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Bats Reports New Record in U.S. Options Trading in October

Remains #1 in U.S. ETF Trading; #1 Pan-European Stock Market

KANSAS CITY, NEW YORK and LONDON – November 17, 2016 – Bats Global Markets, Inc. (Bats: BATS) today reported October data and highlights, including a new record month for U.S. options trading at 11.8% and strong single-leg equity options market share at 18.2%.

During the month, Bats also announced [the successful migration of BZX Options to Bats' next generation matching engine](#). Both Bats' options markets now operate on the latest proprietary technology.

Further highlights for October include:

- Remaining the #1 U.S. market operator for ETF trading, executing 23.7% of all volume during the month. In addition, Bats has won 25% of all new U.S. ETF listings year-to-date vs only 9% for full-year 2015;
- Maintaining its position as the second-largest U.S. Equities market operator with 20.3% market share;
- Retaining its position as the largest European stock exchange with 23.5% market share and the largest trade reporting facility with €355.7 billion reported to BXTR for the month;
- Recording more than \$103.3 billion of notional value per day touched by the Bats markets in October, including trades reported to BXTR.

October 2016 Volume and Market Share Overview

U.S. Equities (Bats Exchanges – BZX, BYX, EDGA, EDGX)	October 2016
Bats Exchanges – Overall market share	20.3%
Bats Exchanges – Average daily matched volume (shares)	1.29 billion
Overall Industry – Average daily consolidated volume (shares)	6.37 billion
U.S. Equity Options (Bats Options – BZX Options + EDGX Options)	
Bats Options – Overall market share	11.8%
Bats Options – Average daily matched volume (contracts)	1,706,207
Overall Industry – Average daily consolidated volume (contracts)	14,410,504
Foreign Exchange (Bats Hotspot)	
Total volume traded	\$531.2 billion
Average daily volume (ADV)	\$25.3 billion
European Equities (Bats Europe Equities)	
Bats Europe – Overall European market share	23.5%
Bats Europe – Average daily notional value	€10.1 billion
Pan-European Consolidated Volume ¹ – Average daily notional value	€42.8 billion
European Trade Reporting (BXTR)	
BXTR – Total notional value reported	€355.7 billion
BXTR – Average daily notional value reported	€16.9 billion

¹ Based on Bats Europe market coverage, available at batstrading.co.uk



Highlights for the month of October are outlined below by business line:

U.S. EQUITIES: Bats Exchanges (BYX, BZX, EDGA, EDGX) Volume & Market Share

	Oct 2016	Oct 2015
Bats Exchanges – Overall market share	20.3%	21.2%
Bats Exchanges – Average daily volume traded (shares)	1.29 billion	1.52 billion
Bats Exchanges – Average daily notional value traded	\$48.5 billion	\$58.1 billion
Bats Exchanges – Total notional value traded for month	\$1.02 trillion	\$1.28 trillion
Bats Exchanges market share – Tape A securities	18.7%	18.5%
Bats Exchanges market share – Tape B securities	23.3%	26.9%
Bats Exchanges market share – Tape C securities	21.5%	23.0%
Bats Exchanges market share in ETF trading	23.7%	27.2%

For additional U.S. equities market volume information: [Bats U.S. Equities Market Volume Summary](#)

U.S. OPTIONS: Bats Options (BZX Options + EDGX Options) Volume & Market Share

	Oct 2016	Oct 2015
Bats Options – Overall market share	11.8%	7.9%
BZX Options – Market share	10.7%	7.9%
EDGX Options – Market share	1.1%	N/A
Bats Options – Overall average daily volume (contracts)	1,706,207	1,275,909
BZX Options – Average daily volume	1,548,654	1,275,909
EDGX Options – Average daily volume	157,553	N/A

For additional U.S. Options market volume information: [Bats U.S. Options Market Volume Summary](#)

FOREIGN EXCHANGE: Hotspot Highlights, Volume & Market Share Statistics²

Hotspot Market Statistics	Oct 2016	Oct 2015
Total volume traded	\$531.2 billion	\$527.0 billion
Average daily volume (ADV)	\$25.3 billion	\$24.0 billion
Number of trading days	21	22
Hotspot Volume Percentage Breakdown (Timezone)		
Europe	40.2%	42.1%
Americas	44.8%	43.5%
Asia	15.0%	14.4%
Top Five Currency Pairs by Volume Percentage		
EUR/USD	22.5%	27.0%
USD/JPY	15.6%	15.8%
GBP/USD	10.6%	9.8%
AUD/USD	9.1%	8.8%
USD/CAD	8.7%	8.3%

² Hotspot volumes represent the notional value in U.S. dollars of all trades executed on the platform, counting one side of the transaction. Hotspot Volume Percentage Breakdown is based on the times at which the trades were executed, based on EST (i.e. EST: Asia: 5pm-2am, Europe: 2am-9am, US: 9am-5pm).



Hotspot daily, monthly, and quarterly volumes are posted on the [Hotspot website](#).

EUROPEAN EQUITIES: Bats Europe + BXTR Volume & Market Share³

- According to Bats statistics on market size, 38.2% of all equity transactions in Europe (either traded on exchange or OTC) touched Bats' systems in October.
- A total of €389.0 million was traded in the Periodic Auctions book in October, a 27.2% increase over September, with Average Daily Volume totaling €18.5 million.

	Oct 2016	Oct 2015
Bats Europe – Overall market share	23.5%	26.0%
Bats Europe – Average daily notional value traded	€10.1 billion	€12.8 billion
Displayed average daily notional value	€8.8 billion	€11.5 billion
Non-displayed ⁴ average daily notional value	€1.3 billion	€1.3 billion
Bats Europe – Total notional value traded	€211.3 billion	€281.1 billion
BXTR – Total notional value reported	€355.7 billion	€389.7 billion
BXTR – Average daily notional value reported	€16.9 billion	€17.7 billion

BATS INDICES: October Monthly Performance for Key Bats Indices

Additional information is available on the [Bats Indices website](#).

Bats UK 100	+0.8%
Bats UK 250	-2.4%
Bats UK All Companies	+0.3%

³ Represent consolidated figures for BXE and CXE lit and dark books, unless otherwise noted.

⁴ BXE and CXE non-displayed order books.



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EUROPE: Bats Europe Equities & Market Share

For additional European Equities market volume information: [Bats Europe Market Volume Summary](#)

	Oct 2016	Oct 2015
London market overall	25.3%	26.0%
Bats UK 100	26.8%	N/A
FTSE 100 securities	26.6%	31.9%
FTSE 250 securities	27.1%	27.2%
Paris market overall	23.9%	26.1%
CAC 40 securities	24.2%	26.6%
CAC Next20 securities	27.5%	28.1%
Frankfurt market overall	23.4%	29.2%
DAX 30 securities	23.8%	30.7%
MDAX securities	28.9%	31.8%
TecDAX securities	23.2%	24.4%
Amsterdam market overall	23.9%	25.4%
AEX securities	24.7%	26.1%
AMX securities	19.4%	22.8%
Brussels market overall	25.0%	26.1%
BEL 20 securities	23.3%	25.9%
Milan market overall	12.9%	16.3%
FTSE MIB securities	14.3%	17.3%
Zurich market overall	22.6%	24.6%
SMI securities	24.2%	26.8%
SMIM securities	21.8%	21.5%
Nordic market overall	25.4%	24.3%
Helsinki OMXH25 securities	28.5%	29.6%
Stockholm OMXS30 securities	26.4%	26.2%
Copenhagen OMXC20 securities	25.1%	25.1%
Oslo OBX securities	23.0%	23.8%
Vienna market overall	16.3%	16.7%
ATX securities	16.6%	17.1%
Lisbon market overall	24.8%	16.7%
PSI-20 securities	24.9%	16.8%
Dublin market overall	17.8%	14.4%
ISEQ 20 securities	17.8%	14.4%
Madrid market overall	25.5%	23.6%
IBEX 35 securities	26.5%	24.7%
Key Indices		
EUROSTOXX 50 securities	23.1%	26.3%
FTSE RIOB	7.1%	12.9%



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About Bats Global Markets, Inc.

Bats Global Markets, Inc., is a leading global operator of exchanges and services for financial markets, dedicated to Making Markets Better. We are the second-largest stock exchange operator in the U.S., operate the largest stock exchange and trade reporting facility in Europe, and are the #1 market globally for ETF trading. We also operate two fast-growing U.S. options exchanges. In the global foreign exchange market, we operate Hotspot. ETF.com, a leading provider of ETF news, data and analysis, is a wholly-owned subsidiary. The company is headquartered in Kansas City with offices in New York, London, Chicago, San Francisco, Singapore and Quito, Ecuador. Visit bats.com and [@BatsGlobal](https://twitter.com/BatsGlobal) for more information.