



Agenda

Strategic Review

Edward Tilly

Chief Executive Officer

Financial Review

Alan Dean

Executive Vice President, CFO and Treasurer

Questions and Answers

Edward Tilly

Alan Dean

Edward Provost

President and Chief Operating Officer

John Deters

Chief Strategy Officer and Head of Corporate Initiatives



Forward-Looking Statements

This presentation may contain forward-looking statements, within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are those statements that reflect our expectations, assumptions or projections about the future and involve a number of risks and uncertainties. These statements are only predictions based on our current expectations and projections about future events. We undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. There are important factors that could cause actual results, level of activity, performance or achievements to differ materially from that expressed or implied by the forward-looking statements, including: the loss of our right to exclusively list and trade certain index options and futures products; increasing price competition in our industry; compliance with legal and regulatory obligations and obligations under agreements with regulatory agencies; decreases in trading volumes or a shift in the mix of products traded on our exchanges; our ability to accommodate trading volume and transaction traffic, including significant increases, without failure or degradation of performance of our systems; our ability to meet our compliance obligations, including managing potential conflicts between our regulatory responsibilities and our for-profit status; the accuracy of our estimates and expectations; legislative or regulatory changes; increasing competition by foreign and domestic entities; our index providers' ability to perform under our agreements; our ability to operate our business without violating the intellectual property rights of others and the costs associated with protecting our intellectual property rights; our ability to maintain access fee revenues; our ability to protect our systems and communication networks from security risks, including cyber-attacks; economic, political and market conditions; our ability to attract and retain skilled management and other personnel; our ability to manage our growth effectively; our dependence on third party service providers; and the ability of our compliance and risk management methods to effectively monitor and manage our risks.

More detailed information about factors that may affect our performance may be found in our filings with the U.S. Securities and Exchange Commission, including in our Annual Report on Form 10-K for the year ended December 31, 2014 and other filings made from time to time with the SEC.

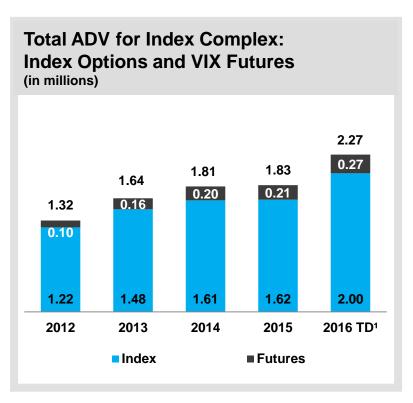
Strategic Review Edward Tilly CEO



2015 Marks Fifth Consecutive Year of Record Financial Results for CBOE

Expanded our premium products and global customer reach, while forming new alliances to complement our core strengths and diversify product offering

- Posted record ADV in index complex in 2015
 - Lead by record trading in SPX options and VIX futures
- CBOE continues to lead the industry in all options trading



¹Through January 31, 2016



Translating our Mission and Strategic Initiatives into Value

Our mission is to be the market leader in providing innovative products that facilitate and enhance trading in a global marketplace

Strategic Initiatives

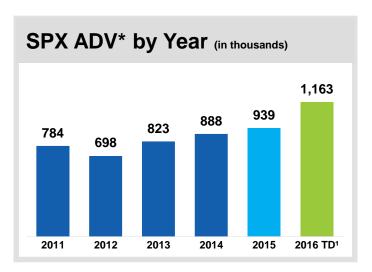
- Develop unique products
- Expand our customer base globally
- Form alliances that leverage and complement our core business
- Define and lead the options and volatility space globally

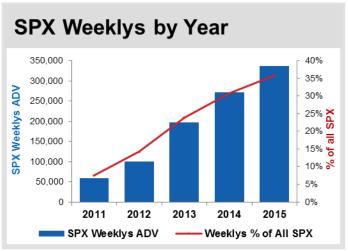


Further Developing Current Products to Grow Index Product Line

S&P 500 Index (SPX) options, the most actively traded U.S. index option

- > SPX ADV up 6% year over year in 2015
 - January ADV up 19% over January 2015
- SPX Weeklys ADV up 24% year over year
 - Attracted retail investors to largely institutional SPX marketplace
- Plan to introduce SPX Weeklys with Wednesday Expirations
 - "Wednesday Weeklys" will increase opportunities to trade SPX





^{*}Includes SPX Weeklys

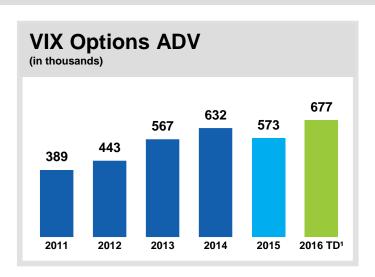
¹Through January 31, 2016

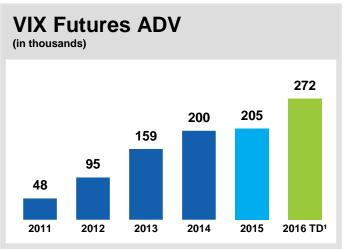


Further Developing Current Products to Grow Index Product Line

CBOE Volatility Index (VIX) futures and options anchor volatility products

- Most of 2015 was marked by historically low levels of volatility, punctuated by volatility spikes in 3Q
- VIX options ADV was down 9% from last year's record ADV
- > VIX futures ADV was up 2% over 2014
 - Sixth consecutive record
- January ADV for VIX options and futures up 34% and 19%, respectively





¹Through January 31, 2016

Leveraging VIX Methodology to Create New Products and Grow Index Product Line

VIX Weeklys expand array of trading strategies and opportunities to trade volatility

- Launched VIX Weeklys futures in July, options in October
- VIX Weeklys options averaged nearly 35,000 contracts per day in 2015
- Plan to begin overnight dissemination of "spot" VIX Index
 - Allows overseas investors to reference VIX during their regular trading hours

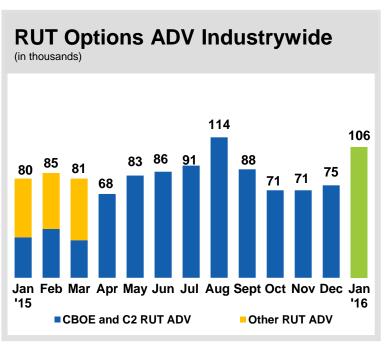




Leveraging Partnerships With Index Providers to Grow Index Product Line

Sole U. S. provider of major FTSE Russell Products, beginning with Russell 2000 Index (RUT) on April 1

- Focused on further developing RUT marketplace
- Launched Russell 1000 Growth and Value indexes in October
- FTSE 100 and FTSE China 50 indexes to launch next month





Source: OCC and CBOE



Forming Alliances that Leverage our Strengths

Teamed with London Stock Exchange Group (LSEG) and major dealer banks to form CurveGlobal, a new interest rate derivatives platform

- Products will trade on the LSE Derivatives Market and clear through LCH.Clearnet
- Expected to provide more product choices, increased trading efficiencies and reduced transition costs
- CBOE plans to develop products suited for this venue and introduce the platform to our U.S. customer base
- Planned to launch in 2Q16





Forming Alliances to Develop New Products and Markets

Teamed with Environmental Financial Products (EFP) to launch American Financial Exchange (AFX), an interbank lending exchange

- AFX is an electronic marketplace for small and mid-sized banks to lend and borrow short-term funds
- CBOE hosts and operates the AFX trading platform and also supports surveillance and membership services
- Total value of \$326 million transacted in January, the first full month of trading
- In 2016, AFX plans to launch a 30-day unsecured loan product and a new transaction-based interest rate benchmark, Ameribor





Expanding Our Global Customer Base

Expanding outreach and investor education around the world

- Launched the first extension of CBOE's Options Institute with Singapore Exchange (SGX) in December
- In 2015, expanded CBOE Risk Management Conference (RMC) to include Asia
 - First RMC Asia held in Hong Kong in December
- In 2016, CBOE plans to establish its first international business development outpost with the opening of an office in London







Expanding Options and Volatility Trading

CBOE made a majority equity investment in Vest Financial (VEST), an investment advisor that provides options-centric products

- Vest through its subsidiaries provides:
 - Options-based investment advisory services through packaged products
 - Develops technology solutions for options-based investments
- Vest allows for enhanced integration of CBOE's proprietary products, strategy indexes and options expertise with Vest's platform
 - Substantially reduces the complexity of options trading
 - Provides investors with targeted protection, enhanced returns, and a level of predictability unattainable with most other investments





Focused on Advancing our Strategic Growth Initiatives

Excited About Opportunities for 2016 and Beyond

Strategic Initiatives

- Develop unique products
- Expand our customer base globally
- Form alliances that leverage and complement our core business
- Define and lead the options and volatility space globally

Financial Review
Alan Dean
EVP, CFO and Treasurer



4Q15 Financial Overview

Adjusted Basis¹ (in millions, except EPS and RPC)	4Q15	4Q14	\$ Change	% Change
Adjusted Operating Revenues	\$154.0	\$166.5	\$(12.5)	-8%
Adjusted Operating Expenses	80.1	77.7	2.4	3%
Adjusted Operating Income	\$ 73.9	\$ 88.8	\$(14.9)	-17%
Adjusted Operating Margin %	48.0%	53.4%		-540 bps
Adjusted Net Income Allocated to Common Stockholders	\$ 48.9	\$ 53.6	\$ (4.7)	-9%
Adjusted Diluted EPS	\$ 0.59	\$ 0.64	\$(0.05)	-8%
Total ADV	4.25	5.64		-25%
Revenue per Contract	\$0.408	\$0.340	\$0.068	20%

¹Adjusted to reflect the impact of certain items. See Appendix for "Non-GAAP Information."



Operating Revenue Down On Lower Trading Volume

Key drivers:

- Transaction fees down \$11.9MM
 - 25% decrease in trading volume
 - 20% increase in RPC
 - Shift in product mix
 - Lower volume discounts and incentives

Adjusted Operating Revenue¹ (in millions)	4Q15	4Q14	% Chg
Transaction fees	\$110.8	\$122.7	-10%
Access fees	13.2	14.5	-9%
Exchange services and other fees	11.8	9.4	25%
Market data fees	7.3	7.7	-5%
Regulatory fees ²	8.2	8.6	-5%
Other revenue	2.7	3.6	-25%
Total Adjusted Operating Revenue	\$154.0	\$166.5	-8%

¹Adjusted to reflect the impact of certain items. See Appendix for "Non-GAAP Information."

²Regulatory fees can only be used to cover expenses for the company's regulatory functions

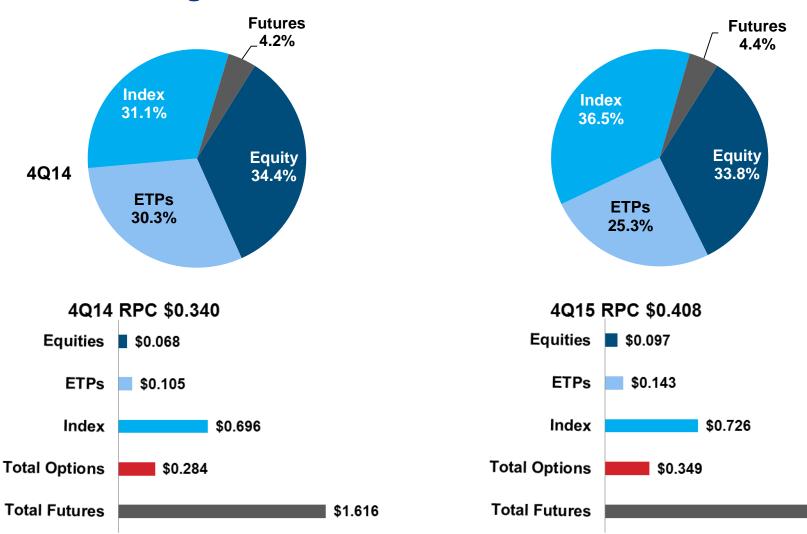


\$1.686

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RPC Increase Primarily Reflects Mix Shift and Lower Volume Discounts

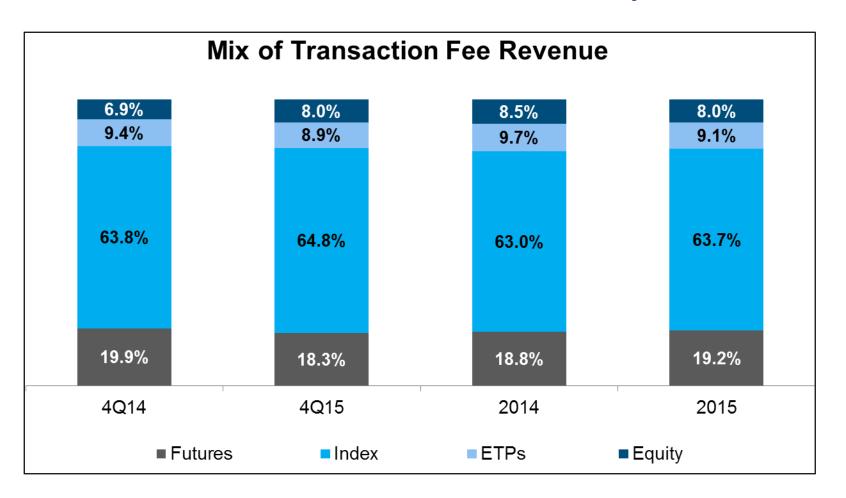
Trading volume mix and RPC 4Q14 versus 4Q15



Proprietary Products Account for Growing CEOE HOLDINGS Percentage of Transaction Fee Revenue



Index options and futures contracts accounted for 83.1% of transaction fees in 4Q15 and 82.9% for full-year 2015





Other Revenue Drivers

- Access fees down \$1.3MM
 - Decrease in trading permits
- Exchange services up \$2.4MM
 - Higher revenue from systems services and Livevol

Adjusted Operating Revenue ¹ (in millions)	4Q15	% Chg	
Transaction fees	\$110.8	\$122.7	-10%
Access fees	13.2	14.5	-9%
Exchange services and other fees	11.8	9.4	25%
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Other revenue	2.7	3.6	-25%
Total Adjusted Operating Revenue	\$154.0	\$166.5	-8%

¹Adjusted to reflect the impact of certain items. See Appendix for "Non-GAAP Information."



Ongoing Focus on Expense Management

Key drivers:

- Professional fees and outside services up \$4.4MM
- Depreciation and amortization up \$1.1MM
- Royalty fees down \$1.5MM
- Compensation and benefits down \$0.7MM

Adjusted Operating Expenses ¹ (in millions)	4Q15	4Q14	% Chg
Compensation and benefits	\$26.8	\$27.5	-2%
Depreciation and amortization	12.2	11.1	10%
Technology support services	5.2	4.9	6%
Professional fees and outside services	12.9	8.5	52%
Royalty fees	17.8	19.3	-8%
Order routing	0.3	0.9	-66%
Travel and promotional	2.5	2.7	-7%
Facilities costs	1.4	1.4	
Other expenses	0.9	1.4	-36%
Total Adjusted Operating Expenses	\$80.1	\$77.7	3%

¹Adjusted to reflect the impact of certain items. See appendix for "Non-GAAP Information." May not foot due to rounding.

Core Operating Expenses Up 7% in 4Q15 vs 4Q14

Key drivers:

- Professional fees and outside services up \$4.4MM
 - Outsourcing of certain regulatory services
- Compensations and benefits down \$0.7MM
 - Lower salaries resulting from a decline in staffing

Core Operating Expenses ¹ (in millions)	4Q15	4Q14	% Chg
Compensation and benefits	\$26.8	\$27.5	-2%
Technology support services	5.2	4.9	5%
Professional fees and outside services	12.9	8.5	52%
Travel and promotional	2.5	2.7	-7%
Facilities costs	1.4	1.4	-
Other expenses	0.9	1.4	-36%
Total Adjusted Core Operating Expenses	\$49.7	\$46.5	7%

¹Adjusted to reflect the impact of certain items. See appendix for "Non-GAAP Information." May not foot due to rounding.



Volume-Based Expenses

Royalty fees down \$1.5MM

- Lower trading volume in licensed products in 4Q15 versus 4Q14
 - Index options volume down 12%
 - VIX futures volume down 20%

Order routing down \$0.6MM

- Lower trading volume in multiply-listed options
 - Equities and exchange-traded products volume down 31%

Volume-Based Expenses (in millions)	4Q15	4Q14	% Chg
Royalty fees	\$ 17.8	\$ 19.3	-8%
Order routing	0.3	0.9	-66%
Total	\$ 18.1	\$ 20.2	-10%



Fourth Quarter and Full-Year Effective Tax Rate

4Q15 GAAP and adjusted effective tax rate

- Decrease in effective tax rate for 2015 primarily resulted from the preferential tax treatment of dividend income recognized in the fourth quarter of 2015
- 4Q14's adjusted effective tax rate excluded benefit from the change in assessments of uncertain tax positions related to prior periods

Effective tax rate	4Q15	4Q14	Year 2015	Year 2014
GAAP	36.7%	41.2%	36.7%	38.7%
Adjusted ¹	36.7%	39.4%	38.0%	38.2%

¹Adjusted to reflect the impact of certain items. See Appendix for "Non-GAAP Information."

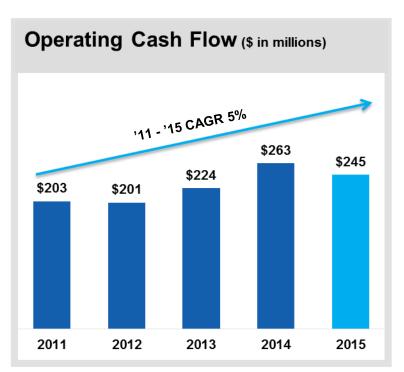


Enhancing Shareholder Value

Strong cash flow generation and disciplined approach to managing cash

- Generated \$245MM in operating cash flow
- Capital outlays for 2015 include:
 - \$73 million to pay dividends
 - \$135 million to repurchase shares¹
 - \$39 million in capital expenditures
- > \$102MM of cash at Dec. 31, 2015
- \$57MM remaining on share repurchase authorizations at Dec. 31, 2015



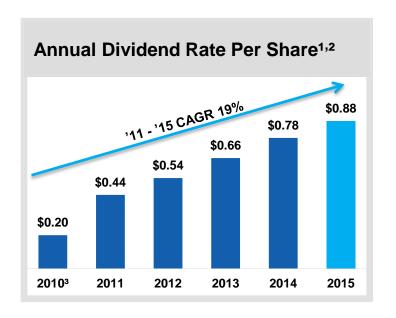


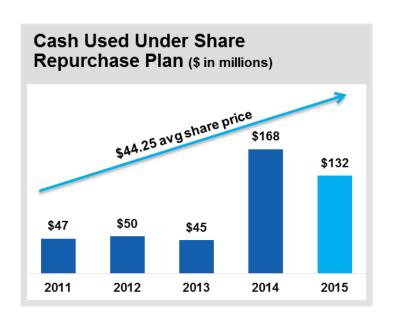


Committed to Returning Capital to Shareholders

Capital allocation philosophy

- Reinvest in our business to fund growth
- Sustainable dividends and steady growth
- Opportunistic share repurchases





¹Excludes special dividends

²Starting in 2016, dividend declarations may not align with quarterly earnings announcements due to the timing of Board actions

³Dividends paid for last two quarters of the year, post IPO



2016 Full-Year Guidance

As of February 3, 2016 (\$ in millions)	2016 Full-Year Guidance	2015 Actual
Core operating expenses	\$211 to \$215	\$195
Continuing stock-based compensation ¹	\$13.5	\$12
Depreciation and amortization	\$46 to \$48	\$46
Capital expenditures	\$47 to \$49	\$39
Effective tax rate	38.5% to 39.5%	38.0%²

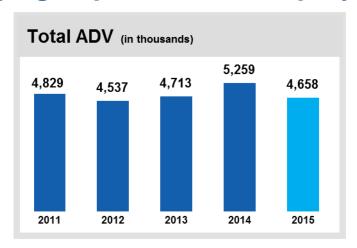
¹Stock-based compensation expense is included in employee costs

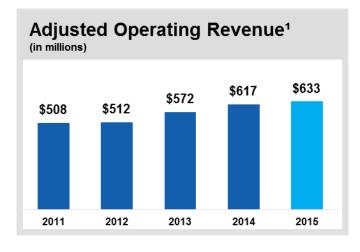
²Presented on a non-GAAP basis for comparison purposes

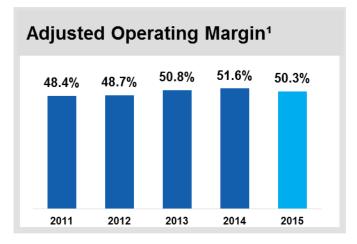


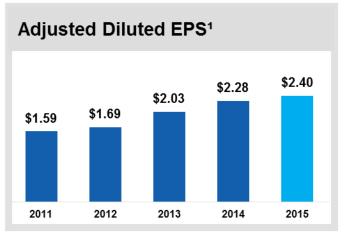
Strong Track Record of Organic Growth

Focused on executing strategic initiatives while effectively managing expenses and deploying capital









'Adjusted to reflect the impact of certain items. See appendix for "Non-GAAP Information."

Questions & Answers

Appendix Materials



2015 Financial Overview

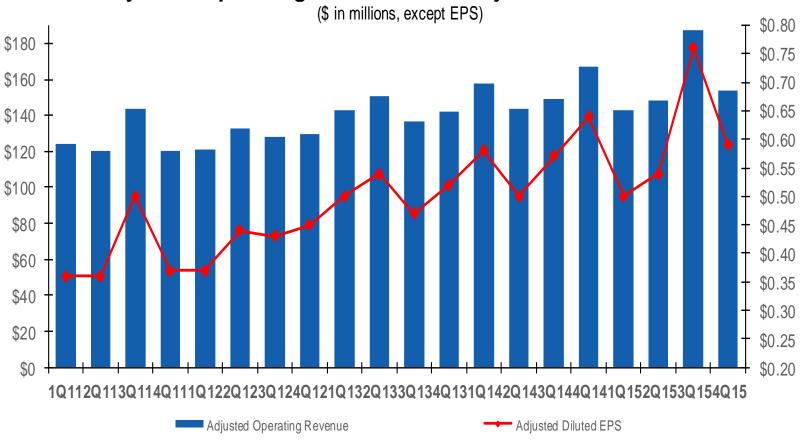
Adjusted Basis¹ (in millions, except EPS and RPC)	2015	2014	\$ Change	% Change
Adjusted Operating Revenues	\$632.5	\$617.2	\$ 15.3	2%
Adjusted Operating Expenses	314.6	299.0	15.6	5%
Adjusted Operating Income	\$317.9	\$318.2	\$ (0.3)	
Operating Margin %	50.3%	51.6%		-130 bps
Adjusted Net Income Allocated to Common Stockholders	\$198.9	\$194.5	\$ 4.4	2%
Adjusted Diluted EPS	\$ 2.40	\$ 2.28	\$ 0.12	5%
Total ADV	4.66	5.26		-11%
Revenue per Contract	\$0.388	\$0.330	\$0.058	18%

¹Adjusted to reflect the impact of certain items. See Appendix for "Non-GAAP Information."



Optimistic About Long-Term Growth Prospects

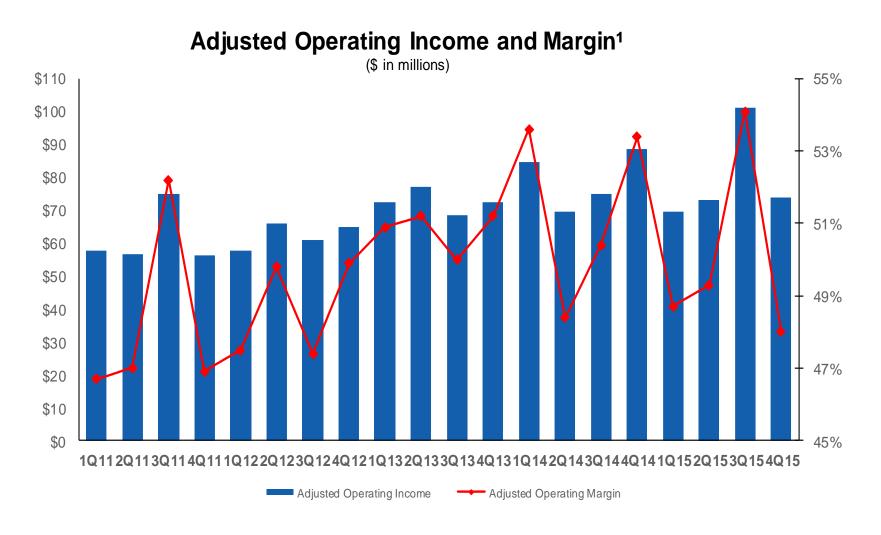




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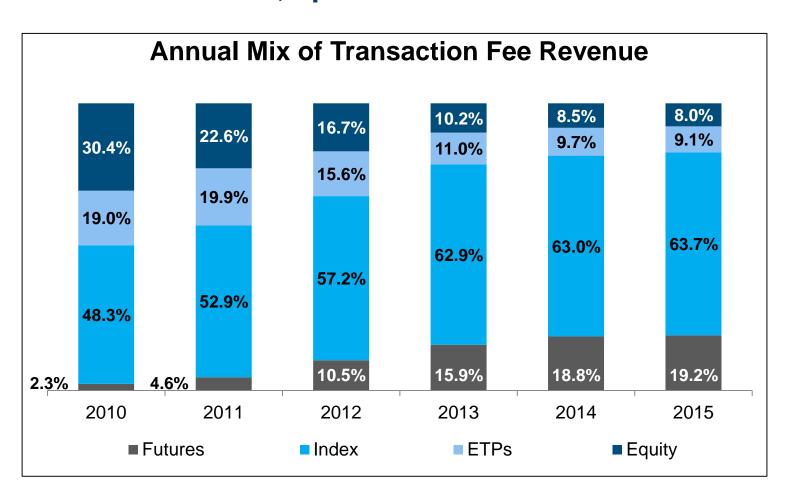
Well Positioned to Gain Additional Leverage



¹Adjusted to reflect the impact of certain items. See Appendix for "Non-GAAP Information."

Proprietary Products Account for Growing CEOE HOLDINGS Percentage of Transaction Fee Revenue

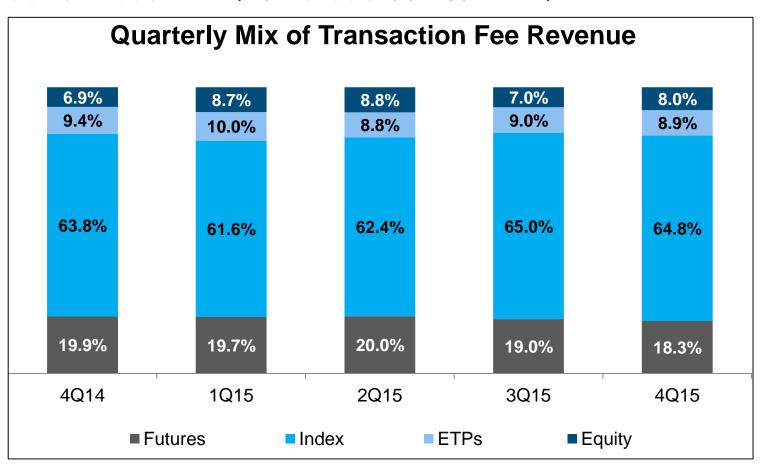
Index options and futures contracts account for 82.9% of transaction fees in 2015, up from 50.6% in 2010



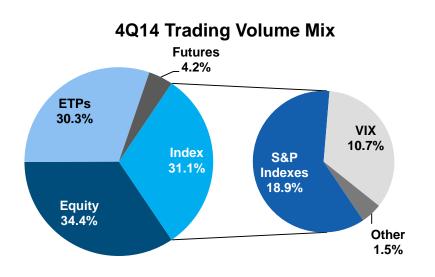
Proprietary Products Account for Growing CBOE HOLDINGS Percentage of Transaction Fee Revenue

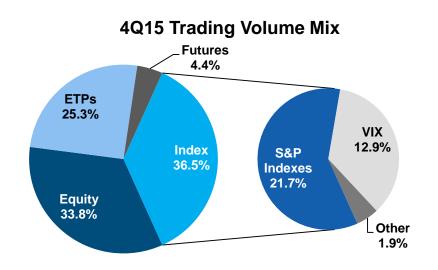


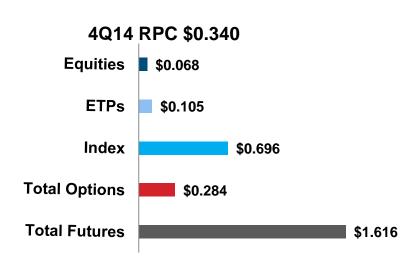
Index options and futures contracts accounted for 82.1% of transaction fees in 4Q15 versus 83.7% in 4Q14

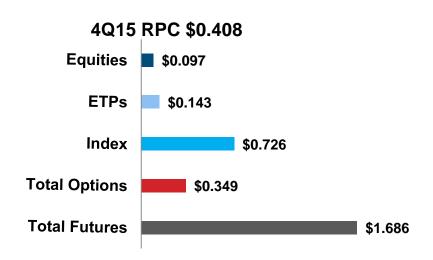


Increase in Rate Per Contract (RPC) Primarily CBOE HOLDINGS Reflects Favorable Shift in Mix of Products Traded









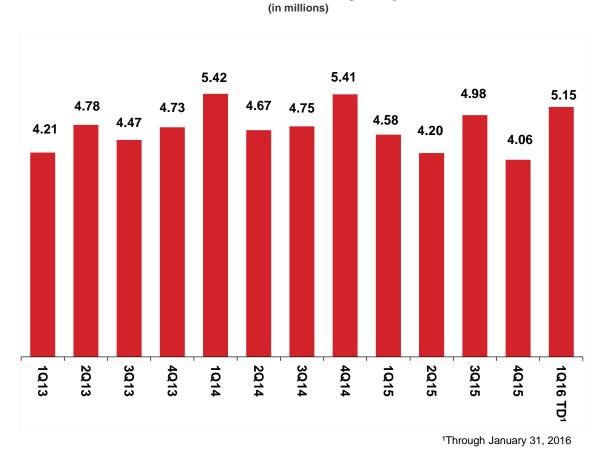


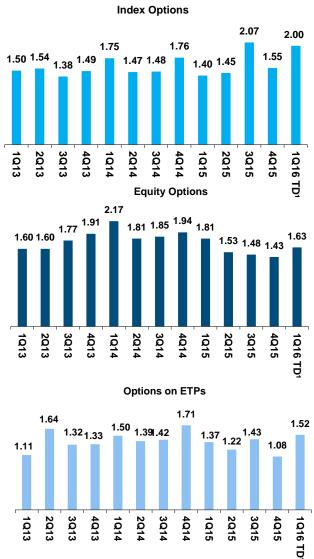
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Quarterly Options ADV

CBOE HOLDINGS

CBOE and **C2** Quarterly Options ADV







CBOE Holdings Rolling 3-Month RPC

2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Equities	\$0.069	\$0.070	\$0.077	\$0.077	\$0.087	\$0.093	\$0.098	\$0.104	\$0.106	\$0.105	\$0.098	\$0.097
Indexes	0.702	0.704	0.712	0.707	0.701	0.697	0.702	0.703	0.709	0.706	0.718	0.726
Exchange-traded products	0.111	0.115	0.118	0.115	0.114	0.117	0.123	0.133	0.143	0.146	0.144	0.143
Total options RPC	0.279	0.283	0.284	0.280	0.290	0.308	0.328	0.352	0.368	0.370	0.357	0.349
Futures	1.647	1.649	1.705	1.762	1.775	1.758	1.712	1.661	1.647	1.662	1.686	1.686
Total RPC	\$0.333	\$0.340	\$0.340	\$0.336	\$0.348	\$0.368	\$0.391	\$0.416	\$0.431	\$0.432	\$0.417	\$0.408

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Equities	\$0.079	\$0.079	\$0.081	\$0.082	\$0.081	\$0.079	\$0.074	\$0.076	\$0.077	\$0.078	\$0.074	\$0.068
Indexes	0.664	0.667	0.669	0.674	0.674	0.670	0.671	0.677	0.680	0.690	0.692	0.696
Exchange-traded products	0.124	0.119	0.117	0.113	0.113	0.111	0.112	0.114	0.115	0.112	0.107	0.105
Total options RPC	0.273	0.281	0.281	0.277	0.275	0.275	0.275	0.281	0.275	0.288	0.279	0.284
Futures	1.602	1.614	1.617	1.610	1.616	1.639	1.651	1.631	1.625	1.598	1.628	1.616
Total RPC	\$0.317	\$0.329	\$0.329	\$0.325	\$0.321	\$0.322	\$0.324	\$0.336	\$0.329	\$0.344	\$0.331	\$0.340

2013	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Equities	\$0.149	\$0.153	\$0.140	\$0.114	\$0.094	\$0.090	\$0.082	\$0.081	\$0.077	\$0.076	\$0.076	\$0.075
Indexes	0.665	0.670	0.671	0.679	0.674	0.675	0.670	0.671	0.669	0.666	0.666	0.666
Exchange-traded products	0.194	0.181	0.155	0.127	0.119	0.119	0.121	0.122	0.123	0.124	0.126	0.125
Total options RPC	0.340	0.341	0.333	0.308	0.295	0.289	0.282	0.278	0.273	0.278	0.275	0.275
Futures	1.484	1.560	1.618	1.598	1.594	1.544	1.544	1.533	1.559	1.548	1.556	1.565
Total RPC	\$0.376	\$0.382	\$0.378	\$0.357	\$0.341	\$0.334	\$0.324	\$0.321	\$0.315	\$0.320	\$0.315	\$0.316

2012	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Equities	\$0.151	\$0.128	\$0.110	\$0.112	\$0.117	\$0.123	\$0.124	\$0.122	\$0.118	\$0.121	\$0.124	\$0.134
Indexes	0.640	0.651	0.658	0.667	0.673	0.677	0.680	0.684	0.682	0.675	0.670	0.670
Exchange-traded products	0.206	0.188	0.171	0.172	0.176	0.180	0.177	0.177	0.177	0.180	0.183	0.186
Total options RPC	0.297	0.275	0.261	0.267	0.279	0.288	0.289	0.286	0.287	0.294	0.309	0.322
Futures	1.474	1.610	1.697	1.655	1.650	1.607	1.598	1.626	1.606	1.573	1.473	1.442
Total RPC	\$0.308	\$0.289	\$0.280	\$0.290	\$0.304	\$0.314	\$0.316	\$0.315	\$0.317	\$0.326	\$0.342	\$0.355



Quarterly Core Operating Expenses¹

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(\$ in thousands)										
	4Q 2015	% rev	3Q 2015	% rev	2Q 2015	% rev	1Q 2015	% rev	4Q 2014	% rev
Total Operating Expenses	\$80,052	52%	\$85,925	43%	\$75,355	51%	\$73,286	51%	\$79,525	48%
Less:										
Depreciation and amortization	12,202	8%	12,394	7%	11,275	8%	10,402	7%	11,053	7%
Severance expense	-	-	-	-	-	-	-	-	1,863	1%
Volume-based expenses:										
Royalty fees	17,830	12%	21,840	10%	16,755	11%	14,150	10%	19,266	12%
Order routing	299	0%	581	-	627	0%	787	1%	874	1%
Core Operating Expenses (non-GAAP)1:	\$49,721	32%	\$51,110	27%	\$46,698	31%	\$47,947	34%	\$46,469	28%
Less: Continuing stock-based compensation	3,194	2%	3,185	2%	3,147	2%	2,655	2%	2,098	1%
Core Operating Expenses excluding continuing stock-										
based compensation (non-GAAP)1:	\$46,527	30%	\$47,925	25%	\$43,551	29%	\$45,292	32%	\$44,371	27%
Core Operating Expense Detail:										
Compensation and benefits	\$26,768	17%	\$29,583	14%	\$24,136	16%	\$25,439	18%	\$27,493	17%
Technology support services	5,182	3%	5,342	3%	4,813	3%	5,325	4%	4,915	3%
Profession fees and outside services	12,897	8%	12,619	7%	12,594	8%	11,950	8%	8,539	5%
Travel and promotional expenses	2,548	2%	1,407	1%	2,526	2%	2,501	2%	2,727	2%
Facilities costs	1,446	1%	874	-	1,293	1%	1,384	1%	1,445	1%
Other expenses	880	1%	1,285	0%	1,336	1%	1,348	1%	1,350	1%
Total	\$49,721	32%	\$51,110	27%	\$46,698	31%	\$47,947	34%	\$46,469	28%
Number of full-time employees at quarter end	564		553		532		528		520	

¹Please see our disclaimer regarding non-GAAP financial measures.

May not foot due to rounding



Annual Core Operating Expenses¹

(\$ in thousands)

(\$ in thousands)										
	2015	% rev	2014	% rev	2013	% rev	2012	% rev	2011	% rev
Total Operating Expenses	\$314,617	50%	\$303,424	51%	\$286,236	50%	\$268,241	52%	\$266,512	52%
Less:										
Depreciation and amortization	46,274	7%	39,913	7%	34,488	6%	31,485	6%	34,094	7%
Accelerated stock-based compensation	-	-	2,530	-	3,996	1%	343	-	453	-
Severance	-	-	1,863	-	-	-	-	-	3,709	1%
Estimated liability/expense related to SEC investigation	-	-	-	-	1,000	-	5,000	1%	-	-
Volume-based expenses:										
Royalty fees	70,574	11%	66,110	11%	56,576	10%	46,135	9%	47,822	9%
Order routing	2,293	0%	4,080	0%	4,355	1%	6,275	1%	14,239	3%
Core Operating Expenses (non-GAAP) ¹ :	\$195,476	31%	\$188,928	32%	\$185,821	32%	\$179,003	35%	\$166,195	33%
Less: Continuing stock-based compensation	12,181	2%	13,047	2%	16,828	3%	12,005	2%	12,166	2%
Core Operating Expenses excluding continuing stock-										
based compensation (non-GAAP)1:	\$183,295	29%	\$175,881	30%	\$168,993	30%	\$166,998	33%	\$154,029	30%
Core Operating Expense Detail:										
Compensation and benefits	\$105,925	17%	\$117,341	17%	\$114,087	20%	\$103,853	20%	\$100,292	20%
Technology support services	20,662	3%	19,189		17,898		19,603		17,933	4%
Professional fees and outside services	50,060		31,976		34,473		36,300		27,310	
Travel and promotion expenses	8,982	1%	9,046	1%	9,806	2%	10,006		9,812	2%
Facilities costs	4,998		5,721	1%	5,053	1%	5,066		5,400	19
Other expenses	4,849		5,655	1%	4,504	1%	4,175		5,448	19
Total	\$195,476	31%	\$188,928		\$185,821	32%	\$179,003		\$166,195	33%
Number of Full Time Employees at year end	564		520		650		605		596	

¹Please see our disclaimer regarding non-GAAP financial measures.

May not foot due to rounding

CBOE HOLDINGS 4'

GAAP to Non-GAAP ReconciliationFor 2010 and 2011



GAAP to Non-GAAP Reconciliation

(in thousands, except per share amounts)

		3Q10	4Q10	1Q11	2Q11	3Q11		4Q11	FY2010	FY2011
Reconciliation of GAAP Net Income Allocated to Common Stockholder to N	on-G/	AAP								
GAAP net income allocated to common stockholders	\$	20,020	\$ 30,687	\$ 32,089	\$ 32,609	\$ 40,597	\$	31,287	\$ 98,166	\$ 136,582
Less: Recognition of prior-period revenue			(4,406)						(4,406)	
Add: Accelerated stock-based compensation		10,965	2,004	340	113				12,968	453
Add: Severance expense pursuant to an executive employment agreement								3,709		3,709
Add: Impairment change			1,620	460					1,620	460
Income tax benefit/(expense) related to the items above		(4,461)	291	(337)	(46)			(1,478)	(4,034)	(1,861)
Add: Income tax provision adjustment						4,223		(322)		3,901
Net income allocated to participating securities - effect on reconciling items		(144)	11	(11)	(2)	(75)		(32)	(76)	(109)
Adjusted net income allocated to common stockholders	\$	26,380	\$ 30,207	\$ 32,540	\$ 32,674	\$ 44,745	\$	33,164	\$ 104,238	\$ 143,134
Reconciliation of GAAP Diluted EPS to Non-GAAP										
GAAP diluted earnings per common share	\$	0.20	\$ 0.31	\$ 0.36	\$ 0.36	\$ 0.45	\$	0.35	\$ 1.03	\$ 1.52
Per share impact of items above		0.06				0.05		0.02	0.06	0.07
Non-GAAP diluted earnings per common share	\$	0.26	\$ 0.31	\$ 0.36	\$ 0.36	\$ 0.50	\$	0.37	\$ 1.09	\$ 1.59
Reconciliation of GAAP Operating Margin to Non-GAAP										
GAAP operating revenue	\$	106,015	\$ 117,391	\$ 124,042	\$ 120,290	\$ 143,604	\$	120,208	\$ 437,104	\$ 508,144
Non-GAAP adjustments noted above			(4,406)						(4,406)	
Adjusted operating revenue	\$	106,015	\$ 112,985	\$ 124,042	\$ 120,290	\$ 143,604	\$	120,208	\$ 432,698	\$ 508,144
GAAP operating income	\$	34,933	\$ 51,854	\$ 57,535	\$ 56,452	\$ 74,966	\$	52,679	\$ 167,341	\$ 241,632
Non-GAAP adjustments noted above		10,965	(2,402)	340	113	-		3,709	8,562	4,162
Adjusted operating income	\$	45,898	\$ 49,452	\$ 57,875	\$ 56,565	\$ 74,966	\$	56,388	\$ 175,903	\$ 245,794
Adjusted operating margin		43.3%	43.8%	46.7%	47.0%	52.2%	,	46.9%	40.7%	48.4%

For further information go to cboe.com/Investor Relations

May not foot due to rounding and/or change in shares outstanding

CBOE HOLDINGS 4:



GAAP to Non-GAAP ReconciliationFor 2012 and 2013

GAAP to Non-GAAP Reconciliation

(in thousands, except per share amounts)

		1Q12 2Q12		3Q12	3Q12 4Q12			FY2012		1Q13		2Q13		3Q13	4Q13			FY2013		
Reconciliation of GAAP Net Income Allocated to Common Stockholde	r to N	on-GAAP																		
GAAP net income allocated to common stockholders	\$	32,863	\$	37,903	\$	45,243	\$	39,246	\$	155,254	\$	41,789	\$	45,477	\$	40,955	\$	45,649	\$	173,863
Add: Accelerated stock-based compensation		194						149		343		3,180		816						3,996
Add: Estimated liability related to SEC investigation								5,000		5,000				1,000						1,000
Add: Impairment charge												245								245
Income tax benefit/(expense) related to the items above		(80)						(63)		(139)		(1,311)		(313)						(1,611)
Add: Income tax provision adjustment						(7,654)		(5,415)		(13,054)										
Net income allocated to participating securities - effect on reconciling																				
items		(2)				86		4		106		(29)		(22)						(46)
Adjusted net income allocated to common stockholders	\$	32,975	\$	37,903	\$	37,675	\$	38,921	\$	147,510	\$	43,874	\$	46,958	\$	40,955	\$	45,649	\$	177,447
Reconciliation of GAAP Diluted EPS to Non-GAAP GAAP diluted earnings per common share Per share impact of items above	\$	0.37	\$	0.44	\$	0.52 (0.09)		0.45	\$	1.78 (0.09)	\$	0.48 0.02	\$	0.52 0.02	\$	0.47	\$	0.52	\$	1.99 0.04
Non-GAAP diluted earnings per common share	\$	0.37	\$	0.44	\$	0.43	\$	0.45	\$	1.69	\$	0.50	\$	0.54	\$	0.47	\$	0.52	\$	2.03
Reconciliation of GAAP Operating Margin to Non-GAAP GAAP operating revenue	\$	121,392	\$	132,549	\$	128,319	\$	130,077	\$	512,338	\$	142,705	\$	150,772	\$	136,743	\$	141,830	\$	572,050
Non-GAAP adjustments noted above	_		_		_		_		_		_		_		_		_		_	
Adjusted operating revenue	- \$	121,392	\$	132,549	\$	128,319	_	130,077	-	512,338	_	142,705	\$	150,772	_		_	141,830		572,050
GAAP operating income	\$	57,415	\$	66,069	\$	60,861	\$	59,752	\$	244,097	\$	69,430	\$	75,358	\$	68,427	\$	72,599	\$	285,814
Non-GAAP adjustments noted above		194						5,149		5,343		3,180		1,816					\$	4,996
Adjusted operating income	\$	57,609	\$	66,069	\$	60,861	\$	64,901	\$	249,440	\$	72,610	\$	77,174	\$	68,427	\$	72,599	\$	290,810
Adjusted operating margin		47.5%		49.8%)	47.4%	Ď	49.9%	,	48.7%		50.9%	,	51.2%)	50.0%		51.2%	,	50.8%

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May not foot due to rounding and/or change in shares outstanding

GAAP to Non-GAAP Reconciliation For 2014 and 2015



GAAP to Non-GAAP Reconciliation

(in thousands, except per share amounts)

		1Q14		2Q14	3Q14	4Q14		FY2014		1Q15	2Q15		3Q15		4Q15	FY2015
Reconciliation of GAAP Net Income Allocated to Common Stockholder to	o No	n-GAAP														
GAAP net income allocated to common stockholders	\$	48,528	\$	42,598	\$ 48,146	\$ 49,119	\$	188,392	\$	42,079	\$ 44,646	\$	67,219	\$	50,180	204,125
Less: Revenue recognized from prior years														\$	(1,995)	(1,995)
Add: Accelerated stock-based compensation		2,530						2,530								-
Add: Sevance expense related to outsourcing certain regulatory services						1,863		1,863								-
Add: Impairment charge						3,000		3,000		364						364
Add: Tax adjustment related to prior year						1,600		1,600					(4,286)			(4,286)
Income tax benefit/(expense) related to the items above		(1,009)				(2,005)		(2,861)		(142)					732	620
Net income allocated to participating securities - effect on reconciling																
items		(15)			 	(20)		(43)		(3)			19		6	 26
Adjusted net income allocated to common stockholders	\$	50,034	\$	42,598	\$ 48,146	\$ 53,557	\$	194,481	\$	42,299	\$ 44,646	\$	62,952	\$	48,923	\$ 198,854
Reconciliation of GAAP Diluted EPS to Non-GAAP GAAP diluted earnings per common share Per share impact of items above	\$	0.56	\$	0.50	\$ 0.57	\$ 0.58 0.06	\$	2.21	\$	0.50	\$ 0.54	\$	0.81	\$	0.61	2.46
•	_		_		 		_	0.07	_		 	<u> </u>	(0.05)	<u> </u>	(0.02)	(0.06)
Non-GAAP diluted earnings per common share	\$	0.58	\$	0.50	\$ 0.57	\$ 0.64	\$	2.28	\$	0.50	\$ 0.54	\$	0.76	\$	0.59	\$ 2.40
Reconciliation of GAAP Operating Margin to Non-GAAP																
GAAP operating revenue	\$	157,885	\$	143,942	\$ 148,910	\$ 166,487	\$	617,225	\$	142,839	\$ 148,725	\$	187,035	\$	155,946	\$ 634,545
Non-GAAP adjustments noted above															(1,995)	(1,995)
Adjusted operating revenue	\$	157,885	\$	143,942	\$ 148,910	\$ 166,487	\$	617,225	\$	142,839	\$ 148,725	\$	187,035	\$	153,951	\$ 632,550
GAAP operating income	\$	82,038	\$	69,716	\$ 75,084	\$ 86,962	\$	313,801	\$	69,553	\$ 73,370	\$	101,110	\$	75,894	\$ 319,928
Non-GAAP adjustments noted above		2,530				1,863		4,393							(1,995)	(1,995)

Free Cash Flow Reconciliation

Adjusted operating income

Adjusted operating margin

Net cash flows provided by operating activities

Capital expenditures

Free Cash Flow

For further information go to cboe.com/Investor Relations

May not foot due to rounding and/or change in shares outstanding

\$ 245,278 (39,340) \$ 205,938

317,933

50.3%

CBOE HOLDINGS 44

75,084 \$

50.4%

88,825

53.4%

318,194

51.6%

69,553 \$

48.7%

73,370 \$

49.3%

101,110 \$

54.1%

73,899

48.0%

84,568 \$

53.6%

69,716 \$

48.4%



Non-GAAP Information

- In addition to disclosing results determined in accordance with GAAP, CBOE Holdings has disclosed certain non-GAAP measures of operating performance. These measures are not in accordance with, or a substitute for, GAAP, and may be different from or inconsistent with non-GAAP financial measures used by other companies. The non-GAAP measures provided in this presentation include core operating expenses, adjusted operating revenue, adjusted operating expenses, adjusted operating income, adjusted operating margin, adjusted effective tax rate, adjusted net income, adjusted net income allocated to common stockholders, adjusted diluted earnings per share and free cash flow.
- Management believes that the non-GAAP financial measures in this presentation, including adjusted net income and core operating expenses, provide useful and comparative information to assess trends in our core operations and a means to evaluate period-to-period comparisons. Non-GAAP financial measures disclosed by management, including adjusted diluted EPS, are provided as additional information to investors in order to provide them with an alternative method for assessing our financial condition and operating results.
- Core operating expenses is the company's operating expenses after excluding (i) volume-based expenses, (ii) depreciation and amortization expense, (iii) accelerated stock-based compensation expense and (iv) other unusual or one-time expenses.

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