### **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

#### FORM 8-K

#### **CURRENT REPORT** Pursuant to Section 13 OR 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): November 16, 2016

#### **CBRE GROUP, INC.**

(Exact name of registrant as specified in its charter)

001-32205

94-3391143

Delaware

hereunto duly authorized.

November 16, 2016

(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)
400 South Hope Street, 25th Floor, Los Ar (Address of Principal Executive C		<b>90071</b> (Zip Code)
	(213) 613-3333 Registrant's Telephone Number, Including Area Code	
(	<b>Not Applicable</b> Former Name or Former Address, if Changed Since Last Re	eport)
Check the appropriate box below if the Form 8-K filing	is intended to simultaneously satisfy the filing obligation of	f the registrant under any of the following provisions:
$\hfill\square$ Written communications pursuant to Rule 425 under	the Securities Act (17 CFR 230.425)	
☐ Soliciting material pursuant to Rule 14a-12 under the	e Exchange Act (17 CFR 240.14a-12(b))	
☐ Pre-commencement communications pursuant to Ru	le 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))	
☐ Pre-commencement communications pursuant to Ru	le 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))	
This Current Report on Form 8-K is filed by CBRE Gro  Item 7.01 Regulation FD Disclosure.	oup, Inc., a Delaware corporation (the "Company"), in conne	ection with the matters described herein.
this Current Report on Form 8-K. The information con	ng the month of November 2016. A copy of the presentation tained in this Exhibit shall not be deemed "filed" for purposence in any filing under the Securities Act of 1933, as amended.	es of Section 18 of the Securities Exchange Act of 1934, as
Item 9.01 Financial Statements and Exhibits.		
(d) Exhibits		
Exhibit No. 99.1 * CBRE Investor Presentation	Description	
* Furnished herewith.		
	Signature	

/s/ GIL BOROK

CBRE GROUP, INC.

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned

Gil Borok

Deputy Chief Financial Officer and Chief Accounting Officer



#### FORWARD-LOOKING STATEMENTS

This presentation contains statements that are forward looking within the meaning of the Private Securities Litigation Reform Act of 1995. These include statements regarding CBRE's future growth momentum, operations, market share, business outlook, and financial performance expectations. These statements are estimates only and actual results may ultimately differ from them. Except to the extent required by applicable securities laws, we undertake no obligation to update or publicly revise any of the forwardlooking statements that you may hear today. Please refer to our third quarter earnings report, furnished on Form 8-K, our most recent quarterly report filed on Form 10-Q, and our most recent annual report filed on Form 10-K, and in particular any discussion of risk factors or forward-looking statements therein, which are available on the SEC's website (www.sec.gov), for a full discussion of the risks and other factors that may impact any forward-looking statements that you may hear today. We may make certain statements during the course of this presentation, which include references to "non-GAAP financial measures," as defined by SEC regulations. Where required by these regulations, we have provided reconciliations of these measures to what we believe are the most directly comparable GAAP measures, which are attached hereto within the appendix.

#### THE GLOBAL MARKET LEADER

CBRE is the premier global provider of integrated services to commercial real estate investors and occupiers



## GLOBAL LEADERSHIP WITH BROAD CAPABILITIES

- #1 Leasing
- #1 Property Sales
- #1 Outsourcing
- #1 Appraisal & Valuation
- \$87.9 billion AUM Investment Management<sup>1</sup>



#### SCALE AND DIVERSITY

- 460+ offices in over 60 countries<sup>2</sup>
- Serves over 90% of the Fortune 100
- \$311 billion of sales and lease activity and 87,000+ transactions in 2015
- 5.2 billion square feet under management<sup>3</sup>

See slide 33 for footnotes

## THE LEADING GLOBAL BRAND

## CBRE is recognized as the foremost commercial real estate authority

Barron's 500		One of only two companies to be ranked in the top 12 of the Barron's 500 in each of the past three years (2014-2016).
Forbes	>	Named America's 15th Best Employer (out of 500 companies)
Fortune	>	Ranked among the Most Admired Companies for four consecutive years
Fortune 500	>	Fortune 500 company since 2008; ranked #259 in 2016
International Association of Outsourcing Professionals	>	Ranked among the top few outsourcing service providers across all industries for five consecutive years
S&P 500	>	S&P 500 company since 2006
The Lipsey Company		Ranked #1 brand for 15 consecutive years
Euromoney	>	Global Real Estate Advisor of the Year five years in a row
Ethisphere	>	Named a World's Most Ethical Company three years in a row
CDP's Climate Disclosure Leadership Index	>	Top 10% of all S&P 500 companies

#### **CBRE SERVES INVESTORS AND OCCUPIERS**

CBRE's integrated, best-in-class offering creates value for clients at every stage of the life cycle





#### TRACK RECORD OF LONG-TERM GROWTH

From 2003 to TTM Q3 2016:





From YTD Q3 2015 to YTD Q3 2016:





See slide 33 for footnotes

CBRE

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#### POSITIONED FOR LONG-TERM GROWTH

CBRE leads a sector with strong underlying growth dynamics

- Consolidation
  - Leasing and capital markets services continue to consolidate but remain highly fragmented
- Outsourcing
  - · Recurring contractual revenues
  - · Still in early stage of penetration with occupiers
  - · Contributes to largely recurring leasing revenues
- Strategic Position
  - Closed acquisition of Global Workplace Solutions on September 1, 2015
  - · CBRE has market leading global depth and capability

#### **KEY STRATEGIC PRIORITIES**

- Capitalize on our leadership position to widen our competitive advantages in the marketplace
- Continue to:
  - Drive market share gains in our core leasing and capital markets businesses with leadership and innovation
  - Enrich our operating platform (Technology & Data Enablement, Research, Marketing, Workplace Strategy, etc.) to support long-term growth
  - Acquire leading companies in our sector that enhance our ability to serve clients
  - · Enhance depth and breadth of our Occupier Outsourcing business

#### CAPITAL DEPLOYMENT

#### Mergers & acquisitions

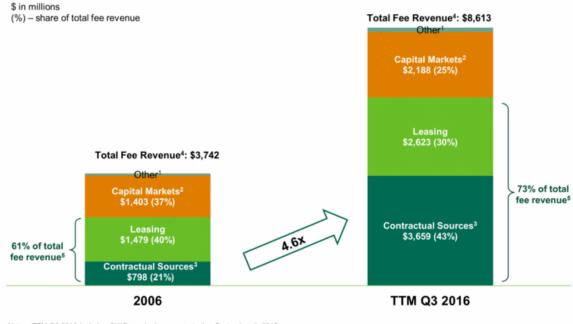
- Transactions generally fall into two categories:
  - · Strategic in-fill acquisitions sourced principally by lines of business
  - · Larger, transformational transactions driven by macro strategy
- Completed over 30 acquisitions since 2013 and over 100 since 2005, including four large, strategic acquisitions

#### Stock repurchase

 As of October 27, 2016, announced that the Board of Directors has authorized CBRE to repurchase up to an aggregate of \$250 million of its Class A common stock over three years

## FEE REVENUE MIX (FY 2006 VERSUS TTM Q3 2016)

### Significant growth in contractual revenue



Note – TTM Q3 2016 includes GWS acquired revenue starting September 1, 2015. See slide 33 for footnotes

## YTD Q3 2016 REVENUE

Contractual revenue & leasing, which is largely recurring<sup>1</sup>, is 73% of fee revenue

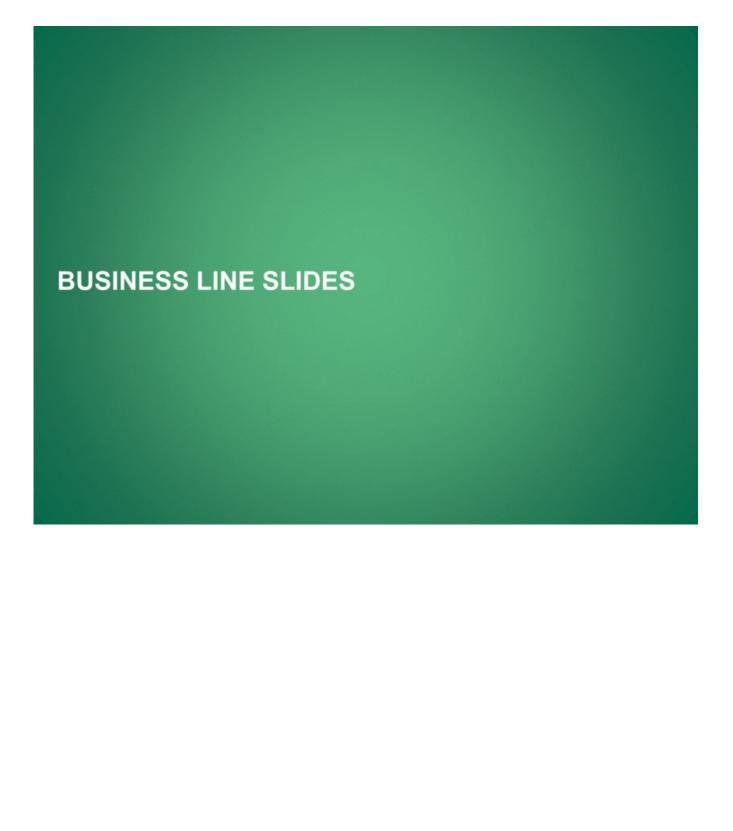
## Revenue (\$ in millions)

Ļ		Contractual	Sources		Leasing	Capita	al Markets	Other	Other	
	Occupier Outsourcing <sup>2</sup>			Leasing	Sales	Commercial Mortgage Services	Development Services	Other	Total	
Gross Rev	/enue									
YTD Q3 20	16 \$ 4,438	\$ 774	\$ 278	\$ 355	\$ 1,772	\$ 1,135	\$ 393	\$ 42	\$ 61	\$ 9,248
Fee Reven	nue <sup>3</sup>									
YTD Q3 20	. , . ,	\$ 370 73% of	\$ 278 total fee revenu	\$ 355 le	\$ 1,772	\$ 1,135	\$ 393	\$ 42	\$ 61	\$ 6,058
% of YTD 0 2016 Tota Fee Reven	1 ( 27%	6%	5%	6%	29%	19%	6%	1%	1%	100%
Fee Rever	nue Growth Ra	ate (Change YT	TD Q3 2016-ov	er-YTD Q3	2015)					
USD	▲ 93%	▲ 3%	▼-13%	▼-1%	▲ 6%	▼-3%	<b>1</b> 4%	<b>1</b> 6%	▲ 10%	<b>17</b> %
Local Currency	<b>▲</b> 98%	<b>4</b> %	▼-10%	<b>1</b> %	▲ 7%	▼-2%	<b>1</b> 4%	<b>1</b> 6%	<b>1</b> 2%	<b>1</b> 9%
See slide 33 t	for footnotes									
CBRE				11						

#### **KEY TAKEAWAYS**

#### CBRE:

- Leads an industry with strong underlying growth dynamics
- Is well positioned to continue its track record of long-term growth
- Has developed into a balanced business with a more stable growth profile
- Is an investment grade company with significant liquidity
- Is continuing to extend its competitive advantage in the marketplace



#### **OCCUPIER OUTSOURCING**

#### **Integrated Global Solutions for Occupiers**



#### **FULL SERVICE OFFERING**

- Facilities Management approximately 2.3 billion square feet globally2
- Project Management
- **Transaction Services**
- Strategic Consulting
- Ranked among the top few outsourcing service providers across all industries for five consecutive years4

#### **2016 TOTAL CONTRACTS**

	Q3	YTD Q3
New	35	122
Expansions	52	130
Renewals	26	69

#### REPRESENTATIVE CLIENTS

Facilities Management Transaction Services

Project Management













See slide 34 for footnotes CBRE

#### **PROPERTY MANAGEMENT**

#### **Optimizing Building Operating Performance for Investors**



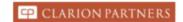
#### **OVERVIEW**

- Manages buildings for investors
  - · Highly synergistic with property leasing
- Manages approximately 2.9 billion square feet globally2
- 300+ premier properties in major CBDs (approximately 450 million square feet)

#### **KEY STRATEGIC ACCOUNTS**



















See slide 34 for footnotes CBRE

#### **INVESTMENT MANAGEMENT**

### Performance Across Risk/Return Spectrum Globally



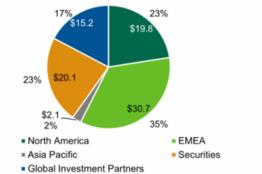
#### **OVERVIEW**

- Performance-driven global real estate investment manager
- More than 500 institutional clients
- Equity to deploy: approx. \$5,900 million<sup>1,2</sup>
- Co-Investment: \$159.6 million<sup>2</sup>

#### ASSETS UNDER MANAGEMENT (AUM)\* \$87.9B AS OF 9/30/2016

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See slide 34 for footnotes CBRE \*Approximately 60% of total AUM (excluding securities) is located in Europe

#### **APPRAISAL & VALUATION**

#### **Serving Clients Globally**

# ### STORICAL REVENUE (\$ in millions) \$385 \$414 \$461 \$360 \$355 2012 2012 2013 2014 2015 2016 \*\*TD Q3

#### **OVERVIEW**

- 147,000+ assignments in 2015
- Euromoney Global Valuation Advisor of the Year for five consecutive years
- Clients include lenders, life insurance companies, special servicers and REITs

#### PREMIER CLIENTS























JPMORGAN CHASE & CO.

CBRE

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#### **LEASING**

### Strategic Advisory and Execution



#### **U.S. LEASING VOLUME**

CBRE

2015 U.S. Overall Volume - \$76 billion



#### **OVERVIEW**

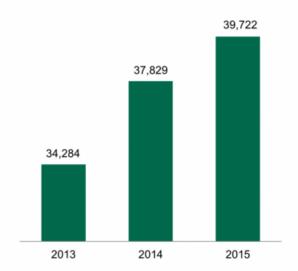
- Advise occupiers and investors in formulating and executing leasing strategies
- Tailored service delivery by property type and industry/market specialization
- Strategic insight and high-level execution driving significant market share gains
- #1 global market position \$104.4 billion lease volume in 2015

Office: \$69.6 billionRetail: \$18.9 billionIndustrial: \$14.2 billion

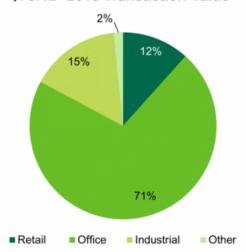
Other: \$ 1.7 billion

#### **U.S. LEASING TRANSACTIONS**





#### **Asset Class** \$76.4B 2015 Transaction Value



#### **PROPERTY SALES**

#### **Insight and Execution Across Markets & Property Types**



## INCREASED INSTITUTIONAL OWNERSHIP DRIVES SALES VELOCITY



#### **OVERVIEW**

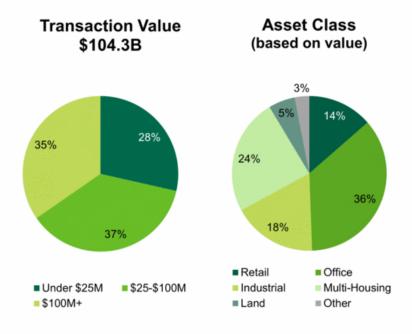
- Strategic advisor (sellers and buyers) in commercial real estate
- #1 global market share, based on Real Capital Analytics
  - 780 basis point advantage over #2 firm for full year 2015
- #1 global market position \$206.2 billion sales volume in 2015

Office: \$83.7 billion
Retail: \$36.7 billion
Multi-family: \$36.6 billion
Industrial: \$27.9 billion
Other: \$21.3 billion

### **PROPERTY SALES**

## Highly Diverse Business Across Transaction Size and Asset Class

#### 2015 U.S. SALES TRANSACTIONS



#### **COMMERCIAL MORTGAGE SERVICES**

#### **Premier Debt and Structured Finance Solutions**

#### HISTORICAL REVENUE

(\$ in millions)



#### RECENT TRANSACTIONS







United States Southeast Residential Portfolio (SERP)

\$500 Million

See slide 34 for footnotes

CBRE

Acquisition Financing

Germany FMS-Wertmanagmeent (FMS) \$660 Million Loan Sale

United States Parmenter Realty Partners

\$120 Million Bridge Financing

#### **OVERVIEW**

- A leading strategic advisor for debt and structured finance solutions
  - · Highly synergistic with property sales
- Key services:
  - · Loan origination / debt placement
  - Portfolio loan sales
  - · Loan servicing
- \$36.2 billion of global mortgage activity in TTM Q3 2016<sup>1</sup>
- Commercial loan origination with government agencies \$13.7 billion2 in TTM Q3 2016
- \$130 billion loan servicing portfolio as of 9/30/16

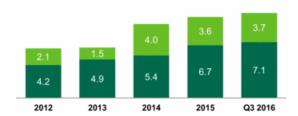
### **DEVELOPMENT SERVICES**

### Trammell Crow Company - A Premier Brand in U.S.

#### PROJECTS IN PROCESS/PIPELINE<sup>1</sup>

(\$ in billions)

■ In Process<sup>2</sup> ■ Pipeline<sup>3</sup>



#### **OVERVIEW**

- A premier brand in U.S. development
  - · 65+ year record of excellence
- Partner with leading institutional capital sources
- \$126.2 million of co-investment at the end of Q3 2016
- \$15.7 million in repayment guarantees on outstanding debt balances at the end of Q3 2016

#### RECENT PROJECTS

Park District



Dallas, TX Mixed-Use

The Boardwalk



Newport Beach, CA Office

McMillan



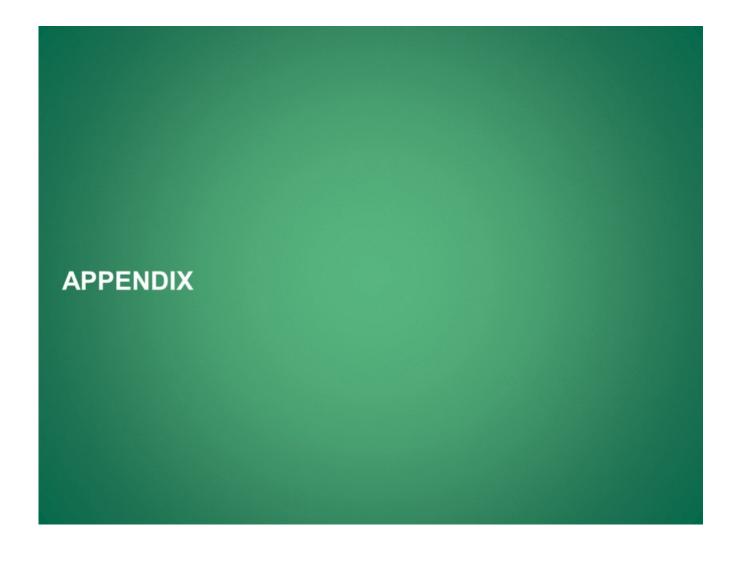
Washington, DC Healthcare

The Brickyard



Los Angeles, CA Industrial

See slide 34 for footnotes CBRE



#### **OTHER FINANCIAL METRICS**

	_	Nine Months Ended September 30,			
(\$ in millions)	2016 Forecast	2016		2015	
Depreciation	approx. \$ 150	\$	112.7	\$	102.6
Adjusted amortization <sup>1</sup>	approx. \$ 110		75.5		66.2
Net interest expense	approx. \$ 140		103.5		78.2
Adjusted income tax rate <sup>2</sup>	34.5%		33.8%		35.6%

#### YTD Q3 2016 Currency Effects vs. Prior Year

YTD Q3 2016 currency translation as well as other exchange rate transaction gains/(losses) during YTD Q3 2016 against same period prior year (pre-tax adjusted EBITDA impact)

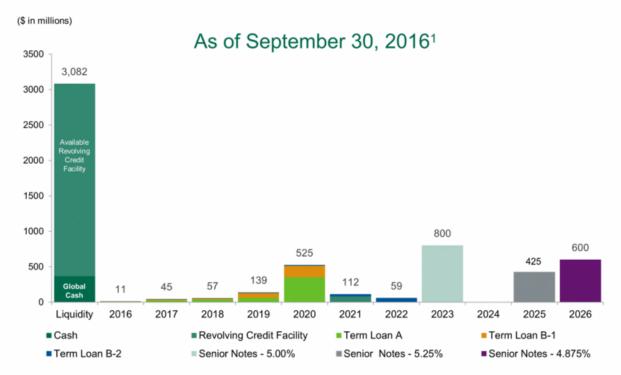
(\$1.5 million)

YTD Q3 2016 marking-to-market of currency hedges against same period prior year (pre-tax adjusted EBITDA impact)

(\$15.4 million)

Excludes amortization expense related to certain intangible assets attributable to acquisitions.
 Adjusts pre-tax income for portion attributable to non-controlling interests.

#### MANDATORY AMORTIZATION AND MATURITY SCHEDULE



1. \$2,800 million revolving credit facility matures in March 2021. As of September 30, 2016, the revolving credit facility balance was \$83 million

### **CAPITALIZATION**

(\$ in millions)	As of September 30, 2016	
Cash <sup>1</sup>	\$	367
Revolving credit facility		83
Senior term Ioan A <sup>2</sup>		470
Senior term Ioan B-1 <sup>2</sup>		261
Senior term Ioan B-2 <sup>2</sup>		126
Senior notes – 5.00% <sup>2</sup>		790
Senior notes – 4.875% <sup>2</sup>		591
Senior notes – 5.25% <sup>2</sup>		422
Other debt <sup>3,4</sup>		-
Total debt	\$	2,743
Stockholders' equity		2,935
Total capitalization	\$	5,678
Total net debt	\$	2,376
Net debt to TTM Q3 2016 Adjusted EBITDA		1.57x

<sup>1.</sup> Excludes \$79.1 million of cash in consolidated funds and other entities not available for company use at September 30, 2016.

<sup>2.</sup> Outstanding amount is reflected net of unamortized debt issuance costs.

<sup>3.</sup> Excludes \$1,619.1 million of warehouse facilities for loans originated on behalf of FHA and other government sponsored enterprises outstanding at September 30, 2016, which are non-recourse to CBRE Group, Inc.

<sup>4.</sup> Excludes non-recourse notes payable on real estate, net of unamortized debt issuance costs, of \$23.8 million at September 30, 2016.

#### NON-GAAP FINANCIAL MEASURES

The following measures are considered "non-GAAP financial measures" under SEC guidelines:

- fee revenue
- ii. contractual fee revenue
- iii. net income attributable to CBRE Group, Inc., as adjusted (which we also refer to as "adjusted net income")
- iv. diluted income per share attributable to CBRE Group, Inc. shareholders, as adjusted (which we also refer to as "adjusted earnings per share" or "adjusted EPS")
- v. EBITDA and adjusted EBITDA

None of these measures is a recognized measurement under United States generally accepted accounting principles, or "GAAP," and when analyzing our operating performance, readers should use them in addition to, and not as an alternative for, their most directly comparable financial measure calculated and presented in accordance with GAAP. Because not all companies use identical calculations, our presentation of these measures may not be comparable to similarly titled measures of other companies.

Our management generally uses these non-GAAP financial measures to evaluate operating performance and for other discretionary purposes, and the company believes that these measures provide a more complete understanding of ongoing operations, enhance comparability of current results to prior periods and may be useful for investors to analyze our financial performance because they eliminate the impact of selected charges that may obscure trends in the underlying performance of our business. The company further uses certain of these measures, and believes that they are useful to investors, for purposes described below.

With respect to fee revenue: the company believes that investors may find this measure useful to analyze the financial performance of our Occupier Outsourcing and Property Management business lines and our business generally because it excludes costs reimbursable by clients, and as such provides greater visibility into the underlying performance of our business.

With respect to contractual fee revenue: the company believes that investors may find this measure useful to analyze our overall financial performance because it identifies revenue streams that are typically more stable over time.

With respect to adjusted net income, adjusted EPS, EBITDA and adjusted EBITDA: the company believes that investors may find these measures useful in evaluating our operating performance compared to that of other companies in our industry because these calculations generally eliminate the accounting effects of acquisitions, which would include impairment charges of goodwill and intangibles created from acquisitions—and in the case of EBITDA and adjusted EBITDA—the effects of financings and income tax and the accounting effects of capital spending. All of these measures may vary for different companies for reasons unrelated to overall operating performance. In the case of EBITDA and adjusted EBITDA, these measures are not intended to be measures of free cash flow for our management's discretionary use because they do not consider cash requirements such as tax and debt service payments. The EBITDA and adjusted EBITDA measures calculated herein may also differ from the amounts calculated under similarly titled definitions in our credit facilities and debt instruments, which amounts are further adjusted to reflect certain other cash and non-cash charges and are used by us to determine compliance with financial covenants therein and our ability to engage in certain activities, such as incurring additional debt and making certain restricted payments. The company also uses adjusted EBITDA and adjusted EPS as significant components when measuring our operating performance under our employee incentive compensation programs.

# RECONCILIATION OF ADJUSTED EBITDA TO EBITDA TO NET INCOME (LOSS)

	Т	Twelve Months Ended					
(\$ in millions)	Septembe	r 30, 2016	December 31, 2003				
Adjusted EBITDA	\$	1,510.1	\$	183.2			
Adjustments:							
Cost elimination expenses		118.9		36.8			
Integration and other costs related to acquisitions		97.5		13.6			
Carried interest incentive compensation expense <sup>1</sup>		19.1		-			
EBITDA		1,274.6		132.8			
Add:							
Interest income		7.0		3.8			
Less:							
Depreciation and amortization		368.6		92.8			
Interest expense		144.8		71.3			
Write-off of financing costs on extinguished debt				13.5			
Provision for (benefit of) income taxes		280.2		(6.3)			
Net income (loss) attributable to CBRE Group, Inc.	\$	488.0	\$	(34.7)			

CBRE began adjusting carried interest compensation expense in Q2 2013 in order to better match the timing of this expense with associated carried interest revenue. This expense has only been adjusted for funds that incurred carried interest expense for the first time in Q2 2013 or in subsequent quarters.

# RECONCILIATION OF NET INCOME TO ADJUSTED NET INCOME AND ADJUSTED EARNINGS PER SHARE

	N	Ended 30,			
(\$ in millions, except per share amounts)	2016	i	2015		
Net income attributable to CBRE Group, Inc.	\$	308.0	\$	367.1	
Cost elimination expenses		78.4			
Amortization expense related to certain intangible assets attributable to acquisitions		81.8		46.8	
Integration and other costs related to acquisitions		73.5		24.9	
Carried interest incentive compensation (reversal) expense to align with the timing of associated revenue		(6.5)		0.5	
Write-off of financing costs on extinguished debt				2.7	
Tax impact of adjusted items		(71.4)		(24.3)	
Adjusted net income	\$	463.8	\$	417.7	
Adjusted diluted earnings per share	\$	1.37	\$	1.24	
Weighted average shares outstanding for diluted income per share	338	3,053,297	336	,140,923	

## RECONCILIATION OF REVENUE TO FEE REVENUE

	Twelve Months Ended						
(\$ in millions)	September	30, 2016	December 3	1, 2006			
Consolidated revenue	\$	12,948.0	\$	4,032.0			
Less: Client reimbursed costs largely associated with							
employees dedicated to client facilities and							
subcontracted vendor work performed for clients		4,334.9		289.7			
Consolidated fee revenue	\$	8 613 1	•	2 7/2 2			

# RECONCILIATION OF REVENUE TO FEE REVENUE AND CONTRACTUAL FEE REVENUE

IUAL FEE REVENUE						
	Nine Months Ended September 30,					
(\$ in millions)	20	016	20	15		
Occupier Outsourcing revenue <sup>1</sup> Less:	\$	4,438.0	\$	2,436.8		
Client reimbursed costs largely associated with employees dedicated to client facilities and						
subcontracted vendor work performed for clients		2,786.0		1,580.5		
Occupier Outsourcing fee revenue <sup>1</sup>	\$	1,652.0	\$	856.3		
Property Management revenue <sup>1</sup> Less:	\$	774.1	\$	760.6		
Client reimbursed costs largely associated with employees dedicated to client facilities and						
subcontracted vendor work performed for clients		403.9		400.0		
Property Management fee revenue <sup>1</sup>	\$	370.2	\$	360.6		
Consolidated revenue Less:	\$	9,247.8	\$	7,155.6		
Client reimbursed costs largely associated with employees dedicated to client facilities and						
subcontracted vendor work performed for clients		3,189.9		1,980.5		
Consolidated fee revenue	\$	6,057.9	\$	5,175.1		
Less: Non-contractual fee revenue		3,402.7		3,280.2		
Contractual fee revenue			e			
Contractual fee revenue	\$	2,655.2	\$	1,894.9		

Occupier Outsourcing and Property Management revenue excludes associated leasing and sales revenue, most of which is contractual CBRE

#### **FOOTNOTES**

NOTE: Local currency percent changes versus prior year are non-GAAP financial measures noted on slide 11. These percent changes are calculated by comparing current year results versus prior year results, in each case at prior year exchange rates.

- Assets Under Management (AUM) as of September 30, 2016.
- 2. As of December 31, 2015, includes affiliates
- 3. Property and Corporate Facilities under Management as of December 31, 2015; 7% of this square footage is managed by affiliates.

- 1. Adjusted EBITDA excludes (from EBITDA) certain carried interest incentive compensation expense (reversal) to align with the timing of associated revenue, cost elimination expenses and integration and other costs related to acquisitions.
- Adjusted EPS excludes amortization expense related to certain intangible assets attributable to acquisitions, the write-off of financing costs on extinguished debt, cost elimination
  expenses, integration and other costs related to acquisitions, and adjusts certain carried interest incentive compensation expense (reversal) to align with the timing of associated revenue, as well as adjusts the provision for income taxes for such charges.

#### Slide 10

- 1. Other includes Development Services revenue (1% in both 2006 and TTM Q3 2016) and Other revenue (1% in both 2006 and TTM Q3 2016).
- Capital Markets includes Sales revenue (33% in 2006 and 19% in TTM Q3 2016) and Commercial Mortgage Services revenue (4% in 2006 and 6% in TTM Q3 2016).
   Contractual Sources include Occupier Outsourcing and Property Management revenue (7% in 2006 and 32% in TTM Q3 2016; excludes associated sales and lease revenue). most of which are contractual), Global Investment Management revenue (6% in 2006 and 5% in TTM Q3 2016), and Valuation revenue (8% in 2006 and 6% in TTM Q3 2016).

  4. Fee Revenue is gross revenue less client reimbursed costs largely associated with our employees that are dedicated to client facilities and subcontracted vendor work performed
- 5. Contractual plus leasing revenues are 64% of 2006 GAAP revenue and 82% of TTM Q3 2016 GAAP revenue.

#### Slide 11

- 1. Contractual revenue refers to revenue derived from our Occupier Outsourcing, Property Management, Investment Management and Valuation businesses. We regard leasing revenue as largely recurring because unlike most other transaction businesses, leasing activity normally takes place when leases expire. The average lease expires in five to six years. This means that, on average, in a typical year approximately 17% to 20% of leases roll over and a new leasing decision must be made. When a lease expires in the ordinary course, we expect it to be renewed, extended or the tenant to vacate the space to lease another space in the market. In each instance, a transaction is completed. If there is a downturn in economic activity, some tenants may seek a short term lease extension, often a year, before making a longer term commitment. In this scenario, that delayed leasing activity tends to be stacked on top of the normal activity in the following year. Thus, we characterize leasing as largely recurring because we expect an expiration of a lease, in the ordinary course, to lead to an opportunity for a leasing commission from such completed transaction.
- Occupier Outsourcing and Property Management revenue excludes associated leasing and sales revenue, most of which is contractual.
   Fee revenue is gross revenue less both client reimbursed costs largely associated with employees that are dedicated to client facilities and subcontracted vendor work performed

#### **FOOTNOTES**

#### Slide 14

- 1. Historical revenue for Occupier Outsourcing line of business (formerly Global Corporate Services or GCS, now called Global Workplace Solutions) excludes associated sales and leasing revenue, most of which is contractual.
- 2. As of December 31, 2015.
- 3. 2015 revenue includes four months of contribution from the Global Workplace Solutions business acquired on September 1, 2015.
- 4. Per International Association of Outsourcing Professionals (IAOP).

- 1. Property Management (also known as Asset Services) revenue excludes associated sales and leasing revenue, most of which is contractual.
- 2. As of December 31, 2015; 13% of this square footage is managed by affiliates.

- Excludes global securities business.
   As of September 30, 2016.

- 1. Activity includes loan originations and loan sales.
- 2. As measured in dollar value loaned.

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  1. As of December 31 for each year presented, except Q3 2016, which is as of September 30.
- 1. As of December 3 for each year presented, except Q3 2016, which is as of September 30.
  2. In Process figures include Long-Term Operating Assets (LTOA) of \$0.2 billion for Q3 2016, \$0.1 billion for Q4 2015, \$0.3 billion for Q4 2014, \$0.9 billion for Q4 2013 and \$1.2 billion for Q4 2012. LTOA are projects that have achieved a stabilized level of occupancy or have been held 18-24 months following shell completion or acquisition.

  3. Pipeline deals are those projects we are pursuing which we believe have a greater than 50% chance of closing or where land has been acquired and the projected construction start is more than twelve months out.