

CME Group 2Q 2016 Earnings Conference Call

July 28, 2016

Forward Looking Statements

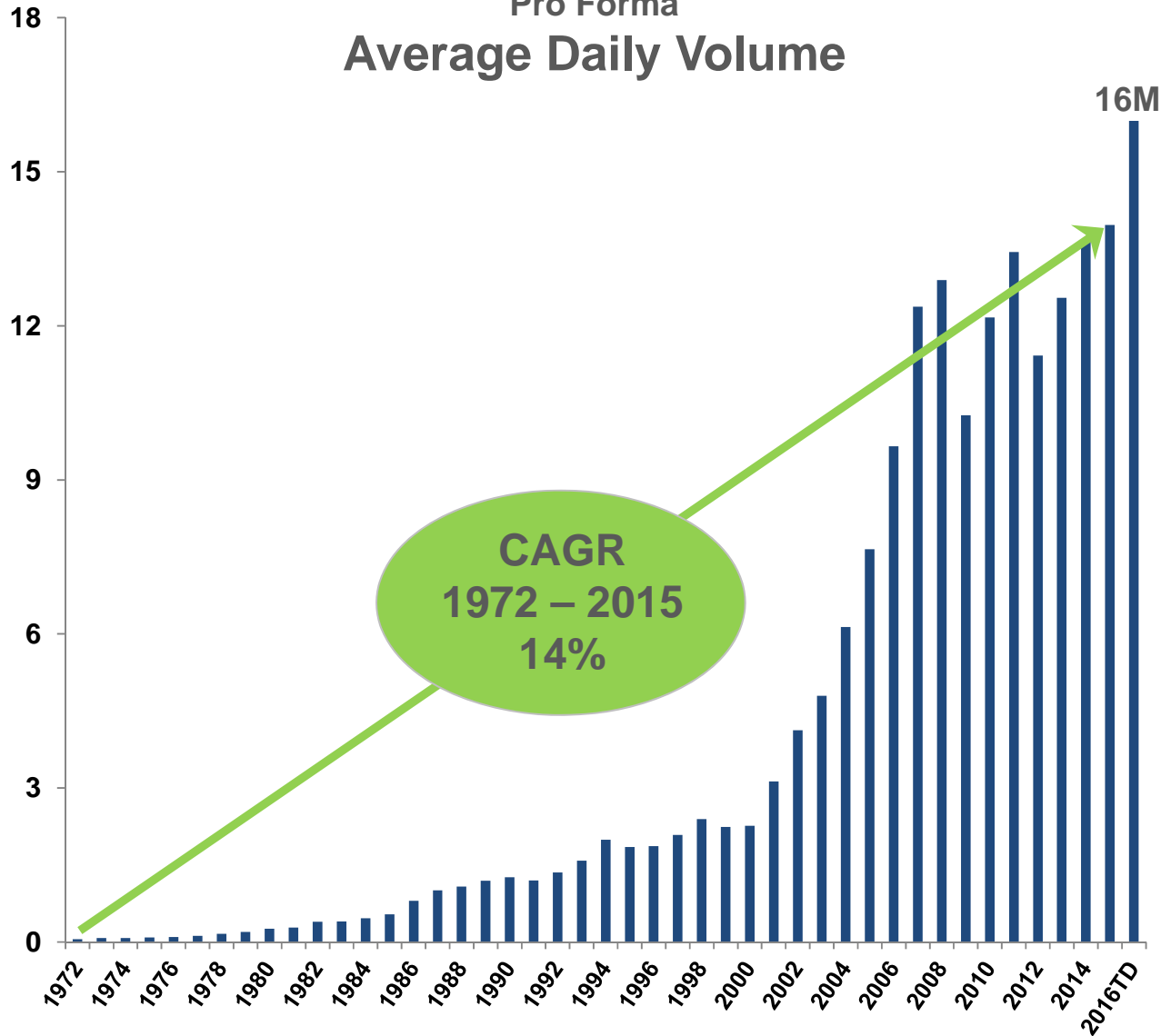
Statements in this presentation that are not historical facts are forward-looking statements. These statements are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. Therefore, actual outcomes and results may differ materially from what is expressed or implied in any forward-looking statements. We want to caution you not to place undue reliance on any forward-looking statements. We undertake no obligation to publicly update any forward-looking statements, whether as a result of new information, future events or otherwise. Among the factors that might affect our performance are increasing competition by foreign and domestic entities, including increased competition from new entrants into our markets and consolidation of existing entities; our ability to keep pace with rapid technological developments, including our ability to complete the development, implementation and maintenance of the enhanced functionality required by our customers while maintaining reliability and ensuring that such technology is not vulnerable to security risks; our ability to continue introducing competitive new products and services on a timely, cost-effective basis, including through our electronic trading capabilities, and our ability to maintain the competitiveness of our existing products and services, including our ability to provide effective services to the swaps market; our ability to adjust our fixed costs and expenses if our revenues decline; our ability to maintain existing customers, develop strategic relationships and attract new customers; our ability to expand and offer our products outside the United States; changes in domestic and non-U.S. regulations, including the impact of any changes in domestic and foreign laws or government policy with respect to our industry, such as any changes to regulations and policies that require increased financial and operational resources from us or our customers; the costs associated with protecting our intellectual property rights and our ability to operate our business without violating the intellectual property rights of others; decreases in revenue from our market data as a result of decreased demand; changes in our rate per contract due to shifts in the mix of the products traded, the trading venue and the mix of customers (whether the customer receives member or non-member fees or participates in one of our various incentive programs) and the impact of our tiered pricing structure; the ability of our financial safeguards package to adequately protect us from the credit risks of clearing members; the ability of our compliance and risk management methods to effectively monitor and manage our risks, including our ability to prevent errors and misconduct and protect our infrastructure against security breaches and misappropriation of our intellectual property assets; changes in price levels and volatility in the derivatives markets and in underlying equity, foreign exchange, interest rate and commodities markets; economic, political and market conditions, including the volatility of the capital and credit markets and the impact of economic conditions on the trading activity of our current and potential customers; our ability to accommodate increases in contract volume and order transaction traffic and to implement enhancements without failure or degradation of the performance of our trading and clearing systems; our ability to execute our growth strategy and maintain our growth effectively; our ability to manage the risks and control the costs associated with our strategy for acquisitions, investments and alliances; our ability to continue to generate funds and/or manage our indebtedness to allow us to continue to invest in our business; industry and customer consolidation; decreases in trading and clearing activity; the imposition of a transaction tax or user fee on futures and options on futures transactions and/or repeal of the 60/40 tax treatment of such transactions; and the unfavorable resolution of material legal proceedings. For a detailed discussion of these and other factors that might affect our performance, see our filings with the Securities and Exchange Commission, including our most recent periodic reports filed on Form 10-K and Form 10-Q.

NOTE: Unless otherwise noted, all references to CME Group volume, open interest and rate per contract information in the text of this document is based on pro forma results assuming the merger with CBOT Holdings and the acquisition of NYMEX Holdings were completed as of the beginning of the period presented. All data exclude CME Group's non-traditional TRAKRSSM products, for which CME Group received significantly lower clearing fees of less than one cent per contract on average. Unless otherwise noted, all year, quarter and month to date volume is through 6/30/2016.

Long-Term Growth in a Variety of Environments

(round turns, in millions)

Pro Forma Average Daily Volume



2Q 2016 ADV up 13%

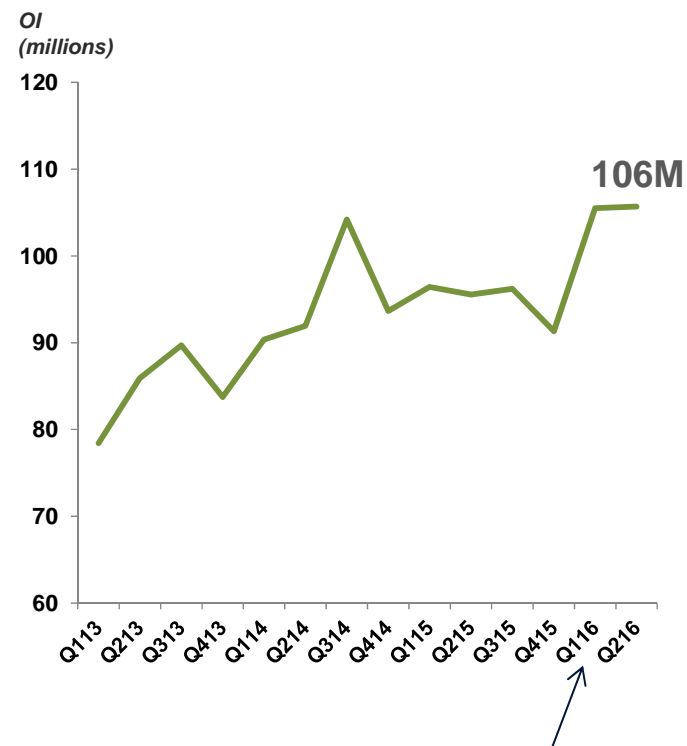
- Record Agricultural Commodities ADV of 1.7M contracts, up 23 percent
- Electronic ADV of 13.4M contracts, up 14 percent
- Options ADV of 3.0M contracts, up 15 percent
- Electronic Options ADV of 1.7M contracts, up 23 percent
 - Reached record electronic trading levels for Treasury options and Eurodollar options in 2Q, at 69% and 25% respectively
- Four of six product lines quarterly ADV year-over-year growth up over 20 percent
- Double-digit year-over-year growth from asset managers, hedge funds, proprietary trading firms, corporates and retail

Note: Volumes are all pro forma as if CME owned NYMEX and CBOT over the illustrated period and 2016TD ADV is through 6/30/16

Solid ADV and OI in 2016

ADV in thousands

Product Line	2016TD ADV	2016TD vs. 2015TD	Q216	Q216 vs. Q215	Jul16TD	Jul16TD vs. Jul15TD
Interest Rates	7,422	7%	6,776	3%	6,826	14%
Equities	3,180	24%	2,957	25%	2,595	2%
Energy	2,413	24%	2,322	33%	2,299	20%
Ag Commodities	1,464	11%	1,722	23%	1,410	-3%
FX	873	-4%	838	-7%	732	0%
Metals	465	33%	468	41%	494	39%
Total	15,815	13%	15,082	13%	14,356	10%

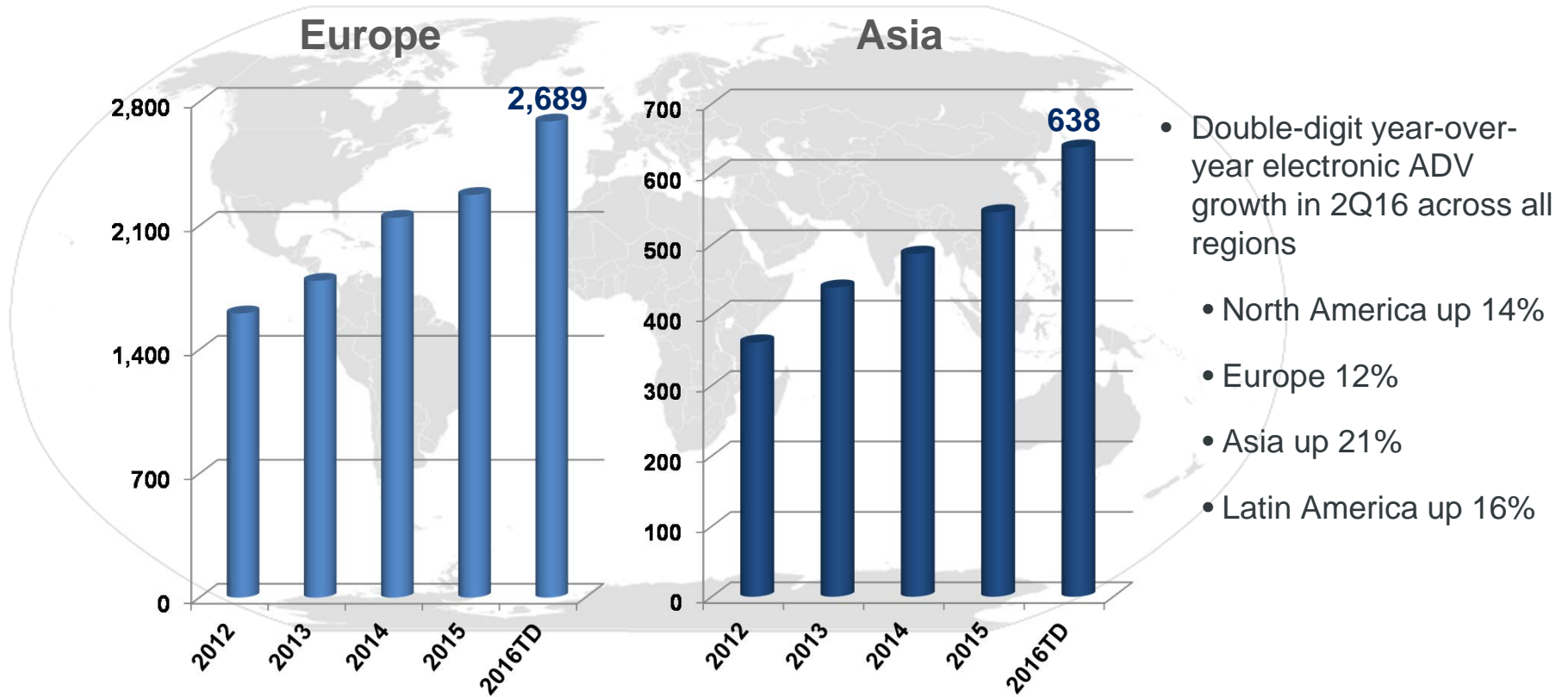


- Reached peak open interest of 116.3M contracts during 2Q16
- Open interest back over 110M contracts in mid-July prior to various contract expiries

Note: 2016TD and Jul16TD ADV through July 22, 2016

Investments in Globalization Are Paying Off

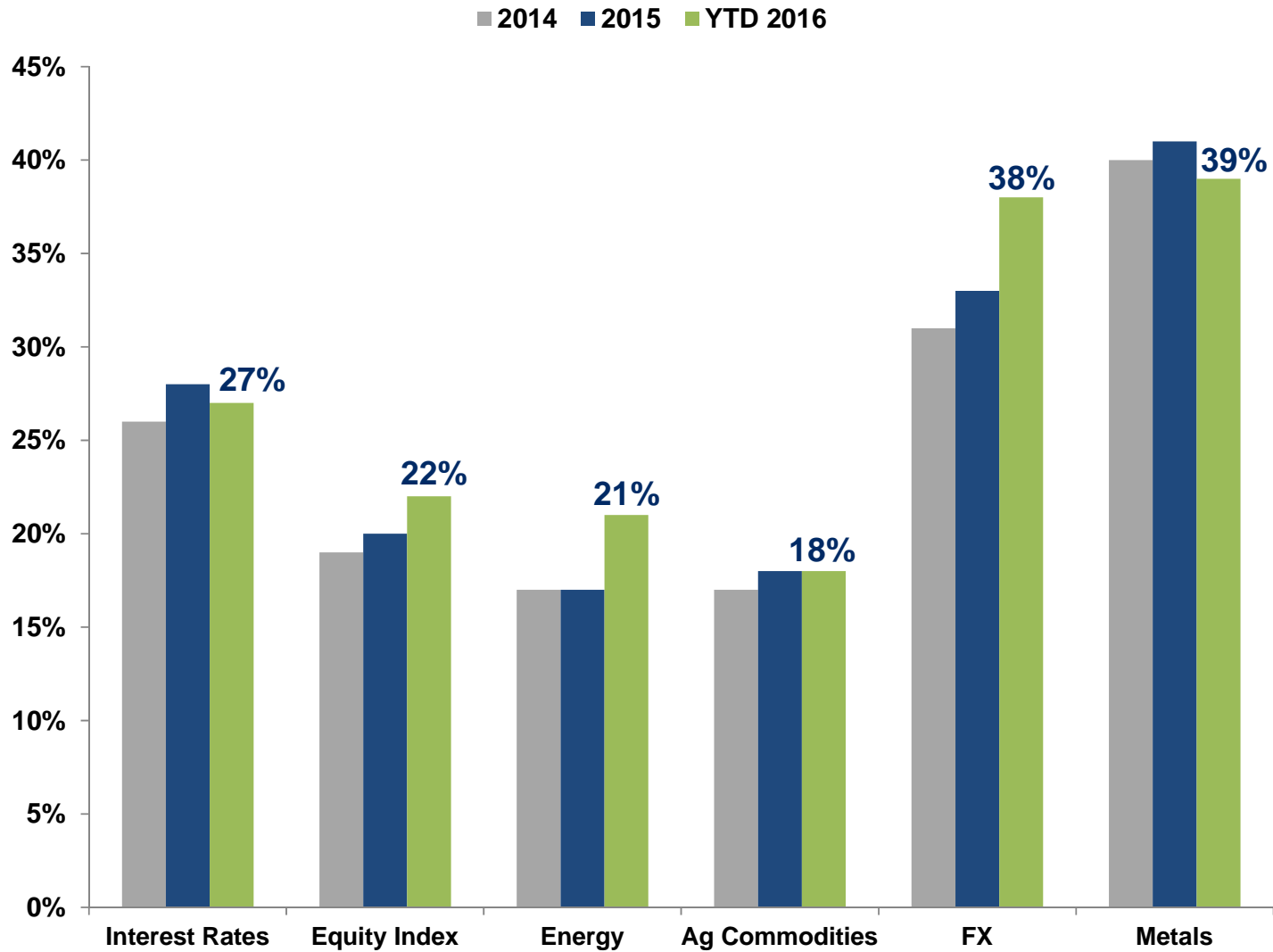
Electronic ADV, in 000s



Note: 2016TD through June 30, 2016

Investments in Globalization Are Paying Off

% of Total Electronic Average Daily Volume Outside U.S.

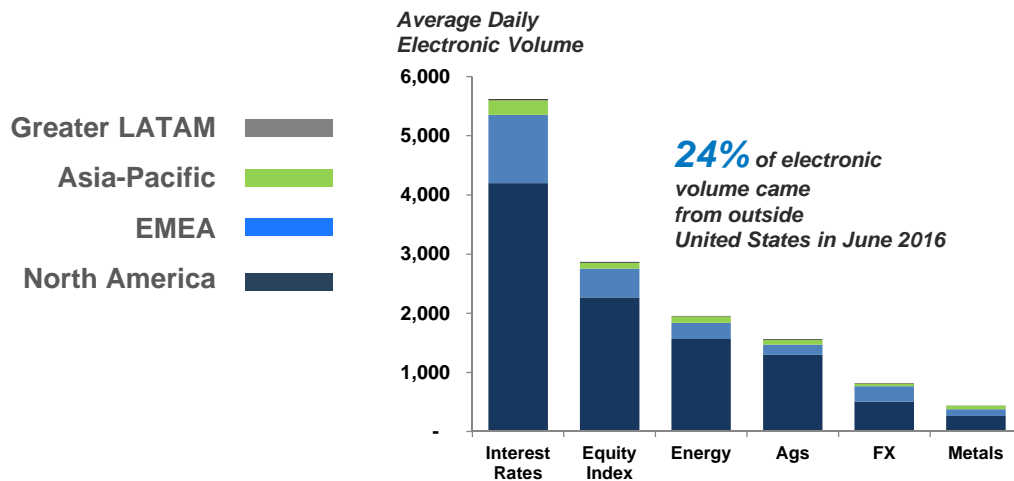


Global Participation From Outside U.S. on June 24 following Brexit vote

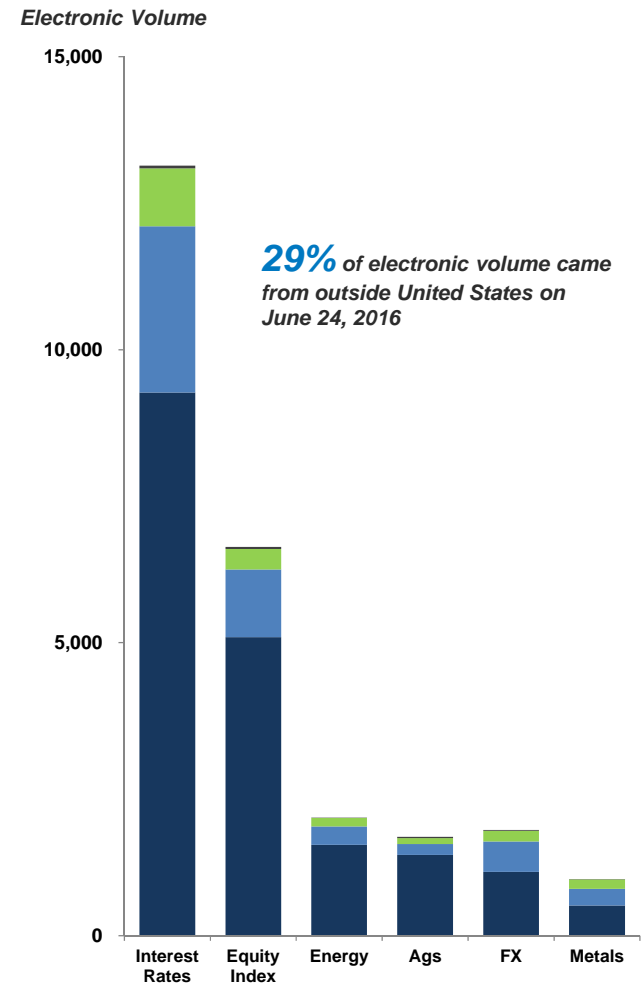
June 24, 2016 observations:

- More than doubled the quarterly electronic ADV across Interest Rates, Equity Index, FX and Metals
- European activity represented 20% of the volume on June 24th, compared with 18% for the 2Q16 on average; APAC activity represented 7% compared with 4%
- Record volume in Fed Funds, British Pound and E-micro Gold contracts

2Q 2016 – Full Month Average

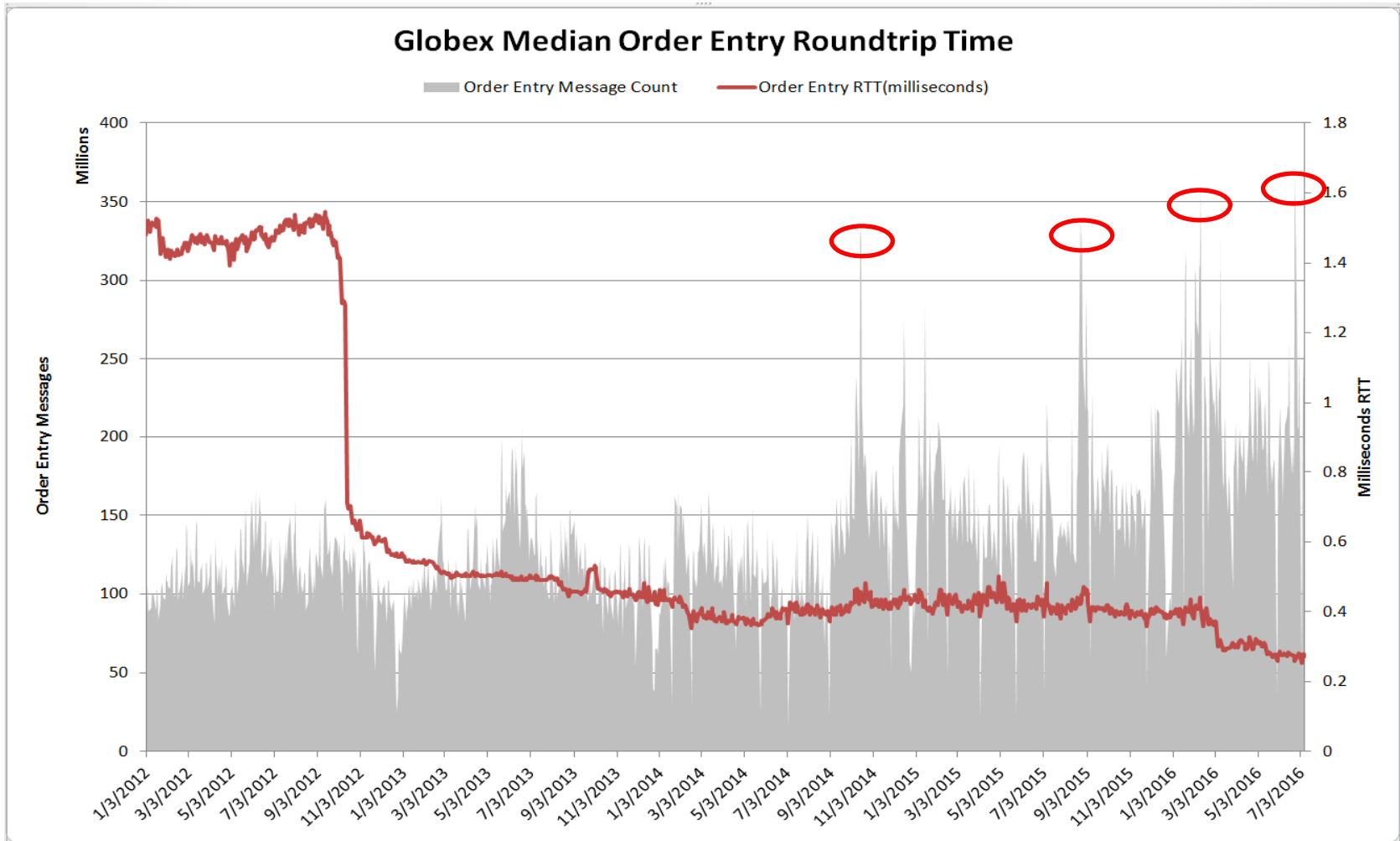


June 24, 2016

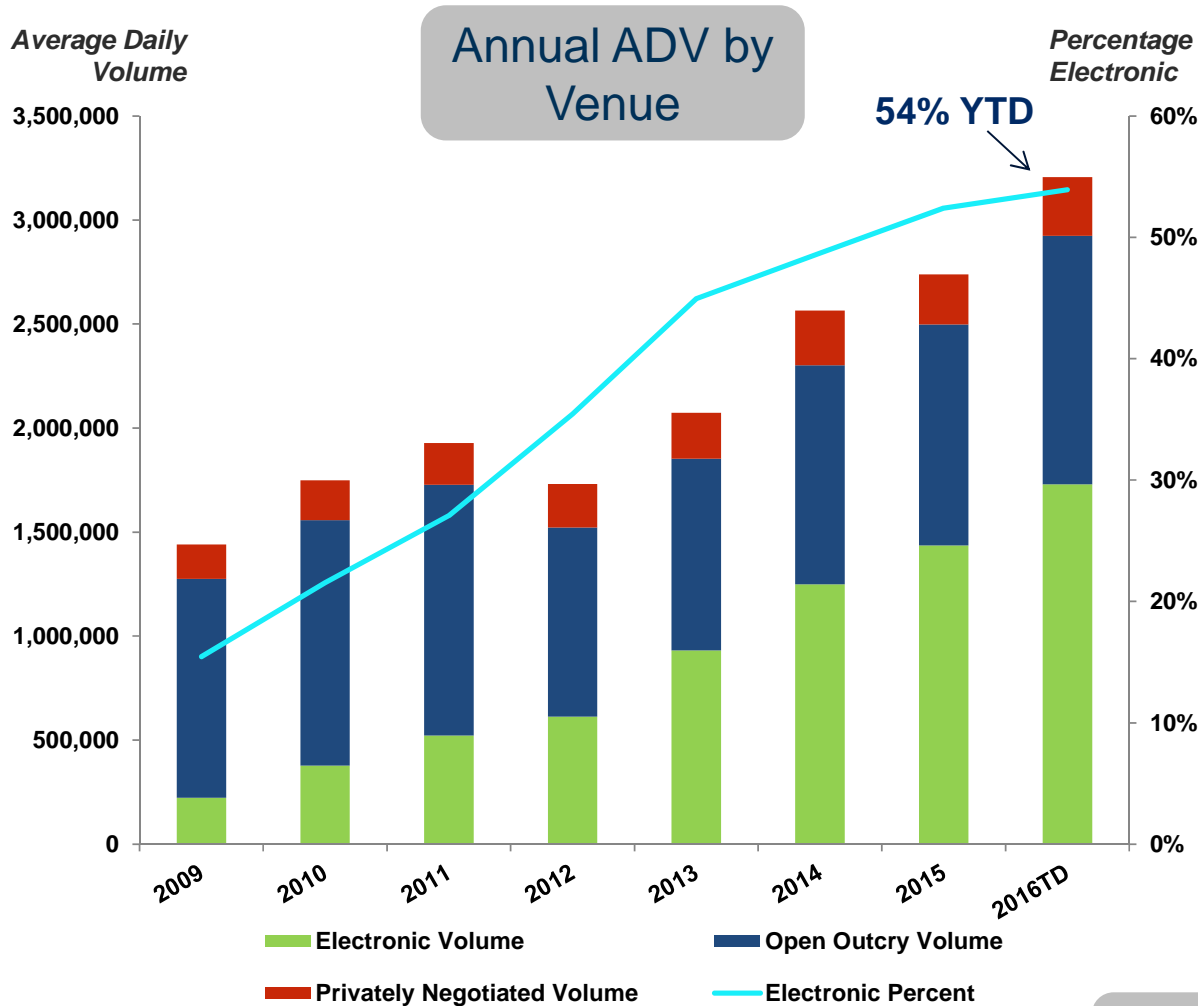


Most Reliable Choice During Volatile Events

CME Globex continued to improve performance and support all-time peak periods.



Options Business – Continued Opportunities

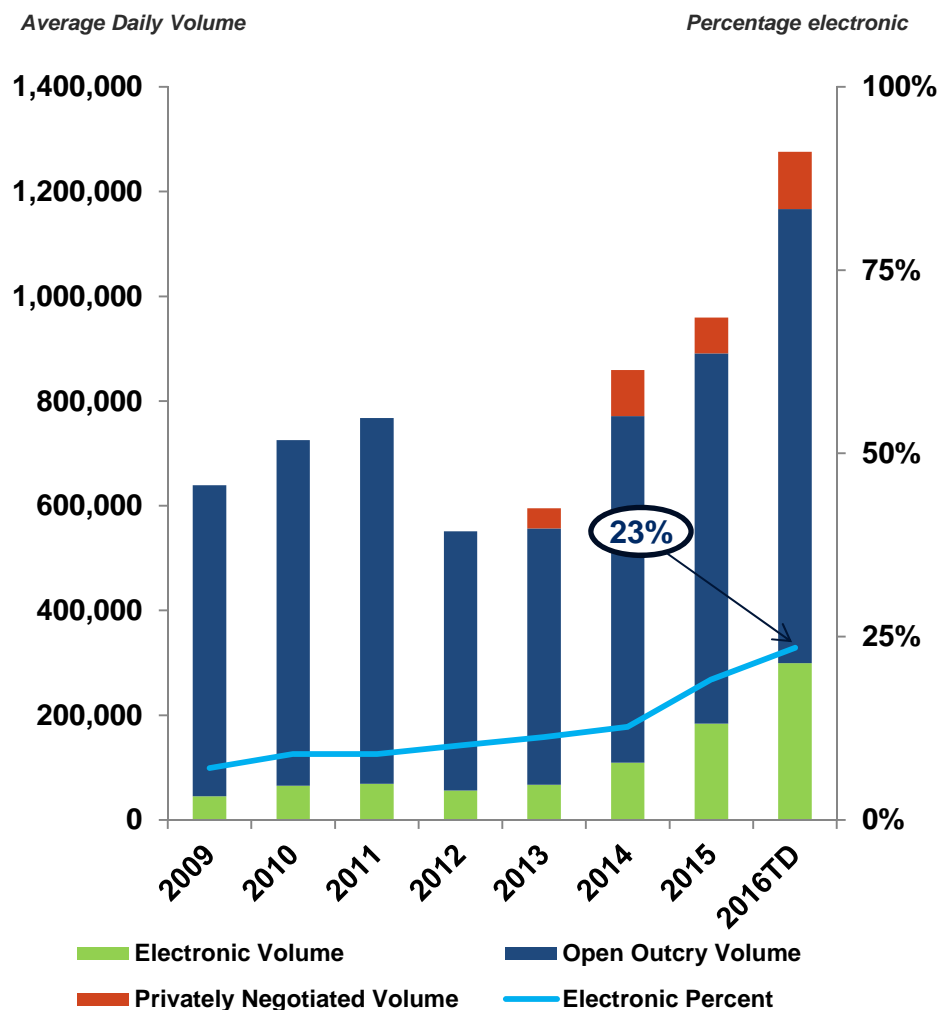


- 2Q16 Options ADV of 3M contracts was up 15 percent vs. 2Q15
- 2Q16 electronic Options ADV of 1.7M contracts was up 23 percent vs. 2Q15
- Continued electronification has enabled increased global participation in Options
 - European Options ADV 2016TD up 31 percent vs. 2015
 - Asian Options ADV 2016TD up 18 percent vs. 2015
- New products and client education driving increase usage of Options
 - Hedge Funds Options ADV 2016TD up 26 percent vs. 2015
 - Asset Manager Options ADV 2016TD up 34 percent vs. 2015

51% electronic in 1Q16
Record 57% electronic in 2Q16

Further Opportunity - Electronic Interest Rate Options ADV

CME Group Eurodollar Options ADV



- 2Q16 Eurodollar options ADV increased 28 percent vs. 2Q15 and electronic Eurodollar options ADV grew 74 percent
- 2Q16 electronic percent of total reached a quarterly record of 25 percent
- Reached monthly record for electronic percent of total of 27 percent in April 2016
- Electronic volume during the US hours when the trading pits are open (7:20am to 2:00pm Central) continues to increase
 - 38% of total in 2014
 - 48% of total in 2015
 - 52% of total in 2016TD

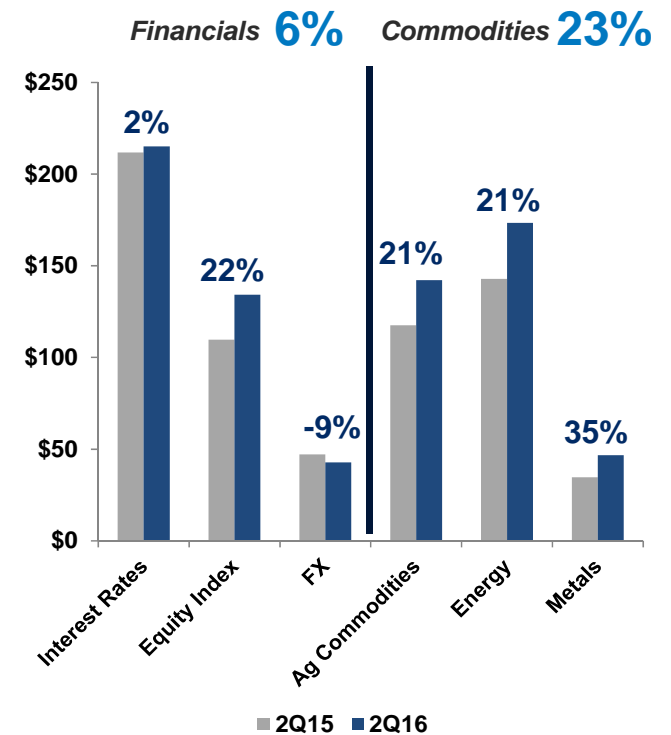
Unique Assets Provide Competitive Advantages



Q2 2016 Revenue Mix

Balanced portfolio of diverse, benchmark products

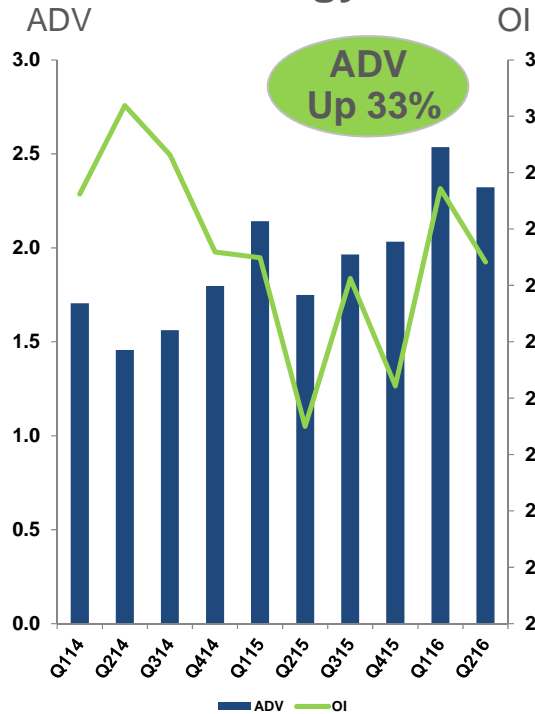
Growth Rates – 2Q16 vs. 2Q15



1. Agricultural commodities includes all agricultural commodities (grains, dairy, livestock, forest, NYMEX softs, indexes), weather and real estate

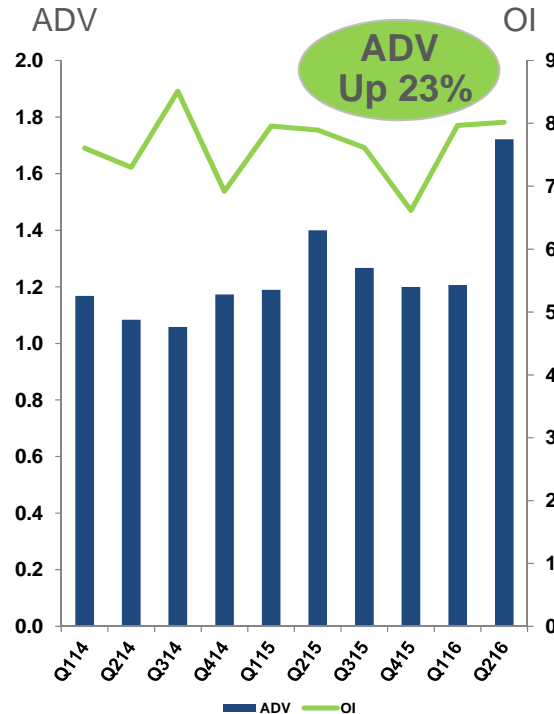
Unparalleled Product Diversity - Commodity Products

Energy



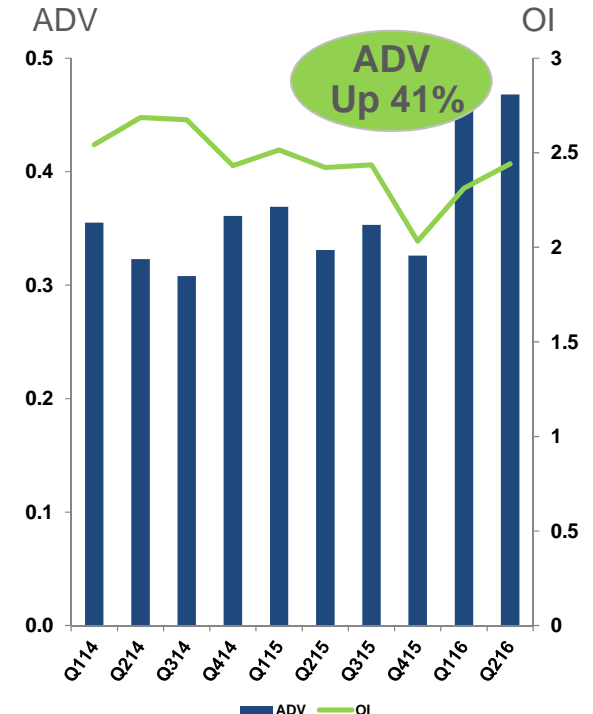
- 2Q16 Energy ADV second highest quarter, following record first-quarter 2016
- Compared with 2Q15 -
 - Crude Oil ADV up 38 percent
 - Natural Gas ADV up 17 percent
 - Refined Products ADV up 18 percent
- Global growth in Energy, with 2Q16 ADV
 - Up 48 percent in Europe
 - Up 145 percent in Asia
- Electronic Energy options ADV % of total (49% in 1Q16, 53% in 2Q16, 57% to date in July 2016)

Ag Commodities



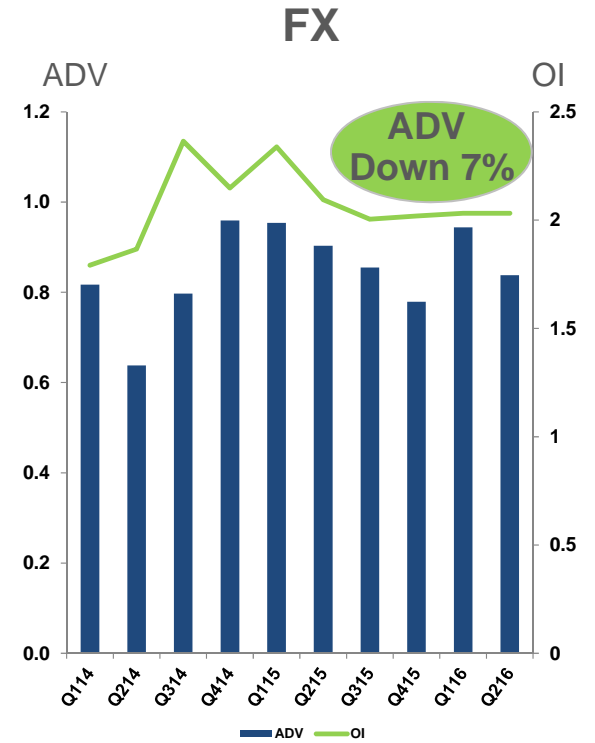
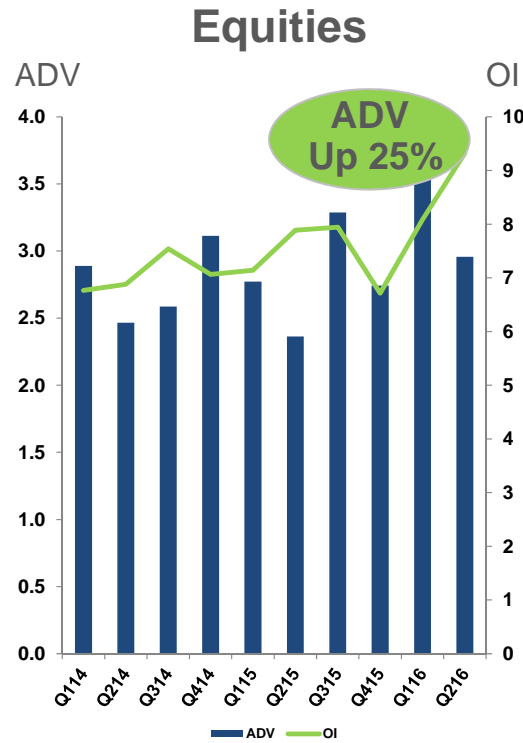
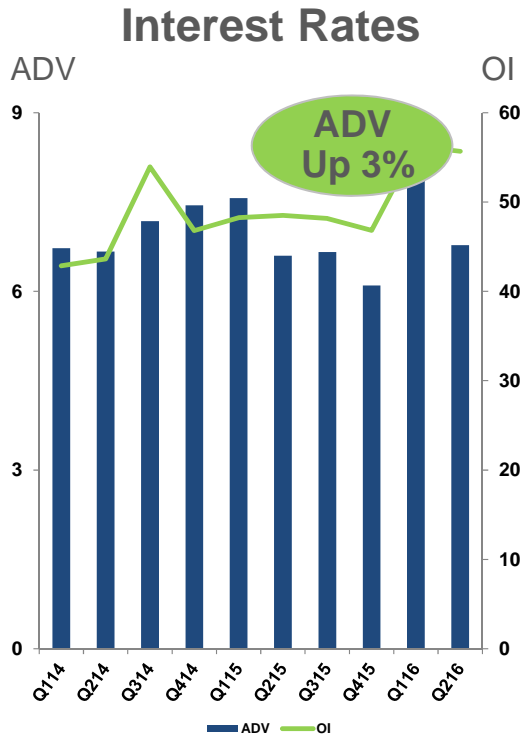
- Record 2Q16 ADV of over 1.7M contracts
- Compared with 2Q15 –
 - Soybeans ADV up 49 percent
 - Hard Red Winter Wheat ADV up 92 percent
 - Soybean Meal ADV up 29 percent
 - Corn ADV up 24 percent
 - Ags Options ADV up 26 percent
- Looking ahead, there are increasing expectations of the likelihood of La Nina, which we would expect to impact Ag volumes and Natural Gas markets

Metals



- 2Q16 Metals ADV second highest quarter
- Compared with 2Q15 –
 - Precious Metals ADV up 43 percent
 - Copper ADV up 33 percent
 - Metals Options ADV up 32 percent
- Have outperformed peers in gold and copper
- Global growth in Metals, with 2Q16 ADV
 - Up 28 percent in Europe
 - Up 85 percent in Asia
- Set all-time record for Large Open Interest Holders in both Gold and Silver in July

Unparalleled Product Diversity - Financial Products



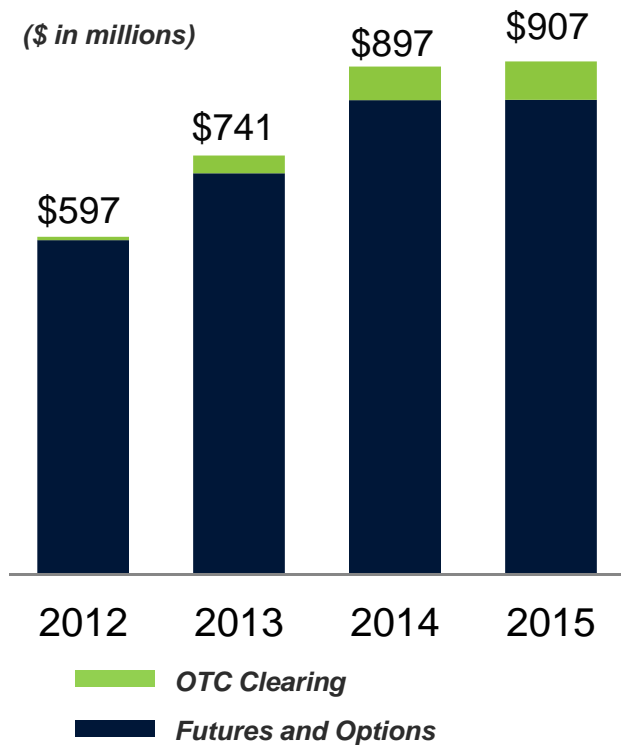
- Continue to outperform other related markets indicating the proportion of activity shifting to our interest rates futures and options:
 - 2016 YTD ADV through June 30 up 6 percent, while global dealer-to-client swap clearing volumes down 10 percent in the dollar fixed floating market
 - Cash treasuries down 5 percent YTD 2016, while CME Group Treasury futures are flat
- 2Q16 Fed Fund futures ADV up near 140 percent and Ultra 10-Yr grew from 36K ADV in 1Q16 to over 60K in 2Q16

- Compared with 2Q15 –
 - E-mini S&P 500 futures ADV up 29 percent
 - Equity options ADV up 24 percent
 - Significant strength across several weekly and end of month options products
- Global growth in Equities, with 2Q16 ADV
 - Up 31 percent in Europe
 - Up 31 percent in Asia
- Momentum continues to build with new Basis Trade Index at Close (BTIC) functionality

- Overall FX trading environment has been challenged, however, CME Group FX futures outperformed the two largest FX platforms in terms of trading activity versus last year
- Record British Pound ADV on June 24, following the Brexit vote, and 2Q16 British Pound ADV grew 18 percent compared with 2Q15
- 2Q16 Emerging Market currency pairs ADV growth with increases including Australian Dollar, Brazilian Real, Russian Ruble, and Mexican Peso

Interest Rates - Continued Innovation

CME Group Interest Rate Annual Revenue



Near \$500M in total for 2016TD
(through June 30, 2016)

Ultra 10-Yr Treasury Futures/Options

- Addresses gap in exposures of the existing 10-Year U.S. Treasury Note and the U.S. Treasury Bond futures by creating a product that fills customer demand for a 10-Year yield exposure
- **Over 7M contracts traded since launch** (as of July 22, 2016)
 - Traded 400K in first 3 weeks, surpassing previous all-time new product volume record for first 3 weeks established by Dow futures (224,923 contracts)
- **Open Interest:** reached as high as 175,000 contracts prior to expiry, increasing consistently since launch
- **TN and TY Growing Together:** Existing 10-Yr Treasury Note futures/options OI has reached near 6M contracts (peaking prior to quarterly roll), growing near 2M contracts since Jan. 8
- **Widespread Client Participation:** Over 275 participants trading all three global trading sessions
- **Variety of Trade Types Early:** Block trading, Options, cash-future basis (EFP) and invoice spreads (EFR) all traded in first 3 weeks
- **Ultra 10 Options:** Active trading in July and August expirations, across nine strikes, using straddles, strangles and outright

CME Group Innovation Addressing Changing Needs of Clients in Evolving Global Marketplace

Swaptions

- Became first exchange to offer swaptions clearing in 2Q16
- Five approved clearing members and have cleared dealer-to-dealer and dealer-to-customer trades

CME Group Offers the Broadest IRS Product Scope with 19 Currencies

- CME Group is the only CCP offering both MXN and BRL IRS clearing, maximizing operational and capital efficiencies
- Began scaling in Brazilian Real in June
- 24 participants have cleared Brazilian Real to date, customer events have been highly attended, and we continue to onboard

S&P 500 Total Return Index Futures / S&P 500 Carry Adjusted Total Return Index Futures

- Announced this month – will be available to trade August 29, 2016, pending regulatory review
- Products are designed to help market participants mitigate costs and find efficiencies related to new uncleared swap margin rules, which will go into effect on September 1, 2016.
- Products are intended to mimic the economics of a total return swap in futures form, allowing swap dealers and their end customers to avoid higher costs as a result of the new swap margin rules.
- The S&P 500 Total Return Index futures will be available to trade via Basis Trade Index at Close (BTIC), and will further expand our BTIC offering which traded a record \$32 billion in notional value during Q2.

Working closely with clients and accelerating product development – pipeline includes OTC FX options and non-deliverable forwards, and we continue to make progress on Repo clearing opportunity

CME Group 2Q 2016 Adjusted Financial Results¹

- Revenue of \$906M, up 11 percent
- Operating Expense of \$303M, up 1 percent *(flat when removing License Fees)*
- Operating Income of \$604M, up 16 percent
- Operating Margin of 66.6 percent compared with 63.6 percent in 2Q15
- Net Income of \$387M, up 15 percent
- Diluted EPS of \$1.14, up 15 percent

CME Group Average Rate Per Contract (RPC)

<u>Product Line</u>	<u>2Q 2015</u>	<u>3Q 2015</u>	<u>4Q 2015</u>	<u>1Q 2016</u>	<u>2Q 2016</u>
Interest Rates	\$ 0.502	\$ 0.506	\$ 0.517	\$ 0.501	\$ 0.496
Equities	0.725	0.708	0.718	0.726	0.709
Foreign Exchange	0.816	0.785	0.813	0.767	0.798
Energy	1.277	1.197	1.232	1.203	1.168
Ag Commodities	1.311	1.290	1.339	1.321	1.291
Metals	1.634	1.600	1.644	1.597	1.562
Average RPC	\$ 0.777	\$ 0.759	\$ 0.789	\$ 0.756	\$ 0.782

1) A reconciliation of the non-GAAP financial results mentioned to the respective GAAP figures can be found within the Reconciliation of GAAP to Non-GAAP Measures chart at the end of the financial statements and in the appendix of this presentation.

Notes / Guidance

• Adjusted Operating Expense

- 2Q16 adjusted operating expense, less licensing and other fee arrangements, totaled \$270M, flat compared with 2Q15
- Removal of amortization of intangible assets is now included in adjusted results, in line with our US exchange peers. A historical trend illustrating how prior periods would have been impacted by this change can be found in the appendix of this presentation, as well as on the last tab of the income statement trend file which is posted on our website.
- On this basis, 1H16 adjusted operating expenses were \$534M, up about ½ of 1 percent, and we expect 2H16 adjusted operating expenses to come in at about \$548M. The increase from 1H16 is based on heavier customer-related activity spend in 4Q and the acceleration of product development.
- This update is lower than the original full year guidance (which included amortization and excluded licensing and other fee arrangements) by \$4M – therefore, we expect full year 2016 adjusted operating expenses to be up ½ of 1 percent, rather than 1 percent, compared with 2015.

• Investment Income

- Received \$2.6M in dividends from BVM&FBOVESPA
- Investment returns generated through reinvestment of cash performance bonds and guaranty fund contributions during 2Q16 decreased sequentially to \$5.2M from \$7M in 1Q16, as a result of lower average daily investment balances from the prior quarter. Our net return during 2Q16 was 9 basis points.
- While we have been approved to establish an account with the Fed for house cash, it is not live yet; we continue to work through the operational details.

• Effective Tax Rate

- 2Q16 effective tax rate was 36.5 percent as we guided

Notes / Guidance - continued

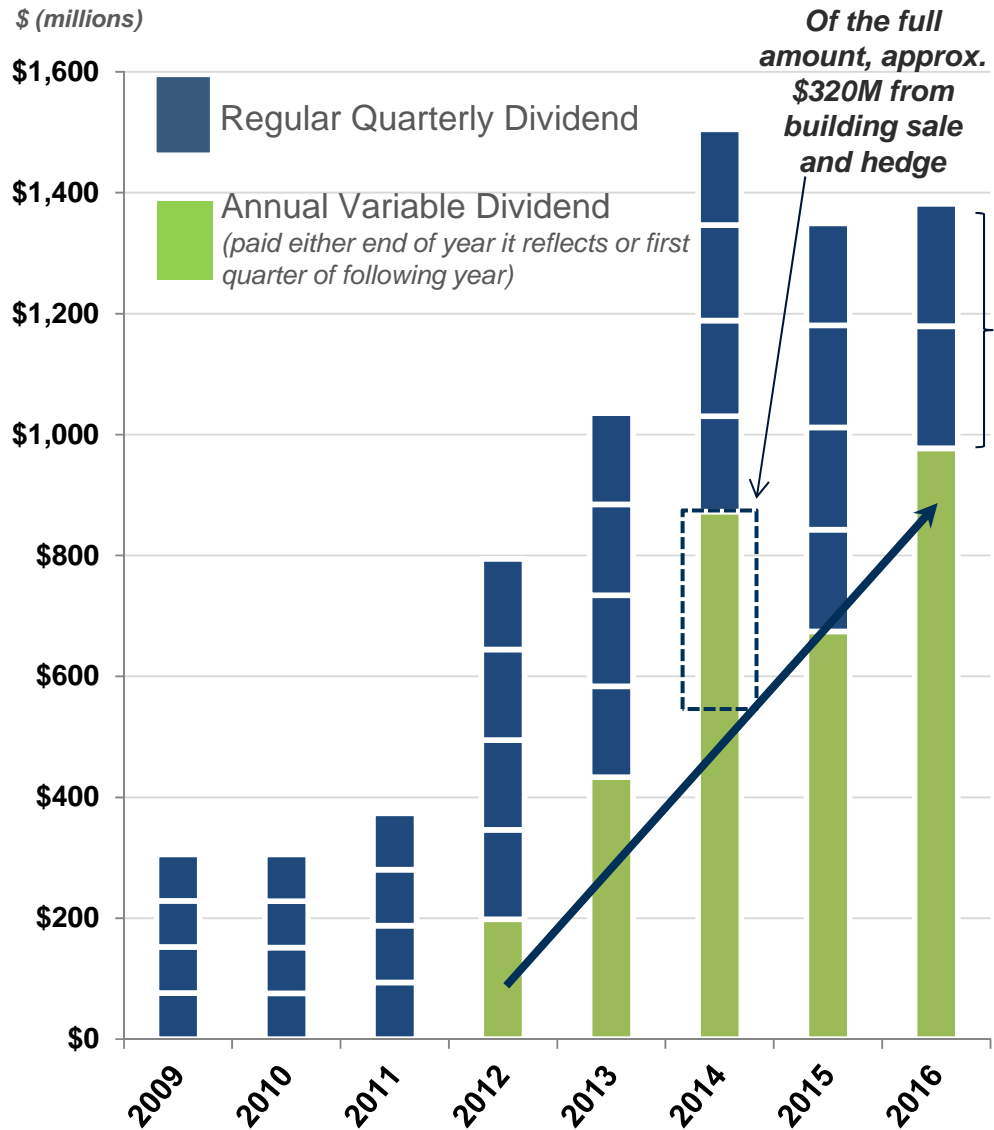
• Capital Expenditures

- 2Q16 capital expenditures net of leasehold improvement allowances were \$20 million, as we continue to leverage more software and infrastructure as a service, which is included in expense
- Original full-year 2016 guidance was \$115M to \$120M; we now expect full-year 2016 Capex to come in between \$100M and \$105M, based on efficiency efforts and timing.

• Equity Member Subscription Rate Program

- Currently equity members are required to hold shares of CME Group Class A common stock, in addition to seats to receive equity membership privileges. Under the terms of this new program, participants may substitute the assignment of their required shares by paying CME Group a monthly subscription.
 - Currently there are 370 institutions that are required to hold CME Group Class A common shares as part of their equity membership. A typical equity member is required to hold 20,000 shares per exchange in addition to seats.
 - For most of the equity members, the subscription rate will be \$7,500 per month per exchange. This will provide choice for the firms, and potentially allow them to free up capital to deploy in other ways.
 - Each of the 370 firms will have full discretion on whether or not to participate in the program. The timing on their evaluation and decision to participate is expected to lead to an orderly share release over time and should be easily absorbed by the market.
 - An update on the participation level will be provided next quarter. At a 50 percent participation level, CME Group would generate an estimated \$20M of incremental annual revenue, and up to \$40M if all equity members switch to the monthly subscription.

Committed to Returning Cash to Shareholders



- First-quarter and second-quarter 2016 regular dividends paid at \$0.60 per share, increased 20 percent from 2015 level
- CME Group to keep \$700M minimum cash
- Creates opportunity to sweep excess cash to shareholders annually
- Unique annual, variable structure
- Returned more than \$6 billion to shareholders in dividends since beginning of variable dividend policy in early 2012
- Dividend yield over the last 4 years of more than 5 percent

Note – Annual, variable dividend reflecting excess cash from 2011 was paid in 1Q 2012, and annual, variable dividend reflecting excess cash from 2012 (which is illustrated in 2013 on this chart), was paid early in 4Q 2012.

CME - Most Attractive, Valuable and Diverse Exchange

- **Compelling business model**
 - Balanced portfolio of diverse and benchmark products
 - Long-term average daily volume growth of 14 percent per year since 1972
 - Highly transparent – volume data available daily and expense guidance provided
- **Growth opportunities – secular drivers**
 - Potential to capture more futures and options volume due to capital efficiency
 - Early stages of globalization
 - Electronification of options – increases velocity/volume, higher fee capture, drives futures volumes
- **Model drives strong financial characteristics**
 - Significant operating leverage
 - Strong free cash flow generation
 - Highly consistent return of capital policy – unique dividend structure

CME Group
2Q 2016
Earnings Conference Call - Appendix

July 28, 2016

2Q16 Reconciliation of GAAP to non-GAAP Measures

CME Group Inc. and Subsidiaries
 Reconciliation of GAAP to non-GAAP Measures
 (dollars in millions, except per share amounts; shares in thousands)

	Quarter Ended June 30, 2016		Six Months Ended June 30, 2016	
	2016	2015	2016	2015
Net Income	\$ 320.1	\$ 265.0	\$ 687.9	\$ 595.4
Restructuring and severance	—	1.9	—	7.4
Acquisition-related costs	—	—	—	0.9
Amortization of purchased intangibles	24.0	25.0	48.0	49.9
Loss on disposal of building assets	4.0	—	5.3	—
Loss and expenses related to sale-leaseback of data center	—	—	28.6	—
Real estate taxes and fees	—	10.0	—	10.0
Foreign exchange transaction (losses) gains ¹	11.6	(11.1)	15.5	(1.1)
Impairment loss on investment	3.8	—	3.8	—
Gain on sale of BM&FBOVESPA shares	—	(5.9)	—	(5.9)
Debt prepayment costs	—	61.8	—	64.1
GFI termination fee - net of the portion paid to outside advisers	—	—	—	(22.5)
Income tax effect related to above	(13.7)	(28.3)	(34.2)	(34.5)
Other income tax items ²	37.5	17.4	37.5	17.4
Adjusted Net Income	\$ 387.3	\$ 335.8	\$ 792.4	\$ 681.1
GAAP Earnings per Common Share:				
Basic	\$ 0.95	\$ 0.79	\$ 2.04	\$ 1.77
Diluted	0.95	0.78	2.03	1.76
Adjusted Earnings per Common Share:				
Basic	\$ 1.15	\$ 1.00	\$ 2.35	\$ 2.03
Diluted	1.14	0.99	2.34	2.02
Weighted Average Number of Common Shares:				
Basic	337,289	336,036	337,152	335,859
Diluted	338,706	337,796	338,599	337,574

1. Results include foreign exchange transaction net losses principally related to cash held in British pounds within foreign entities whose functional currency is the U.S. dollar.

2. Income tax expense recognized primarily from the remeasurement of tax positions resulting from state and local income tax law changes in second-quarter 2016

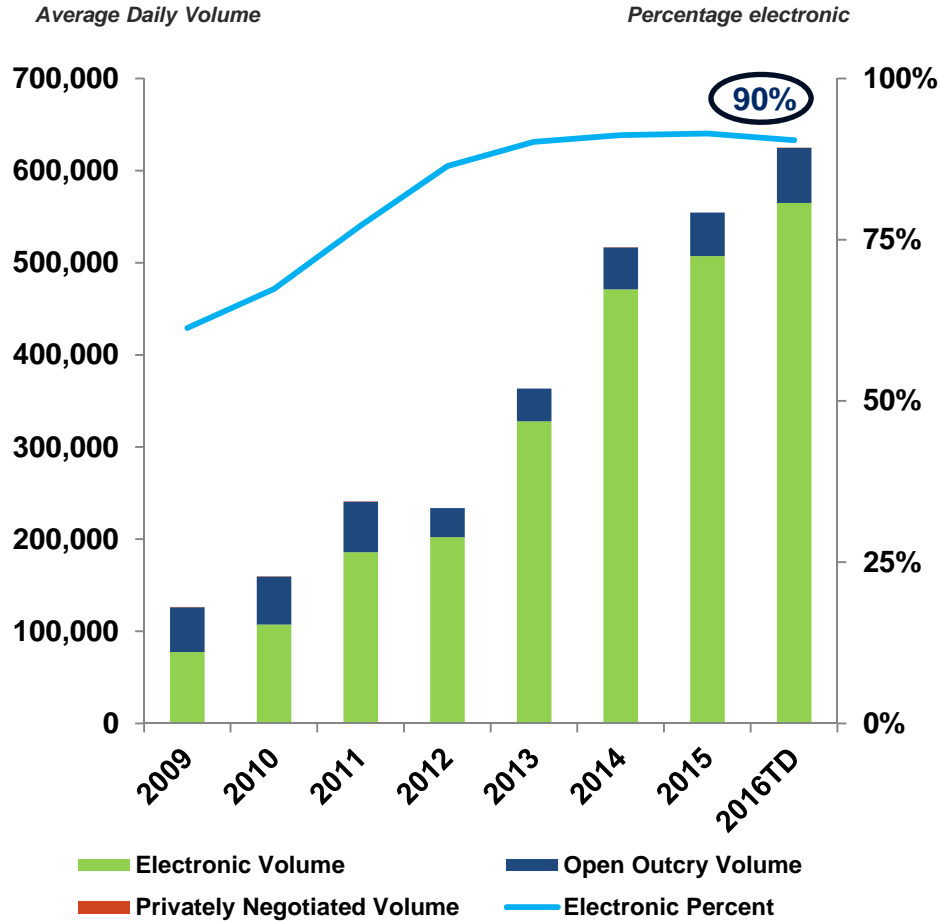
GAAP Income Statement Trend Excluding Deferred Compensation, FX, Amortization of Intangibles and Other Historically Noted Adjustments¹

	Q114	Q214	Q314	Q414	Q115	Q215	Q315	Q415	Q116	Q216
Revenues										
Clearing and transaction fees	\$ 652.2	\$ 609.3	\$ 641.8	\$ 713.0	\$ 708.2	\$ 681.8	\$ 715.0	\$ 678.9	\$ 796.1	\$ 767.6
Market data and information services	89.4	89.6	87.7	89.6	98.0	102.8	99.5	99.1	102.4	102.9
Access and communication fees	20.4	20.4	20.8	21.1	21.3	21.5	21.6	21.7	21.6	22.3
Other	15.4	12.3	12.1	17.4	15.2	13.9	14.2	14.1	14.1	13.6
Total Revenues	777.4	731.6	762.4	841.1	842.7	820.0	850.3	813.8	934.2	906.4
Expenses										
Compensation and benefits	134.7	132.1	132.8	130.9	134.0	140.0	130.7	132.3	131.9	131.0
Communications	8.2	8.3	7.8	7.7	7.6	6.6	7.1	6.5	6.7	6.3
Technology support services	13.9	14.6	13.8	15.9	15.6	16.1	15.4	17.4	17.4	17.7
Professional fees and outside services	29.6	32.8	29.5	27.7	28.2	27.0	30.0	32.2	30.6	39.0
Amortization of purchased intangibles										
Depreciation and amortization	34.1	34.3	32.7	31.5	31.8	33.3	32.4	31.7	32.6	30.4
Occupancy and building operations	23.2	23.2	24.7	23.6	22.8	23.5	23.1	23.1	21.1	20.4
Licensing and other fee agreements	29.0	25.7	25.5	34.0	30.6	28.8	33.1	31.3	39.0	32.8
Other	27.3	31.1	25.1	44.2	21.7	23.5	20.5	37.4	23.4	25.2
Total Expenses	300.0	302.1	291.9	315.5	292.3	298.8	292.3	311.9	302.7	302.8
Total Expenses less Licensing and other fee agreements	271.0	276.4	266.4	281.5	261.7	270.0	259.2	280.6	263.7	270.0
Operating Income	477.4	429.5	470.5	525.6	550.4	521.2	558.0	501.9	631.5	603.6
Non-Operating Income (Expense)										
Investment income	2.4	13.3	8.1	8.6	3.9	12.3	9.1	13.1	17.8	20.3
Gain (losses) on derivative investments	-	-	-	-	-	-	-	-	-	-
Interest and other borrowing costs	(33.7)	(28.3)	(28.7)	(28.7)	(31.1)	(28.6)	(28.3)	(28.9)	(29.8)	(31.0)
Equity in net gains (losses) of unconsolidated subsidiaries	22.4	21.5	20.0	20.9	22.5	26.0	26.6	24.9	26.8	27.0
Other non-operating income (expense)	-	1.8	-	-	(0.8)	(1.1)	(0.8)	(0.8)	(10.0)	(10.4)
Total Non-Operating	(8.9)	8.3	(0.6)	0.8	(5.5)	8.6	6.6	8.3	4.8	5.9
Income Before Income Taxes	468.5	437.8	469.9	526.4	544.9	529.8	564.6	510.2	636.3	609.5
Income tax provision	175.0	163.9	173.0	191.8	199.6	194.0	204.8	183.2	231.2	222.2
Net Income	293.5	273.9	296.9	334.6	345.3	335.8	359.8	327.0	405.1	387.3
Less: net income (loss) attributable to non-controlling interests	(0.2)	-	-	-	-	-	-	-	-	-
Net Income Attributable to CME Group	\$ 293.7	\$ 273.9	\$ 296.9	\$ 334.6	\$ 345.3	\$ 335.8	\$ 359.8	\$ 327.0	\$ 405.1	\$ 387.3
Earnings per Diluted Common Share Attributable to CME Group	\$0.88	\$0.82	\$0.88	\$0.99	\$1.02	\$0.99	\$1.06	\$0.97	\$1.20	\$1.14
Weighted Avg. Number of Diluted Common Shares	335.64	335.80	336.17	336.63	337.42	337.80	338.14	338.25	338.55	338.71
Adjustments highlighted in above view:										
Deferred compensation gain (loss)	0.8	1.8	(0.7)	1.5	1.8	0.3	(4.1)	2.2	0.2	0.7
Currency fluctuation	(3.1)	(5.5)	12.8	11.2	10.0	(11.1)	(7.2)	(5.2)	(3.9)	(11.6)

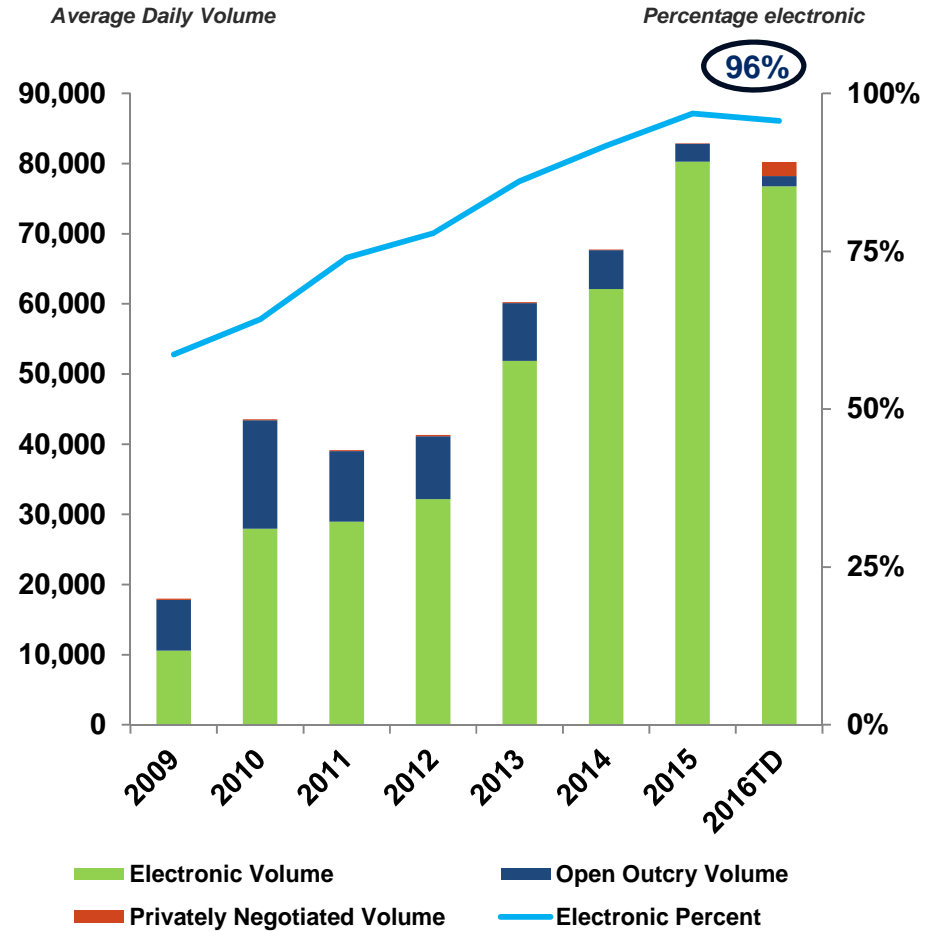
1) Please refer to each individual quarter's Reconciliation of GAAP to Non-GAAP Measures for the specific adjustments made during that period.

Electronic Options ADV by Product Line

CME Group Equities Options ADV



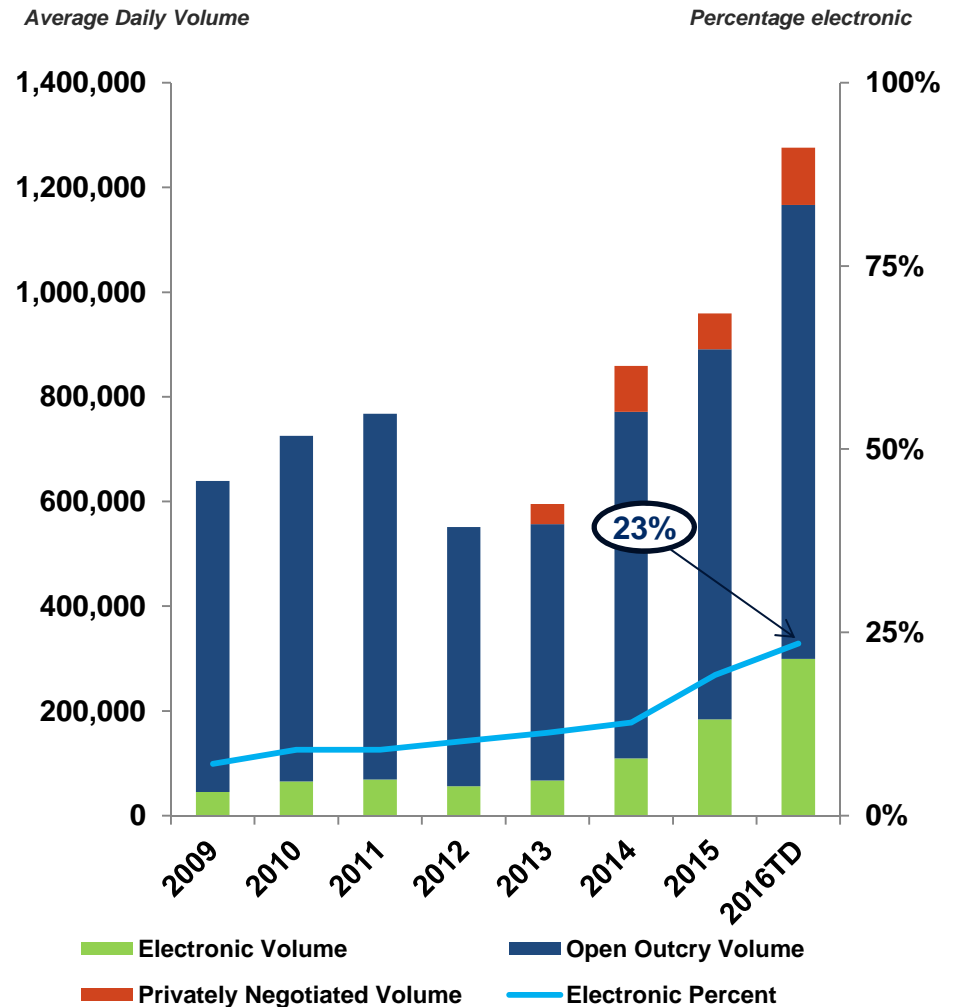
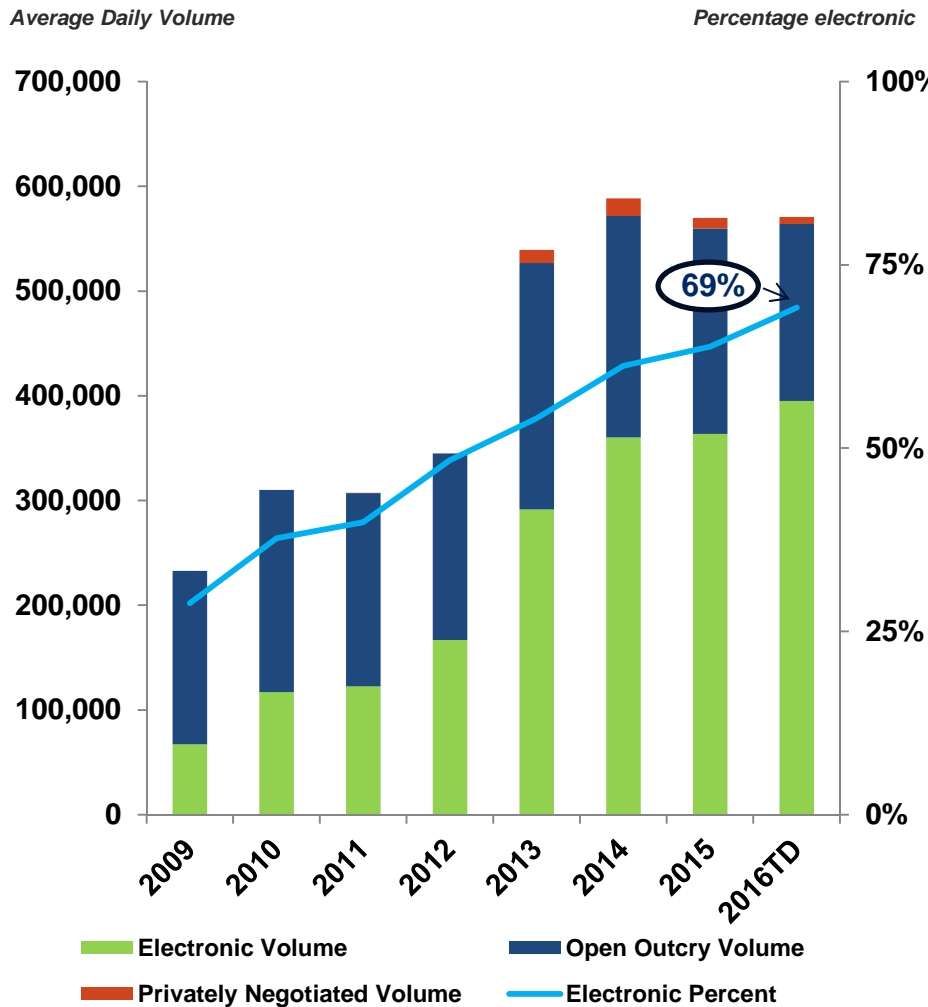
CME Group FX Options ADV



Further Opportunity - Electronic Interest Rate Options ADV

CME Group Treasury Options ADV

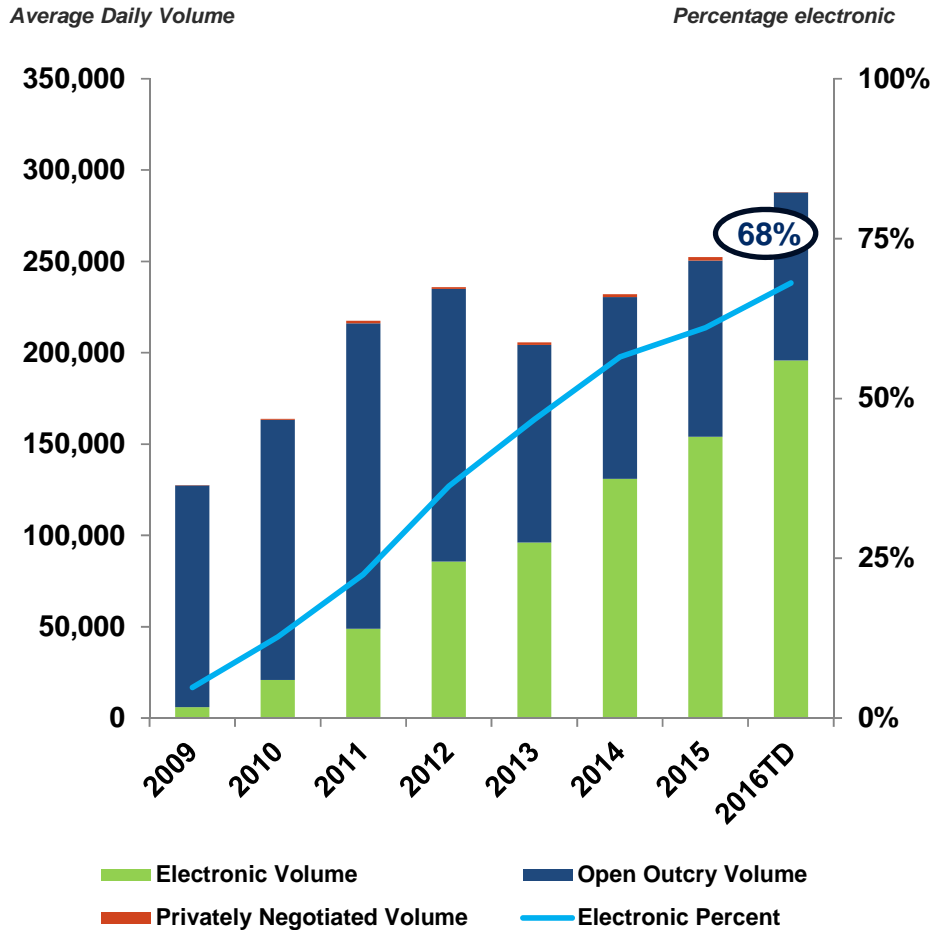
CME Group Eurodollar Options ADV



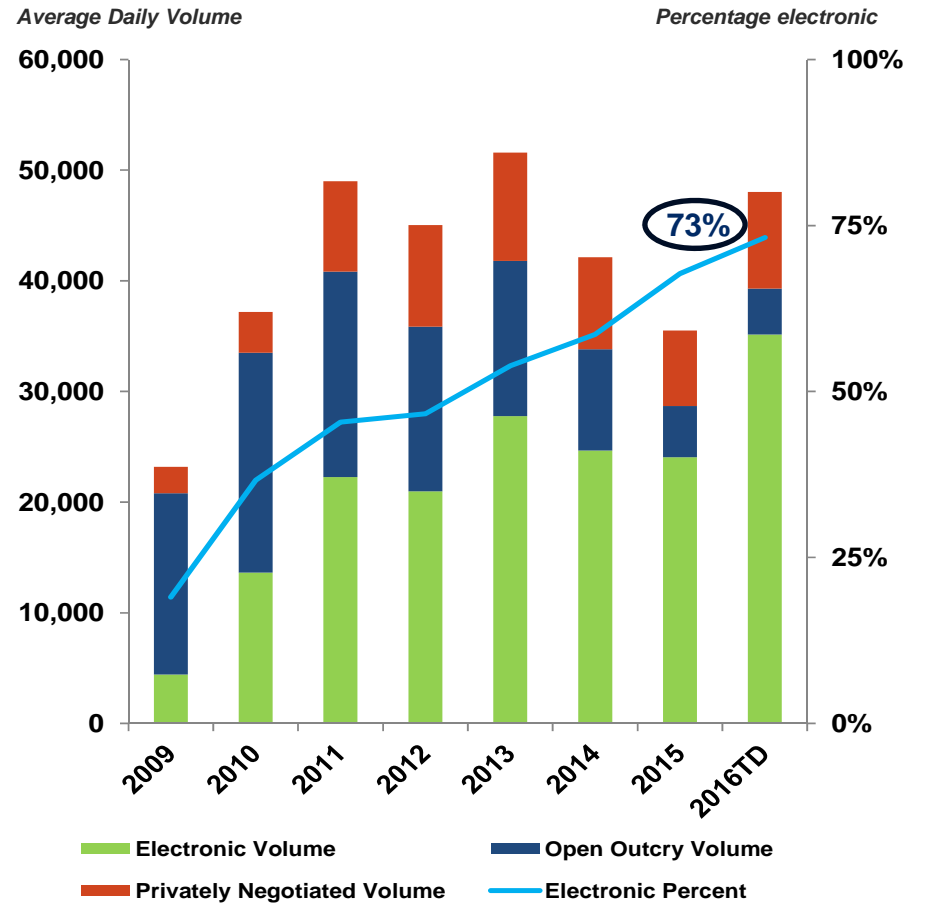
Electronic Options ADV by Product Line

• Excluding OTC Volume, 2016TD electronic percent would be 89%

CME Group Ag Commodities Options ADV



CME Group Metals Options ADV

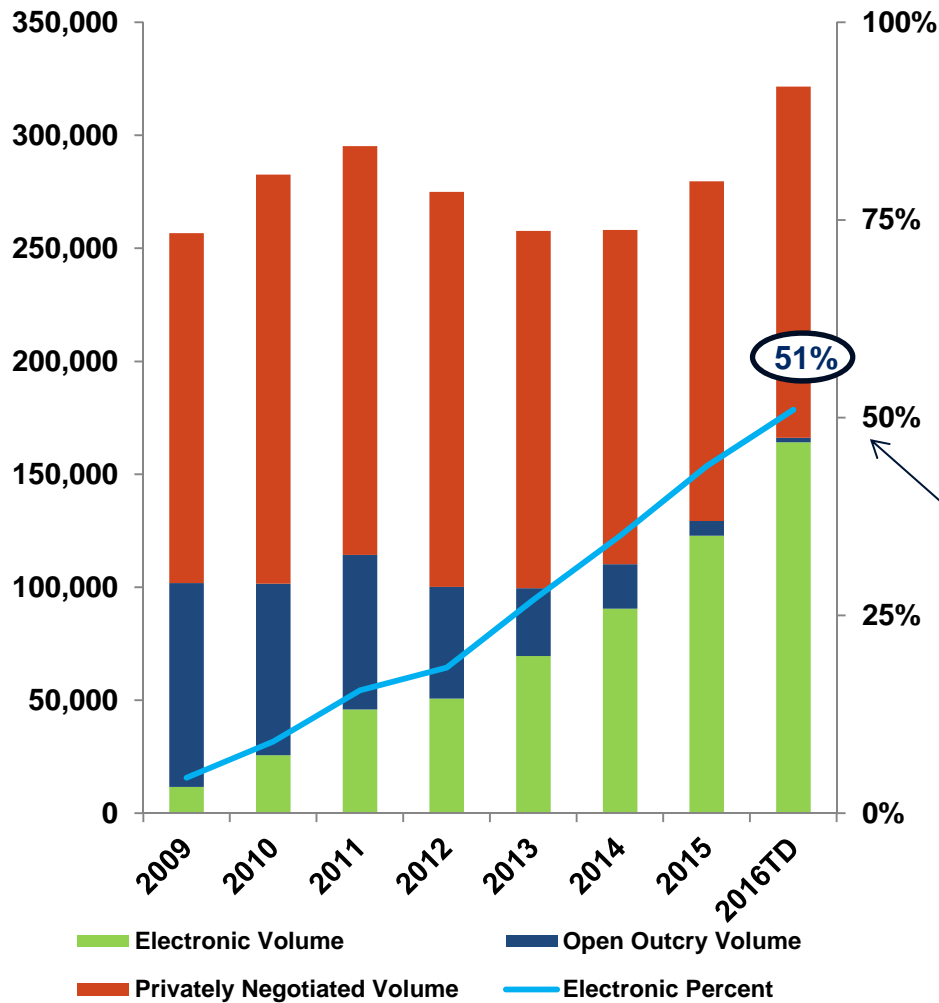


Electronic Options ADV by Product Line

CME Group Energy Options ADV

Average Daily Volume

Percentage electronic

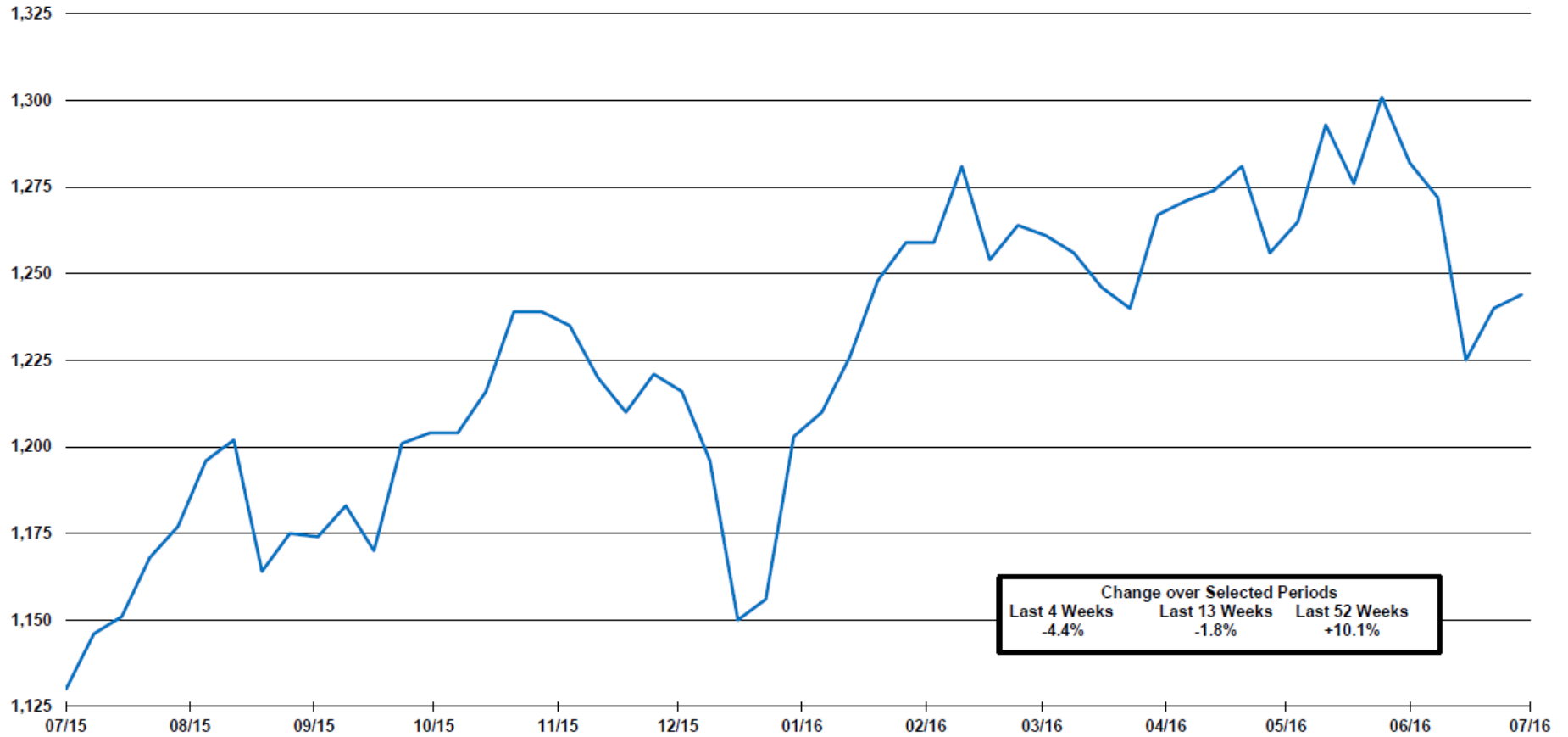


• Excluding OTC Volume, 2016TD electronic percent would be 97%

Energy Futures – Large Open Interest Holders

CME Group Energy Futures
Aggregate Number of Large Open Interest Holders*

Source: CFTC

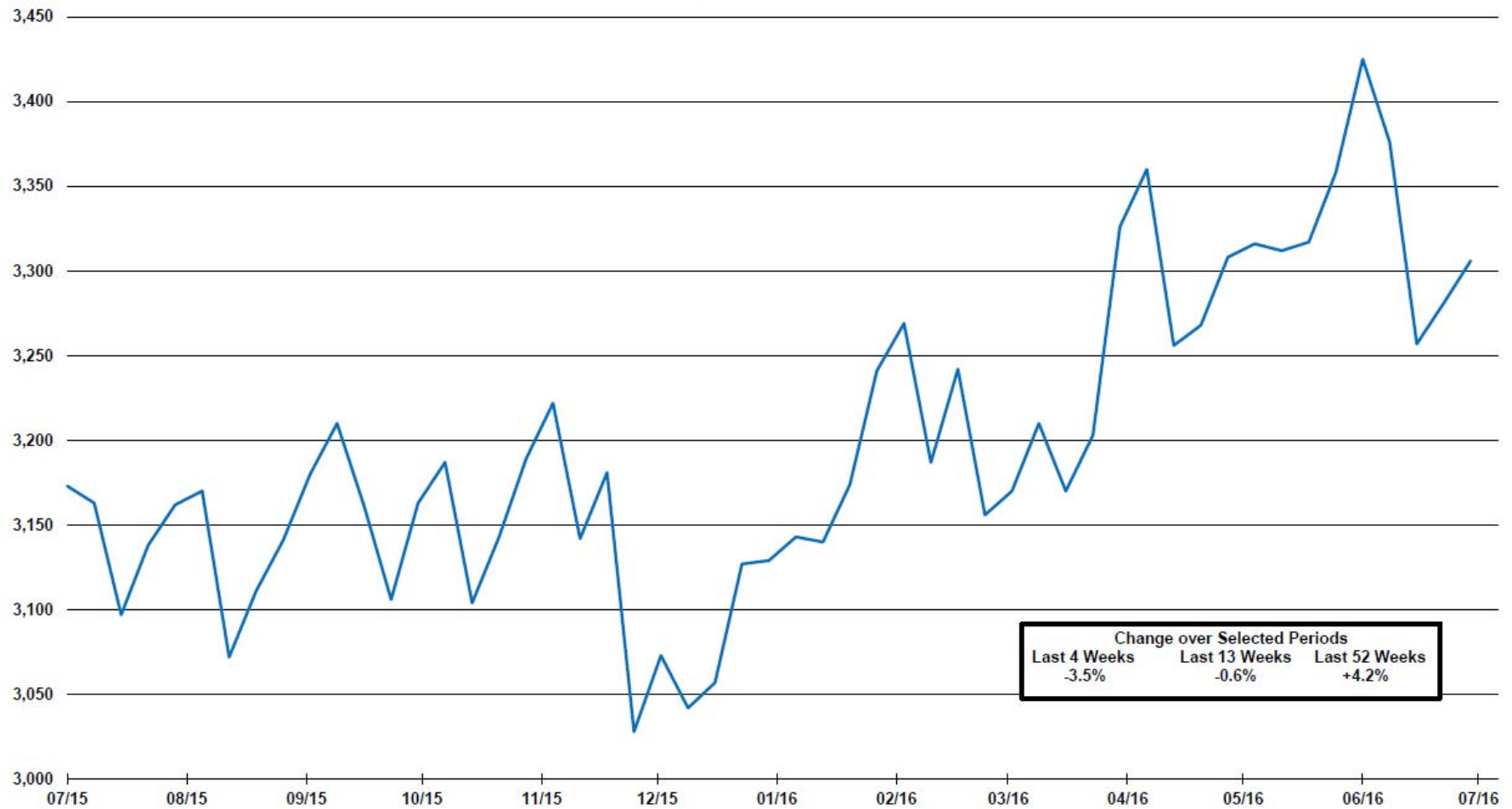


*The Aggregate number of Large Open Interest Holders is the sum of the LOIH traders for the following products: WTI (Crude Oil, Light Sweet), NG (Natural Gas), RBOB (Gasoline Blendstock), HO (#2 Heating Oil), International Coal
 The Energy Product Line LOIH above is a sum of each product's LOIH and does not imply a unique number of Traders

Ag Futures – Large Open Interest Holders

CME Group Agricultural Futures
Aggregate Number of Large Open Interest Holders*

Source: CFTC

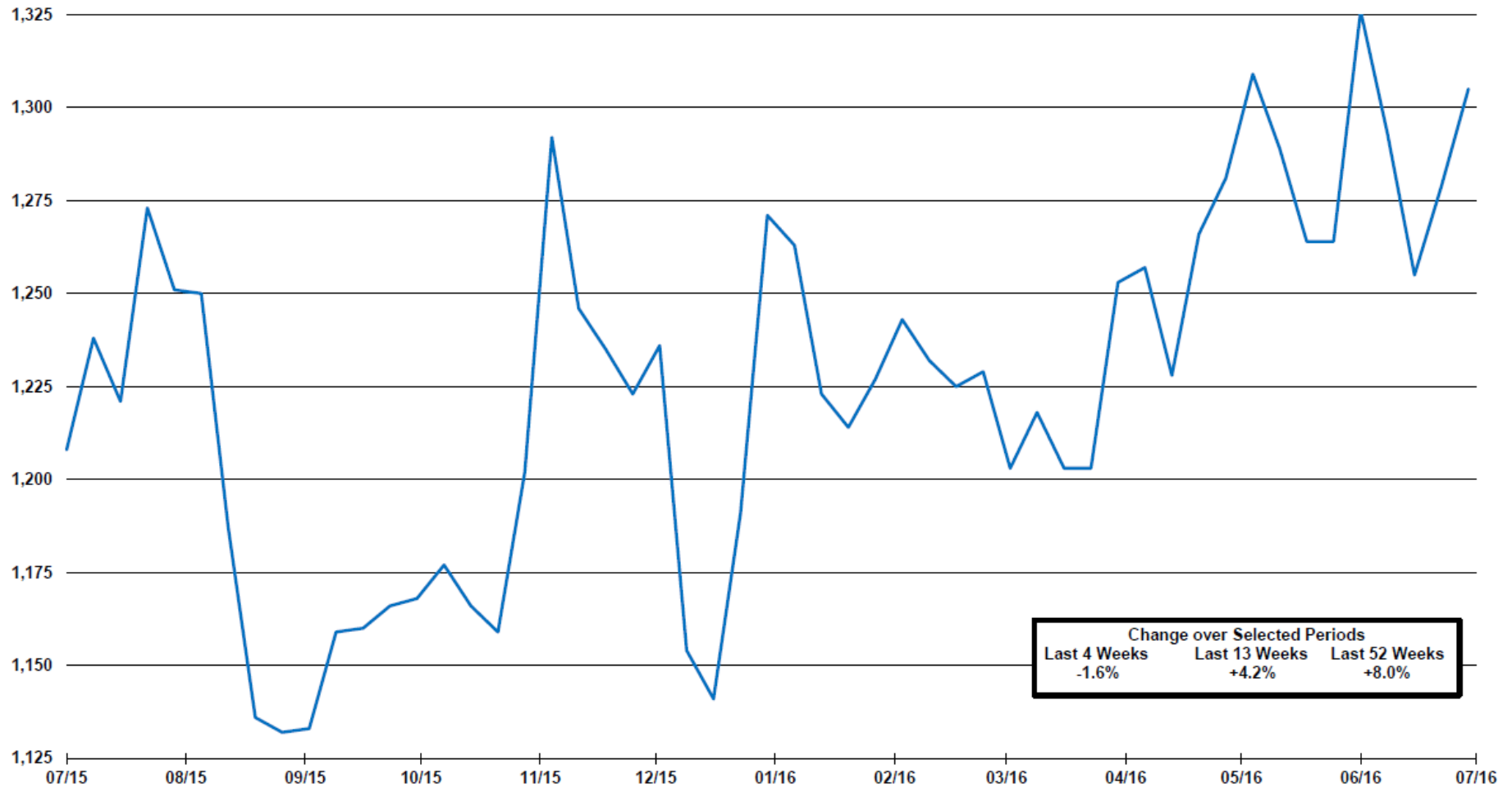


*The Aggregate number of Large Open Interest Holders is the sum of the LOIH traders for the following products: Corn, Wheat (HRW and SRW), Soybeans, Soybeans Meal, Soybeans Oil, Live Cattle, and Lean Hogs.
 The Agricultural Product Line LOIH above is a sum of each product's LOIH and does not imply a unique number of Traders

Metals Futures – Large Open Interest Holders

CME Group Metals Futures
Aggregate Number of Large Open Interest Holders*

Source: CFTC

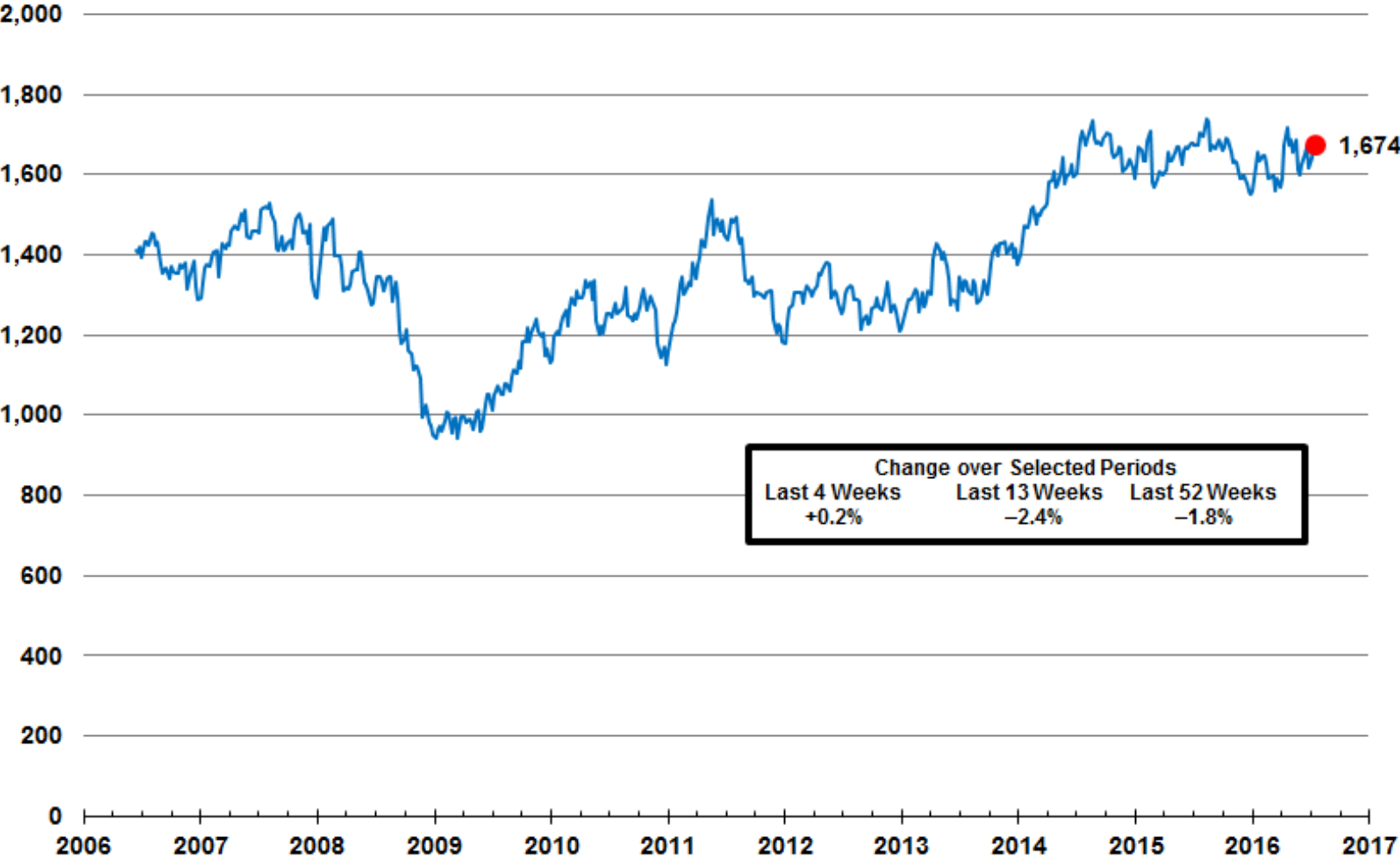


*The Aggregate number of Large Open Interest Holders is the sum of the LOIH traders for the following products: Gold, Silver, Copper, Platinum, and Palladium.
 The Metals Product Line LOIH above is a sum of each product's LOIH and does not imply a unique number of Traders

Interest Rate Futures – Large Open Interest Holders

CME Group Interest Rate Futures
Aggregate Number of Large Open Interest Holders*

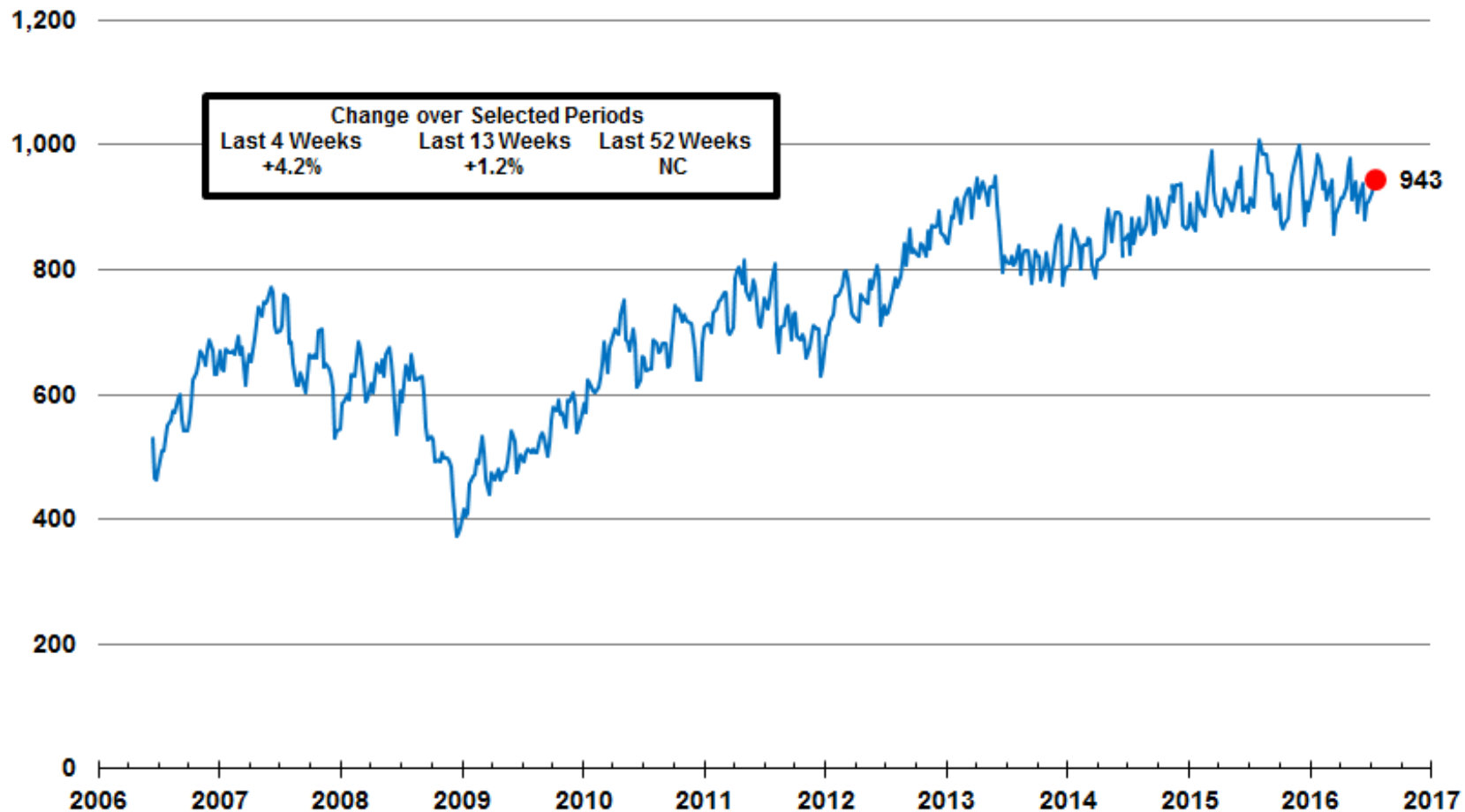
Source: CFTC



FX Futures – Large Open Interest Holders

CME Group Foreign Exchange Futures
Aggregate Number of Large Open Interest Holders*

Source: CFTC

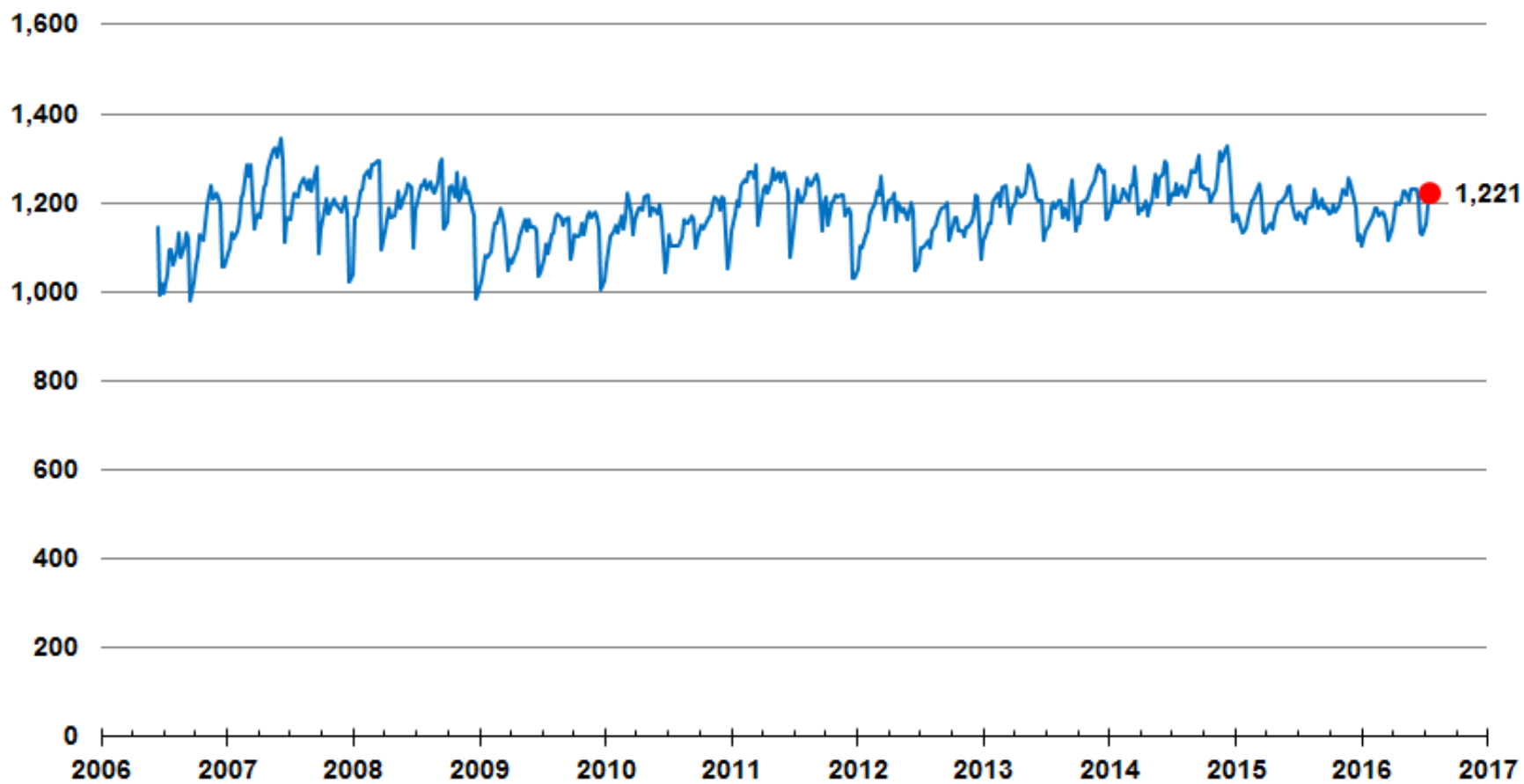


*The CFTC defines large open interest holders as having at least 400 open contracts in Major Foreign Currency futures and at least 100 open contracts in Other Foreign Currency futures.

Equity Index Futures – Large Open Interest Holders

CME Group Equity Index Futures
Aggregate Number of Large Open Interest Holders*

Source: CFTC



New Product Innovation Continues – 2016TD Highlights

Financials

Ultra 10-Year U.S. Treasury Note futures

- Most successful new product

Interest Rate Swaption Clearing - April

- First clearing house to deliver this offering / Capital efficient clearing solution that may transform the interest rate swap landscape

E-mini IPOX U.S. Index futures launched March 7

- Allows traders to capture the return dynamics of U.S. initial public offerings (IPOs) and corporate spin-offs, thereby providing the opportunity to trade on growth and innovation in the U.S. IPO market

In 2015, announced licensing deal with FTSE Russell Indexes

- Launched several products since announcement; Russell 2000 futures available in 3Q17

S&P 500 Annual/Quarterly Dividend Index Futures and Basis Trade Index at Close (BTIC) – late 2015

CME Bloomberg Dollar Spot Index futures - April

- Tracks performance of basket of 10 developed and emerging market currencies vs. the U.S. dollar

Bitcoin Reference Rate and Real-Time Index

- Collaborating with Crypto Facilities Ltd., a digital assets trading platform, to develop new products planned to launch in 4Q16

S&P 500 total Return Index Futures / S&P Carry Adjusted Total Return Index Futures

- Mimic economics of total return swap in futures form / helps end customers avoid higher costs from new swap margin rules

Commodities

Expanded suite of Palm Oil risk management products

- Driven by customer demand, additional futures contracts launched in July to complement traditional OTC positions

Physically delivered European Union Wheat futures and options

- Customers and industry participants wanting risk management tools that better reflect physical storage practices in the EU

WTI Houston Crude Oil futures

- Result of greater demand for Gulf Coast products following the lifting of the crude oil export ban, increased market volatility and infrastructure changes

LNG DES Japan (Rim) futures

- Made available in Feb16 for trading through Japan OTC Exchange and other OTC brokers, and for submission to CME Clearing through CME ClearPort

Aluminum A380 Alloy (S&P Global Platts) futures / Aluminum Japan Premium (Platts) futures / Aluminum European Premium Duty-Paid (Metal Bulletin) futures

- Compliment other existing contracts and will enable a broader and more diverse set of our customers to hedge their exposure

CME Group/Thomson Reuters enhancing LBMA Silver Price Benchmark