
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 15, 2017

VECTOR GROUP LTD.

(Exact Name of Registrant as Specified in Its Charter)

DELAWARE

(State or Other Jurisdiction of Incorporation)

1-5759

(Commission File Number)

65-0949535

(I.R.S. Employer Identification No.)

4400 Biscayne Boulevard, Miami, Florida

(Address of Principal Executive Offices)

33137

(Zip Code)

(305) 579-8000

(Registrant's Telephone Number, Including Area Code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 7.01. Regulation FD Disclosure.

Vector Group Ltd. has prepared materials for presentations to investors. The materials are furnished (not filed) as Exhibit 99.1 to this Current Report on Form 8-K pursuant to Regulation FD.

Non-GAAP Financial Measures

Exhibit 99.1 contains the Non-GAAP Financial Measures discussed below.

Please refer to Current Reports on Form 8-K dated November 7, 2017, March 1, 2017, November 15, 2016 and October 2, 2015 for reconciliations of GAAP Financial Measures to Non-GAAP Financial Measures. Non-GAAP Financial Measures include adjustments for purchase accounting associated with the Company's acquisition of its additional 20.59% interest in Douglas Elliman Realty, LLC, as well as the related purchase accounting adjustments, and assume such acquisition occurred prior to the beginning of each period presented. Non-GAAP Financial Measures also include adjustments for litigation settlement and judgment expenses in the Tobacco segment, settlements of long-standing disputes related to the Master Settlement Agreement in the Tobacco segment, restructuring and pension settlement expenses in the Tobacco segment, non-cash stock compensation expenses (for purposes of Adjusted EBITDA only) and non-cash interest items associated with the Company's convertible debt.

Adjusted Revenues and Adjusted EBITDA, Adjusted Net Income, Adjusted Operating Income, Tobacco Adjusted Operating Income, New Valley LLC Adjusted EBITDA and Douglas Elliman Realty, LLC Adjusted EBITDA (hereafter, along with the Non-GAAP Revenue Measures referred to as "the Non-GAAP Financial Measures") are financial measures not prepared in accordance with generally accepted accounting principles ("GAAP"). The Company believes that the Non-GAAP Financial Measures are important measures that supplement discussions and analysis of its results of operations and enhances an understanding of its operating performance. The Company believes the Non-GAAP Financial Measures provide investors and analysts with a useful measure of operating results unaffected by differences in capital structures and ages of related assets among otherwise comparable companies. In the case of Adjusted Revenues, management believes revenue growth in its real estate segment is an important measure of growth because increased revenues generally result in increased gross margin as a result of absorption of fixed operating costs, which management believes will lead to increased future profitability as well as increased capacity to expand into new and existing markets. A key strategy of the Company is its ability to move into new markets and therefore gross revenues provide information with respect to the Company's ability to achieve its strategic objectives. Management also believes increased revenues generally indicate increased market share in existing markets as well as expansion into new markets. Consequently, management believes Adjusted Revenue is a meaningful indicator of operating performance.

Management uses the Non-GAAP Financial Measures as measures to review and assess operating performance of the Company's business, and management and investors should review both the overall performance (GAAP net income) and the operating performance (the Non-GAAP Financial Measures) of the Company's business. While management considers the Non-GAAP Financial Measures to be important, they should be considered in addition to, but not as substitutes for or superior to, other measures of financial performance prepared in accordance with GAAP, such as operating income, net income and cash flows from operations. In addition, the Non-GAAP Financial Measures are susceptible to varying calculations and the Company's measurement of the Non-GAAP Financial Measures may not be comparable to those of other companies.

Adjusted Revenues is defined as revenues plus the additional revenues as a result of the consolidation of Douglas Elliman plus one-time purchase accounting adjustments to fair value for deferred revenues recorded in connection with the increase of the Company's ownership of Douglas Elliman. EBITDA is defined as net income before interest, taxes, depreciation and amortization. Adjusted EBITDA is EBITDA, as defined above, and as adjusted for changes in fair value of derivatives embedded with convertible debt, equity gains (losses) on long-term investments, gains (losses) on sale of investment securities available for sale, equity income from non-consolidated real estate businesses, loss on extinguishment of debt, acceleration of interest expense related to debt conversion, stock-based compensation expense (for purposes of Adjusted EBITDA only), litigation settlement and judgment expense, settlements of long-standing disputes related to the Master Settlement Agreement ("MSA"), restructuring and pension settlement expense, gains on acquisition of Douglas Elliman, changes to EBITDA as a result of the consolidation of Douglas Elliman and other charges.

New Valley LLC ("New Valley"), the real estate subsidiary of the Company, owns real estate and 70.59% of Douglas Elliman, the largest residential brokerage firm in the New York metropolitan area, as well as a minority stake in numerous real estate investments. New Valley LLC Adjusted EBITDA is defined as the portion of Adjusted EBITDA that relate to New Valley. New Valley's Adjusted EBITDA does not include an allocation of expenses from the Corporate and Other segment of Vector Group Ltd.

Forward-Looking Statements

This Current Report on Form 8-K contains forward-looking statements, which involve risk and uncertainties. The words "could", "believe," "expect," "estimate," "may," "will," "could," "plan," or "continue" and similar expressions are intended to identify forward-looking statements. The Company's actual results could differ significantly from the results discussed in such forward-looking statements. Factors that could cause or contribute to such differences in results and outcomes include, without limitation, those discussed under the heading "Risk Factors" in the Company's Annual Report on Form 10-K for the year ended December 31, 2016. Readers are urged not to place undue reliance on these forward-looking statements, which speak only as of the date of this Current Report on Form 8-K. The Company undertakes no obligation to (and expressly disclaims any obligation to) revise or update any forward-looking statement, whether as a result of new information, subsequent events, or otherwise (except as may be required by law), in order to reflect any event or circumstance which may arise after the date of this Current Report on Form 8-K.

Item 9.01. Financial Statements and Exhibit

(d) Exhibit.

<u>Exhibit No.</u>	<u>Exhibit</u>
99.1	Investor presentation of Vector Group Ltd. dated November 2017 (furnished pursuant to Regulation FD).

SIGNATURE

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 hereunto duly authorized.

VECTOR GROUP LTD.

By: /s/ J. Bryant Kirkland III

J. Bryant Kirkland III

Senior Vice President, Treasurer and Chief Financial Officer

Date: November 15, 2017



INVESTOR PRESENTATION

November 2017

DISCLAIMER

This document and any related oral presentation does not constitute an offer or invitation to subscribe for, purchase or otherwise acquire any equity securities or debt securities instruments of Vector Group Ltd. ("Vector," "Vector Group Ltd." or "the Company") and nothing contained herein or its presentation shall form the basis of any contract or commitment whatsoever.

The distribution of this document and any related oral presentation in certain jurisdictions may be restricted by law and persons into whose possession this document or any related oral presentation comes should inform themselves about, and observe, any such restriction. Any failure to comply with these restrictions may constitute a violation of the laws of any such other jurisdiction.

The information contained herein does not constitute investment, legal, accounting, regulatory, taxation or other advice and the information does not take into account your investment objectives or legal, accounting, regulatory, taxation or financial situation or particular needs. You are solely responsible for forming your own opinions and conclusions on such matters and the market and for making your own independent assessment of the information. You are solely responsible for seeking independent professional advice in relation to the information and any action taken on the basis of the information.

The following presentation may contain "forward-looking statements," including any statements that may be contained in the presentation that reflect Vector's expectations or beliefs with respect to future events and financial performance, such as the expectation that the tobacco transition payment program could yield substantial incremental free cash flow. These forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from those contained in any forward-looking statement made by or on behalf of the Company, including the risk that changes in Vector's capital expenditures impact its expected free cash flow and the other risk factors described in Vector's annual report on Form 10-K for the year ended December 31, 2016, as filed with the SEC. Please also refer to Vector's Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2017 as well as its Current Reports on Forms 8-K, filed on October 2, 2015, November 15, 2016, March 1, 2017, November 7, 2017 and November 15, 2017 (Commission File Number 1-5759) as filed with the SEC for information, including cautionary and explanatory language, relating to Non-GAAP Financial Measures in this Presentation labeled "Adjusted".

Results actually achieved may differ materially from expected results included in these forward-looking statements as a result of these or other factors. Due to such uncertainties and risks, potential investors are cautioned not to place undue reliance on such forward-looking statements, which speak only as of the date on which such statements are made. The Company disclaims any obligation to, and does not undertake to, update or revise and forward-looking statements in this presentation.

INVESTMENT HIGHLIGHTS & PORTFOLIO

Overview

- Diversified Holding Company with two unrelated, but complementary, businesses with iconic brand names: tobacco (Liggett Group) and real estate (Douglas Elliman)
- History of strong earnings, and Adjusted EBITDA has increased from \$178.3 million in 2011⁽¹⁾ to \$263.0 million for the twelve months ended September 30, 2017⁽²⁾
 - Tobacco Adjusted EBITDA of \$260.4 million for the twelve months ended September 30, 2017⁽³⁾
 - Douglas Elliman, which is a 70.59%-owned subsidiary, produced Revenues of \$696.1 million and Adjusted EBITDA of \$23.8 million for the twelve months ended September 30, 2017⁽⁴⁾
- Diversified New Valley portfolio of consolidated and non-consolidated real estate investments
- Maintains substantial liquidity with cash, marketable securities and long-term investments of \$693 million as of September 30, 2017⁽⁵⁾ and has no significant debt maturities until February 2019
- Uninterrupted quarterly cash dividends since 1995 and an annual 5% stock dividend since 1999
- Seasoned management team with average tenure of 24 years with Vector Group
- Management team and directors beneficially own approximately 13% of Vector Group
- Perpetual cost advantage over the largest U.S. tobacco companies – annual cost advantage ranged between \$163 million and \$169 million from 2011 to 2016⁽⁶⁾

(1) Vector's Net income for the year ended December 31, 2011 was \$74.5M. Adjusted EBITDA is a Non-GAAP Financial Measure. Please refer to Exhibit 99.2 of the Company's Current Report on Form 8-K, dated November 15, 2016 (Table 2) for a reconciliation of Net income to Adjusted EBITDA as well as the Disclaimer to this document on Page 2.

(2) Vector's Net income for the twelve months ended September 30, 2017 was \$46.4 million. Adjusted EBITDA is a Non-GAAP Financial Measure. Please refer to Exhibit 99.1 of the Company's Current Report on Form 8-K, filed on November 7, 2017, for a reconciliation of Net income to Adjusted EBITDA as well as the Disclaimer to this document on Page 2.

(3) All "Liggett" and "Tobacco" financial information in this presentation includes the operations of Liggett Group LLC, Vector Tobacco Inc., and Liggett Vector Brands LLC unless otherwise noted. Tobacco Adjusted EBITDA is a Non-GAAP Financial Measure and is defined in Table 3 of Exhibit 99.1 to the Company's Current Report on Form 8-K, dated November 7, 2017.

(4) Douglas Elliman's Net income was \$14.3 million for the twelve months ended September 30, 2017. Adjusted EBITDA is a Non-GAAP Financial Measure. Please refer to Exhibit 99.1 of the Company's Current Report on Form 8-K, dated November 7, 2017, for a reconciliation of Adjusted EBITDA to net income (Table 7) as well as the Disclaimer to this document.

(5) At September 30, 2017 this amount includes cash at Douglas Elliman, a 70.59%-owned subsidiary, of \$101 million and cash at Liggett, a wholly-owned subsidiary of \$88 million. Excludes real estate investments.

(6) Cost advantage applies only to cigarettes sold below applicable market share exemption.

TOBACCO OPERATIONS

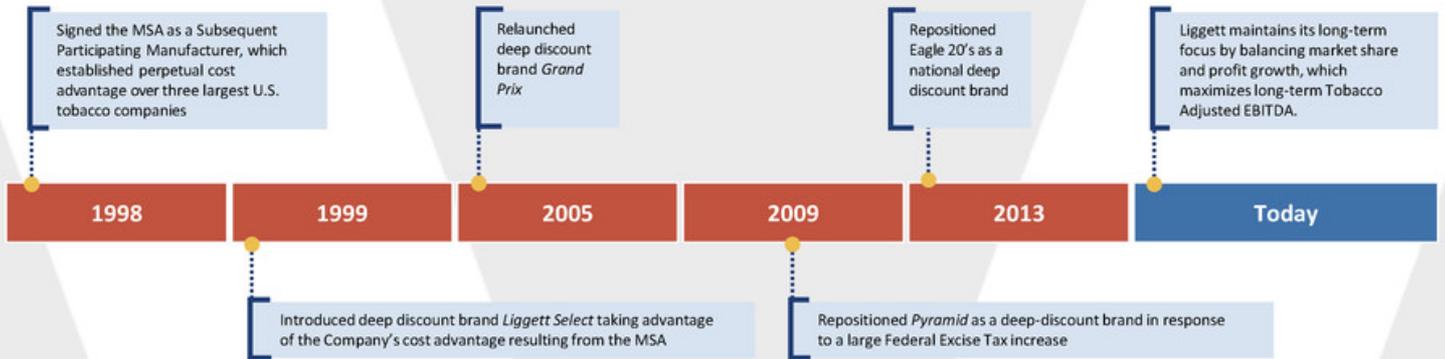
LIGGETT GROUP OVERVIEW

- Fourth-largest U.S. tobacco company; founded in 1873
 - Core Discount Brands – *Pyramid, Grand Prix, Liggett Select, Eve and Eagle 20's*
 - Partner Brands – *USA, Bronson and Tourney*
- Consistent and strong cash flow
 - Tobacco Adjusted EBITDA of \$260.4 million for the twelve months ended September 30, 2017 ⁽¹⁾
 - Low capital requirements with capital expenditures of \$3.5 million related to tobacco operations for the twelve months ended September 30, 2017
- Current cost advantage of approximately \$0.70 per pack compared to the largest U.S. tobacco companies expected to maintain volume and drive profit in core brands
 - Pursuant to the MSA, Liggett has no payment obligations unless its market share exceeds a market share exemption of approximately 1.65% of total cigarettes sold in the United States, and Vector Tobacco has no payment obligations unless its market share exceeds a market share exemption of approximately 0.28% of total cigarettes sold in the United States
 - MSA exemption annual cost advantage ranged between \$163 million and \$169 million for Liggett and Vector Tobacco from 2011 to 2016.



⁽¹⁾ Tobacco Adjusted EBITDA is a Non-GAAP Financial Measure and is defined in the Company's Current Report on Forms 8-K, dated November 7, 2017. Please also refer to the Disclaimer to this document on Page 2.

LIGGETT GROUP HISTORY

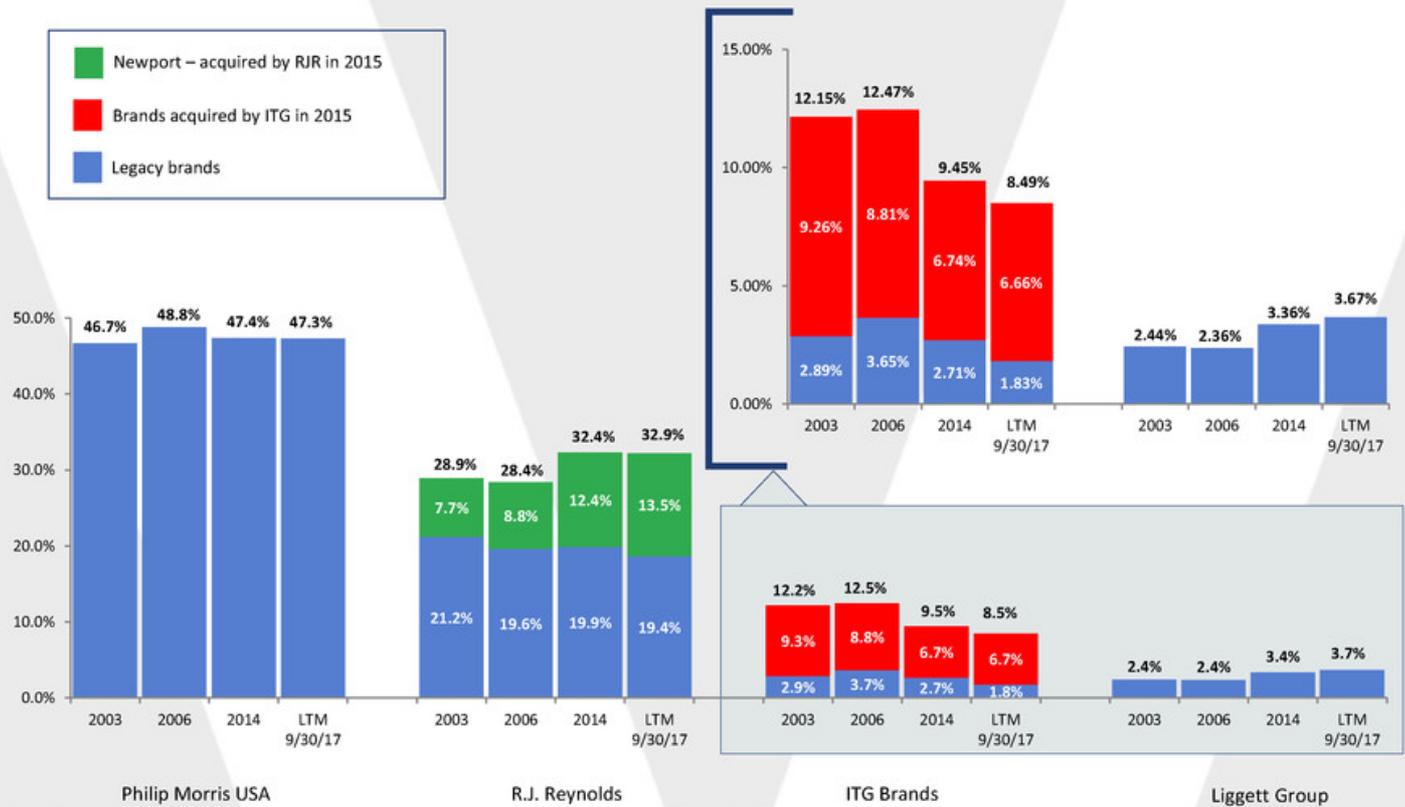


Source: MSA CRA wholesale shipment database.

Note: The Liggett and Vector Tobacco businesses have been combined into a single segment for all periods since 2007.

(1) Tobacco Adjusted EBITDA is a Non-GAAP Financial Measure and is defined in Table 2 of Exhibit 99.1 of the Company's Current Reports on Form 8-K, dated November 7, 2017, Table 3 of Exhibit 99.1 of the Company's Current Report on Form 8-K, dated March 2, 2017, as well as Table 2 to Exhibit 99.2 of the Company's Current Report on Form 8-K, dated October 2, 2015 and November 15, 2016.

ADJUSTED U.S. TOBACCO INDUSTRY MARKET SHARE



Source: The Maxwell Report's sales estimates for the cigarette industry for the years ended 2003 (February 2004), 2006 (February 2007) and 2014 (March 2015) and internal company estimates for LTM 9/30/17.

(1) All LTM 9/30/17 percentages are from internal company estimates. Actual Market Share in 2003, 2006 and 2014 reported in the Maxwell Report for R.J. Reynolds was 29.6%, 27.6% and 23.1%, respectively, and, for ITG Brands, was 2.9%, 3.7% and 2.7%, respectively. Adjusted market share has been computed by Vector Group Ltd. by applying historical market share of each brand to the present owner of brand. Thus, the graph assumes each company owned its current brands on January 1, 2003. The legacy brands market share of R.J. Reynolds in 2003 includes the market share of Brown & Williamson, which was acquired by R.J. Reynolds in 2004. In 2015, R.J. Reynolds acquired Lorillard Tobacco Company, which manufactured the Newport brand, and sold a portfolio of brands, including the Winston, Salem, Koal and Maverick brands to ITG Brands.

(2) Does not include smaller manufacturers, whose cumulative market shares were 9.8%, 7.9%, 8.8% and 7.6% in 2003, 2006, 2014 and LTM 9/30/17, respectively.

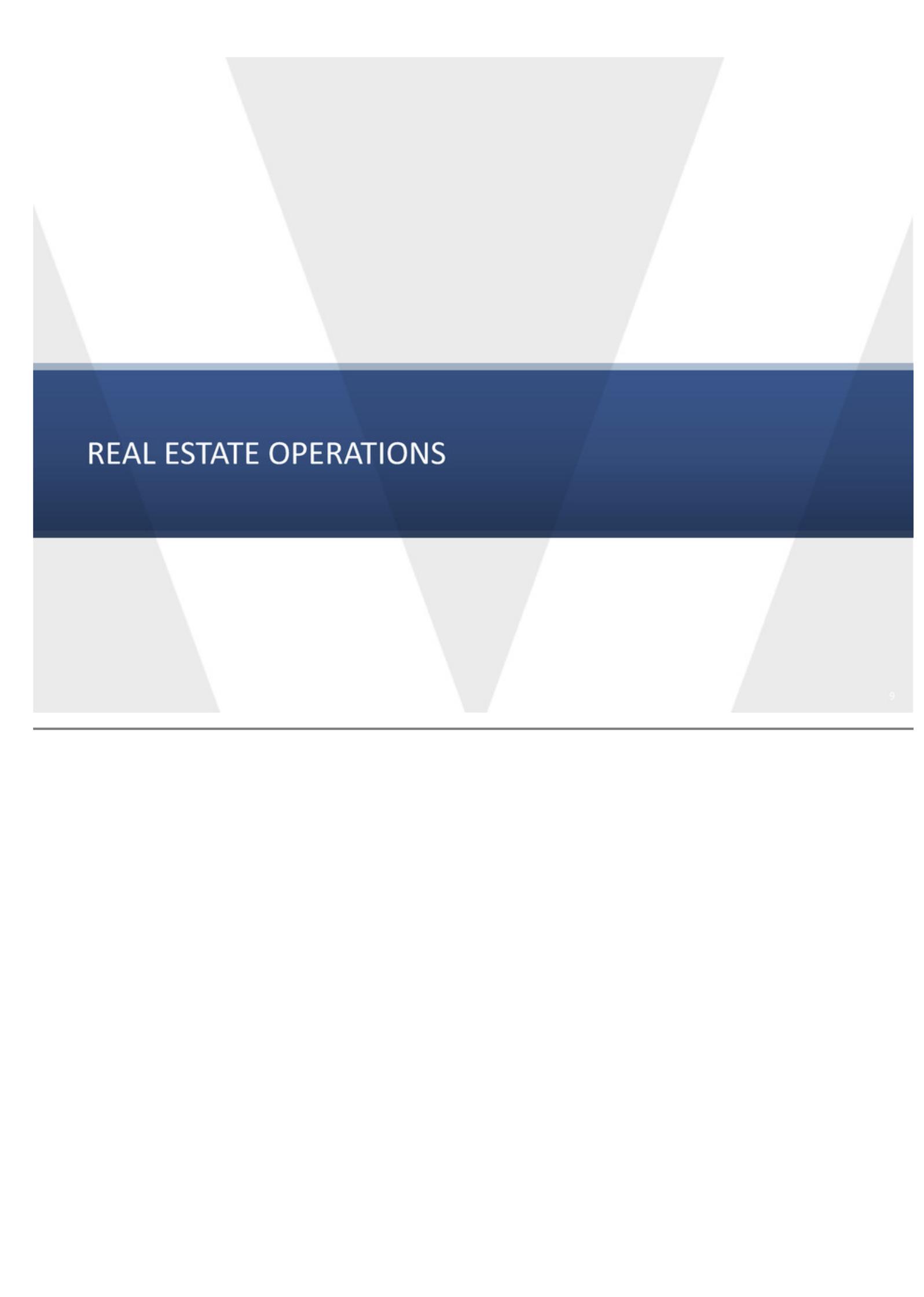
TOBACCO LITIGATION AND REGULATORY UPDATES

Litigation

- In 2013, Liggett reached a settlement with approximately 4,900 *Engle* progeny plaintiffs, which represented a substantial portion of Liggett's pending litigation
 - Liggett agreed to pay \$60 million in a lump sum in 2014 and the balance in installments of \$3.4 million in each of the following 14 years (2015 – 2028)
- In 2016 and 2017, Liggett has settled an additional 151 *Engle* progeny cases for \$23.2 million. Liggett has paid \$19.5 million with the balance of \$3.7 million to be paid in 2018.
 - Approximately 80 *Engle* progeny plaintiffs remain at September 30, 2017.
 - Liggett is also a defendant in 17 non-*Engle* smoking-related individual cases and three (3) smoking-related actions where either a class had been certified or plaintiffs were seeking class certification
- In January 2016, the Mississippi Attorney General filed a motion to enforce Mississippi's 1996 settlement agreement with Liggett and alleged that Liggett owes Mississippi at least \$27 million in damages plus punitive damages and legal fees.

Regulatory

- Since 1998, the MSA has restricted the advertising and marketing of tobacco products
- In 2009, Family Smoking Prevention and Tobacco Control Act granted the FDA power to regulate the manufacture, sale, marketing and packaging of tobacco products
 - FDA is prohibited from issuing regulations that ban cigarettes
- Federal Excise Tax is \$1.01/pack (since April 1, 2009) and additional state and municipal excise taxes exist



REAL ESTATE OPERATIONS

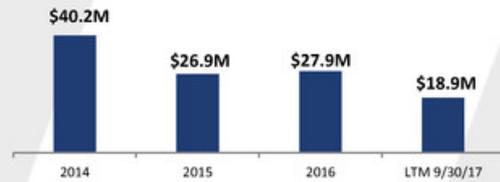
REAL ESTATE OVERVIEW

- New Valley, which owns 70.59% of Douglas Elliman Realty, LLC, is a diversified real estate company that is seeking to acquire or invest in additional real estate properties or projects
- New Valley has invested approximately \$215 million¹, as of September 30, 2017, in a broad portfolio of real estate projects

New Valley Revenues – LTM September 30, 2017



New Valley Adjusted EBITDA⁽²⁾



(1) Net of cash returned.

(2) New Valley's net income was \$21.4M, \$11.7M, \$13.5M and \$14.3M for the periods presented. Adjusted EBITDA is a non-GAAP financial measure. For a reconciliation of Net income to Adjusted EBITDA, please see Vector Group Ltd.'s Current Reports on Forms 8-K, filed on March 8, 2016, March 1, 2017 and November 7, 2017, Form 10-K for the fiscal year ended December 31, 2016 and Form 10-Q for the quarterly period ended September 30, 2017 (Commission File Number 1-5759) as well as the Disclaimer to this document on Page 2. New Valley's Adjusted EBITDA do not include an allocation of Vector Group Ltd.'s Corporate and Other Expenses (for purposes of computing Adjusted EBITDA) of \$11.4M, \$13.2M, \$15.3M and \$14.9M for the periods presented, respectively.

DOUGLAS ELLIMAN REALTY, LLC

- Largest residential real estate brokerage firm in the highly competitive New York metropolitan area and fourth-largest residential brokerage firm in the U.S.
- More than 7,000 affiliated agents and 100 offices in the U.S.
- Alliance with Knight Frank provides a network with 520 offices across 60 countries with 21,550 affiliated agents
- Also offers title and settlement services, relocation services, and residential property management services through various subsidiaries

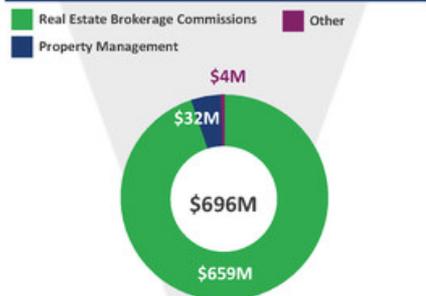
Douglas Elliman Closed Sales – LTM September 30, 2017



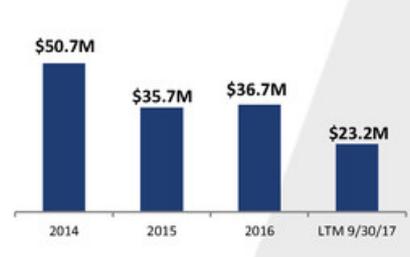
Douglas Elliman Closed Sales



Douglas Elliman Revenues – LTM September 30, 2017

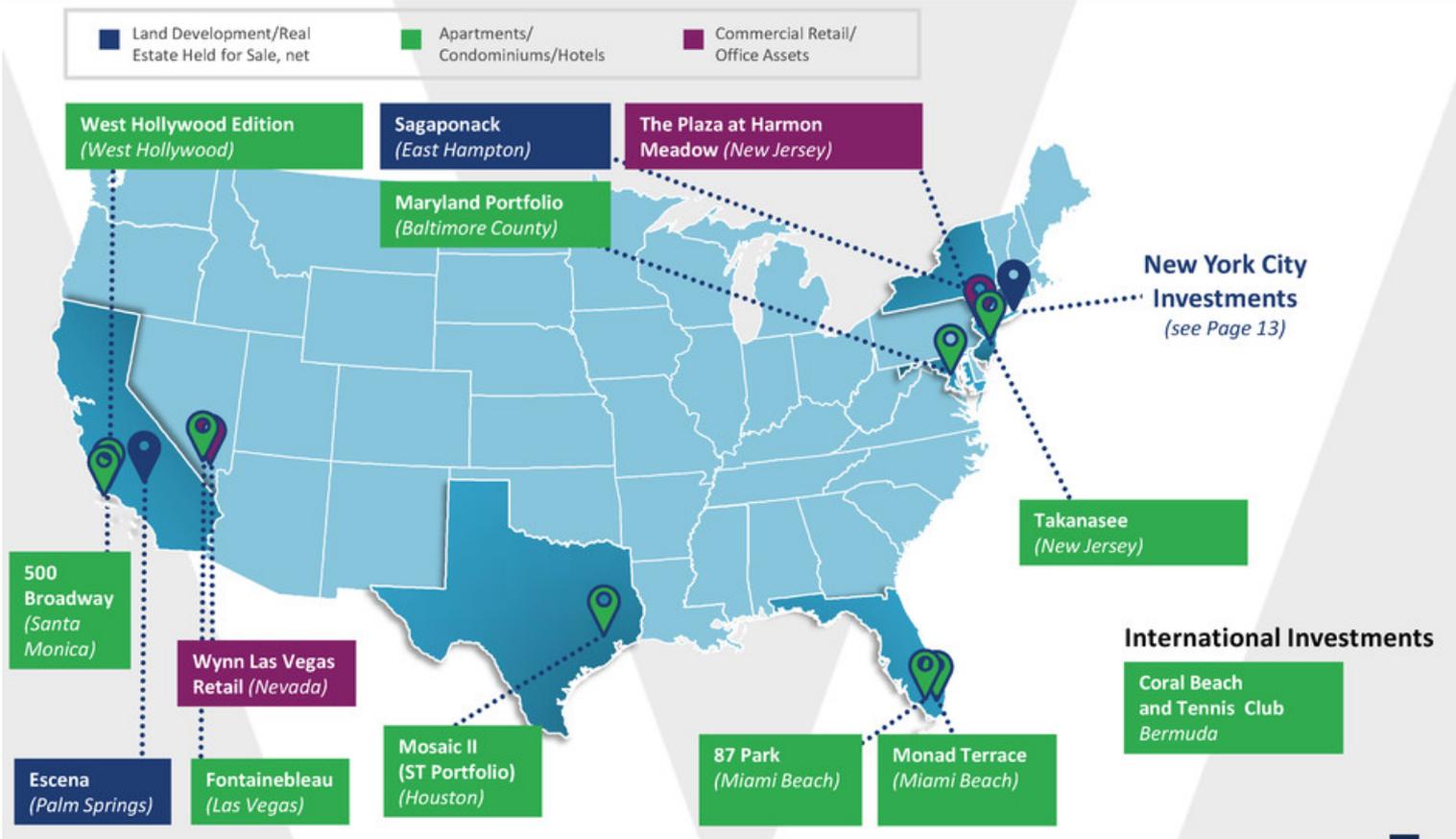


Douglas Elliman Adjusted EBITDA⁽¹⁾



(1) Douglas Elliman's net income was \$38.4M, \$22.2M, \$21.1M and \$14.3M for the periods presented. Adjusted EBITDA is a non-GAAP financial measure. For a reconciliation of Adjusted EBITDA to net income, please see Vector Group Ltd.'s Current Reports on Forms 8-K, filed on March 8, 2016, March 1, 2017 and November 7, 2017, Form 10-K for the fiscal year ended December 31, 2016 and Form 10-Q for the quarterly period ended September 30, 2017 (Commission File Number 1-5759) as well as the Disclaimer to this document on Page 2.

NEW VALLEY'S REAL ESTATE INVESTMENTS AT SEPTEMBER 30, 2017⁽¹⁾



(1) For the percentage of each real estate project owned, please refer to the "Summary of Real Estate Investments" section of Item 2 - Management's Discussion and Analysis of Financial Condition and Results of Operations" of Vector Group Ltd.'s Form 10-Q for the quarterly period ended September 30, 2017 (Commission File Number 1-5759).

NEW VALLEY'S REAL ESTATE INVESTMENTS IN NEW YORK CITY ⁽¹⁾



1. **The Marquand** Upper East Side
2. **10 Madison Square West** Flatiron District/NoMad
3. **11 Beach Street** TriBeCa
4. **20 Times Square** Times Square
5. **111 Murray Street** TriBeCa
6. **160 Leroy Street** Greenwich Village
7. **215 Chrystie Street** Lower East Side
8. **The Dutch** Long Island City
9. **1 QPS Tower** Long Island City
10. **Park Lane Hotel** Central Park South
11. **125 Greenwich Street** Financial District
12. **The Eleventh** West Chelsea
13. **New Brookland** Flatbush

(1) For the percentage of each real estate project owned, please refer to the "Summary of Real Estate Investments" section of Item 2 - Management's Discussion and Analysis of Financial Condition and Results of Operations - of Vector Group Ltd.'s Form 10-Q for the quarterly period ended September 30 2017 (Commission File Number 1-5759).

NEW VALLEY'S REAL ESTATE SUMMARY AS OF SEPTEMBER 30, 2017 ⁽¹⁾

(Dollars in thousands)	Net cash invested	Cumulative earnings / (loss) ⁽²⁾	Carrying value ⁽²⁾⁽³⁾	Projected construction end date	Range of ownership	Number of investments
Land owned						
New York City SMSA	\$ 13,205	\$ -	\$ 13,053	N/A	100.0%	1
All other U.S. areas	2,644	7,893	10,622	N/A	100.0%	1
	\$ 15,849	\$ 7,893	\$ 23,675			2
Condominium and Mixed Use Development (Minority interest owned)						
New York City SMSA ⁽³⁾	\$ 54,121	\$ 64,020	\$ 122,398	2017 - 2020	3.1% - 49.5%	12
All other U.S. areas	35,140	2,086	32,385	2018 - 2020	3.0% - 48.5%	5
	\$ 89,261	\$ 66,106	\$ 154,783			17
Apartments (Minority interest owned)						
All other U.S. areas	6,786	812	7,458	N/A	7.6% - 16.3%	2
	\$ 6,786	\$ 812	\$ 7,458			2
Hotels (Minority interest owned)						
New York City SMSA	\$ 29,832	\$ (7,673)	\$ 22,159	N/A	5.2% - 15.0%	2
All other U.S. areas	7,500	-	7,500	N/A	15.0%	1
International	6,048	(3,058)	2,990	N/A	49.0%	1
	\$ 43,380	\$ (10,731)	\$ 32,649			4
Commercial (Minority interest owned)						
New York City SMSA	\$ 4,835	\$ (2,348)	\$ 2,484	N/A	49.0%	1
All other U.S. areas	9,762	231	9,993	N/A	2.1%	1
	\$ 14,597	\$ (2,117)	\$ 12,480			2
Total	\$ 169,873	\$ 61,963	\$ 231,836			27

SUMMARY

New York City SMSA ⁽³⁾	\$ 101,993	\$ 53,999	\$ 155,992			16
All other U.S. areas	61,832	11,022	72,854			10
International	6,048	(3,058)	2,990			1
	\$ 169,873	\$ 61,963	\$ 231,836			27

(1) For the percentage of each real estate project owned, please refer to the "Summary of Real Estate Investments" section of Item 2 - Management's Discussion and Analysis of Financial Condition and Results of Operations of Vector Group Ltd.'s Form 10-Q for the period ended September 30, 2017 (Commission File Number 1-5759).

(2) Includes interest expense capitalized to real estate ventures of \$18,701.

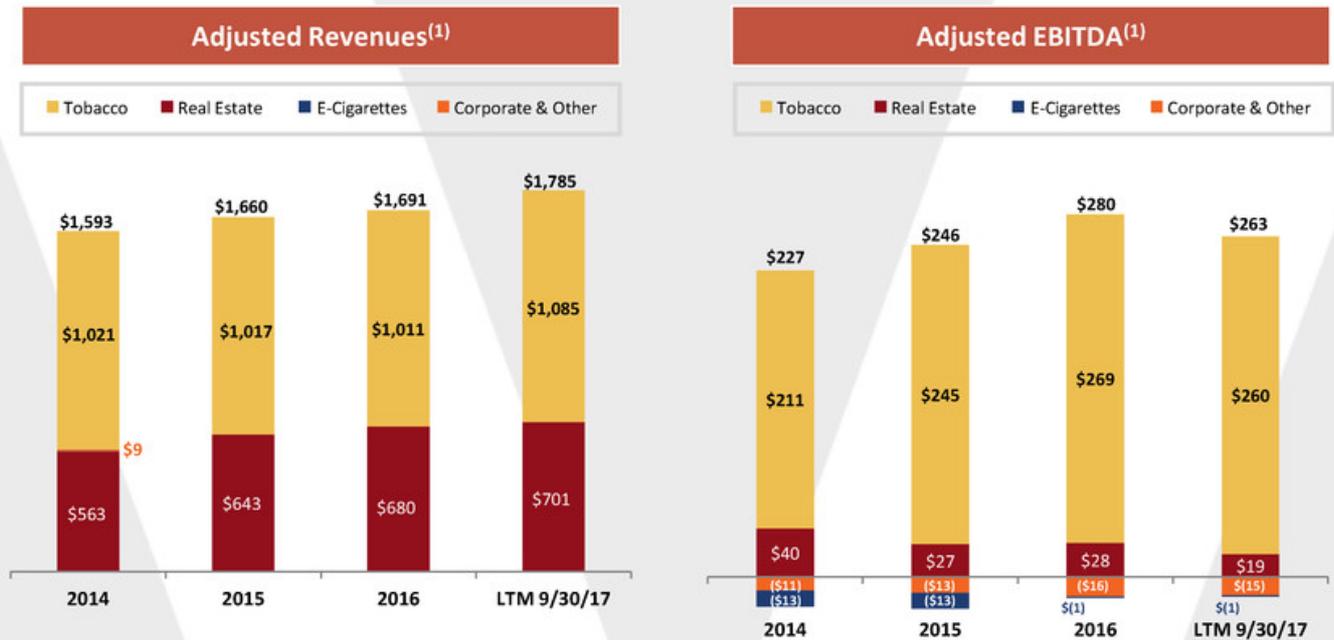
(3) Carrying value includes non-controlling interest of \$3,813.



FINANCIAL DATA

ADJUSTED HISTORICAL FINANCIAL DATA

(Dollars in millions)



(1) Vector's revenues for the periods presented were \$1,591, \$1,657, \$1,691 and \$1,785, respectively. Vector's Net income for the periods presented was \$36.9, \$59.2, \$71.1 and \$46.4, respectively. Adjusted Revenues and Adjusted EBITDA are Non-GAAP Financial Measures. Please refer to the Company's Current Report on Forms 8-K, filed on March 8, 2016, March 1, 2017 and November 7, 2017 (Exhibit 99.1) for a reconciliation of Non-GAAP financial measures to GAAP as well as the Disclaimer to this document on Page 2.

HISTORICAL STOCK PERFORMANCE



Value of \$100 Invested – December 31, 2005

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Vector Group Ltd.	100.0	112.1	143.4	112.5	135.4	192.7	227.0	219.3	279.5	411.4	513.2	557.6	565.9
S&P 500	100.0	115.8	122.2	77.0	97.4	112.0	114.4	132.7	175.6	199.7	202.4	226.6	264.9
S&P MidCap	100.0	110.3	119.1	76.0	104.3	132.1	129.8	152.9	204.1	224.0	219.1	264.5	295.9
NYSE ARCA Tobacco	100.0	140.2	154.2	123.0	173.7	207.4	243.9	289.5	319.0	317.0	384.1	484.4	486.6
Dow Jones Real Estate Total Return	100.0	135.5	110.9	66.5	86.9	110.4	117.1	139.2	141.6	180.2	184.1	198.0	212.2

Note: The graph above compares the total annual return of Vector's Common Stock, the S&P 500 Index, the S&P MidCap 400 Index, the NYSE ARCA Tobacco Index and the Dow Jones Real Estate Total Return for the period from December 31, 2005 through October 31, 2017. The graph assumes that all dividends and distributions were reinvested. Source: Bloomberg LP

