D AH	14,090	28,925	-51.3%	16,085	-12.4%
GULF CST GASOL CRCK SPRD	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	42,144	10,810	289.9%	42,144	0.0%
NAT GAS BASIS SWAP	8,764	0	-	4,708	86.2%
RBOB SPREAD (PLATTS) SWAP	75	0	-	80	-6.3%
NGPL TEX/OK	19,655	12,927	52.0%	20,166	-2.5%
NEPOOL RHD ISLD 5MW D AH	3,866	1,362	183.8%	1,339	188.7%
ANR LA NAT GAS INDEX SWAP	0	248	-100.0%	0	-
HEATING OIL BALMO CLNDR S	0	0	-	180	-100.0%
PJM APS ZONE DA PEAK	2,298	854	169.1%	2,298	0.0%
SINGAPORE GASOIL CALENDAR	80	0	-	80	0.0%
GC ULSD VS GC JET SPREAD	300	0	-	300	0.0%
ELEC ERCOT OFF PEAK	396,381	262,597	50.9%	384,789	3.0%
ELEC ERCOT DLY PEAK	16,073	12,071	33.2%	16,319	-1.5%
PETROLEUM PRODUCTS ASIA	3,776	903	318.2%	3,156	19.6%
PETRO CRCKS & SPRDS NA	64,556	60,845	6.1%	61,888	4.3%
SINGAPORE GASOIL	6,565	3,215	104.2%	6,812	-3.6%
ONTARIO POWER SWAPS	194,079	8,180	2,272.6%	190,253	2.0%
PLASTICS	855	721	18.6%	980	-12.8%
DAILY EUA	0	0	-	0	-
NYMEX OMAN CRUDE PRODUCT	0	0	-	0	-
ALBERTA ELECTRICITY	0	0	-	0	-
MJC FUT	972	408	138.2%	1,006	-3.4%
TENN 800 LEG NAT GAS INDE	5,289	4,356	21.4%	5,134	3.0%
NEPOOL RHODE IL 5MW D AH	70,639	26,523	166.3%	24,585	187.3%
PREMIUM UNLEAD 10PPM C NW	0	0	-	0	-
ALGONQUIN CITY-GATES NAT	0	0	-	0	-
	0	0	0.0%	0	0.0%
HEATING OIL LAST DAY	0	4	-100.0%	0	-
PETROLEUM PRODUCTS	1,532	230	566.1%	561	173.1%
PJM ATSI ELEC	5,766	9,900	-41.8%	6,564	-12.2%
COAL SWAP	1,650	275	500.0%	1,080	52.8%
MGN1 SWAP FUT	697	10	6,870.0%	662	5.3%
PETRO CRCKS & SPRDS ASIA	647	1,945	-66.7%	477	35.6%
INDIANA MISO	154,544	226,539	-31.8%	159,671	-3.2%
MICHIGAN MISO	108,462	410	26,354.1%	83,945	29.2%
NYISO CAPACITY	1,023	696	47.0%	903	13.3%
TRANSCO ZONE 1 NAT GAS IN	0	0	-	62	-100.0%
GROUP THREE ULSD (PLATTS)	1,195	6,411	-81.4%	1,615	-26.0%
EURO-DENOMINATED PETRO PF	224	144	55.6%	204	9.8%
EMC FUTURE	50	0	-	0	-
DAILY PJM	0	400	-100.0%	30	-100.0%
EMMISSIONS	655	1,455	-55.0%	655	0.0%
UCM FUT	115	0	-	76	51.3%
INDONESIAN COAL	1,070	350	205.7%	830	28.9%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Futures</b>					
NEW YORK HUB ZONE J PEAK	77	0	-	0	-
DLY GAS EURO-BOB OXY	0	0	-	0	-
NATURAL GAS INDEX	248	0	-	0	-
NCN FUT	0	0	-	0	-
BRENT OIL	0	0	-	0	-
POLYPROPYLENE FUTURES	0	4	-100.0%	0	-
MGF FUT	0	5	-100.0%	0	-
CHICAGO ULSD (PLATTS) SWA	0	60	-100.0%	0	-
3.5% FUEL OIL CIF BALMO S	2	0	-	0	-
	50	0	-	0	-
<b>Energy Options</b>					
ETHANOL FWD	0	460	-100.0%	0	-
IN DELIVERY MONTH CER OPTIC	0	9,600	-100.0%	0	-
EUROPEAN JET KEROSENE NWE	136	89	52.8%	145	-6.2%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
NATURAL GAS PHY	5,099,663	5,515,039	-7.5%	5,151,788	-1.0%
CINERGY HUB PEAK MONTH	0	4,840	-100.0%	240	-100.0%
NATURAL GAS 3 M CSO FIN	18,650	26,400	-29.4%	11,450	62.9%
NATURAL GAS 1 M CSO FIN	271,069	155,351	74.5%	256,766	5.6%
WTI CRUDE OIL 1 M CSO FI	56,650	26,900	110.6%	92,625	-38.8%
SINGAPORE JET FUEL CALEND	6,576	10,551	-37.7%	8,349	-21.2%
ROTTERDAM 3.5%FUEL OIL CL	8,376	9,200	-9.0%	8,233	1.7%
NYMEX EUROPEAN GASOIL APO	314	1,082	-71.0%	354	-11.3%
N ROCKIES PIPE SWAP	19,591	30,219	-35.2%	20,371	-3.8%
BRENT OIL LAST DAY	94,996	80,403	18.1%	124,621	-23.8%
SAN JUAN PIPE SWAP	6,520	8,854	-26.4%	6,560	-0.6%
BRENT CALENDAR SWAP	281,712	310,564	-9.3%	279,915	0.6%
HEATING OIL PHY	52,644	55,449	-5.1%	87,467	-39.8%
PJM MONTHLY	2,688	20,622	-87.0%	4,250	-36.8%
NY HARBOR HEAT OIL SWP	65,030	90,357	-28.0%	64,262	1.2%
NG HH 3 MONTH CAL	0	0	-	0	-
NATURAL GAS 1MO	0	0	-	0	-
RBOB PHY	30,910	20,514	50.7%	36,176	-14.6%
RBOB 1MO CAL SPD OPTIONS	200	1,600	-87.5%	200	0.0%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
PGE CITYGATE PIPE SWAP	12,000	12,000	0.0%	12,000	0.0%
CRUDE OIL PHY	2,186,443	2,801,797	-22.0%	2,996,965	-27.0%
WTI 12 MONTH CALENDAR OPT	0	0	-	8,300	-100.0%
WTI 6 MONTH CALENDAR OPTI	0	0	-	1,050	-100.0%
CRUDE OIL 1MO	254,370	267,475	-4.9%	257,995	-1.4%
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	-
N ILLINOIS HUB MTHLY	0	40	-100.0%	0	-
SOCAL PIPE SWAP	40,640	83,463	-51.3%	43,360	-6.3%
PANHANDLE BASIS	0	0	-	0	-
HENRY HUB FINANCIAL LAST	20,167	2,284	783.0%	20,393	-1.1%
ISO NEW ENGLAND PK LMP	810	15,100	-94.6%	1,710	-52.6%
HO 1 MONTH CLNDR OPTIONS	0	700	-100.0%	0	0.0%
HEATING OIL CRACK OPTIONS	0	0	-	0	-
CRUDE OIL APO	618,036	1,015,698	-39.2%	673,850	-8.3%

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Energy Options</b>					
RBOB CALENDAR SWAP	12,250	4,922	148.9%	10,921	12.2%
NW PIPELINE ROCKIES BASIS	0	0	-	0	-
PETRO OUTRIGHT EURO	1,069	252	324.2%	1,161	-7.9%
IN DELIVERY MONTH EUA OPTIC	3,000	14,500	-79.3%	3,000	0.0%
RBOB CRACK	0	0	-	0	-
WTI-BRENT BULLET SWAP	73,346	22,850	221.0%	123,695	-40.7%
PANHANDLE PIPE SWAP	2,140	27,844	-92.3%	4,280	-50.0%
NATURAL GAS OPTION ON CALE	29,891	32,411	-7.8%	29,831	0.2%
ELEC MISO PEAK	400	760	-47.4%	400	0.0%
CENTRAL APPALACHIAN COAL	0	0	-	0	-
NATURAL GAS SUMMER STRIP	60	2,800	-97.9%	60	0.0%
SINGAPORE FUEL OIL 180 CS	710	762	-6.8%	770	-7.8%
NYISO ZONE G 5MW PEAK OPTIC	0	0	-	0	-
PETROCHEMICALS	25,234	16,080	56.9%	24,641	2.4%
SOCAL BASIS OPTION	0	0	-	0	-
NATURAL GAS OPT	0	0	-	0	-
PJM CALENDAR STRIP	18,200	29,260	-37.8%	17,440	4.4%
APPALACHIAN COAL	230	750	-69.3%	230	0.0%
CRUDE OIL OUTRIGHTS	9,672	7,410	30.5%	9,605	0.7%
NATURAL GAS WINTER STRIP	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	6,570	1,575	317.1%	2,070	217.4%
MCCLOSKEY RCH BAY COAL	1,540	750	105.3%	940	63.8%
CRUDE OIL SPRDS	0	0	-	0	-
ELEC FINSETTLED	2,173	6,306	-65.5%	2,604	-16.6%
PETRO OUTRIGHT NA	0	6	-100.0%	0	-
TRANSCO ZONE 6 PIPE SWAP	0	0	-	0	-
NATURAL GAS 5 M CSO FIN	3,000	0	-	3,000	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	-	0	-
NAT GAS BASIS SWAP	0	0	-	0	-
HEATING OIL CRK SPD AVG PRIC	0	325	-100.0%	0	-
NATURAL GAS 2 M CSO FIN	1,900	0	-	1,900	0.0%
BRENT 1 MONTH CAL	0	1,500	-100.0%	0	-
CRUDE OIL CALNDR STRIP	50	25	100.0%	0	-
SINGAPORE GASOIL CALENDAR	100	2,020	-95.0%	150	-33.3%
ETHANOL SWAP	18,267	2,315	689.1%	22,061	-17.2%
NATURAL GAS 6 M CSO FIN	21,200	34,915	-39.3%	11,100	91.0%
HO 6 MONTH CAL	0	0	-	0	-
GASOIL CRACK SPREAD AVG PF	1,850	699	164.7%	2,025	-8.6%
RBOB 3 MONTH CALENDAR SPR	0	0	-	0	-
SHORT TERM NATURAL GAS	0	1,200	-100.0%	50	-100.0%
SHORT TERM	0	0	-	0	-
COAL SWAP	2,385	555	329.7%	2,385	0.0%
COAL API2 INDEX	425	0	0.0%	425	0.0%
EURO-DENOMINATED PETRO PF	360	20	1,700.0%	0	-
DAILY PJM	0	0	-	0	-
COAL API4 INDEX	25	115	-78.3%	25	0.0%
RBOB CRACK SPREAD AVG PRIC	0	225	-100.0%	0	-
SHORT TERM CRUDE OIL	0	0	-	0	-
RBOB 6 MONTH CALENDAR SPR	0	0	-	0	-
WTI CRUDE OIL 6 M CSO FI	0	0	-	0	-
NATURAL GAS 12 M CSO FIN	0	0	-	0	-
DAILY CRUDE OIL	0	0	-	0	0.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>FX Futures</b>					
AUSTRALIAN DOLLAR	114,242	197,545	-42.2%	130,172	-12.2%
BRITISH POUND	230,367	161,157	42.9%	179,855	28.1%
BRAZIL REAL	13,040	35,674	-63.4%	19,935	-34.6%
CANADIAN DOLLAR	142,930	168,987	-15.4%	117,154	22.0%
E-MINI EURO FX	5,264	6,132	-14.2%	5,392	-2.4%
EURO FX	250,028	211,910	18.0%	274,339	-8.9%
E-MINI JAPANESE YEN	1,260	2,340	-46.2%	910	38.5%
JAPANESE YEN	238,535	221,320	7.8%	161,575	47.6%
MEXICAN PESO	122,679	190,071	-35.5%	117,622	4.3%
NEW ZEALND DOLLAR	19,258	31,925	-39.7%	23,016	-16.3%
NKR/USD CROSS RATE	708	448	58.0%	966	-26.7%
RUSSIAN RUBLE	40,125	79,060	-49.2%	42,514	-5.6%
S.AFRICAN RAND	4,386	15,635	-71.9%	3,355	30.7%
SWISS FRANC	44,638	41,056	8.7%	53,591	-16.7%
AD/CD CROSS RATES	58	24	141.7%	28	107.1%
AD/JY CROSS RATES	945	1,117	-15.4%	997	-5.2%
AD/NE CROSS RATES	16	27	-40.7%	18	-11.1%
BP/JY CROSS RATES	1,520	1,613	-5.8%	1,912	-20.5%
BP/SF CROSS RATES	233	92	153.3%	222	5.0%
CD/JY CROSS RATES	57	55	3.6%	68	-16.2%
EC/AD CROSS RATES	447	249	79.5%	384	16.4%
EC/CD CROSS RATES	655	280	133.9%	538	21.7%
EC/NOK CROSS RATES	84	103	-18.4%	99	-15.2%
EC/SEK CROSS RATES	246	144	70.8%	233	5.6%
EFX/BP CROSS RATES	12,865	10,933	17.7%	11,648	10.4%
EFX/JY CROSS RATES	10,571	7,258	45.6%	10,082	4.9%
EFX/SF CROSS RATES	11,725	8,898	31.8%	13,114	-10.6%
SF/JY CROSS RATES	34	356	-90.4%	34	0.0%
SKR/USD CROSS RATES	264	64	312.5%	561	-52.9%
CZECK KORUNA (US)	131	0	-	131	0.0%
CZECK KORUNA (EC)	938	0	-	938	0.0%
HUNGARIAN FORINT (US)	121	56	116.1%	116	4.3%
HUNGARIAN FORINT (EC)	91	0	-	112	-18.8%
POLISH ZLOTY (US)	1,646	943	74.5%	1,271	29.5%
POLISH ZLOTY (EC)	2,919	3,696	-21.0%	3,709	-21.3%
SHEKEL	459	511	-10.2%	406	13.1%
RMB USD	2,553	310	723.5%	1,957	30.5%
RMB EURO	0	0	-	0	-
KOREAN WON	374	280	33.6%	253	47.8%
TURKISH LIRA	606	3,934	-84.6%	693	-12.6%
TURKISH LIRA (EU)	696	1,453	-52.1%	539	29.1%
E-MICRO EUR/USD	5,250	5,522	-4.9%	5,516	-4.8%
E-MICRO GBP/USD	1,929	1,863	3.5%	1,571	22.8%
E-MICRO USD/CAD	0	4	-100.0%	0	-
E-MICRO USD/CHF	0	0	-	0	-
E-MICRO USD/JPY	2	16	-87.5%	2	0.0%
E-MICRO AUD/USD	1,307	1,486	-12.0%	770	69.7%
COLOMBIAN PESO FUTURES	0	0	-	0	-
MICRO CHF/USD	1,277	967	32.1%	1,341	-4.8%
MICRO JYP/USD	2,610	401	550.9%	1,838	42.0%
MICRO CAD/USD	754	898	-16.0%	635	18.7%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>FX Futures</b>					
FX\$INDEX	0	0	-	0	-
EUR/USD REALIZED VOL	0	0	-	0	-
INDIAN RUPEE	357	0	-	1,511	-76.4%
RMB JY	0	0	-	0	-
FCXR	46	0	-	31	48.4%
EURO QUARTERLY VARIANCE FI	556	0	-	556	0.0%
<b>FX Options</b>					
AUSTRALIAN DOLLAR	108,854	96,293	13.0%	103,760	4.9%
BRITISH POUND	120,850	49,225	145.5%	118,042	2.4%
CANADIAN DOLLAR	63,895	71,272	-10.4%	64,065	-0.3%
EURO FX	378,291	247,626	52.8%	380,209	-0.5%
JAPANESE YEN	182,322	110,457	65.1%	151,568	20.3%
MEXICAN PESO	35	0	-	75	-53.3%
NEW ZEALND DOLLAR	0	5	-100.0%	1	-100.0%
RUSSIAN RUBLE	0	0	-	0	-
SWISS FRANC	15,929	3,922	306.1%	11,628	37.0%
EFX/BP CROSS RATES	0	0	-	0	-
EFX/JY CROSS RATES	0	0	-	0	-
EFX/SF CROSS RATES	0	3,044	-100.0%	0	-
JAPANESE YEN (EU)	1,874	192	876.0%	2,195	-14.6%
EURO FX (EU)	5,405	2,840	90.3%	5,965	-9.4%
SWISS FRANC (EU)	593	249	138.2%	652	-9.0%
CANADIAN DOLLAR (EU)	1,608	4,528	-64.5%	836	92.3%
BRITISH POUND (EU)	2,653	756	250.9%	2,680	-1.0%
AUSTRALIAN DLR (EU)	1,221	330	270.0%	2,869	-57.4%
<b>Commodities and Alternative Investments</b>					
<b>Futures</b>					
CORN	1,202,579	1,221,881	-1.6%	1,325,416	-9.3%
SOYBEAN	619,303	599,710	3.3%	565,208	9.6%
SOYBEAN MEAL	272,258	217,826	25.0%	276,462	-1.5%
SOYBEAN OIL	337,054	316,130	6.6%	325,630	3.5%
OATS	8,482	10,000	-15.2%	10,768	-21.2%
ROUGH RICE	8,436	14,611	-42.3%	8,876	-5.0%
WHEAT	388,036	451,100	-14.0%	360,580	7.6%
MINI CORN	4,737	7,854	-39.7%	8,510	-44.3%
MINI SOYBEAN	11,591	8,221	41.0%	6,788	70.8%
MINI WHEAT	1,724	2,995	-42.4%	2,771	-37.8%
LIVE CATTLE	336,913	339,347	-0.7%	329,219	2.3%
FEEDER CATTLE	37,577	27,524	36.5%	38,717	-2.9%
LEAN HOGS	278,679	248,108	12.3%	307,819	-9.5%
PORK BELLIES	0	0	-	0	-
LUMBER	4,740	10,936	-56.7%	4,865	-2.6%
WOOD PULP	0	45	-100.0%	0	-
MILK	24,533	24,489	0.2%	20,560	19.3%
MLK MID	0	0	-	0	0.0%
NFD MILK	3,115	651	378.5%	2,353	32.4%
BUTTER CS	5,208	3,389	53.7%	4,287	21.5%
CLASS IV MILK	6,634	1,105	500.4%	4,739	40.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Commodities and Alternative Investments</b>					
<b>Futures</b>					
DRY WHEY	2,364	1,622	45.7%	2,204	7.3%
GSCI EXCESS RETURN FUT	24,679	26,991	-8.6%	24,849	-0.7%
GOLDMAN SACHS	7,665	9,298	-17.6%	8,191	-6.4%
HOUSING INDEX	80	86	-7.0%	149	-46.3%
ETHANOL	3,409	10,573	-67.8%	4,015	-15.1%
HDD WEATHER	9,222	1,980	365.8%	5,263	75.2%
CDD WEATHER	1,500	0	-	1,500	0.0%
HDD SEASONAL STRIP	550	0	-	550	0.0%
CDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER EUROPEAN	300	1,700	-82.4%	0	-
CAT WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	1,000	1,800	-44.4%	1,000	0.0%
CAT EURO SEASONAL STRIP	0	0	-	0	-
WKLY AVG TEMP	100	0	-	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
COFFEE	2	4	-50.0%	9	-77.8%
DOW-UBS COMMOD INDEX	8,174	9,309	-12.2%	6,911	18.3%
SUGAR 11	2	17	-88.2%	5	-60.0%
COCOA TAS	1	4	-75.0%	2	-50.0%
COTTON	4	5	-20.0%	6	-33.3%
HARD WOOD PULP	0	0	-	0	-
GRAIN BASIS SWAPS	886	10,999	-91.9%	1,072	-17.4%
DOW-UBS COMMOD INDEX SWAP	1,682	114	1,375.4%	1,682	0.0%
USD CRUDE PALM OIL	0	55	-100.0%	240	-100.0%
CASH-SETTLED CHEESE	9,156	4,989	83.5%	8,446	8.4%
SEAS SNOWFALL	0	0	-	0	-
OTC SP GSCI ER 3MTH SWAP	0	0	-	0	-
OTC SP GSCI ER SWAP	2,058	2,456	-16.2%	2,058	0.0%
FERTILIZER PRODUCTS	1,645	1,170	40.6%	1,655	-0.6%
WHEAT HRW	146,999	0	-	158,675	-7.4%
S&P GSCI ENHANCED ER SWAP	13,072	2,344	457.7%	13,072	0.0%
MALAYSIAN PALM SWAP	6,100	0	-	6,140	-0.7%
DJ_UBS ROLL SELECT INDEX FU	170	0	-	170	0.0%

### Commodities and Alternative Investments

<b>Options</b>					
CORN	944,806	1,021,641	-7.5%	1,782,889	-47.0%
SOYBEAN	543,033	853,362	-36.4%	446,265	21.7%
SOYBEAN MEAL	118,986	135,810	-12.4%	186,379	-36.2%
SOYBEAN OIL	68,354	151,730	-55.0%	123,988	-44.9%
SOYBEAN CRUSH	1,037	508	104.1%	955	8.6%
OATS	3,172	1,693	87.4%	6,283	-49.5%
ROUGH RICE	1,701	2,363	-28.0%	1,099	54.8%
WHEAT	219,970	225,672	-2.5%	355,669	-38.2%
LIVE CATTLE	252,453	277,897	-9.2%	228,990	10.2%
FEEDER CATTLE	18,410	12,920	42.5%	23,605	-22.0%
LEAN HOGS	159,757	176,191	-9.3%	135,485	17.9%
LUMBER	1,507	881	71.1%	1,267	18.9%
MILK	59,751	70,101	-14.8%	50,224	19.0%
MLK MID	634	982	-35.4%	486	30.5%
NFD MILK	3,188	803	297.0%	2,608	22.2%



## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>Commodities and Alternative Investments</b>					
<b>Options</b>					
BUTTER CS	5,010	1,658	202.2%	3,936	27.3%
CLASS IV MILK	13,443	1,172	1,047.0%	10,077	33.4%
DRY WHEY	1,461	331	341.4%	944	54.8%
HDD WEATHER	2,010	2,800	-28.2%	1,000	101.0%
CDD WEATHER	0	0	-	0	-
HDD SEASONAL STRIP	33,685	40,665	-17.2%	31,925	5.5%
CDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER EUROPEAN	0	500	-100.0%	0	-
CAT WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	10,000	21,500	-53.5%	9,500	5.3%
CAT EURO SEASONAL STRIP	0	0	-	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
SBIN M HURR	0	0	-	0	-
SBIN M HURR EVENT2	0	500	-100.0%	0	-
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	175	900	-80.6%	150	16.7%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	2,545	3,520	-27.7%	1,980	28.5%
SOYBN NEARBY+2 CAL SPRD	875	5	17,400.0%	182	380.8%
WHEAT NEARBY+2 CAL SPRD	3,845	2,475	55.4%	7,277	-47.2%
CORN NEARBY+2 CAL SPRD	1,655	3,423	-51.7%	3,331	-50.3%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC WHEAT CAL SPRD	30	150	-80.0%	0	-
LV CATL CSO	0	334	-100.0%	0	-
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-
SBIN HURR	750	4,000	-81.3%	750	0.0%
SNOWFALL	0	0	-	0	-
WHEAT-CORN ICSO	57	0	-	296	-80.7%
CASH-SETTLED CHEESE	9,938	5,253	89.2%	7,906	25.7%
SEAS SNOWFALL	0	0	-	0	-
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-
SOY OIL NEARBY+2 CAL SPRD	50	0	-	125	-60.0%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-
DEC-DEC CORN CAL SPRD	0	0	-	1,525	-100.0%
DEC-JULY CORN CAL SPRD	0	0	-	370	-100.0%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
SOYBEAN CORN RATIO	0	145	-100.0%	0	-
LN HOGS CSO	0	50	-100.0%	0	-
WHEAT HRW	18,987	0	-	33,388	-43.1%
JAN-MAY SOYBEAN CAL SPRD	0	135	-100.0%	0	-
MAY-NOV SOYBEAN CAL SPRD	0	0	-	0	-
	105	0	-	0	-
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	17,530,992	14,430,059	21.5%	16,138,587	8.6%
Equity Index Futures	3,944,991	4,096,940	-3.7%	3,793,032	4.0%
Metals Futures	795,905	841,293	-5.4%	789,470	0.8%
Energy Futures	20,507,752	18,808,673	9.0%	20,697,187	-0.9%
FX Futures	1,291,802	1,416,813	-8.8%	1,194,230	8.2%
Commodities and Alternative Invest	3,792,419	3,591,438	5.6%	3,851,432	-1.5%
<b>TOTAL FUTURES</b>	<b>47,863,861</b>	<b>43,185,216</b>	<b>10.8%</b>	<b>46,463,938</b>	<b>3.0%</b>

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2013	Open Interest NOV 2012	% CHG	Open Interest OCT 2013	% CHG
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	25,207,801	16,044,597	57.1%	25,553,087	-1.4%
Equity Index Options	3,721,803	2,510,564	48.2%	3,805,052	-2.2%
Metals Options	1,579,563	1,162,618	35.9%	1,915,621	-17.5%
Energy Options	9,384,238	10,789,803	-13.0%	10,444,164	-10.1%
FX Options	883,530	590,739	49.6%	844,545	4.6%
Commodities and Alternative Invest	2,501,380	3,022,070	-17.2%	3,460,854	-27.7%
<b>TOTAL OPTIONS</b>	<b>43,278,315</b>	<b>34,120,391</b>	<b>26.8%</b>	<b>46,023,323</b>	<b>-6.0%</b>
 <b>TOTAL COMBINED</b>					
Interest Rate	42,738,793	30,474,656	40.2%	41,691,674	2.5%
Equity Index	7,666,794	6,607,504	16.0%	7,598,084	0.9%
Metals	2,375,468	2,003,911	18.5%	2,705,091	-12.2%
Energy	29,891,990	29,598,476	1.0%	31,141,351	-4.0%
FX	2,175,332	2,007,552	8.4%	2,038,775	6.7%
Commodities and Alternative Invest	6,293,799	6,613,508	-4.8%	7,312,286	-13.9%
<b>GRAND TOTAL</b>	<b>91,142,176</b>	<b>77,305,607</b>	<b>17.9%</b>	<b>92,487,261</b>	<b>-1.5%</b>