

Q1 / 2013

ELECTRONIC OPTIONS SPOTLIGHT

Access Growing Options Liquidity on CME Globex

Options on futures continue to show electronic growth and strong performance. The extensive suite of options on futures available at CME Group exchanges offers the liquidity, flexibility and market depth you need to achieve your trading objectives, from simple to sophisticated. The purpose of this document is to provide a quarterly snapshot of the electronic trends and opportunities across all asset classes.

INTEREST RATES

	TICKER (CME Globex)	ADV	ADV NOTIONAL (\$) (IN MILLION)	OI	% TRADED ELEC Q1	YoY CHANGE % TRADED ELEC
Eurodollar/Mid Curves ¹	GE, GEO, GE2, GE3, GE4	399,509	\$399,509	10,527,449	14%	↑3%
10-Year Treasury Note ²	OZN	331,088	\$33,109	1,716,782	54%	↑4%
U.S. Treasury Bond ²	OZB	96,235	\$9,623	940,887	67%	↑8%
5-Year Treasury Note ²	OZF	74,821	\$7,482	432,919	44%	↑9%
2-Year Treasury Note ²	OZT	9,275	\$1,855	196,349	27%	↑10%

¹ These contracts are listed with, and subject to, the rules and regulations of CME. ² These contracts are listed with, and subject to, the rules and regulations of CBOT.

EQUITY

	TICKER (CME Globex)	ADV	ADV NOTIONAL (\$) (IN MILLION)	OI	% TRADED ELEC Q1	YoY CHANGE % TRADED ELEC
E-mini S&P 500 ¹	ES	273,354	\$19,904	2,480,992	99%	–
E-mini NASDAQ-100 ¹	NQ	2,537	\$137	36,884	100%	–
E-mini Dow \$5 ²	OYMC/OYMP	644	\$45	14,832	100%	–

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ENERGY

	TICKER (CME Globex)	ADV	ADV NOTIONAL (\$) (IN MILLION)	OI	% TRADED ELEC Q1	YoY CHANGE % TRADED ELEC
WTI Crude Oil	LO	121,355	\$11,493	2,911,715	41%	↑9%
Natural Gas	ON	110,108	\$3,927	5,677,739	13%	↑4%
Heating Oil	HO	2,449	\$314	63,407	6%	↑3%
RBOB Gasoline	OB	2,316	–	52,957	11%	↑3%

These contracts are listed with, and subject to, the rules and regulations of NYMEX.

FX

	TICKER (CME Globex)	ADV	ADV NOTIONAL (\$) (IN MILLION)	OI	% TRADED ELEC Q1	YoY CHANGE % TRADED ELEC
EUD/USD	6E	30,749	\$5,021	259,803	84%	↑9%
JPY/USD	6J	16,311	\$2,207	162,033	88%	↑8%
AUD/USD	6A	5,593	\$576	80,731	80%	↑1%
GBP/USD	6C	7,022	\$675	80,945	92%	↑6%
CAD/USD	6B	4,472	\$441	58,717	85%	↓1%
CHF/USD	6F	603	\$81	7,939	93%	↑6%

These contracts are listed with, and subject to, the rules and regulations of CME.

AGRICULTURE

	TICKER (CME Globex)	ADV	ADV NOTIONAL (\$) (IN MILLION)	OI	% TRADED ELEC Q1	YoY CHANGE % TRADED ELEC
Corn ²	OZC	84,336	\$2,595	1,507,551	40%	↑2%
Soybeans ²	OZS	54,452	\$3,372	776,089	47%	↑13%
Wheat ²	OZW	23,129	\$787	415,943	43%	↑6%
Live Cattle ¹	LE	14,262	\$724	277,365	56%	↑7%
Soybean Oil ²	OZL	6,666	\$190	137,269	19%	↑10%
Soybean Meal ²	ZM	6,356	\$243	124,119	43%	↑6%
Lean Hogs ¹	HE	6,296	\$217	144,924	74%	↑10%

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METALS

	TICKER (CME Globex)	ADV	ADV NOTIONAL (\$) (IN MILLION)	OI	% TRADED ELEC Q1	YoY CHANGE % TRADED ELEC
Gold	OG	49,076	\$7,652	1,320,834	53%	↑7%
Silver	SO	7,399	\$1,012	182,779	67%	↑15%
Copper	HX	104	\$9	3,809	99%	↑12%

These contracts are listed with, and subject to, the rules and regulations of COMEX.



INTEREST RATES

- Treasury options traded over 511,000 contracts a day in Q1, up 42% YoY.
- A record 54% of all treasury options traded electronically on CME Globex in Q1, with a record 59% of 10-Year note options trading on CME Globex in March.
- Weekly Treasury options traded 1.6 million contracts in Q1'13 up 43% over Q1'12.
- 5 Year Purple Mid Curves traded over 34,000 contracts in their first month of trading with OI over 30,000.



EQUITY INDEX

- Equity index options traded averaged 308,984 contracts a day during Q1, up 69% vs. Q1'12.
- Equity index options reached an all-time Open Interest record of 3.86 million contracts on March 14th. E-mini S&P 500 options also set record open interest of 3.1 million.
- 63% of S&P 500 options (standard and e-mini) traded electronically in Q1.
- E-mini S&P 500 weekly options averaged 53,440 contracts a day, up 133% over Q1'12
- Weekly options representing 19% of the E-mini S&P 500 options volume for the quarter.



ENERGY

- Energy options volume was up 15% from Q4'12, averaging over 260,000 contracts per day.
- Electronic options volume was 24% of total options volume, up from 14% one year earlier.
- 35% of Crude Oil options were traded on CME Globex, up 12% from Q4 and up 30% YoY.
- Henry Hub Natural Gas options volume on CME Globex increased 45% YoY.
- WTI-Brent Crude Oil Spread options (BV) volume increased nearly 10x over Q4'12.



FX

- CME FX options averaged 64,000 contracts a day in Q1 (8.2 billion notional a day), up 72% YoY.
- CME FX options volumes have increased in all of our major currencies YoY: EUR +27%, JPY +179%, AUD +44%, GBP +245%, CAD +82%, CHF +56%.
- A Record 86% of CME FX options have been traded electronically YTD, up from 78% from 2012.
- Weekly FX options volume is growing strongly with ADV of 5,720 contracts, up 585% YoY.



AGRICULTURE

- Electronically traded agricultural options have increased by 54% since Q1'12. Agricultural options volume is up 2% during that time period.
- Open interest in Short-Dated New Crop options has surpassed 100,000 and year to date volume is more than 102,000 contracts.
- Weekly Grain options have traded more than 1.1 million contracts since their launch in 2011.



METALS

- Metals options volume was up 32% from Q4'12, averaging over 49,000 contracts per day.
- Electronic options volume was 52% of total options volume, up from 42% from one year earlier.
- Gold options traded on CME Globex were up 21% from Q4 and up 47% YoY.
- Electronic Copper options volume on CME Globex grew 169% from Q4 and 547% YoY.

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