

## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Interest Rate Futures</b>					
30-YR BOND	952,595	753,132	26.5%	828,934	14.9%
10-YR NOTE	2,785,884	2,415,707	15.3%	2,763,299	0.8%
5-YR NOTE	1,993,533	2,012,277	-0.9%	1,925,183	3.6%
2-YR NOTE	1,396,393	1,014,075	37.7%	1,327,584	5.2%
FED FUND	736,109	289,624	154.2%	693,072	6.2%
10-YR SWAP	0	0	-	0	-
5-YR SWAP	0	0	-	0	-
EUROYEN	0	1	-100.0%	0	-
EURODOLLARS	11,489,776	10,464,530	9.8%	11,755,676	-2.3%
5-YR SWAP RATE	53,067	33,896	56.6%	54,230	-2.1%
2-YR SWAP RATE	16,762	5,105	228.3%	16,470	1.8%
10-YR SWAP RATE	52,260	46,344	12.8%	51,313	1.8%
EMINI ED	0	1	-100.0%	0	-
7-YR SWAP	0	0	-	0	-
30-YR SWAP	0	0	-	0	-
1-MONTH EURODOLLAR	2,086	819	154.7%	2,247	-7.2%
ULTRA T-BOND	587,651	489,300	20.1%	510,679	15.1%
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	2,728	6,181	-55.9%	2,720	0.3%
EURO BONDS	0	0	-	0	-
3YR BUNDLE	184	0	-	183	0.5%
2YR BUNDLE	49	0	-	41	19.5%
EURO 5YR BUNDLE	19	0	-	19	0.0%
<b>Interest Rate Options</b>					
30-YR BOND	235,649	427,416	-44.9%	500,413	-52.9%
10-YR NOTE	2,343,740	1,920,367	22.0%	2,821,061	-16.9%
5-YR NOTE	493,043	581,755	-15.2%	1,229,440	-59.9%
2-YR NOTE	101,226	15,623	547.9%	148,197	-31.7%
FED FUND	20,789	14,466	43.7%	19,270	7.9%
FLEX 30-YR BOND	0	0	-	0	-
FLEX 10-YR NOTE	0	0	-	0	-
EURODOLLARS	15,637,914	8,041,211	94.5%	14,388,971	8.7%
EURO MIDCURVE	12,660,155	14,194,430	-10.8%	14,308,953	-11.5%
TOMMI MIDCURVE	0	0	-	0	-
ULTRA T-BOND	1,528	12,533	-87.8%	10,006	-84.7%

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<b>Equity Index Futures</b>					
\$25 DJ	0	3	-100.0%	0	-
DJIA	10,698	13,823	-22.6%	11,280	-5.2%
MINI \$5 DOW	142,932	135,626	5.4%	124,928	14.4%
E-MINI S&P500	3,086,668	2,907,085	6.2%	2,865,275	7.7%
S&P 500	152,283	165,412	-7.9%	154,631	-1.5%
S&P 600 SMALLCAP EMINI	0	20	-100.0%	0	-
E-MINI MIDCAP	99,516	114,191	-12.9%	98,772	0.8%
S&P 400 MIDCAP	2,840	488	482.0%	4,790	-40.7%
S&P 500 GROWTH	54	111	-51.4%	51	5.9%
S&P 500/VALUE	117	128	-8.6%	119	-1.7%
E-MINI NASDAQ 100	371,112	412,529	-10.0%	330,341	12.3%
NASDAQ	13,500	9,700	39.2%	9,683	39.4%
NIKKEI 225 (\$) STOCK	72,163	70,059	3.0%	57,461	25.6%
NIKKEI 225 (YEN) STOCK	125,523	98,945	26.9%	115,976	8.2%
DJ US REAL ESTATE	5,141	3,393	51.5%	5,500	-6.5%
NASDAQ BIOTECH	100	0	-	50	100.0%
E-MICRO NIFTY	0	0	-	0	-
E-MINI NIFTY	0	0	-	0	-
S&P CONSUMER DSCRTNRY SE	1,271	1,808	-29.7%	1,035	22.8%
S&P HEALTH CARE SECTOR	3,955	1,220	224.2%	3,802	4.0%
S&P UTILITIES SECTOR	3,390	1,568	116.2%	2,631	28.8%
S&P CONSUMER STAPLES SECT	5,786	2,013	187.4%	4,974	16.3%
S&P TECHNOLOGY SECTOR	2,742	2,484	10.4%	3,291	-16.7%
S&P INDUSTRIAL SECTOR	3,794	1,107	242.7%	3,424	10.8%
S&P FINANCIAL SECTOR	2,948	2,082	41.6%	3,059	-3.6%
S&P ENERGY SECTOR	1,794	590	204.1%	1,351	32.8%
S&P MATERIALS SECTOR	903	531	70.1%	877	3.0%
IBOVESPA INDEX	61	75	-18.7%	83	-26.5%
BESPOKE CUSTOM INDEXES	0	0	-	0	-
<b>Equity Index Options</b>					
DJIA	32	62	-48.4%	38	-15.8%
MINI \$5 DOW	27,827	22,187	25.4%	29,940	-7.1%
E-MINI S&P500	2,672,017	2,775,975	-3.7%	3,320,830	-19.5%
S&P 500	462,853	337,462	37.2%	588,190	-21.3%
E-MINI MIDCAP	94	274	-65.7%	103	-8.7%
E-MINI NASDAQ 100	118,806	72,710	63.4%	120,235	-1.2%
NASDAQ	43	92	-53.3%	53	-18.9%
EOM S&P 500	6,954	7,760	-10.4%	8,601	-19.1%
EOM EMINI S&P	155,452	148,520	4.7%	153,291	1.4%
EOW2 EMINI S&P 500	98,229	70,373	39.6%	100,882	-2.6%
EOW2 S&P 500	8,470	9,233	-8.3%	7,911	7.1%
EOW1 EMINI S&P 500	524,330	243,383	115.4%	376,743	39.2%
EOW1 S&P 500	57,079	26,595	114.6%	27,439	108.0%
EOW4 EMINI S&P 500	30,466	7,177	324.5%	0	-

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<b>Metals Futures</b>					
COMEX COPPER	164,092	155,519	5.5%	163,394	0.4%
URANIUM	5,402	7,310	-26.1%	6,004	-10.0%
COMEX MINY COPPER	146	112	30.4%	115	27.0%
COMEX MINY GOLD	738	530	39.2%	1,007	-26.7%
COMEX GOLD	376,407	387,611	-2.9%	421,970	-10.8%
COMEX SILVER	156,064	133,205	17.2%	179,095	-12.9%
COMEX MINY SILVER	119	136	-12.5%	273	-56.4%
E-MINI SILVER	0	3	-100.0%	0	-
NYMEX PLATINUM	64,625	60,940	6.0%	60,741	6.4%
NYMEX HOT ROLLED STEEL	23,293	14,619	59.3%	15,708	48.3%
PALLADIUM	31,796	35,707	-11.0%	33,770	-5.8%
E-MICRO GOLD	1,447	1,237	17.0%	2,383	-39.3%
NYMEX IRON ORE FUTURES	5,035	4,463	12.8%	5,714	-11.9%
AUSTRIALIAN COKE COAL	1,177	64	1,739.1%	1,332	-11.6%
SILVER	606	1,027	-41.0%	1,121	-45.9%
COPPER	4,073	453	799.1%	3,508	16.1%
FERROUS PRODUCTS	0	195	-100.0%	0	-
IRON ORE	240	0	-	120	100.0%
ALUMINUM	202	0	-	238	-15.1%
Aluminium MW Trans Prem Platts	1,961	84	2,234.5%	1,969	-0.4%

### Metals Options

COMEX COPPER	1,523	1,936	-21.3%	3,151	-51.7%
COMEX GOLD	1,373,769	1,366,797	0.5%	1,672,665	-17.9%
COMEX SILVER	197,929	174,004	13.7%	266,262	-25.7%
NYMEX PLATINUM	21,090	19,849	6.3%	16,379	28.8%
NYMEX HOT ROLLED STEEL	0	1,920	-100.0%	0	-
PALLADIUM	4,683	11,295	-58.5%	16,197	-71.1%
IRON ORE CHINA	6,172	3,762	64.1%	3,792	62.8%
SHORT TERM	0	0	-	0	-
SHORT TERM GOLD	0	0	-	0	-
SILVER	43	0	-	55	-21.8%
GOLD	373	0	-	690	-45.9%

### Energy Futures

ETHANOL FWD	1,542	2,431	-36.6%	1,478	4.3%
NATURAL GAS PHY	953,438	1,261,809	-24.4%	901,524	5.8%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
COLUMBIA GULF MAIN NAT G	992	0	-	0	-
RBOB GASOLINE BALMO CLNDR	42	863	-95.1%	1,094	-96.2%
GASOLINE UP-DOWN BALMO SW	545	430	26.7%	60	808.3%
FUEL OIL (PLATS) CAR CN	23	22	4.5%	26	-11.5%
FUEL OIL (PLATS) CAR CM	190	99	91.9%	15	1,166.7%
FAME 0 BIODIESEL FOB RTDM S	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	23,916	14,983	59.6%	26,955	-11.3%
ETHANOL T2 FOB ROTT INCL DU	2,328	2,836	-17.9%	2,219	4.9%
SINGAPORE MOGAS 92 UNLEAD	975	150	550.0%	250	290.0%
JET AV FUEL (P) CAR FM ICE GA	166	67	147.8%	126	31.7%

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<b>Energy Futures</b>					
NY JET FUEL (PLATTS) HEAT OIL	3,790	2,525	50.1%	3,600	5.3%
PROPANE NON-LDH MB (OPIS) B	0	60	-100.0%	200	-100.0%
PROPANE NON-LDH MT. BEL (OF	6,545	1,462	347.7%	5,243	24.8%
N ILLINOIS HUB DAILY	0	0	-	0	-
CINERGY HUB PEAK MONTH	1,708	3,842	-55.5%	1,880	-9.1%
NO 2 UP-DOWN SPREAD CALEN	750	2,120	-64.6%	975	-23.1%
CIN HUB 5MW D AH O PK	266,248	233,592	14.0%	270,384	-1.5%
NY 3.0% FUEL OIL (PLATTS	330	732	-54.9%	230	43.5%
ARGUS LLS VS. WTI (ARG) T	6,038	9,023	-33.1%	5,493	9.9%
TRANSCO ZONE 1 NG BASIS	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	1,067	2,352	-54.6%	1,167	-8.6%
NYISO ZONE A 5MW D AH PK	39,469	45,723	-13.7%	39,988	-1.3%
NEPOOL MAINE 5MW D AH PK	0	123	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	404,203	397,682	1.6%	323,365	25.0%
PJM COMED 5MW D AH O PK	87,734	160,089	-45.2%	91,118	-3.7%
NYISO ZONE A 5MW D AH O P	577,266	663,740	-13.0%	601,330	-4.0%
NEPOOL MAINE 5MW D AH O E	0	2,427	-100.0%	0	-
CHICAGO UNL GAS PL VS RBO	42	50	-16.0%	48	-12.5%
PREMIUM UNLEAD 10PPM FOB	133	181	-26.5%	237	-43.9%
NEW YORK 0.3% FUEL OIL HI	0	0	-	0	-
GASOIL 10P CRG CIF NW VS	5	15	-66.7%	15	-66.7%
GASOIL 0.1 RDAM BRGS VS I	168	1,775	-90.5%	162	3.7%
PJM WESTHDA PEAK	84,283	51,868	62.5%	87,158	-3.3%
PJM PEPCO DA PEAK	0	1,316	-100.0%	0	-
PJM DPL DA PEAK	0	817	-100.0%	0	-
PJM DAYTON DA PEAK	19,194	14,202	35.1%	20,275	-5.3%
PJM WESTH DA OFF-PEAK	1,451,324	799,199	81.6%	1,485,540	-2.3%
PJM PPL DA OFF-PEAK	49,257	121,164	-59.3%	52,641	-6.4%
PJM AECO DA OFF-PEAK	192,840	187,673	2.8%	204,496	-5.7%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	25	249	-90.0%	33	-24.2%
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	25	22	13.6%	0	-
EUROPE NAPHTHA CALSWAP	2,043	2,300	-11.2%	2,204	-7.3%
HENRY HUB SWING FUTURE	132	0	-	0	-
BRENT BALMO SWAP	92	362	-74.6%	185	-50.3%
TENNESSEE 500 LEG NG INDE	0	2,920	-100.0%	248	-100.0%
PJM PECO ZONE5MW PEAK CAL	512	2,061	-75.2%	512	0.0%
MISO 5MW OFF PEAK	0	8,080	-100.0%	0	-
MISO 5MW PEAK	0	410	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING	16,253	3,211	406.2%	14,921	8.9%
NY JET FUEL (ARGUS) VS HEATI	0	0	-	0	-
N ROCKIES PIPE SWAP	2,747	270	917.4%	3,328	-17.5%
CARBON EUA EMISSIONS EURO	0	0	-	0	-
GASOIL MINI CALENDAR SWAP	1,471	599	145.6%	1,774	-17.1%
BRENT OIL LAST DAY	145,354	52,421	177.3%	147,733	-1.6%
SAN JUAN PIPE SWAP	336	0	-	336	0.0%
SINGAPORE GASOIL BALMO	240	500	-52.0%	225	6.7%
EUROPEAN NAPHTHA BALMO	174	115	51.3%	199	-12.6%
EURO 3.5% FUEL OIL RDAM B	274	378	-27.5%	568	-51.8%
LLS (ARGUS) CALENDAR SWAP	200	1,700	-88.2%	300	-33.3%

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LA CARB DIESEL (OPIS) SWA	702	653	7.5%	1,017	-31.0%
JET UP-DOWN(ARGUS) SWAP	0	0	-	0	-
GASOLINE UP-DOWN (ARGUS)	0	6	-100.0%	0	-
GULF COAST ULSD CALENDAR	7,284	10,309	-29.3%	7,563	-3.7%
CENTERPOINT EAST INDEX	248	0	-	0	-
CENTERPOINT BASIS SWAP	7,345	841	773.4%	3,355	118.9%
WTI-BRENT CALENDAR SWAP	136,612	96,085	42.2%	132,964	2.7%
EURO GASOIL 10PPM VS ICE	496	1,646	-69.9%	796	-37.7%
BRENT CALENDAR SWAP	36,350	46,500	-21.8%	34,648	4.9%
MINY HTG OIL	2	2	0.0%	0	0.0%
FUELOIL SWAP:CARGOES VS.B	2,470	4,068	-39.3%	2,602	-5.1%
ILLINOIS OFF-PEAK MONTH S	0	0	-	0	-
MICHIGAN HUB PEAK MONTH S	0	4	-100.0%	0	-
TD3 MEG TO JAPAN 250K MT	0	74	-100.0%	0	-
TRANSCO ZONE 6 SWING SWAP	0	0	-	0	-
DOMINION TRAN INC - APP I	0	0	-	0	-
TENNESSEE ZONE 0 BASIS SW	0	0	-	0	-
PJM OFF-PEAK LMP SWAP FUT	8,736	11,522	-24.2%	8,966	-2.6%
AEP-DAYTON HUB OFF-PEAK M	4,284	7,224	-40.7%	4,550	-5.8%
AEP-DAYTON HUB DAILY	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	5,463	11,258	-51.5%	4,395	24.3%
HTG OIL	104	91	14.3%	180	-42.2%
EUROPE 3.5% FUEL OIL MED	311	27	1,051.9%	403	-22.8%
WAHA INDEX SWAP FUTURE	0	0	-	0	-
EL PASO PERMIAN INDEX SWA	0	0	-	0	-
HEATING OIL PHY	369,006	286,127	29.0%	396,913	-7.0%
PJM MONTHLY	15,731	37,685	-58.3%	17,325	-9.2%
NY HARBOR HEAT OIL SWP	21,376	15,496	37.9%	18,658	14.6%
TCO BASIS SWAP	81,675	5,253	1,454.8%	79,037	3.3%
DOMINION TRANSMISSION INC	16,830	19,455	-13.5%	17,081	-1.5%
NYISO A	10,972	10,515	4.3%	11,037	-0.6%
MINY NATURAL GAS	2,316	2,280	1.6%	2,005	15.5%
TRANSCO ZONE 6 BASIS SWAP	2,580	3,818	-32.4%	2,496	3.4%
NYH NO 2 CRACK SPREAD CAL	23,794	31,128	-23.6%	26,149	-9.0%
JAPAN C&F NAPHTHA CRACK S	244	60	306.7%	36	577.8%
PERMIAN BASIS SWAP	5,318	931	471.2%	2,350	126.3%
NY HARBOR RESIDUAL FUEL 1	6,825	11,210	-39.1%	6,687	2.1%
GULF COAST NO.6 FUEL OIL	49,177	54,679	-10.1%	51,352	-4.2%
NGPL MID-CONTINENT	18,761	21,789	-13.9%	18,970	-1.1%
NYISO J	7,599	7,660	-0.8%	6,517	16.6%
NYISO G	4,362	6,855	-36.4%	4,620	-5.6%
ARGUS PROPAN(SAUDI ARAMC	920	617	49.1%	825	11.5%
JAPAN NAPHTHA BALMO SWAP	9	157	-94.3%	91	-90.1%
EUROPE JET KERO NWE CALSW	44	113	-61.1%	61	-27.9%
JET CIF NWE VS ICE	391	970	-59.7%	447	-12.5%
RBOB PHY	313,035	224,291	39.6%	317,066	-1.3%
RBOB GAS	308	525	-41.3%	425	-27.5%
GASOIL 0.1 CIF NWE VS ISE	23	0	-	32	-28.1%
NY1% VS GC SPREAD SWAP	4,032	7,208	-44.1%	4,986	-19.1%
GULF COAST 3% FUEL OIL BA	1,865	1,894	-1.5%	2,084	-10.5%
EUROPE 3.5% FUEL OIL RDAM	12,260	10,112	21.2%	11,950	2.6%

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<b>Energy Futures</b>					
FUEL OIL NWE CRACK VS ICE	1,070	6,094	-82.4%	1,374	-22.1%
DIESEL 10P BRG FOB RDM VS	5	0	-	5	0.0%
ARGUS BIODIESEL RME FOB R	0	0	-	0	-
TRANSCO ZONE 6 INDEX	40	0	-	0	-
SONAT BASIS SWAP FUTURE	3,238	2,980	8.7%	3,358	-3.6%
PANHANDLE SWING FUTURE	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	23,064	26,845	-14.1%	21,950	5.1%
NGPL MIDCONTINENT INDEX	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	5,436	4,685	16.0%	3,952	37.6%
CRUDE OIL PHY	1,446,183	1,634,684	-11.5%	1,494,163	-3.2%
CINERGY HUB OFF-PEAK MONT	1,402	2,932	-52.2%	1,514	-7.4%
TEXAS GAS ZONE SL BASIS S	0	0	-	0	-
ANR LOUISIANA BASIS SWAP	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	12,000	6,274	91.3%	12,074	-0.6%
FLORIDA GAS ZONE3 BASIS S	2,011	1,548	29.9%	2,161	-6.9%
SINGAPORE NAPHTHA SWAP	175	1,478	-88.2%	175	0.0%
SINGAPORE JET KEROSENE SW	6,683	8,462	-21.0%	5,371	24.4%
SINGAPORE 380CST FUEL OIL	4,688	6,107	-23.2%	4,197	11.7%
AEP-DAYTON HUB MTHLY	3,934	8,109	-51.5%	4,277	-8.0%
N ILLINOIS HUB MTHLY	2,330	3,962	-41.2%	2,477	-5.9%
ISO NEW ENGLAND OFF-PEAK	1,772	5,406	-67.2%	1,986	-10.8%
NYISO G OFF-PEAK	1,594	3,211	-50.4%	1,690	-5.7%
NYISO A OFF-PEAK	3,866	4,548	-15.0%	4,048	-4.5%
TC2 ROTTERDAM TO USAC 37K	20	100	-80.0%	30	-33.3%
TD5 WEST AFRICA TO USAC 1	0	0	-	0	-
EUROPE DATED BRENT SWAP	4,712	5,271	-10.6%	3,873	21.7%
WESTERN RAIL DELIVERY PRB	6,785	13,263	-48.8%	5,975	13.6%
NATURAL GAS PEN SWP	567,221	761,631	-25.5%	626,808	-9.5%
SINGAPORE GASOIL VS ICE	8,108	16,847	-51.9%	9,094	-10.8%
JET BARGES VS ICE GASOIL	5	5	0.0%	15	-66.7%
SOCAL PIPE SWAP	1,650	4,740	-65.2%	1,704	-3.2%
TEXAS GAS ZONE 1 NAT GAS	0	0	-	0	-
SINGAPORE 180CST BALMO	30	182	-83.5%	51	-41.2%
MONT BELVIEU LDH PROPANE 5	75,840	23,146	227.7%	72,099	5.2%
MONT BELVIEU ETHANE 5 DECI	12,638	8,680	45.6%	12,840	-1.6%
MONT BELVIEU NORMAL BUTAN	24,510	16,646	47.2%	25,703	-4.6%
WAHA BASIS	12,971	4,615	181.1%	9,323	39.1%
PREM UNL GAS 10PPM RDM F	31	54	-42.6%	74	-58.1%
PREM UNL GAS 10PPM RDM F	9	10	-10.0%	5	80.0%
HENRY HUB SWAP	1,778,789	2,401,572	-25.9%	1,763,456	0.9%
HENRY HUB BASIS SWAP	36,960	15,976	131.3%	38,954	-5.1%
CHICAGO SWING FUTURE	0	0	-	0	-
CHICAGO BASIS SWAP	0	124	-100.0%	0	-
CHICAGO ETHANOL SWAP	36,519	36,193	0.9%	38,863	-6.0%
PJM WESTH RT OFF-PEAK	3,087,512	1,811,486	70.4%	3,139,776	-1.7%
PJM JCPL DA OFF-PEAK	125,085	23,400	434.6%	130,725	-4.3%
PJM DAYTON DA OFF-PEAK	333,151	183,534	81.5%	344,055	-3.2%
PJM AD HUB 5MW REAL TIME	1,680,858	1,319,420	27.4%	1,723,741	-2.5%
NEPOOL SE MASS 5MW D AH P	256	584	-56.2%	256	0.0%
ISO NEW ENGLAND PK LMP	2,650	7,175	-63.1%	2,961	-10.5%
CRUDE OIL	15,473	30,266	-48.9%	23,147	-33.2%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Energy Futures</b>					
EUROPEAN NAPHTHA CRACK SP	15,994	12,613	26.8%	18,682	-14.4%
GASOIL CRACK SPREAD CALEN	3,806	29,052	-86.9%	5,379	-29.2%
ICE BRENT DUBAI SWAP	1,260	3,520	-64.2%	1,530	-17.6%
BRENT FINANCIAL FUTURES	14,236	18,858	-24.5%	15,737	-9.5%
NGPL TEXOK SWING SWAP	132	0	-	0	-
GASOIL CALENDAR SWAP	147	1,109	-86.7%	196	-25.0%
EURO 3.5% FUEL OIL SPREAD	1,611	946	70.3%	1,093	47.4%
ILLINOIS HUB PEAK MONTH S	0	0	-	0	-
MICHIGAN HUB OFF-PEAK MON	0	4	-100.0%	0	-
NYMEX ALUMINUM FUTURES	0	0	-	0	-
NY HARBOR RESIDUAL FUEL C	200	35	471.4%	150	33.3%
LOS ANGELES CARB GASOLINE	0	0	-	0	-
GULF COAST JET VS NYM 2 H	42,735	50,522	-15.4%	44,303	-3.5%
SOCAL BASIS SWAP	2,884	6,033	-52.2%	3,136	-8.0%
SAN JUAN BASIS SWAP	1,423	3,771	-62.3%	1,149	23.8%
EUROPE 1% FUEL OIL RDAM C	81	332	-75.6%	119	-31.9%
EUROPE JET KERO RDAM CALS	0	0	-	0	-
GULF COAST HEATING OIL CL	0	0	-	0	-
GULF COAST GASOLINE CLNDR	1,293	170	660.6%	1,263	2.4%
Transco Zone 3 Basis	11,028	7,914	39.3%	11,028	0.0%
Tetco STX Basis	4	694	-99.4%	8	-50.0%
COLUMBIA GULF ONSHORE	27,403	15,695	74.6%	27,403	0.0%
PJM DAILY	0	0	-	0	-
CIG BASIS	9,380	7,867	19.2%	8,964	4.6%
NORTHERN NATURAL GAS VENTL	7,411	3,139	136.1%	2,671	177.5%
PGE&E CITYGATE	124	1,488	-91.7%	248	-50.0%
TEXAS EASTERN ZONE M-3 BA	21,234	5,918	258.8%	22,549	-5.8%
MICHIGAN BASIS	2,628	3,668	-28.4%	2,457	7.0%
ANR OKLAHOMA	13,808	14,602	-5.4%	15,368	-10.2%
LA JET FUEL VS NYM NO 2 H	25	1,407	-98.2%	50	-50.0%
RBOB UP-DOWN CALENDAR SW	13,637	16,479	-17.2%	15,128	-9.9%
RBOB CALENDAR SWAP	18,584	14,284	30.1%	18,422	0.9%
MINY RBOB GAS	0	0	-	2	-100.0%
GAS EURO-BOB OXY NWE BARG	4,797	5,055	-5.1%	4,520	6.1%
GAS EURO-BOB OXY NWE BARG	33,963	30,243	12.3%	33,488	1.4%
PETRO OUTRIGHT EURO	16,066	20,335	-21.0%	16,634	-3.4%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
OPIS PHYSICAL ETHANE	0	0	-	0	-
OPIS PHYSICAL NATURAL GASO	0	0	-	0	-
OPIS PHYSICAL NORMAL BUTAN	0	0	-	0	-
OPIS PHYSICAL NONLDH PROP	0	0	-	0	-
OPIS PHYSICAL LDH PROPANE	0	0	-	0	-
LA CARBOB GASOLINE(OPIS)S	500	175	185.7%	675	-25.9%
EURO PROPANE CIF ARA SWA	816	956	-14.6%	813	0.4%
GASOIL BULLET SWAP	0	0	-	0	-
NEW YORK ETHANOL SWAP	2,827	600	371.2%	2,412	17.2%
LA CARB DIESEL (OPIS)	81	213	-62.0%	71	14.1%
DEMARC INDEX FUTURE	682	0	-	0	-
WTI CALENDAR	148,586	161,121	-7.8%	152,980	-2.9%
APPALACHIAN COAL (PHY)	897	5,745	-84.4%	952	-5.8%
ROCKIES KERN OPAL - NW IN	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Energy Futures</b>					
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-
HOUSTON SHIP CHANNEL INDE	0	200	-100.0%	0	-
NORTHERN NATURAL GAS DEMA	4,745	20	23,625.0%	3,315	43.1%
TENNESSEE 500 LEG BASIS S	1,836	0	-	1,956	-6.1%
EAST/WEST FUEL OIL SPREAD	1,832	3,367	-45.6%	1,814	1.0%
NYISO J OFF-PEAK	1,216	1,532	-20.6%	1,152	5.6%
TC5 RAS TANURA TO YOKOHAM	10	210	-95.2%	15	-33.3%
WTI-BRENT BULLET SWAP	60	8,285	-99.3%	975	-93.8%
EURO GASOIL 10 CAL SWAP	0	144	-100.0%	0	-
HENRY HUB INDEX SWAP FUTU	27,954	9,136	206.0%	24,574	13.8%
Sumas Basis Swap	5,588	7,540	-25.9%	5,538	0.9%
RBOB CRACK SPREAD	4,408	9,368	-52.9%	5,476	-19.5%
CIN HUB 5MW D AH PK	18,075	14,783	22.3%	18,489	-2.2%
TEXAS GAS ZONE1 NG BASIS	3,150	2,420	30.2%	3,150	0.0%
SINGAPORE GASOIL SWAP	6,841	10,185	-32.8%	5,667	20.7%
GULF COAST JET FUEL CLNDR	2,040	4,079	-50.0%	2,220	-8.1%
ULSD 10PPM CIF MED VS ICE	96	332	-71.1%	174	-44.8%
PJM BGE DA OFF-PEAK	37,976	57,865	-34.4%	40,608	-6.5%
SINGAPORE 380CST BALMO	24	69	-65.2%	45	-46.7%
LTD NAT GAS	414,486	390,062	6.3%	407,207	1.8%
NORTHWEST ROCKIES BASIS S	9,603	13,261	-27.6%	9,730	-1.3%
ULSD UP-DOWN(ARGUS) SWAP	0	0	-	0	-
SING FUEL	0	15	-100.0%	0	-
CIN HUB 5MW REAL TIME O P	381,240	454,880	-16.2%	393,272	-3.1%
NYISO ZONE C 5MW D AH PK	2,033	2,913	-30.2%	2,171	-6.4%
NEPOOL NE MASS 5MW D AH O	26,746	79,209	-66.2%	30,506	-12.3%
NEPOOL NE MASS 5MW D AH P	1,434	4,476	-68.0%	1,664	-13.8%
NEPOOL SE MASS 5MW D AH O	4,664	11,136	-58.1%	4,664	0.0%
NEPOOL CNCTCT 5MW D AH O	4,696	14,175	-66.9%	4,696	0.0%
NEPOOL CONECTIC 5MW D AH	336	1,230	-72.7%	382	-12.0%
NEPOOL W CNT MASS 5MW D A	33,871	68,910	-50.8%	36,503	-7.2%
PJM COMED 5MW D AH PK	4,780	8,641	-44.7%	4,987	-4.2%
NYISO ZONE J 5MW D AH O P	154,141	344,879	-55.3%	191,373	-19.5%
NYISO ZONE J 5MW D AH PK	10,951	23,041	-52.5%	12,147	-9.8%
PJM NI HUB 5MW REAL TIME	739,214	949,831	-22.2%	790,170	-6.4%
NYISO ZONE C 5MW D AH O P	37,702	46,307	-18.6%	39,958	-5.6%
ONEOK OKLAHOMA NG BASIS	2,380	1,215	95.9%	2,488	-4.3%
TEXAS EAST W LOUISIANA NG	0	0	-	0	-
COLUMB GULF MAINLINE NG B	35,551	8,923	298.4%	32,467	9.5%
PANHANDLE PIPE SWAP	0	0	-	0	-
NGPL STX NAT GAS INDEX SW	0	0	-	0	-
TEXAS EAST WLA NAT GAS IN	0	0	-	0	-
TRANSCO ZONE 4 NAT GAS IN	372	0	-	0	-
ELEC MISO PEAK	2,320	6,295	-63.1%	2,619	-11.4%
ELEC NYISO OFF-PEAK	41,747	104,882	-60.2%	45,883	-9.0%
WTS (ARGUS) VS WTI SWAP	28,568	8,441	238.4%	20,565	38.9%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
BRENT CFD(PLATTS) VS FRNT	0	0	-	0	-
NY 0.7% FUEL OIL (PLATTS	0	0	-	0	-
NY 2.2% FUEL OIL (PLATTS	445	0	-	395	12.7%
EIA FLAT TAX ONHWAY DIESE	5,684	4,673	21.6%	6,258	-9.2%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Energy Futures</b>					
NGPL STX BASIS	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	225	700	-67.9%	2,447	-90.8%
ULSD UP-DOWN BALMO SWP	843	1,445	-41.7%	1,720	-51.0%
EUROPEAN GASOIL (ICE)	291	511	-43.1%	250	16.4%
CRUDE OIL LAST DAY	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	365,982	672,986	-45.6%	386,286	-5.3%
PJM PEP CO DA OFF-PEAK	0	4,045	-100.0%	0	-
NY H OIL PLATTS VS NYMEX	1,416	5,724	-75.3%	722	96.1%
GASOIL 10PPM VS ICE SWAP	182	834	-78.2%	230	-20.9%
NY HARBOR 1% FUEL OIL BAL	0	125	-100.0%	0	-
LA JET (OPIS) SWAP	125	1,500	-91.7%	50	150.0%
PJM AECO DA PEAK	10,419	10,148	2.7%	11,132	-6.4%
PREMIUM UNLD 10PPM CARGOE	0	0	-	0	-
GASOIL 10PPM CARGOES CIF	0	2	-100.0%	0	-
TETCO M-3 INDEX	6,574	0	-	7,194	-8.6%
TRUNKLINE LA BASIS SWAP	0	0	-	0	-
SINGAPORE JET KERO GASOIL	4,100	10,786	-62.0%	4,775	-14.1%
SINGAPORE FUEL OIL SPREAD	781	2,720	-71.3%	929	-15.9%
NORTHERN ILLINOIS OFF-PEA	2,808	5,214	-46.1%	2,958	-5.1%
NEW YORK HUB ZONE G PEAK	0	77	-100.0%	0	-
SINGAPORE FUEL 180CST CAL	4,968	7,278	-31.7%	4,572	8.7%
EUROPE 1% FUEL OIL NWE CA	672	1,060	-36.6%	406	65.5%
Tetco ELA Basis	0	0	-	0	-
POLYETHYLENE FUTURES	0	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	3	0	-	0	-
ULSD 10PPM CIF MED SWAP	0	9	-100.0%	0	-
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-
TENNESSEE 500 LEG NG SWIN	0	0	-	0	-
MICHCON NG INDEX SWAP	0	0	-	0	-
TENNESSEE ZONE 0 NG INDE	0	0	-	0	-
TCO NG INDEX SWAP	3,408	0	-	3,656	-6.8%
ALGONQUIN CITYGATES BASIS	584	2,889	-79.8%	711	-17.9%
PJM WESTH RT PEAK	150,604	100,448	49.9%	156,144	-3.5%
PJM PSEG DA OFF-PEAK	34,317	164,417	-79.1%	40,333	-14.9%
PJM PSEG DA PEAK	1,811	8,889	-79.6%	2,179	-16.9%
PJM PPL DA PEAK	3,861	8,769	-56.0%	4,160	-7.2%
PJM JCPL DA PEAK	7,515	3,280	129.1%	7,975	-5.8%
PJM EASTERNH DA OFF-PEAK	0	0	-	0	-
PJM EASTERNH DA PEAK	0	205	-100.0%	0	-
PJM DPL DA OFF-PEAK	0	14,489	-100.0%	0	-
PJM BGE DA PEAK	3,030	5,396	-43.8%	3,306	-8.3%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-
DATED TO FRONTLINE BRENT	4,243	11,152	-62.0%	4,091	3.7%
NEPOOL W CNTR M 5MW D AH	2,070	4,183	-50.5%	2,231	-7.2%
TENNESSEE 800 LEG NG BASI	2,568	3,509	-26.8%	2,568	0.0%
UP DOWN GC ULSD VS NMX HO	54,617	77,043	-29.1%	51,562	5.9%
USGC UNL 87 CRACK SPREAD	450	1,360	-66.9%	410	9.8%
GULF COAST ULSD CRACK SPR	16,797	22,541	-25.5%	17,241	-2.6%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Energy Futures</b>					
NYMEX ULSD VS NYMEX HO	829	0	-	669	23.9%
RBOB VS HEATING OIL SWAP	1,525	0	-	875	74.3%
NYISO ZONE G 5MW D AH PK	24,117	58,503	-58.8%	27,360	-11.9%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-
ULSD 10PPM CIF VS ICE GAS	2	0	-	20	-90.0%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
ARGUS PROPAN FAR EST INDE	542	409	32.5%	518	4.6%
3.5% FUEL OIL CID MED SWA	321	7	4,485.7%	389	-17.5%
JET FUEL CRG CIF NEW VS I	0	10	-100.0%	0	-
BRENT CFD SWAP	0	0	-	81	-100.0%
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	821	619	32.6%	810	1.4%
EURO 1% FUEL OIL NEW BALM	10	40	-75.0%	15	-33.3%
DUBAI CRUDE OIL BALMO	0	0	-	0	-
SINGAPORE JET KERO BALMO	0	50	-100.0%	0	-
WTS (ARGUS) VS WTI TRD MT	5,222	5,842	-10.6%	3,785	38.0%
MARS (ARGUS) VS WTI TRD M	125	279	-55.2%	125	0.0%
MARS (ARGUS) VS WTI SWAP	18,194	12,130	50.0%	19,669	-7.5%
GASOIL 0.1 CARGOES CIF NE	25	0	-	0	-
NATURAL GAS	72,904	36,259	101.1%	71,088	2.6%
NGPL TEXOK INDEX	0	0	-	0	-
FUEL OIL CRACK VS ICE	18,265	32,646	-44.1%	19,411	-5.9%
HEATING OIL VS ICE GASOIL	3,475	14,180	-75.5%	5,165	-32.7%
HOUSTON SHIP CHANNEL BASI	17,632	4,196	320.2%	11,556	52.6%
CARBON CER EURO	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	40,939	43,924	-6.8%	40,128	2.0%
JAPAN C&F NAPHTHA SWAP	1,474	1,577	-6.5%	1,400	5.3%
MINY WTI CRUDE OIL	8,400	5,998	40.0%	5,164	62.7%
CIN HUB 5MW REAL TIME PK	21,234	39,098	-45.7%	22,729	-6.6%
PJM NILL DA PEAK	12,338	27,898	-55.8%	14,003	-11.9%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-
PJM NILL DA OFF-PEAK	236,803	603,021	-60.7%	270,115	-12.3%
PETROCHEMICALS	7,837	7,738	1.3%	8,275	-5.3%
IN DELIVERY MONTH CER	0	0	-	0	-
IN DELIVERY MONTH EUA	118,463	172,050	-31.1%	116,695	1.5%
MONT BELVIEU NORMAL BUTAN	657	109	502.8%	272	141.5%
MONT BELVIEU NATURAL GASO	295	200	47.5%	210	40.5%
CONWAY NORMAL BUTANE (OPI	706	399	76.9%	838	-15.8%
CONWAY PROPANE 5 DECIMALS	10,881	2,441	345.8%	10,122	7.5%
MONT BELVIEU NATURAL GASO	14,249	6,623	115.1%	12,344	15.4%
CONWAY NATURAL GASOLINE (	345	166	107.8%	128	169.5%
MONT BELVIEU LDH PROPANE C	361	50	622.0%	775	-53.4%
MONT BELVIEU ETHANE OPIS B	330	0	-	175	88.6%
SINGAPORE JET KERO VS. GAS	50	300	-83.3%	0	-
ERCOT HOUSTON Z MCPE 5MW	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW PE	10,529	18,500	-43.1%	11,170	-5.7%
ERCOT NORTH ZMCPE 5MW OF	115,790	302,283	-61.7%	129,030	-10.3%
CINERGY HUB PEAK DAILY FU	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-
EURO 3.5% FUEL OIL M CRK	0	0	-	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Energy Futures</b>					
PJM DUQUESNE 5MW D AH PK	41	296	-86.1%	64	-35.9%
PJM DUQUS 5MW D AH O PK	809	5,489	-85.3%	1,185	-31.7%
GRP THREE ULSD(PLT)VS HEA	13,276	12,476	6.4%	13,321	-0.3%
GRP THREE UNL GS (PLT) VS	3,385	16	21,056.3%	4,925	-31.3%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	1,423	2,059	-30.9%	1,742	-18.3%
GC JET (ARGUS) CAL SWAP	0	0	-	0	-
LL JET (OPIS) SWAP	0	0	-	0	-
PETRO CRK&SPRD EURO	17,992	13,289	35.4%	16,896	6.5%
CRUDE OIL OUTRIGHTS	15,551	17,952	-13.4%	17,907	-13.2%
PJM WES HUB PEAK LMP 50 M	256	256	0.0%	279	-8.2%
FREIGHT MARKETS	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	92,177	83,584	10.3%	91,391	0.9%
MNC FUT	7,138	4,344	64.3%	6,946	2.8%
MCCLOSKEY RCH BAY COAL	37,515	33,925	10.6%	40,481	-7.3%
CRUDE OIL SPRDS	360	20	1,700.0%	0	-
ELEC FINSETTLED	1,716	2,943	-41.7%	1,946	-11.8%
ELECTRICITY OFF PEAK	41,512	85,644	-51.5%	45,272	-8.3%
PETRO OUTRIGHT NA	8,465	10,490	-19.3%	9,404	-10.0%
ALGON CITY GATES NAT GAS	0	0	-	372	-100.0%
NEPOOL NEW HAMP 5MW D AH	9,840	14,090	-30.2%	9,840	0.0%
PJM APS ZONE DA OFF-PEAK	30,531	42,144	-27.6%	31,659	-3.6%
NAT GAS BASIS SWAP	2,643	8,764	-69.8%	3,003	-12.0%
RBOB SPREAD (PLATTS) SWAP	75	75	0.0%	81	-7.4%
NGPL TEX/OK	41,907	19,655	113.2%	38,653	8.4%
NEPOOL RHD ISLD 5MW D AH	12,787	3,866	230.8%	8,041	59.0%
ANR LA NAT GAS INDEX SWAP	0	0	-	0	-
HEATING OIL BALMO CLNDR S	0	0	-	75	-100.0%
PJM APS ZONE DA PEAK	1,656	2,298	-27.9%	1,725	-4.0%
SINGAPORE GASOIL CALENDAR	552	80	590.0%	372	48.4%
GC ULSD VS GC JET SPREAD	50	300	-83.3%	75	-33.3%
ELEC ERCOT OFF PEAK	151,565	396,381	-61.8%	174,893	-13.3%
ELEC ERCOT DLY PEAK	7,332	16,073	-54.4%	8,320	-11.9%
PETROLEUM PRODUCTS ASIA	2,674	3,776	-29.2%	2,830	-5.5%
PETRO CRCKS & SPRDS NA	60,403	64,556	-6.4%	59,469	1.6%
SINGAPORE GASOIL	6,506	6,565	-0.9%	4,881	33.3%
ONTARIO POWER SWAPS	271,251	194,079	39.8%	289,518	-6.3%
PLASTICS	1,523	855	78.1%	1,297	17.4%
DAILY EUA	0	0	-	0	-
NYMEX OMAN CRUDE PRODUCT	0	0	-	0	-
MJC FUT	294	972	-69.8%	451	-34.8%
TENN 800 LEG NAT GAS INDE	0	5,289	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	224,788	70,639	218.2%	132,813	69.3%
HEATING OIL LAST DAY	0	0	-	0	-
PETROLEUM PRODUCTS	476	1,532	-68.9%	409	16.4%
PJM ATSI ELEC	0	5,766	-100.0%	0	-
COAL SWAP	2,724	1,650	65.1%	3,319	-17.9%
MGN1 SWAP FUT	315	697	-54.8%	327	-3.7%
PETRO CRCKS & SPRDS ASIA	216	647	-66.6%	340	-36.5%
INDIANA MISO	176,131	154,544	14.0%	191,683	-8.1%
MICHIGAN MISO	144,992	108,462	33.7%	146,987	-1.4%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Energy Futures</b>					
NYISO CAPACITY	1,929	1,023	88.6%	2,097	-8.0%
TRANSCO ZONE 1 NAT GAS IN	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	358	1,195	-70.0%	322	11.2%
EURO-DENOMINATED PETRO P	44	224	-80.4%	66	-33.3%
EMC FUTURE	0	50	-100.0%	0	-
DAILY PJM	0	0	-	0	-
EMMISSIONS	250	655	-61.8%	250	0.0%
UCM FUT	175	115	52.2%	315	-44.4%
INDONESIAN COAL	1,440	1,070	34.6%	1,510	-4.6%
NEW YORK HUB ZONE J PEAK	0	77	-100.0%	0	-
DLY GAS EURO-BOB OXY	0	0	-	0	-
NATURAL GAS INDEX	0	248	-100.0%	0	-
NCN FUT	0	0	-	0	-
BRENT OIL	0	0	-	0	-
POLYPROPYLENE FUTURES	0	0	-	0	-
MGF FUT	0	0	-	15	-100.0%
CHICAGO ULSD (PLATTS) SWA	81	0	-	83	-2.4%
CANADIAN LIGHT SWEET OIL	360	0	-	615	-41.5%
MINI RBOB V. EBOBARG NWE BF	170	0	-	430	-60.5%
NY HARBOR LOW SULPUR GAS	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NW	787	50	1,474.0%	841	-6.4%
ELECTRICITY ERCOT PEAK	0	0	-	0	-
NY HARBOR LOW SULPUR GAS	4,410	0	-	4,350	1.4%
EU LOW SULPHUR GASOIL CRA	4,620	0	-	4,419	4.5%
3.5% FUEL OIL CIF BALMO S	10	2	400.0%	1	900.0%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
MINI GAS EUROBOB OXY NWE A	366	0	-	522	-29.9%
DIESEL10PPM BARG VS ICE LS	6	0	-	6	0.0%
<b>Energy Options</b>					
ETHANOL FWD	0	0	-	0	-
IN DELIVERY MONTH CER OPTIC	0	0	-	0	-
EUROPEAN JET KEROSENE NW	10	136	-92.6%	20	-50.0%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
NATURAL GAS PHY	3,973,510	5,099,663	-22.1%	4,065,878	-2.3%
CINERGY HUB PEAK MONTH	0	0	0.0%	0	-
NATURAL GAS 3 M CSO FIN	1,100	18,650	-94.1%	1,300	-15.4%
NATURAL GAS 1 M CSO FIN	114,270	271,069	-57.8%	82,227	39.0%
WTI CRUDE OIL 1 M CSO FI	332,550	56,650	487.0%	131,671	152.6%
SINGAPORE JET FUEL CALEND	1,785	6,576	-72.9%	2,190	-18.5%
ROTTERDAM 3.5%FUEL OIL CL	2,276	8,376	-72.8%	2,344	-2.9%
NYMEX EUROPEAN GASOIL APO	30	314	-90.4%	94	-68.1%
N ROCKIES PIPE SWAP	14,613	19,591	-25.4%	17,463	-16.3%
BRENT OIL LAST DAY	90,812	94,996	-4.4%	142,195	-36.1%
SAN JUAN PIPE SWAP	4,860	6,520	-25.5%	4,860	0.0%
BRENT CALENDAR SWAP	254,433	281,712	-9.7%	272,113	-6.5%
HEATING OIL PHY	82,935	52,644	57.5%	107,313	-22.7%
PJM MONTHLY	314	2,688	-88.3%	404	-22.3%
NY HARBOR HEAT OIL SWP	93,261	65,030	43.4%	104,728	-10.9%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Energy Options</b>					
NATURAL GAS 1MO	0	0	-	0	-
RBOB PHY	21,569	30,910	-30.2%	28,557	-24.5%
RBOB 1MO CAL SPD OPTIONS	0	200	-100.0%	0	-
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
PGE CITYGATE PIPE SWAP	7,600	12,000	-36.7%	8,000	-5.0%
CRUDE OIL PHY	2,428,105	2,186,443	11.1%	2,898,383	-16.2%
WTI 12 MONTH CALENDAR OPT	0	0	-	23,584	-100.0%
WTI 6 MONTH CALENDAR OPTI	0	0	-	100	-100.0%
CRUDE OIL 1MO	262,585	254,370	3.2%	196,194	33.8%
AEP-DAYTON HUB MTHLY	0	0	-	0	-
N ILLINOIS HUB MTHLY	0	0	-	0	-
SOCAL PIPE SWAP	19,740	40,640	-51.4%	20,960	-5.8%
PANHANDLE BASIS	0	0	-	0	-
HENRY HUB FINANCIAL LAST	22,778	20,167	12.9%	23,851	-4.5%
ISO NEW ENGLAND PK LMP	0	810	-100.0%	0	-
HO 1 MONTH CLNDR OPTIONS	2,780	0	-	2,980	-6.7%
HEATING OIL CRACK OPTIONS	0	0	-	0	-
CRUDE OIL APO	499,948	618,036	-19.1%	523,153	-4.4%
RBOB CALENDAR SWAP	7,618	12,250	-37.8%	8,152	-6.6%
PETRO OUTRIGHT EURO	942	1,069	-11.9%	213	342.3%
IN DELIVERY MONTH EUA OPTIC	0	3,000	-100.0%	0	-
WTI-BRENT BULLET SWAP	28,755	73,346	-60.8%	83,859	-65.7%
PANHANDLE PIPE SWAP	0	2,140	-100.0%	0	-
NATURAL GAS OPTION ON CALE	19,851	29,891	-33.6%	19,531	1.6%
ELEC MISO PEAK	120	400	-70.0%	120	0.0%
CENTRAL APPALACHIAN COAL	0	0	-	0	-
NATURAL GAS SUMMER STRIP	0	60	-100.0%	0	-
SINGAPORE FUEL OIL 180 CS	40	710	-94.4%	60	-33.3%
NYISO ZONE G 5MW PEAK OPTI	0	0	-	0	-
PETROCHEMICALS	25,351	25,234	0.5%	25,772	-1.6%
NATURAL GAS OPT	0	0	-	0	-
PJM CALENDAR STRIP	6,285	18,200	-65.5%	6,335	-0.8%
APPALACHIAN COAL	25	230	-89.1%	25	0.0%
CRUDE OIL OUTRIGHTS	7,960	9,672	-17.7%	5,460	45.8%
NATURAL GAS WINTER STRIP	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	11,155	6,570	69.8%	11,250	-0.8%
MCCLOSKEY RCH BAY COAL	2,660	1,540	72.7%	1,610	65.2%
ELEC FINSETTLED	590	2,173	-72.8%	795	-25.8%
ELECTRICITY OFF PEAK	4,560	0	-	4,560	0.0%
PETRO OUTRIGHT NA	0	0	-	0	-
NATURAL GAS 5 M CSO FIN	250	3,000	-91.7%	0	-
HEATING OIL CRK SPD AVG PRI	0	0	-	0	-
NATURAL GAS 2 M CSO FIN	1,400	1,900	-26.3%	0	-
BRENT 1 MONTH CAL	0	0	-	0	-
CRUDE OIL CALNDR STRIP	110	50	120.0%	110	0.0%
SINGAPORE GASOIL CALENDAR	50	100	-50.0%	75	-33.3%
ETHANOL SWAP	32,448	18,267	77.6%	33,502	-3.1%
NATURAL GAS 6 M CSO FIN	4,500	21,200	-78.8%	2,450	83.7%
GASOIL CRACK SPREAD AVG PF	1,548	1,850	-16.3%	2,322	-33.3%
SHORT TERM NATURAL GAS	0	0	-	250	-100.0%
SHORT TERM	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Energy Options</b>					
COAL SWAP	2,495	2,385	4.6%	1,865	33.8%
COAL API2 INDEX	5,590	425	1,215.3%	4,820	16.0%
EURO-DENOMINATED PETRO P	90	360	-75.0%	140	-35.7%
DAILY PJM	0	0	-	0	-
COAL API4 INDEX	1,020	25	3,980.0%	920	10.9%
RBOB CRACK SPREAD AVG PRI	0	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%
PJM ELECTRIC	6	0	-	6	0.0%
WTI CRUDE OIL 12 M CSO F	0	0	-	1,000	-100.0%
GASOLINE	416	0	-	624	-33.3%
<b>FX Futures</b>					
AUSTRALIAN DOLLAR	134,174	114,242	17.4%	120,766	11.1%
BRITISH POUND	177,733	230,367	-22.8%	143,496	23.9%
BRAZIL REAL	72,415	13,040	455.3%	73,848	-1.9%
CANADIAN DOLLAR	107,332	142,930	-24.9%	103,785	3.4%
E-MINI EURO FX	7,037	5,264	33.7%	7,498	-6.1%
EURO FX	467,376	250,028	86.9%	460,459	1.5%
E-MINI JAPANESE YEN	2,877	1,260	128.3%	1,914	50.3%
JAPANESE YEN	263,025	238,535	10.3%	212,636	23.7%
MEXICAN PESO	190,771	122,679	55.5%	156,328	22.0%
NEW ZEALND DOLLAR	19,889	19,258	3.3%	23,614	-15.8%
NKR/USD CROSS RATE	548	708	-22.6%	528	3.8%
RUSSIAN RUBLE	60,029	40,125	49.6%	52,279	14.8%
S.AFRICAN RAND	4,426	4,386	0.9%	4,365	1.4%
SWISS FRANC	61,629	44,638	38.1%	58,289	5.7%
AD/CD CROSS RATES	40	58	-31.0%	32	25.0%
AD/JY CROSS RATES	3,887	945	311.3%	3,014	29.0%
AD/NE CROSS RATES	69	16	331.3%	80	-13.8%
BP/JY CROSS RATES	1,261	1,520	-17.0%	1,356	-7.0%
BP/SF CROSS RATES	210	233	-9.9%	223	-5.8%
CD/JY CROSS RATES	18	57	-68.4%	10	80.0%
EC/AD CROSS RATES	978	447	118.8%	958	2.1%
EC/CD CROSS RATES	1,156	655	76.5%	1,358	-14.9%
EC/NOK CROSS RATES	8	84	-90.5%	8	0.0%
EC/SEK CROSS RATES	589	246	139.4%	584	0.9%
EFX/BP CROSS RATES	16,242	12,865	26.2%	15,977	1.7%
EFX/JY CROSS RATES	8,414	10,571	-20.4%	7,842	7.3%
EFX/SF CROSS RATES	16,089	11,725	37.2%	13,347	20.5%
SF/JY CROSS RATES	0	34	-100.0%	0	-
SKR/USD CROSS RATES	568	264	115.2%	484	17.4%
CZECK KORUNA (US)	0	131	-100.0%	1	-100.0%
CZECK KORUNA (EC)	0	938	-100.0%	0	-
HUNGARIAN FORINT (US)	0	121	-100.0%	0	-
HUNGARIAN FORINT (EC)	0	91	-100.0%	0	-

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## CME Group Exchange Open Interest Report - Monthly

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<b>FX Futures</b>					
POLISH ZLOTY (US)	1,101	1,646	-33.1%	693	58.9%
POLISH ZLOTY (EC)	149	2,919	-94.9%	249	-40.2%
SHEKEL	4	459	-99.1%	0	-
RMB USD	1,183	2,553	-53.7%	946	25.1%
RMB EURO	0	0	-	0	-
KOREAN WON	44	374	-88.2%	50	-12.0%
TURKISH LIRA	60	606	-90.1%	61	-1.6%
TURKISH LIRA (EU)	5	696	-99.3%	8	-37.5%
E-MICRO EUR/USD	5,794	5,250	10.4%	5,937	-2.4%
E-MICRO GBP/USD	1,392	1,929	-27.8%	1,067	30.5%
E-MICRO USD/CAD	0	0	-	0	-
E-MICRO USD/CHF	0	0	-	0	-
E-MICRO USD/JPY	19	2	850.0%	22	-13.6%
E-MICRO AUD/USD	2,434	1,307	86.2%	2,259	7.7%
MICRO CHF/USD	969	1,277	-24.1%	704	37.6%
MICRO JYP/USD	1,440	2,610	-44.8%	1,432	0.6%
MICRO CAD/USD	2,088	754	176.9%	2,442	-14.5%
INDIAN RUPEE	124	357	-65.3%	1,097	-88.7%
RMB JY	0	0	-	0	-
EURO QUARTERLY VARIANCE F	0	556	-100.0%	0	-
USDZAR	46	46	0.0%	46	0.0%
<b>FX Options</b>					
AUSTRALIAN DOLLAR	93,416	108,854	-14.2%	101,843	-8.3%
BRITISH POUND	132,185	120,850	9.4%	145,211	-9.0%
BRAZIL REAL	0	0	-	0	-
CANADIAN DOLLAR	74,114	63,895	16.0%	79,548	-6.8%
EURO FX	391,622	378,291	3.5%	410,371	-4.6%
JAPANESE YEN	214,489	182,322	17.6%	180,522	18.8%
MEXICAN PESO	1,997	35	5,605.7%	1,125	77.5%
NEW ZEALND DOLLAR	6	0	-	16	-62.5%
RUSSIAN RUBLE	2,122	0	-	2,479	-14.4%
SWISS FRANC	25,940	15,929	62.8%	21,023	23.4%
EFX/BP CROSS RATES	0	0	-	0	-
EFX/JY CROSS RATES	0	0	-	0	-
EFX/SF CROSS RATES	0	0	-	0	-
JAPANESE YEN (EU)	912	1,874	-51.3%	495	84.2%
EURO FX (EU)	13,586	5,405	151.4%	11,936	13.8%
SWISS FRANC (EU)	7	593	-98.8%	9	-22.2%
CANADIAN DOLLAR (EU)	574	1,608	-64.3%	273	110.3%
BRITISH POUND (EU)	769	2,653	-71.0%	453	69.8%
AUSTRALIAN DLR (EU)	79	1,221	-93.5%	180	-56.1%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Commodities and Alternative Investments</b>					
<b>Futures</b>					
CORN	1,197,127	1,202,579	-0.5%	1,289,260	-7.1%
SOYBEAN	671,393	619,303	8.4%	659,450	1.8%
SOYBEAN MEAL	365,899	272,258	34.4%	371,840	-1.6%
SOYBEAN OIL	375,754	337,054	11.5%	405,879	-7.4%
OATS	8,232	8,482	-2.9%	10,033	-18.0%
ROUGH RICE	9,763	8,436	15.7%	9,932	-1.7%
WHEAT	517,153	388,036	33.3%	576,455	-10.3%
MINI CORN	4,872	4,737	2.8%	13,036	-62.6%
MINI SOYBEAN	17,657	11,591	52.3%	13,055	35.3%
MINI WHEAT	1,374	1,724	-20.3%	2,164	-36.5%
LIVE CATTLE	321,940	336,913	-4.4%	309,512	4.0%
FEEDER CATTLE	43,079	37,577	14.6%	46,546	-7.4%
LEAN HOGS	237,446	278,679	-14.8%	224,687	5.7%
LUMBER	5,181	4,740	9.3%	4,000	29.5%
WOOD PULP	0	0	-	0	-
MILK	41,839	24,533	70.5%	40,307	3.8%
MLK MID	0	0	-	0	-
NFD MILK	5,149	3,115	65.3%	4,672	10.2%
BUTTER CS	6,061	5,208	16.4%	6,142	-1.3%
CLASS IV MILK	4,058	6,634	-38.8%	4,953	-18.1%
DRY WHEY	6,186	2,364	161.7%	5,317	16.3%
GSCI EXCESS RETURN FUT	23,452	24,679	-5.0%	23,078	1.6%
GOLDMAN SACHS	10,161	7,665	32.6%	9,630	5.5%
HOUSING INDEX	54	80	-32.5%	85	-36.5%
ETHANOL	5,303	3,409	55.6%	6,646	-20.2%
HDD WEATHER	1,285	9,222	-86.1%	650	97.7%
CDD WEATHER	0	1,500	-100.0%	0	-
HDD SEASONAL STRIP	100	550	-81.8%	0	-
CDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER EUROPEAN	500	300	66.7%	250	100.0%
CAT WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	4,500	1,000	350.0%	3,250	38.5%
CAT EURO SEASONAL STRIP	0	0	-	0	-
WKLY AVG TEMP	0	100	-100.0%	0	-
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
COFFEE	0	2	-100.0%	23	-100.0%
DOW-UBS COMMOD INDEX	12,217	8,174	49.5%	11,232	8.8%
SUGAR 11	23	2	1,050.0%	29	-20.7%
COCOA TAS	16	1	1,500.0%	8	100.0%
COTTON	17	4	325.0%	39	-56.4%
GRAIN BASIS SWAPS	0	886	-100.0%	0	-
DOW-UBS COMMOD INDEX SWA	0	1,682	-100.0%	0	-
USD CRUDE PALM OIL	0	0	-	0	-
CASH-SETTLED CHEESE	28,290	9,156	209.0%	23,116	22.4%
OTC SP GSCI ER 3MTH SWAP	0	0	-	0	-
OTC SP GSCI ER SWAP	0	2,058	-100.0%	0	-
FERTILIZER PRODUCTS	3,630	1,645	120.7%	3,685	-1.5%
WHEAT HRW	0	146,999	-100.0%	0	-
S&P GSCI ENHANCED ER SWAP	13,072	13,072	0.0%	13,072	0.0%
DJ_UBS ROLL SELECT INDEX FU	589	170	246.5%	589	0.0%
MALAYSIAN PALM SWAP	8,660	6,100	42.0%	9,200	-5.9%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest NOV 2014	Open Interest NOV 2013	% CHG	Open Interest OCT 2014	% CHG
<b>Commodities and Alternative Investments</b>					
<b>Options</b>					
CORN	994,054	944,806	5.2%	1,704,109	-41.7%
SOYBEAN	831,801	543,033	53.2%	813,110	2.3%
SOYBEAN MEAL	205,809	118,986	73.0%	262,684	-21.7%
SOYBEAN OIL	104,665	68,354	53.1%	171,540	-39.0%
SOYBEAN CRUSH	1,046	1,037	0.9%	791	32.2%
OATS	3,527	3,172	11.2%	5,454	-35.3%
ROUGH RICE	1,789	1,701	5.2%	1,448	23.5%
WHEAT	230,105	219,970	4.6%	420,978	-45.3%
LIVE CATTLE	365,826	252,453	44.9%	321,079	13.9%
FEEDER CATTLE	33,571	18,410	82.4%	38,950	-13.8%
LEAN HOGS	240,635	159,757	50.6%	213,742	12.6%
LUMBER	926	1,507	-38.6%	505	83.4%
MILK	94,935	59,751	58.9%	94,899	0.0%
MLK MID	907	634	43.1%	813	11.6%
NFD MILK	6,676	3,188	109.4%	5,671	17.7%
BUTTER CS	5,369	5,010	7.2%	5,238	2.5%
CLASS IV MILK	6,452	13,443	-52.0%	7,862	-17.9%
DRY WHEY	2,834	1,461	94.0%	2,972	-4.6%
HOUSING INDEX	0	0	-	35	-100.0%
HDD WEATHER	850	2,010	-57.7%	250	240.0%
CDD WEATHER	0	0	-	0	-
HDD SEASONAL STRIP	21,565	33,685	-36.0%	19,665	9.7%
CDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER EUROPEAN	1,000	0	-	500	100.0%
CAT WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	27,000	10,000	170.0%	24,500	10.2%
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	0	-	0	-
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-
JULY-NOV SOYBEAN CAL SPRD	1,869	175	968.0%	1,345	39.0%
DEC-JULY WHEAT CAL SPRD	0	0	-	610	-100.0%
JULY-DEC CORN CAL SPRD	2,455	2,545	-3.5%	1,355	81.2%
SOYBN NEARBY+2 CAL SPRD	285	875	-67.4%	205	39.0%
WHEAT NEARBY+2 CAL SPRD	1,530	3,845	-60.2%	5,853	-73.9%
CORN NEARBY+2 CAL SPRD	4,231	1,655	155.6%	4,913	-13.9%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC WHEAT CAL SPRD	0	30	-100.0%	0	-
LV CATL CSO	30	0	-	40	-25.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-
SBIN HURR	0	750	-100.0%	0	-
SNOWFALL	0	0	-	0	-
WHEAT-CORN IC50	2,310	57	3,952.6%	5,735	-59.7%
CASH-SETTLED CHEESE	19,822	9,938	99.5%	16,414	20.8%
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	0	50	-100.0%	250	-100.0%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

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<b>Commodities and Alternative Investments</b>					
<b>Options</b>					
DEC-DEC CORN CAL SPRD	0	0	-	890	-100.0%
DEC-JULY CORN CAL SPRD	0	0	-	860	-100.0%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
SOYBEAN CORN RATIO	0	0	-	0	-
LN HOGS CSO	0	0	-	0	-
WHEAT HRW	0	18,987	-100.0%	0	-
JAN-MAY SOYBEAN CAL SPRD	400	0	-	400	0.0%
MAY-NOV SOYBEAN CAL SPRD	0	0	-	0	-
DEC-JUL SOYBEAN OIL CSO	0	0	-	185	-100.0%
MAR-JULY WHEAT CAL SPRD	80	55	45.5%	0	-
MAR-DEC CORN CAL SPRD	0	50	-100.0%	0	-
NOV-DEC SOYBEAN CSO	0	0	-	0	-
MAR-JULY CORN CAL SPRD	200	0	-	0	-
 <b>Ags Futures</b>					
PALM OIL	120	0	-	0	-
 <b>Foreign Exchange Futures</b>					
CHILEAN PESO	10	0	-	0	-
 <b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	20,069,096	17,530,992	14.5%	19,931,650	0.7%
Equity Index Futures	4,109,291	3,944,991	4.2%	3,803,384	8.0%
Metals Futures	837,423	803,215	4.3%	898,462	-6.8%
Energy Futures	20,195,468	20,500,442	-1.5%	20,530,031	-1.6%
FX Futures	1,635,642	1,291,802	26.6%	1,482,092	10.4%
Commodities and Alternative Invest	3,952,032	3,792,419	4.2%	4,101,822	-3.7%
Ags Futures	120	0	-	0	-
Foreign Exchange Futures	10	0	-	0	-
<b>TOTAL FUTURES</b>	<b>50,799,082</b>	<b>47,863,861</b>	<b>6.1%</b>	<b>50,747,441</b>	<b>0.1%</b>
 <b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	31,494,044	25,207,801	24.9%	33,426,311	-5.8%
Equity Index Options	4,162,652	3,721,803	11.8%	4,734,256	-12.1%
Metals Options	1,605,582	1,579,563	1.6%	1,979,191	-18.9%
Energy Options	8,397,699	9,384,238	-10.5%	8,876,388	-5.4%
FX Options	951,818	883,530	7.7%	955,484	-0.4%
Commodities and Alternative Invest	3,214,554	2,501,380	28.5%	4,155,850	-22.6%
<b>TOTAL OPTIONS</b>	<b>49,826,349</b>	<b>43,278,315</b>	<b>15.1%</b>	<b>54,127,480</b>	<b>-7.9%</b>

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## CME Group Exchange Open Interest Report - Monthly

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<b>TOTAL COMBINED</b>					
Interest Rate	51,563,140	42,738,793	20.6%	53,357,961	-3.4%
Equity Index	8,271,943	7,666,794	7.9%	8,537,640	-3.1%
Metals	2,443,005	2,382,778	2.5%	2,877,653	-15.1%
Energy	28,593,167	29,884,680	-4.3%	29,406,419	-2.8%
FX	2,587,460	2,175,332	18.9%	2,437,576	6.1%
Commodities and Alternative Invest	7,166,586	6,293,799	13.9%	8,257,672	-13.2%
Ags	120	0	-	0	-
Foreign Exchange	10	0	-	0	-
<b>GRAND TOTAL</b>	<b>100,625,431</b>	<b>91,142,176</b>	<b>10.4%</b>	<b>104,874,921</b>	<b>-4.1%</b>

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