

VORNADO REALTY TRUST
Form 10-Q
October 29, 2018

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 10-Q

(Mark one)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended: September 30, 2018

Or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from: to

Commission File Number: 001-11954 (Vornado Realty Trust)

Commission File Number: 001-34482 (Vornado Realty L.P.)

Vornado Realty Trust

Vornado Realty L.P.

(Exact name of registrants as specified in its charter)

| | | |
|----------------------|--|---|
| Vornado Realty Trust | Maryland | 22-1657560 |
| | (State or other jurisdiction of incorporation or organization) | (I.R.S. Employer Identification Number) |

| | | |
|---------------------|--|---|
| Vornado Realty L.P. | Delaware | 13-3925979 |
| | (State or other jurisdiction of incorporation or organization) | (I.R.S. Employer Identification Number) |

888 Seventh Avenue, New York, New York 10019
(Address of principal executive offices) (Zip Code)

(212) 894-7000

(Registrants' telephone number, including area code)

N/A

(Former name, former address and former fiscal year, if changed since last report)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Vornado Realty Trust: Yes No Vornado Realty L.P.: Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

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Vornado Realty Trust: Yes No Vornado Realty L.P.: Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “non-accelerated filer,” “smaller reporting company” and “emerging growth company” in Rule 12b-2 of the Exchange Act.

Vornado Realty Trust:

Large Accelerated Filer Accelerated Filer
Non-Accelerated Filer Smaller Reporting Company
Emerging Growth Company

Vornado Realty L.P.:

Large Accelerated Filer Accelerated Filer
Non-Accelerated Filer Smaller Reporting Company
Emerging Growth Company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Vornado Realty Trust: Yes No Vornado Realty L.P.: Yes No

As of September 30, 2018, 190,285,799 of Vornado Realty Trust’s common shares of beneficial interest are outstanding.

EXPLANATORY NOTE

This report combines the quarterly reports on Form 10-Q for the period ended September 30, 2018 of Vornado Realty Trust and Vornado Realty L.P. Unless stated otherwise or the context otherwise requires, references to “Vornado” refer to Vornado Realty Trust, a Maryland real estate investment trust (“REIT”), and references to the “Operating Partnership” refer to Vornado Realty L.P., a Delaware limited partnership. References to the “Company,” “we,” “us” and “our” mean collectively Vornado, the Operating Partnership and those subsidiaries consolidated by Vornado.

The Operating Partnership is the entity through which we conduct substantially all of our business and own, either directly or through subsidiaries, substantially all of our assets. Vornado is the sole general partner and also a 93.5% limited partner of the Operating Partnership. As the sole general partner of the Operating Partnership, Vornado has exclusive control of the Operating Partnership’s day-to-day management.

Under the limited partnership agreement of the Operating Partnership, unitholders may present their Class A units for redemption at any time (subject to restrictions agreed upon at the time of issuance of the units that may restrict such right for a period of time). Class A units may be tendered for redemption to the Operating Partnership for cash; Vornado, at its option, may assume that obligation and pay the holder either cash or Vornado common shares on a one-for-one basis. Because the number of Vornado common shares outstanding at all times equals the number of Class A units owned by Vornado, the redemption value of each Class A unit is equivalent to the market value of one Vornado common share, and the quarterly distribution to a Class A unitholder is equal to the quarterly dividend paid to a Vornado common shareholder. This one-for-one exchange ratio is subject to specified adjustments to prevent dilution. Vornado generally expects that it will elect to issue its common shares in connection with each such presentation for redemption rather than having the Operating Partnership pay cash. With each such exchange or redemption, Vornado’s percentage ownership in the Operating Partnership will increase. In addition, whenever Vornado issues common shares other than to acquire Class A units of the Operating Partnership, Vornado must contribute any net proceeds it receives to the Operating Partnership and the Operating Partnership must issue to Vornado an equivalent number of Class A units of the Operating Partnership. This structure is commonly referred to as an umbrella partnership REIT, or UPREIT.

The Company believes that combining the quarterly reports on Form 10-Q of Vornado and the Operating Partnership into this single report provides the following benefits:

- enhances investors’ understanding of Vornado and the Operating Partnership by enabling investors to view the business as a whole in the same manner as management views and operates the business;
- eliminates duplicative disclosure and provides a more streamlined and readable presentation because a substantial portion of the disclosure applies to both Vornado and the Operating Partnership; and
- creates time and cost efficiencies in the preparation of one combined report instead of two separate reports.

The Company believes it is important to understand the few differences between Vornado and the Operating Partnership in the context of how Vornado and the Operating Partnership operate as a consolidated company. The financial results of the Operating Partnership are consolidated into the financial statements of Vornado. Vornado does not have any significant assets, liabilities or operations, other than its investment in the Operating Partnership. The Operating Partnership, not Vornado, generally executes all significant business relationships other than transactions involving the securities of Vornado. The Operating Partnership holds substantially all of the assets of Vornado. The Operating Partnership conducts the operations of the business and is structured as a partnership with no publicly traded equity. Except for the net proceeds from equity offerings by Vornado, which are contributed to the capital of the Operating Partnership in exchange for units of limited partnership in the Operating Partnership, as applicable, the Operating Partnership generates all remaining capital required by the Company’s business. These sources may include working capital, net cash provided by operating activities, borrowings under the revolving credit facility, the issuance of secured and unsecured debt and equity securities, and proceeds received from the disposition of certain properties.

To help investors better understand the key differences between Vornado and the Operating Partnership, certain information for Vornado and the Operating Partnership in this report has been separated, as set forth below:

Item 1. Financial Statements (unaudited), which includes the following specific disclosures for Vornado Realty Trust and Vornado Realty L.P.:

Note 13. Redeemable Noncontrolling Interests/Redeemable Partnership Units

Note 14. Shareholders' Equity/Partners' Capital

Note 21. Income (Loss) Per Share/Income (Loss) Per Class A Unit

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations includes information specific to each entity, where applicable.

This report also includes separate Part I, Item 4. Controls and Procedures sections and separate Exhibits 31 and 32 certifications for each of Vornado and the Operating Partnership in order to establish that the requisite certifications have been made and that Vornado and the Operating Partnership are compliant with Rule 13a-15 or Rule 15d-15 of the Securities Exchange Act of 1934 and 18 U.S.C. §1350.

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PART I. FINANCIAL INFORMATION
Item 1. Financial Statements
VORNADO REALTY TRUST
CONSOLIDATED BALANCE SHEETS
(UNAUDITED)

| (Amounts in thousands, except unit, share, and per share amounts) | September 30, 2018 | December 31, 2017 |
|---|-----------------------|----------------------|
| ASSETS | | |
| Real estate, at cost: | | |
| Land | \$ 3,306,264 | \$ 3,143,648 |
| Buildings and improvements | 10,083,313 | 9,898,605 |
| Development costs and construction in progress | 1,579,628 | 1,615,101 |
| Leasehold improvements and equipment | 106,945 | 98,941 |
| Total | 15,076,150 | 14,756,295 |
| Less accumulated depreciation and amortization | (3,109,361) | (2,885,283) |
| Real estate, net | 11,966,789 | 11,871,012 |
| Cash and cash equivalents | 772,524 | 1,817,655 |
| Restricted cash | 147,286 | 97,157 |
| Marketable securities | 157,951 | 182,752 |
| Tenant and other receivables, net of allowance for doubtful accounts of \$3,935 and \$5,526 | 69,796 | 58,700 |
| Investments in partially owned entities | 909,440 | 1,056,829 |
| Real estate fund investments | 369,767 | 354,804 |
| 220 Central Park South condominium units ready for sale | 307,552 | — |
| Receivable arising from the straight-lining of rents, net of allowance of \$1,705 and \$954 | 937,294 | 926,711 |
| Deferred leasing costs, net of accumulated amortization of \$202,480 and \$191,827 | 443,350 | 403,492 |
| Identified intangible assets, net of accumulated amortization of \$167,861 and \$150,837 | 139,994 | 159,260 |
| Assets related to discontinued operations | 74 | 1,357 |
| Other assets | 456,203 | 468,205 |
| | \$ 16,678,020 | \$ 17,397,934 |
| LIABILITIES, REDEEMABLE NONCONTROLLING INTERESTS AND EQUITY | | |
| Mortgages payable, net | \$ 8,119,075 | \$ 8,137,139 |
| Senior unsecured notes, net | 843,710 | 843,614 |
| Unsecured term loan, net | 749,874 | 748,734 |
| Unsecured revolving credit facilities | 80,000 | — |
| Accounts payable and accrued expenses | 415,531 | 415,794 |
| Deferred revenue | 176,211 | 227,069 |
| Deferred compensation plan | 102,281 | 109,177 |
| Liabilities related to discontinued operations | 205 | 3,620 |
| Preferred shares redeemed on January 4 and 11, 2018 | — | 455,514 |
| Other liabilities | 229,042 | 464,635 |
| Total liabilities | 10,715,929 | 11,405,296 |
| Commitments and contingencies | | |
| Redeemable noncontrolling interests: | | |
| Class A units - 12,591,157 and 12,528,899 units outstanding | 919,154 | 979,509 |
| Series D cumulative redeemable preferred units - 177,101 units outstanding | 5,428 | 5,428 |
| Total redeemable noncontrolling interests | 924,582 | 984,937 |
| Vornado's shareholders' equity: | | |
| Preferred shares of beneficial interest: no par value per share; authorized 110,000,000 shares; issued and outstanding 36,798,580 and 36,799,573 shares | 891,294 | 891,988 |

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| | | |
|--|---------------|---------------|
| Common shares of beneficial interest: \$0.04 par value per share; authorized 250,000,000 shares; issued and outstanding 190,285,799 and 189,983,858 shares | 7,589 | 7,577 |
| Additional capital | 7,580,463 | 7,492,658 |
| Earnings less than distributions | (4,135,602) | (4,183,253) |
| Accumulated other comprehensive income | 34,173 | 128,682 |
| Total Vornado shareholders' equity | 4,377,917 | 4,337,652 |
| Noncontrolling interests in consolidated subsidiaries | 659,592 | 670,049 |
| Total equity | 5,037,509 | 5,007,701 |
| | \$ 16,678,020 | \$ 17,397,934 |

See notes to consolidated financial statements (unaudited).

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VORNADO REALTY TRUST
CONSOLIDATED STATEMENTS OF INCOME
(UNAUDITED)

| (Amounts in thousands, except per share amounts) | For the Three Months | | For the Nine Months | |
|---|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | Ended September 30, 2018 | Ended September 30, 2017 | Ended September 30, 2018 | Ended September 30, 2017 |
| REVENUES: | | | | |
| Property rentals | \$437,560 | \$432,062 | \$1,322,265 | \$1,275,597 |
| Tenant expense reimbursements | 66,387 | 63,401 | 185,009 | 174,091 |
| Fee and other income | 38,101 | 33,292 | 113,029 | 98,212 |
| Total revenues | 542,048 | 528,755 | 1,620,303 | 1,547,900 |
| EXPENSES: | | | | |
| Operating | 235,575 | 225,226 | 709,158 | 661,585 |
| Depreciation and amortization | 113,169 | 104,972 | 333,701 | 315,223 |
| General and administrative | 31,977 | 34,286 | 108,937 | 115,866 |
| Expense from deferred compensation plan liability | 1,861 | 1,975 | 3,534 | 5,233 |
| Transaction related costs and other | 2,510 | 61 | 16,683 | 1,073 |
| Total expenses | 385,092 | 366,520 | 1,172,013 | 1,098,980 |
| Operating income | 156,956 | 162,235 | 448,290 | 448,920 |
| Income (loss) from partially owned entities | 7,206 | (41,801) | 6,059 | 5,578 |
| Loss from real estate fund investments | (190) | (6,308) | (37,973) | (1,649) |
| Interest and other investment income, net | 2,893 | 7,331 | 9,401 | 22,567 |
| Income from deferred compensation plan assets | 1,861 | 1,975 | 3,534 | 5,233 |
| Interest and debt expense | (88,951) | (85,068) | (264,774) | (252,581) |
| Net gains on disposition of wholly owned and partially owned assets | 141,269 | — | 164,828 | 501 |
| Income before income taxes | 221,044 | 38,364 | 329,365 | 228,569 |
| Income tax expense | (1,943) | (1,188) | (4,964) | (3,491) |
| Income from continuing operations | 219,101 | 37,176 | 324,401 | 225,078 |
| Income (loss) from discontinued operations | 61 | (47,930) | 381 | (14,501) |
| Net income (loss) | 219,162 | (10,754) | 324,782 | 210,577 |
| Less net (income) loss attributable to noncontrolling interests in: | | | | |
| Consolidated subsidiaries | (3,312) | (4,022) | 31,137 | (18,436) |
| Operating Partnership | (12,671) | 1,878 | (18,992) | (9,057) |
| Net income (loss) attributable to Vornado | 203,179 | (12,898) | 336,927 | 183,084 |
| Preferred share dividends | (12,534) | (16,128) | (38,103) | (48,386) |
| Preferred share issuance costs | — | — | (14,486) | — |
| NET INCOME (LOSS) attributable to common shareholders | \$190,645 | \$(29,026) | \$284,338 | \$134,698 |
| INCOME (LOSS) PER COMMON SHARE – BASIC: | | | | |
| Income from continuing operations, net | \$1.00 | \$0.09 | \$1.50 | \$0.78 |
| Loss from discontinued operations, net | — | (0.24) | — | (0.07) |
| Net income (loss) per common share | \$1.00 | \$(0.15) | \$1.50 | \$0.71 |
| Weighted average shares outstanding | 190,245 | 189,593 | 190,176 | 189,401 |
| INCOME (LOSS) PER COMMON SHARE – DILUTED: | | | | |
| Income from continuing operations, net | \$1.00 | \$0.09 | \$1.49 | \$0.78 |
| Loss from discontinued operations, net | — | (0.24) | — | (0.07) |
| Net income (loss) per common share | \$1.00 | \$(0.15) | \$1.49 | \$0.71 |
| Weighted average shares outstanding | 191,327 | 190,847 | 191,292 | 191,257 |

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| | | | | |
|----------------------------|--------|--------|--------|--------|
| DIVIDENDS PER COMMON SHARE | \$0.63 | \$0.60 | \$1.89 | \$2.02 |
|----------------------------|--------|--------|--------|--------|

See notes to consolidated financial statements (unaudited).

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VORNADO REALTY TRUST
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(UNAUDITED)

| (Amounts in thousands) | For the Three Months Ended September 30, | | For the Nine Months Ended September 30, | |
|---|---|------------|--|-----------|
| | 2018 | 2017 | 2018 | 2017 |
| Net income (loss) | \$219,162 | \$(10,754) | \$324,782 | \$210,577 |
| Other comprehensive income (loss): | | | | |
| Pro rata share of other comprehensive income (loss) of nonconsolidated subsidiaries | 253 | (626) | 989 | (1,657) |
| Increase (reduction) in unrealized net gain on available-for-sale securities | — | 5,656 | — | (10,559) |
| Pro rata share of amounts reclassified from accumulated other comprehensive (loss) income of a nonconsolidated subsidiary | — | (646) | — | 8,622 |
| Increase in value of interest rate swaps and other | 623 | 1,973 | 13,789 | 6,611 |
| Comprehensive income (loss) | 220,038 | (4,397) | 339,560 | 213,594 |
| Less comprehensive (income) loss attributable to noncontrolling interests | (16,037) | (2,539) | 11,232 | (27,681) |
| Comprehensive income (loss) attributable to Vornado | \$204,001 | \$(6,936) | \$350,792 | \$185,913 |

See notes to consolidated financial statements (unaudited).

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VORNADO REALTY TRUST
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(UNAUDITED)

| (Amounts in thousands) | Preferred Shares | | Common Shares | | Additional Capital | Earnings Less Than Distributions | Accumulated Other Comprehensive Income | Non-controlling Interests in Consolidated Subsidiaries | Total Equity |
|--|------------------|-----------|---------------|---------|--------------------|----------------------------------|--|--|--------------|
| | Shares | Amount | Shares | Amount | | | | | |
| Balance, December 31, 2017 | 36,800 | \$891,988 | 189,984 | \$7,577 | \$7,492,658 | \$(4,183,253) | \$128,682 | \$670,049 | \$5,007,701 |
| Cumulative effect of accounting change (see Note 3) | — | — | — | — | — | 122,893 | (108,374) | — | 14,519 |
| Net income attributable to Vornado | — | — | — | — | — | 336,927 | — | — | 336,927 |
| Net loss attributable to noncontrolling interests in consolidated subsidiaries | — | — | — | — | — | — | — | (31,137) | (31,137) |
| Dividends on common shares | — | — | — | — | — | (359,456) | — | — | (359,456) |
| Dividends on preferred shares | — | — | — | — | — | (38,103) | — | — | (38,103) |
| Preferred share issuance costs | — | (663) | — | — | — | (14,486) | — | — | (15,149) |
| Common shares issued: | | | | | | | | | |
| Upon redemption of Class A units, at redemption value | — | — | 201 | 8 | 14,081 | — | — | — | 14,089 |
| Under employees' share option plan | — | — | 77 | 3 | 4,223 | — | — | — | 4,226 |
| Under dividend reinvestment plan | — | — | 15 | 1 | 1,035 | — | — | — | 1,036 |
| Contributions: | | | | | | | | | |
| Real estate fund investments | — | — | — | — | — | — | — | 46,942 | 46,942 |
| Other | — | — | — | — | — | — | — | 14,577 | 14,577 |
| Distributions: | | | | | | | | | |
| Real estate fund investments | — | — | — | — | — | — | — | (12,665) | (12,665) |
| Other | — | — | — | — | — | — | — | (28,173) | (28,173) |
| Conversion of Series A | (1) | (31) | 2 | — | 31 | — | — | — | — |

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|---|--------|-----------|---------|---------|-------------|---------------|----------|-----------|-------------|
| preferred shares to common shares | | | | | | | | | |
| Deferred compensation shares and options | — | — | 7 | — | 871 | (121 |) — | — | 750 |
| Pro rata share of other comprehensive income of nonconsolidated subsidiaries | — | — | — | — | — | — | 989 | — | 989 |
| Increase in value of interest rate swaps | — | — | — | — | — | — | 13,789 | — | 13,789 |
| Unearned 2015 Out-Performance Plan awards acceleration | — | — | — | — | 9,046 | — | — | — | 9,046 |
| Adjustments to carry redeemable Class A units at redemption value | — | — | — | — | 57,970 | — | — | — | 57,970 |
| Redeemable noncontrolling interests' share of above adjustments | — | — | — | — | — | — | (913 |) — | (913 |
| Other | — | — | — | — | 548 | (3 |) — | (1 |) 544 |
| Balance, September 30, 2018 | 36,799 | \$891,294 | 190,286 | \$7,589 | \$7,580,463 | \$(4,135,602) | \$34,173 | \$659,592 | \$5,037,509 |

See notes to consolidated financial statements (unaudited).

VORNADO REALTY TRUST
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY - CONTINUED
(UNAUDITED)

| (Amounts in thousands) | Preferred Shares | | Common Shares | | Additional Capital | Earnings Less Than Distributions | Accumulated Other Comprehensive Income | Non-controlling Interests in Consolidated Subsidiaries | Total Equity |
|--|------------------|-------------|---------------|---------|--------------------|----------------------------------|--|--|--------------|
| | Shares | Amount | Shares | Amount | | | | | |
| Balance, December 31, 2016 | 42,825 | \$1,038,055 | 189,101 | \$7,542 | \$7,153,332 | \$(1,419,382) | \$118,972 | \$719,977 | \$7,618,496 |
| Net income attributable to Vornado | — | — | — | — | — | 183,084 | — | — | 183,084 |
| Net income attributable to noncontrolling interests in consolidated subsidiaries | — | — | — | — | — | — | — | 18,436 | 18,436 |
| Dividends on common shares | — | — | — | — | — | (382,552) | — | — | (382,552) |
| Dividends on preferred shares | — | — | — | — | — | (48,386) | — | — | (48,386) |
| Common shares issued: | | | | | | | | | |
| Upon redemption of Class A units, at redemption value | — | — | 349 | 14 | 34,550 | — | — | — | 34,564 |
| Under employees' share option plan | — | — | 409 | 15 | 23,877 | — | — | — | 23,892 |
| Under dividend reinvestment plan | — | — | 12 | — | 1,119 | — | — | — | 1,119 |
| Contributions | — | — | — | — | — | — | — | 1,044 | 1,044 |
| Distributions: | | | | | | | | | |
| JBG SMITH Properties | — | — | — | — | — | (2,430,427) | — | — | (2,430,427) |
| Real estate fund investments | — | — | — | — | — | — | — | (20,851) | (20,851) |
| Other | — | — | — | — | — | — | — | (1,815) | (1,815) |
| Conversion of Series A preferred shares to common shares | (2) | (44) | 2 | — | 44 | — | — | — | — |
| Deferred compensation shares and options | — | — | 1 | — | 1,975 | (418) | — | — | 1,557 |

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| | | | | | | | | | |
|---|--------|-------------|---------|---------|-------------|---------------|-----------|-----------|-------------|
| Reduction in unrealized net gain on available-for-sale securities | — | — | — | — | — | — | (10,559) | — | (10,559) |
| Pro rata share of amounts reclassified related to a nonconsolidated subsidiary | — | — | — | — | — | — | 8,622 | — | 8,622 |
| Pro rata share of other comprehensive loss of nonconsolidated subsidiaries | — | — | — | — | — | — | (1,657) | — | (1,657) |
| Increase in value of interest rate swaps | — | — | — | — | — | — | 6,611 | — | 6,611 |
| Adjustments to carry redeemable Class A units at redemption value | — | — | — | — | 286,928 | — | — | — | 286,928 |
| Redeemable noncontrolling interests' share of above adjustments | — | — | — | — | — | — | (188) | — | (188) |
| Other | — | — | 4 | — | (2) | (46) | — | (297) | (345) |
| Balance, September 30, 2017 | 42,823 | \$1,038,011 | 189,878 | \$7,571 | \$7,501,823 | \$(4,098,127) | \$121,801 | \$716,494 | \$5,287,573 |

See notes to consolidated financial statements (unaudited).

VORNADO REALTY TRUST
CONSOLIDATED STATEMENTS OF CASH FLOWS
(UNAUDITED)

| (Amounts in thousands) | For the Nine Months Ended September 30, | |
|--|--|------------|
| | 2018 | 2017 |
| Cash Flows from Operating Activities: | | |
| Net income | \$324,782 | \$210,577 |
| Adjustments to reconcile net income to net cash provided by operating activities: | | |
| Depreciation and amortization (including amortization of deferred financing costs) | 353,761 | 407,539 |
| Net gains on disposition of wholly owned and partially owned assets | (164,828) | (501) |
| Distributions of income from partially owned entities | 61,782 | 65,097 |
| Net realized and unrealized losses on real estate fund investments | 33,709 | 18,537 |
| Amortization of below-market leases, net | (31,480) | (35,446) |
| Other non-cash adjustments | 28,432 | 43,921 |
| Decrease in fair value of marketable securities | 24,801 | — |
| Return of capital from real estate fund investments | 20,291 | 80,294 |
| Straight-lining of rents | (10,279) | (37,752) |
| Equity in net income of partially owned entities | (6,059) | (6,013) |
| Net gains on sale of real estate and other | — | (3,797) |
| Changes in operating assets and liabilities: | | |
| Real estate fund investments | (68,950) | — |
| Tenant and other receivables, net | (11,662) | 5,485 |
| Prepaid assets | 74,322 | (70,949) |
| Other assets | (122,925) | (27,065) |
| Accounts payable and accrued expenses | (3,810) | 27,609 |
| Other liabilities | (13,849) | (15,911) |
| Net cash provided by operating activities | 488,038 | 661,625 |
| Cash Flows from Investing Activities: | | |
| Acquisitions of real estate and other | (500,225) | (11,841) |
| Development costs and construction in progress | (274,147) | (274,716) |
| Proceeds from sales of real estate and related investments | 219,731 | 9,543 |
| Additions to real estate | (163,546) | (207,759) |
| Distributions of capital from partially owned entities | 98,609 | 347,776 |
| Investments in partially owned entities | (32,728) | (33,578) |
| Repayment of JBG SMITH Properties loan receivable | — | 115,630 |
| Proceeds from repayments of mortgage loans receivable | — | 650 |
| Net cash used in investing activities | (652,306) | (54,295) |

See notes to consolidated financial statements (unaudited).

VORNADO REALTY TRUST
CONSOLIDATED STATEMENTS OF CASH FLOWS - CONTINUED
(UNAUDITED)

| (Amounts in thousands) | For the Nine Months Ended September 30, | |
|---|--|-------------|
| | 2018 | 2017 |
| Cash Flows from Financing Activities: | | |
| Redemption of preferred shares | \$(470,000) | \$— |
| Dividends paid on common shares | (359,456) | (382,552) |
| Proceeds from borrowings | 312,763 | 229,042 |
| Repayments of borrowings | (264,482) | (177,109) |
| Distributions to noncontrolling interests | (63,110) | (48,329) |
| Contributions from noncontrolling interests | 59,924 | 1,044 |
| Dividends paid on preferred shares | (42,582) | (48,386) |
| Debt issuance costs | (7,451) | (2,944) |
| Proceeds received from exercise of employee share options and other | 5,262 | 25,011 |
| Debt prepayment and extinguishment costs | (818) | — |
| Repurchase of shares related to stock compensation agreements and related tax withholdings and other | (784) | (418) |
| Cash and cash equivalents and restricted cash included in the spin-off of JBG SMITH Properties (\$275,000 plus The Bartlett financing proceeds less transaction costs and other mortgage items) | — | (416,237) |
| Net cash used in financing activities | (830,734) | (820,878) |
| Net decrease in cash and cash equivalents and restricted cash | (995,002) | (213,548) |
| Cash and cash equivalents and restricted cash at beginning of period | 1,914,812 | 1,599,331 |
| Cash and cash equivalents and restricted cash at end of period | \$919,810 | \$1,385,783 |
| Reconciliation of Cash and Cash Equivalents and Restricted Cash: | | |
| Cash and cash equivalents at beginning of period | \$1,817,655 | \$1,501,027 |
| Restricted cash at beginning of period | 97,157 | 95,032 |
| Restricted cash included in discontinued operations at beginning of period | — | 3,272 |
| Cash and cash equivalents and restricted cash at beginning of period | \$1,914,812 | \$1,599,331 |
| Cash and cash equivalents at end of period | \$772,524 | \$1,282,230 |
| Restricted cash at end of period | 147,286 | 103,553 |
| Restricted cash included in discontinued operations at end of period | — | — |
| Cash and cash equivalents and restricted cash at end of period | \$919,810 | \$1,385,783 |
| Supplemental Disclosure of Cash Flow Information: | | |
| Cash payments for interest, excluding capitalized interest of \$45,292 and \$31,243 | \$245,628 | \$257,173 |
| Cash payments for income taxes | \$61,047 | \$5,292 |
| Non-Cash Investing and Financing Activities: | | |
| Reclassification of condominium units from "development costs and construction in progress" to "220 Central Park South condominium units ready for sale" | \$307,552 | \$— |
| Accrued capital expenditures included in accounts payable and accrued expenses | 74,185 | 69,033 |
| Write-off of fully depreciated assets | (61,120) | (41,458) |
| Adjustments to carry redeemable Class A units at redemption value | 57,970 | 286,928 |

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Non-cash distribution to JBG SMITH Properties:

| | | |
|---|---|--------------|
| Assets | — | 3,432,738 |
| Liabilities | — | (1,414,186) |
| Equity | — | (2,018,552) |
| Loan receivable established upon the spin-off of JBG SMITH Properties | — | 115,630 |
| Reduction in unrealized net gain on available-for-sale securities | — | (10,559) |

See notes to consolidated financial statements (unaudited).

11

VORNADO REALTY L.P.
CONSOLIDATED BALANCE SHEETS
(UNAUDITED)

| (Amounts in thousands, except unit amounts) | September 30, 2018 | December 31, 2017 |
|---|-----------------------|----------------------|
| ASSETS | | |
| Real estate, at cost: | | |
| Land | \$ 3,306,264 | \$ 3,143,648 |
| Buildings and improvements | 10,083,313 | 9,898,605 |
| Development costs and construction in progress | 1,579,628 | 1,615,101 |
| Leasehold improvements and equipment | 106,945 | 98,941 |
| Total | 15,076,150 | 14,756,295 |
| Less accumulated depreciation and amortization | (3,109,361) | (2,885,283) |
| Real estate, net | 11,966,789 | 11,871,012 |
| Cash and cash equivalents | 772,524 | 1,817,655 |
| Restricted cash | 147,286 | 97,157 |
| Marketable securities | 157,951 | 182,752 |
| Tenant and other receivables, net of allowance for doubtful accounts of \$3,935 and \$5,526 | 69,796 | 58,700 |
| Investments in partially owned entities | 909,440 | 1,056,829 |
| Real estate fund investments | 369,767 | 354,804 |
| 220 Central Park South condominium units ready for sale | 307,552 | — |
| Receivable arising from the straight-lining of rents, net of allowance of \$1,705 and \$954 | 937,294 | 926,711 |
| Deferred leasing costs, net of accumulated amortization of \$202,480 and \$191,827 | 443,350 | 403,492 |
| Identified intangible assets, net of accumulated amortization of \$167,861 and \$150,837 | 139,994 | 159,260 |
| Assets related to discontinued operations | 74 | 1,357 |
| Other assets | 456,203 | 468,205 |
| | \$ 16,678,020 | \$ 17,397,934 |
| LIABILITIES, REDEEMABLE PARTNERSHIP UNITS AND EQUITY | | |
| Mortgages payable, net | \$ 8,119,075 | \$ 8,137,139 |
| Senior unsecured notes, net | 843,710 | 843,614 |
| Unsecured term loan, net | 749,874 | 748,734 |
| Unsecured revolving credit facilities | 80,000 | — |
| Accounts payable and accrued expenses | 415,531 | 415,794 |
| Deferred revenue | 176,211 | 227,069 |
| Deferred compensation plan | 102,281 | 109,177 |
| Liabilities related to discontinued operations | 205 | 3,620 |
| Preferred units redeemed on January 4 and 11, 2018 | — | 455,514 |
| Other liabilities | 229,042 | 464,635 |
| Total liabilities | 10,715,929 | 11,405,296 |
| Commitments and contingencies | | |
| Redeemable partnership units: | | |
| Class A units - 12,591,157 and 12,528,899 units outstanding | 919,154 | 979,509 |
| Series D cumulative redeemable preferred units - 177,101 units outstanding | 5,428 | 5,428 |
| Total redeemable partnership units | 924,582 | 984,937 |
| Equity: | | |
| Partners' capital | 8,479,346 | 8,392,223 |
| Earnings less than distributions | (4,135,602) | (4,183,253) |
| Accumulated other comprehensive income | 34,173 | 128,682 |

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| | | |
|---|---------------|---------------|
| Total Vornado Realty L.P. equity | 4,377,917 | 4,337,652 |
| Noncontrolling interests in consolidated subsidiaries | 659,592 | 670,049 |
| Total equity | 5,037,509 | 5,007,701 |
| | \$ 16,678,020 | \$ 17,397,934 |

See notes to consolidated financial statements (unaudited).

12

VORNADO REALTY L.P.
CONSOLIDATED STATEMENTS OF INCOME
(UNAUDITED)

| (Amounts in thousands, except per unit amounts) | For the Three Months Ended | | For the Nine Months Ended | |
|--|----------------------------|--------------------|---------------------------|--------------------|
| | September 30, 2018 | September 30, 2017 | September 30, 2018 | September 30, 2017 |
| REVENUES: | | | | |
| Property rentals | \$437,560 | \$432,062 | \$1,322,265 | \$1,275,597 |
| Tenant expense reimbursements | 66,387 | 63,401 | 185,009 | 174,091 |
| Fee and other income | 38,101 | 33,292 | 113,029 | 98,212 |
| Total revenues | 542,048 | 528,755 | 1,620,303 | 1,547,900 |
| EXPENSES: | | | | |
| Operating | 235,575 | 225,226 | 709,158 | 661,585 |
| Depreciation and amortization | 113,169 | 104,972 | 333,701 | 315,223 |
| General and administrative | 31,977 | 34,286 | 108,937 | 115,866 |
| Expense from deferred compensation plan liability | 1,861 | 1,975 | 3,534 | 5,233 |
| Transaction related costs and other | 2,510 | 61 | 16,683 | 1,073 |
| Total expenses | 385,092 | 366,520 | 1,172,013 | 1,098,980 |
| Operating income | 156,956 | 162,235 | 448,290 | 448,920 |
| Income (loss) from partially owned entities | 7,206 | (41,801) | 6,059 | 5,578 |
| Loss from real estate fund investments | (190) | (6,308) | (37,973) | (1,649) |
| Interest and other investment income, net | 2,893 | 7,331 | 9,401 | 22,567 |
| Income from deferred compensation plan assets | 1,861 | 1,975 | 3,534 | 5,233 |
| Interest and debt expense | (88,951) | (85,068) | (264,774) | (252,581) |
| Net gains on disposition of wholly owned and partially owned assets | 141,269 | — | 164,828 | 501 |
| Income before income taxes | 221,044 | 38,364 | 329,365 | 228,569 |
| Income tax expense | (1,943) | (1,188) | (4,964) | (3,491) |
| Income from continuing operations | 219,101 | 37,176 | 324,401 | 225,078 |
| Income (loss) from discontinued operations | 61 | (47,930) | 381 | (14,501) |
| Net income (loss) | 219,162 | (10,754) | 324,782 | 210,577 |
| Less net (income) loss attributable to noncontrolling interests in consolidated subsidiaries | (3,312) | (4,022) | 31,137 | (18,436) |
| Net income (loss) attributable to Vornado Realty L.P. | 215,850 | (14,776) | 355,919 | 192,141 |
| Preferred unit distributions | (12,582) | (16,176) | (38,248) | (48,531) |
| Preferred unit issuance costs | — | — | (14,486) | — |
| NET INCOME (LOSS) attributable to Class A unitholders | \$203,268 | \$(30,952) | \$303,185 | \$143,610 |
| INCOME (LOSS) PER CLASS A UNIT – BASIC: | | | | |
| Income from continuing operations, net | \$1.00 | \$0.08 | \$1.49 | \$0.77 |
| Loss from discontinued operations, net | — | (0.24) | — | (0.07) |
| Net income (loss) per Class A unit | \$1.00 | \$(0.16) | \$1.49 | \$0.70 |
| Weighted average units outstanding | 202,103 | 201,300 | 202,033 | 201,093 |
| INCOME (LOSS) PER CLASS A UNIT – DILUTED: | | | | |
| Income from continuing operations, net | \$0.99 | \$0.08 | \$1.48 | \$0.76 |
| Loss from discontinued operations, net | — | (0.24) | — | (0.07) |
| Net income (loss) per Class A unit | \$0.99 | \$(0.16) | \$1.48 | \$0.69 |
| Weighted average units outstanding | 203,594 | 203,113 | 203,400 | 203,311 |

| | | | | |
|--------------------------------|--------|--------|--------|--------|
| DISTRIBUTIONS PER CLASS A UNIT | \$0.63 | \$0.60 | \$1.89 | \$2.02 |
|--------------------------------|--------|--------|--------|--------|

See notes to consolidated financial statements (unaudited).

13

VORNADO REALTY L.P.
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(UNAUDITED)

| (Amounts in thousands) | For the Three Months Ended September 30, | | For the Nine Months Ended September 30, | |
|---|---|------------|--|-----------|
| | 2018 | 2017 | 2018 | 2017 |
| Net income (loss) | \$219,162 | \$(10,754) | \$324,782 | \$210,577 |
| Other comprehensive income (loss): | | | | |
| Pro rata share of other comprehensive income (loss) of nonconsolidated subsidiaries | 253 | (626) | 989 | (1,657) |
| Increase (reduction) in unrealized net gain on available-for-sale securities | — | 5,656 | — | (10,559) |
| Pro rata share of amounts reclassified from accumulated other comprehensive (loss) income of a nonconsolidated subsidiary | — | (646) | — | 8,622 |
| Increase in value of interest rate swaps and other | 623 | 1,973 | 13,789 | 6,611 |
| Comprehensive income (loss) | 220,038 | (4,397) | 339,560 | 213,594 |
| Less comprehensive (income) loss attributable to noncontrolling interests in consolidated subsidiaries | (3,312) | (4,022) | 31,137 | (18,436) |
| Comprehensive income (loss) attributable to Vornado | \$216,726 | \$(8,419) | \$370,697 | \$195,158 |

See notes to consolidated financial statements (unaudited).

VORNADO REALTY L.P.
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
(UNAUDITED)

| (Amounts in thousands) | Preferred Units | | Class A Units Owned by Vornado | | Earnings Less Than Distributions | Accumulated Other Comprehensive Income | Non-controlling Interests in Consolidated Subsidiaries | Total Equity |
|--|-----------------|-----------|--------------------------------|-------------|----------------------------------|--|--|--------------|
| | Units | Amount | Units | Amount | | | | |
| Balance, December 31, 2017 | 36,800 | \$891,988 | 189,984 | \$7,500,235 | \$(4,183,253) | \$128,682 | \$670,049 | \$5,007,701 |
| Cumulative effect of accounting change (see Note 3) | — | — | — | — | 122,893 | (108,374) | — | 14,519 |
| Net income attributable to Vornado Realty L.P. | — | — | — | — | 355,919 | — | — | 355,919 |
| Net income attributable to redeemable partnership units | — | — | — | — | (18,992) | — | — | (18,992) |
| Net loss attributable to noncontrolling interests in consolidated subsidiaries | — | — | — | — | — | — | (31,137) | (31,137) |
| Distributions to Vornado | — | — | — | — | (359,456) | — | — | (359,456) |
| Distributions to preferred unitholders | — | — | — | — | (38,103) | — | — | (38,103) |
| Preferred unit issuance costs | — | (663) | — | — | (14,486) | — | — | (15,149) |
| Class A Units issued to Vornado: | | | | | | | | |
| Upon redemption of redeemable Class A units, at redemption value | — | — | 201 | 14,089 | — | — | — | 14,089 |
| Under Vornado's employees' share option plan | — | — | 77 | 4,226 | — | — | — | 4,226 |
| Under Vornado's dividend reinvestment plan | — | — | 15 | 1,036 | — | — | — | 1,036 |
| Contributions: | | | | | | | | |
| Real estate fund investments | — | — | — | — | — | — | 46,942 | 46,942 |
| Other | — | — | — | — | — | — | 14,577 | 14,577 |
| Distributions: | | | | | | | | |
| | — | — | — | — | — | — | (12,665) | (12,665) |

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| | | | | | | | | | | | |
|--|--------|-----------|---------|-------------|---------------|----------|-----------|----|-------------|------|---|
| Real estate fund investments | | | | | | | | | | | |
| Other | — | — | — | — | — | — | (28,173 |) | (28,173 |) | |
| Conversion of Series A preferred units to Class A units | (1 |) | (31 |) | 2 | 31 | — | — | — | — | |
| Deferred compensation units and options | — | — | 7 | 871 | (121 |) | — | — | 750 | | |
| Pro rata share of other comprehensive income of nonconsolidated subsidiaries | — | — | — | — | — | — | 989 | — | 989 | | |
| Increase in value of interest rate swaps | — | — | — | — | — | — | 13,789 | — | 13,789 | | |
| Unearned 2015 Out-Performance Plan awards acceleration | — | — | — | 9,046 | — | — | — | — | 9,046 | | |
| Adjustments to carry redeemable Class A units at redemption value | — | — | — | 57,970 | — | — | — | — | 57,970 | | |
| Redeemable partnership units' share of above adjustments | — | — | — | — | — | — | (913 |) | — | (913 |) |
| Other | — | — | — | 548 | (3 |) | — | (1 |) | 544 | |
| Balance, September 30, 2018 | 36,799 | \$891,294 | 190,286 | \$7,588,052 | \$(4,135,602) | \$34,173 | \$659,592 | | \$5,037,509 | | |

See notes to consolidated financial statements (unaudited).

VORNADO REALTY L.P.
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY - CONTINUED
(UNAUDITED)

| (Amounts in thousands) | Preferred Units | | Class A Units Owned by Vornado | | Earnings Less Than Distributions | Accumulated Other Comprehensive Income | Non-controlling Interests in Consolidated Subsidiaries | Total Equity |
|--|-----------------|-------------|--------------------------------|-------------|----------------------------------|--|--|--------------|
| | Units | Amount | Units | Amount | | | | |
| Balance, December 31, 2016 | 42,825 | \$1,038,055 | 189,101 | \$7,160,874 | \$(1,419,382) | \$118,972 | \$719,977 | \$7,618,496 |
| Net income attributable to Vornado Realty L.P. | — | — | — | — | 192,141 | — | — | 192,141 |
| Net income attributable to redeemable partnership units | — | — | — | — | (9,057) | — | — | (9,057) |
| Net income attributable to noncontrolling interests in consolidated subsidiaries | — | — | — | — | — | — | 18,436 | 18,436 |
| Distributions to Vornado | — | — | — | — | (382,552) | — | — | (382,552) |
| Distributions to preferred unitholders | — | — | — | — | (48,386) | — | — | (48,386) |
| Class A Units issued to Vornado: | | | | | | | | |
| Upon redemption of redeemable Class A units, at redemption value | — | — | 349 | 34,564 | — | — | — | 34,564 |
| Under Vornado's employees' share option plan | — | — | 409 | 23,892 | — | — | — | 23,892 |
| Under Vornado's dividend reinvestment plan | — | — | 12 | 1,119 | — | — | — | 1,119 |
| Contributions | — | — | — | — | — | — | 1,044 | 1,044 |
| Distributions: | | | | | | | | |
| JBG SMITH Properties | — | — | — | — | (2,430,427) | — | — | (2,430,427) |
| Real estate fund investments | — | — | — | — | — | — | (20,851) | (20,851) |
| Other | — | — | — | — | — | — | (1,815) | (1,815) |

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| | | | | | | | | |
|--|--------|-------------|---------|-------------|---------------|-----------|-----------|-------------|
| Conversion of Series A preferred units to Class A units | (2 |) (44 |) 2 | 44 | — | — | — | — |
| Deferred compensation units and options | — | — | 1 | 1,975 | (418 |) — | — | 1,557 |
| Reduction in unrealized net gain on available-for-sale securities | — | — | — | — | — | (10,559 |) — | (10,559 |
| Pro rata share of amounts reclassified related to a nonconsolidated subsidiary | — | — | — | — | — | 8,622 | — | 8,622 |
| Pro rata share of other comprehensive loss of nonconsolidated subsidiaries | — | — | — | — | — | (1,657 |) — | (1,657 |
| Increase in value of interest rate swaps | — | — | — | — | — | 6,611 | — | 6,611 |
| Adjustments to carry redeemable Class A units at redemption value | — | — | — | 286,928 | — | — | — | 286,928 |
| Redeemable partnership units' share of above adjustments | — | — | — | — | — | (188 |) — | (188 |
| Other | — | — | 4 | (2 |) (46 |) — | (297 |) (345 |
| Balance, September 30, 2017 | 42,823 | \$1,038,011 | 189,878 | \$7,509,394 | \$(4,098,127) | \$121,801 | \$716,494 | \$5,287,573 |

See notes to consolidated financial statements (unaudited).

VORNADO REALTY L.P.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(UNAUDITED)

| (Amounts in thousands) | For the Nine Months Ended September 30, | |
|--|--|------------|
| | 2018 | 2017 |
| Cash Flows from Operating Activities: | | |
| Net income | \$324,782 | \$210,577 |
| Adjustments to reconcile net income to net cash provided by operating activities: | | |
| Depreciation and amortization (including amortization of deferred financing costs) | 353,761 | 407,539 |
| Net gains on disposition of wholly owned and partially owned assets | (164,828) | (501) |
| Distributions of income from partially owned entities | 61,782 | 65,097 |
| Net realized and unrealized losses on real estate fund investments | 33,709 | 18,537 |
| Amortization of below-market leases, net | (31,480) | (35,446) |
| Other non-cash adjustments | 28,432 | 43,921 |
| Decrease in fair value of marketable securities | 24,801 | — |
| Return of capital from real estate fund investments | 20,291 | 80,294 |
| Straight-lining of rents | (10,279) | (37,752) |
| Equity in net income of partially owned entities | (6,059) | (6,013) |
| Net gains on sale of real estate and other | — | (3,797) |
| Changes in operating assets and liabilities: | | |
| Real estate fund investments | (68,950) | — |
| Tenant and other receivables, net | (11,662) | 5,485 |
| Prepaid assets | 74,322 | (70,949) |
| Other assets | (122,925) | (27,065) |
| Accounts payable and accrued expenses | (3,810) | 27,609 |
| Other liabilities | (13,849) | (15,911) |
| Net cash provided by operating activities | 488,038 | 661,625 |
| Cash Flows from Investing Activities: | | |
| Acquisitions of real estate and other | (500,225) | (11,841) |
| Development costs and construction in progress | (274,147) | (274,716) |
| Proceeds from sales of real estate and related investments | 219,731 | 9,543 |
| Additions to real estate | (163,546) | (207,759) |
| Distributions of capital from partially owned entities | 98,609 | 347,776 |
| Investments in partially owned entities | (32,728) | (33,578) |
| Repayment of JBG SMITH Properties loan receivable | — | 115,630 |
| Proceeds from repayments of mortgage loans receivable | — | 650 |
| Net cash used in investing activities | (652,306) | (54,295) |

See notes to consolidated financial statements (unaudited).

VORNADO REALTY L.P.
CONSOLIDATED STATEMENTS OF CASH FLOWS - CONTINUED
(UNAUDITED)

| (Amounts in thousands) | For the Nine Months Ended September 30, | |
|---|--|-------------|
| | 2018 | 2017 |
| Cash Flows from Financing Activities: | | |
| Redemption of preferred units | \$(470,000) | \$— |
| Distributions to Vornado | (359,456) | (382,552) |
| Proceeds from borrowings | 312,763 | 229,042 |
| Repayments of borrowings | (264,482) | (177,109) |
| Distributions to redeemable security holders and noncontrolling interests in consolidated subsidiaries | (63,110) | (48,329) |
| Contributions from noncontrolling interests in consolidated subsidiaries | 59,924 | 1,044 |
| Distributions to preferred unitholders | (42,582) | (48,386) |
| Debt issuance costs | (7,451) | (2,944) |
| Proceeds received from exercise of Vornado stock options and other | 5,262 | 25,011 |
| Debt repayment and extinguishment costs | (818) | — |
| Repurchase of Class A units related to stock compensation agreements and related tax withholdings and other | (784) | (418) |
| Cash and cash equivalents and restricted cash included in the spin-off of JBG SMITH Properties (\$275,000 plus The Bartlett financing proceeds less transaction costs and other mortgage items) | — | (416,237) |
| Net cash used in financing activities | (830,734) | (820,878) |
| Net decrease in cash and cash equivalents and restricted cash | (995,002) | (213,548) |
| Cash and cash equivalents and restricted cash at beginning of period | 1,914,812 | 1,599,331 |
| Cash and cash equivalents and restricted cash at end of period | \$919,810 | \$1,385,783 |
| Reconciliation of Cash and Cash Equivalents and Restricted Cash: | | |
| Cash and cash equivalents at beginning of period | \$1,817,655 | \$1,501,027 |
| Restricted cash at beginning of period | 97,157 | 95,032 |
| Restricted cash included in discontinued operations at beginning of period | — | 3,272 |
| Cash and cash equivalents and restricted cash at beginning of period | \$1,914,812 | \$1,599,331 |
| Cash and cash equivalents at end of period | \$772,524 | \$1,282,230 |
| Restricted cash at end of period | 147,286 | 103,553 |
| Restricted cash included in discontinued operations at end of period | — | — |
| Cash and cash equivalents and restricted cash at end of period | \$919,810 | \$1,385,783 |
| Supplemental Disclosure of Cash Flow Information: | | |
| Cash payments for interest, excluding capitalized interest of \$45,292 and \$31,243 | \$245,628 | \$257,173 |
| Cash payments for income taxes | \$61,047 | \$5,292 |
| Non-Cash Investing and Financing Activities: | | |
| Reclassification of condominium units from "development costs and construction in progress" to "220 Central Park South condominium units ready for sale" | \$307,552 | \$— |
| Accrued capital expenditures included in accounts payable and accrued expenses | 74,185 | 69,033 |
| Write-off of fully depreciated assets | (61,120) | (41,458) |
| Adjustments to carry redeemable Class A units at redemption value | 57,970 | 286,928 |

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Non-cash distribution to JBG SMITH Properties:

| | | |
|---|---|--------------|
| Assets | — | 3,432,738 |
| Liabilities | — | (1,414,186) |
| Equity | — | (2,018,552) |
| Loan receivable established upon the spin-off of JBG SMITH Properties | — | 115,630 |
| Reduction in unrealized net gain on available-for-sale securities | — | (10,559) |

See notes to consolidated financial statements (unaudited).

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VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

1. Organization

Vornado Realty Trust (“Vornado”) is a fully integrated real estate investment trust (“REIT”) and conducts its business through, and substantially all of its interests in properties are held by, Vornado Realty L.P., a Delaware limited partnership (the “Operating Partnership”). Vornado is the sole general partner of, and owned approximately 93.5% of the common limited partnership interest in, the Operating Partnership as of September 30, 2018. All references to the “Company,” “we,” “us,” and “our” mean collectively Vornado, the Operating Partnership and those entities/subsidiaries consolidated by Vornado.

2. Basis of Presentation

The accompanying consolidated financial statements are unaudited and include the accounts of Vornado and the Operating Partnership and their consolidated subsidiaries. All inter-company amounts have been eliminated. In our opinion, all adjustments (which include only normal recurring adjustments) necessary to present fairly the financial position, results of operations and changes in cash flows have been made. Certain information and footnote disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States of America (“GAAP”) have been condensed or omitted. These condensed consolidated financial statements have been prepared in accordance with the instructions to Form 10-Q of the Securities and Exchange Commission (“SEC”) and should be read in conjunction with the consolidated financial statements and notes thereto included in our Annual Report on Form 10-K for the year ended December 31, 2017, as filed with the SEC.

We have made estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting periods. Actual results could differ from those estimates. The results of operations for the three and nine months ended September 30, 2018 are not necessarily indicative of the operating results for the full year.

Certain prior year balances have been reclassified in order to conform to the current period presentation. For the three and nine months ended September 30, 2017, an expense of \$1,975,000 and \$5,233,000, respectively, related to the mark-to-market of our deferred compensation plan liability was reclassified from “general and administrative expenses” to “expense from deferred compensation plan liability” and income of \$1,975,000 and \$5,233,000, respectively, related to the mark-to-market of our deferred compensation plan assets was reclassified from “interest and other investment income, net” to “income from deferred compensation plan assets” on our consolidated statements of income. In addition, for the nine months ended September 30, 2017, an expense of \$1,062,000 related to New York City Unincorporated Business Tax was reclassified from “general and administrative expenses” to “income tax expense” on our consolidated statements of income.

3. Recently Issued Accounting Literature

In May 2014, the Financial Accounting Standards Board (“FASB”) issued an update (“ASU 2014-09”) establishing Accounting Standards Codification (“ASC”) Topic 606, Revenue from Contracts with Customers (“ASC 606”). ASU 2014-09, as amended by subsequent ASUs on the topic, establishes a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers and supersedes most of the existing revenue recognition guidance. This standard, which is effective for interim and annual reporting periods in fiscal years that begin after December 15, 2017, requires an entity to recognize revenue to depict the transfer of promised goods or services to

customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services and also requires certain additional disclosures. We adopted this standard effective January 1, 2018 using the modified retrospective method applied to all existing contracts not yet completed as of January 1, 2018 and recorded a \$14,519,000 cumulative-effect adjustment to beginning accumulated deficit. The adoption of ASC 606 did not have a material impact on our financial statements (see Note 4 - Revenue Recognition).

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

3. Recently Issued Accounting Literature - continued

In January 2016, the FASB issued an update (“ASU 2016-01”) Recognition and Measurement of Financial Assets and Financial Liabilities to ASC Topic 825, Financial Instruments. ASU 2016-01 amends certain aspects of recognition, measurement, presentation and disclosure of financial instruments. ASU 2016-01 is effective for interim and annual reporting periods in fiscal years beginning after December 15, 2017. We adopted this update effective January 1, 2018 using the modified retrospective approach. While the adoption of this update requires us to continue to measure “marketable securities” at fair value on each reporting date, the changes in fair value will be recognized in current period earnings as opposed to “other comprehensive income (loss).” As a result, on January 1, 2018 we recorded a decrease to beginning accumulated deficit of \$111,225,000 to recognize the unrealized gains previously recorded in “accumulated other comprehensive income” on our consolidated balance sheets. Subsequent changes in the fair value of our marketable securities will be recorded to “interest and other investment income, net” on our consolidated statements of income. For the three and nine months ended September 30, 2018, we recorded a decrease of \$7,699,000 and \$24,801,000, respectively, in the fair value of our marketable securities which is included in “interest and other investment income, net” on our consolidated statements of income.

In February 2016, the FASB issued an update (“ASU 2016-02”) establishing ASC Topic 842, Leases, as amended by subsequent ASUs on the topic, which sets out the principles for the recognition, measurement, presentation and disclosure of leases for both lessees and lessors. ASU 2016-02 requires lessees to apply a two-method approach, classifying leases as either finance or operating leases based on the principle of whether or not the lease is effectively a financed purchase. Lessees are required to record a right-of-use asset and a lease liability for all leases with a term of greater than 12 months. Leases with a term of 12 months or less will be accounted for similar to existing guidance for operating leases. Lessees will recognize expense based on the effective interest method for finance leases or on a straight-line basis for operating leases. The accounting applied by the lessor is largely unchanged from that applied under the existing lease standard. We are currently evaluating the overall impact of the adoption of ASU 2016-02 on our consolidated financial statements and believe that the standard will more significantly impact the accounting for leases in which we are a lessee. We have a number of ground leases, which are classified as operating leases, for which we will be required to record a right-of-use asset and lease liability equal to the present value of the remaining minimum lease payments, and will continue to recognize expense on a straight-line basis upon adoption of this standard. Under ASU 2016-02, initial direct costs for both lessees and lessors would include only those costs that are incremental to the arrangement and would not have been incurred if the lease had not been obtained. As a result, we will no longer be able to capitalize internal leasing costs and instead will be required to expense these costs as incurred. During the three and nine months ended September 30, 2018 and 2017, we capitalized internal leasing costs of \$1,444,000 and \$1,280,000, and \$3,883,000 and \$3,494,000 respectively, excluding our former Washington, DC segment which was spun-off on July 17, 2017. ASU 2016-02 is effective for reporting periods beginning after December 15, 2018, with early adoption permitted. In July 2018, the FASB issued an update (“ASU 2018-11”) Leases: Targeted improvements, which provides companies with an additional transition option that would permit the application of ASU 2016-02 as of the adoption date rather than to all periods presented. We plan to utilize this transition option when we adopt this standard on January 1, 2019 and plan to elect to use the transition practical expedients package available to us under the new standard.

In February 2017, the FASB issued an update (“ASU 2017-05”) Clarifying the Scope of Asset Derecognition Guidance and Accounting for Partial Sales of Nonfinancial Assets to ASC Subtopic 610-20, Other Income-Gains and Losses from the Derecognition of Nonfinancial Assets. ASU 2017-05 clarifies the scope of recently established guidance on nonfinancial asset derecognition, as well as the accounting for partial sales of nonfinancial assets. This update conforms the derecognition guidance on nonfinancial assets with the model for transactions in ASC 606. ASU 2017-05 is effective for interim and annual reporting periods in fiscal years beginning after December 15, 2017. We

adopted this update on January 1, 2018 using the modified retrospective approach applied to all contracts not yet completed. The adoption of this update did not have a material impact on our consolidated financial statements.

In May 2017, the FASB issued an update (“ASU 2017-09”) Scope of Modification Accounting to ASC Topic 718, Compensation - Stock Compensation (“ASC 718”). ASU 2017-09 provides guidance about which changes to the terms and conditions of a share-based payment award require an entity to apply modification accounting in ASC 718. ASU 2017-09 is effective for interim and annual reporting periods in fiscal years beginning after December 15, 2017. The adoption of this update on January 1, 2018 did not have a material impact on our consolidated financial statements.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

3. Recently Issued Accounting Literature - continued

In August 2017, the FASB issued an update (“ASU 2017-12”) Targeted Improvements to Accounting for Hedging Activities to ASC Topic 815, Derivatives and Hedging (“ASC 815”). ASU 2017-12 amends the hedge accounting recognition and presentation requirements in ASC 815. The update is intended to more closely align hedge accounting with companies’ risk management strategies, simplify the application of hedge accounting and increase transparency as to the scope and results of hedge programs. ASU 2017-12 requires subsequent changes in fair value of a hedging instrument that has been designated and qualifies as a cash flow hedge to be recognized as a component of “other comprehensive income (loss).” ASU 2017-12 is effective for interim and annual reporting periods in fiscal years beginning after December 15, 2018, with early adoption permitted. We early adopted ASU 2017-12 on January 1, 2018 using the modified retrospective approach. The adoption of this update did not have a material impact on our consolidated financial statements.

In August 2018, the FASB issued an update (“ASU 2018-13”) Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Measurement to ASC Topic 820, Fair Value Measurement (“ASC 820”). ASU 2018-13 modifies the disclosure requirements for fair value measurements by removing, modifying, and/or adding certain disclosures. ASU 2018-13 is effective for interim and annual reporting periods in fiscal years beginning after December 15, 2019. An entity is permitted to early adopt by modifying existing disclosures and delay adoption of the additional disclosures until the effective date. We are currently evaluating the impact of the adoption of this update on our consolidated financial statements and disclosures.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

4. Revenue Recognition

On January 1, 2018, we adopted ASC 606 which establishes a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers and supersedes most of the existing revenue recognition guidance. This standard requires us to recognize for certain of our revenue sources the transfer of promised goods or services to customers in an amount that reflects the consideration we are entitled to in exchange for those goods or services. We adopted this standard effective January 1, 2018 using the modified retrospective method applied to all existing contracts not yet completed as of January 1, 2018 and recorded a \$14,519,000 cumulative-effect adjustment to beginning accumulated deficit. The adoption of ASC 606 did not have a material impact on our consolidated financial statements.

Our revenues primarily consist of property rentals, tenant expense reimbursements, and fee and other income. We operate in two reportable segments: New York and Other, with a significant portion of our revenues included in the “New York” segment. We have the following revenue sources and revenue recognition policies:

Base rent is revenue arising from tenant leases. These rents are recognized over the non-cancelable term of the related leases on a straight-line basis which includes the effects of rent steps and rent abatements. We commence rental revenue recognition when the tenant takes possession of the leased space and the leased space is substantially ready for its intended use. In addition, in circumstances where we provide a tenant improvement allowance for improvements that are owned by the tenant, we recognize the allowance as a reduction of rental revenue on a straight-line basis over the term of the lease.

Hotel revenue arising from the operation of Hotel Pennsylvania consists of room revenue, food and beverage revenue, and banquet revenue. Room revenue is recognized when rooms are occupied. Food and beverage and banquet revenue are recognized when the services have been transferred.

Trade shows revenue arising from the operation of trade shows is primarily booth rentals. This revenue is recognized upon the occurrence of the trade shows.

Operating expense reimbursements is revenue arising from tenant leases which provide for the recovery of all or a portion of the operating expenses and real estate taxes of the common areas of our properties. Revenue is recognized in the same period as the related expenses are incurred.

Tenant services is revenue arising from sub-metered electric, elevator, trash removal and other services provided to tenants at their request. This revenue is recognized as the services are transferred.

Fee and other income includes management, leasing and other revenue arising from contractual agreements with third parties or with partially owned entities, and includes Building Maintenance Service (“BMS”) cleaning, engineering and security services. This revenue is recognized as the services are transferred. Fee and other income also includes lease termination fee income which is recognized immediately if a tenant vacates or is recognized on a straight-line basis over the shortened remaining lease term.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

4. Revenue Recognition - continued

Below is a summary of our revenues by segment. Base rent, operating expense reimbursements and lease terminations represent revenues from leases and are recognized in accordance with ASC Topic 840, Leases. Revenues from Hotel Pennsylvania, trade shows, tenant services, BMS cleaning fees, management and leasing fees and other income represent revenues recognized in accordance with ASC 606. Additional financial information related to these reportable segments for the three and nine months ended September 30, 2018 and 2017 is set forth in Note 23 - Segment Information.

| (Amounts in thousands) | For the Three Months Ended September 30, 2018 | | | For the Three Months Ended September 30, 2017 | | |
|----------------------------------|--|-------------|-------------------------|--|-------------|-------------------------|
| | Total | New York | Other | Total | New York | Other |
| Base rent | \$403,029 | \$339,939 | \$63,090 | \$398,734 | \$339,717 | \$59,017 |
| Hotel Pennsylvania | 26,088 | 26,088 | — | 25,421 | 25,421 | — |
| Trade shows | 8,443 | — | 8,443 | 7,907 | — | 7,907 |
| Property rentals | 437,560 | 366,027 | 71,533 | 432,062 | 365,138 | 66,924 |
| Operating expense reimbursements | 50,760 | 47,361 | 3,399 | 47,462 | 43,796 | 3,666 |
| Tenant services | 15,627 | 11,696 | 3,931 | 15,939 | 12,188 | 3,751 |
| Tenant expense reimbursements | 66,387 | 59,057 | 7,330 | 63,401 | 55,984 | 7,417 |
| BMS cleaning fees | 28,873 | 31,328 | (2,455) ⁽¹⁾ | 26,429 | 28,155 | (1,726) ⁽¹⁾ |
| Management and leasing fees | 4,734 | 4,439 | 295 | 2,330 | 2,101 | 229 |
| Lease termination fees | 356 | 58 | 298 | 991 | 984 | 7 |
| Other income | 4,138 | 1,537 | 2,601 | 3,542 | 1,247 | 2,295 |
| Fee and other income | 38,101 | 37,362 | 739 | 33,292 | 32,487 | 805 |
| Total revenues | \$542,048 | \$462,446 | \$79,602 | \$528,755 | \$453,609 | \$75,146 |

| (Amounts in thousands) | For the Nine Months Ended September 30, 2018 | | | For the Nine Months Ended September 30, 2017 | | |
|----------------------------------|---|-------------|-------------------------|---|-------------|-------------------------|
| | Total | New York | Other | Total | New York | Other |
| Base rent | \$1,215,520 | \$1,027,697 | \$187,823 | \$1,175,692 | \$999,875 | \$175,817 |
| Hotel Pennsylvania | 67,842 | 67,842 | — | 63,047 | 63,047 | — |
| Trade shows | 38,903 | — | 38,903 | 36,858 | — | 36,858 |
| Property rentals | 1,322,265 | 1,095,539 | 226,726 | 1,275,597 | 1,062,922 | 212,675 |
| Operating expense reimbursements | 143,412 | 132,443 | 10,969 | 132,828 | 122,247 | 10,581 |
| Tenant services | 41,597 | 31,854 | 9,743 | 41,263 | 32,817 | 8,446 |
| Tenant expense reimbursements | 185,009 | 164,297 | 20,712 | 174,091 | 155,064 | 19,027 |
| BMS cleaning fees | 88,095 | 94,888 | (6,793) ⁽¹⁾ | 75,925 | 80,895 | (4,970) ⁽¹⁾ |
| Management and leasing fees | 10,205 | 9,384 | 821 | 7,382 | 6,593 | 789 |
| Lease termination fees | 1,505 | 766 | 739 | 5,947 | 5,773 | 174 |
| Other income | 13,224 | 4,608 | 8,616 | 8,958 | 5,463 | 3,495 |
| Fee and other income | 113,029 | 109,646 | 3,383 | 98,212 | 98,724 | (512) |
| Total revenues | \$1,620,303 | \$1,369,482 | \$250,821 | \$1,547,900 | \$1,316,710 | \$231,190 |

(1) Represents the elimination of intercompany fees from the New York segment upon consolidation.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

5. Acquisitions

537 West 26th Street

On February 9, 2018, we acquired 537 West 26th Street, a 14,000 square foot commercial property adjacent to our 260 Eleventh Avenue office property, and 55,000 square feet of additional zoning air rights for \$44,000,000.

1535 Broadway

On July 30, 2012, we entered into a lease with Host Hotels & Resorts, Inc. (NYSE: HST) (“Host”), under which we redeveloped the retail and signage components of the Marriott Times Square Hotel. We accounted for this lease as a “capital lease” and recorded a \$240,000,000 capital lease asset and liability. On September 21, 2018, we acquired the retail condominium from Host for \$442,000,000 (inclusive of the \$240,000,000 capital lease liability). The original lease transaction provided that we would become the 100% owner through a put/call arrangement, based on a pre-negotiated formula. This transaction satisfies the put/call arrangement. Our 100% fee interest includes 45,000 square feet of retail, the 1,611 seat Marquis Theater and the largest digital sign in New York with a 330 linear foot, 25,000 square foot display.

6. Real Estate Fund Investments

We are the general partner and investment manager of Vornado Capital Partners Real Estate Fund (the “Fund”) and own a 25.0% interest in the Fund, which had an initial eight-year term ending February 2019. On January 29, 2018, the Fund's term was extended to February 2023. The Fund's three-year investment period ended in July 2013. The Fund is accounted for under ASC Topic 946, Financial Services – Investment Companies (“ASC 946”) and its investments are reported on its balance sheet at fair value, with changes in value each period recognized in earnings. We consolidate the accounts of the Fund into our consolidated financial statements, retaining the fair value basis of accounting.

We are also the general partner and investment manager of the Crowne Plaza Times Square Hotel Joint Venture (the “Crowne Plaza Joint Venture”) and own a 57.1% interest in the joint venture which owns the 24.7% interest in the Crowne Plaza Times Square Hotel not owned by the Fund. The Crowne Plaza Joint Venture is also accounted for under ASC 946 and we consolidate the accounts of the joint venture into our consolidated financial statements, retaining the fair value basis of accounting.

On January 17, 2018, the Fund completed the sale of the retail condominium at 11 East 68th Street, a property located on Madison Avenue and 68th Street, for \$82,000,000. From the inception of this investment through its disposition, the Fund realized a \$46,259,000 net gain.

In March 2011, a joint venture (the “Joint Venture”) owned 64.7% by the Fund, 30.3% by Vornado and 5.0% by a third party, acquired One Park Avenue for \$394,000,000. In connection with the acquisition, the Joint Venture paid \$3,000,000 of New York City real property transfer tax (the “Transfer Tax”) and filed a Real Property Tax Return (“RPTR”) with the New York City Department of Finance (the “Department of Finance”). The RPTR was audited by the Department of Finance in 2014 and an increased Transfer Tax was assessed. The Joint Venture appealed the increased Transfer Tax assessment and the Joint Venture's appeal was upheld by a New York City Administrative Law Judge (“ALJ”) in January 2017. The Department of Finance appealed the ALJ's decision and on February 16, 2018 the New York City Tax Appeals Tribunal (the “Tax Tribunal”) reversed the ALJ's decision and assessed \$9,491,000 of additional Transfer Tax and \$6,764,000 of interest. As a result of the Tax Tribunal's decision, we recorded an expense of \$15,608,000, before noncontrolling interests, during the first quarter of 2018, which was subsequently paid on April 5,

2018, in order to permit us to appeal the Tax Tribunal's decision and stop the accrual of interest, of which \$10,630,000 is included in "loss from real estate fund investments" and \$4,978,000 is included in "income (loss) from partially owned entities" (see Note 8 - Investments in Partially Owned Entities) on our consolidated statements of income for the nine months ended September 30, 2018. We are appealing the Tax Tribunal's decision.

On April 19, 2018, the joint venture between the Fund and the Crowne Plaza Joint Venture completed a \$255,000,000 refinancing of the Crowne Plaza Times Square Hotel. The interest-only loan is at LIBOR plus 3.51% (5.66% at September 30, 2018) and matures in May 2020 with three one-year extension options. In connection therewith, the joint venture purchased an interest rate cap that caps LIBOR at a rate of 4.00%. The Crowne Plaza Times Square Hotel was previously encumbered by a \$310,000,000 interest-only mortgage at LIBOR plus 2.80%, which was scheduled to mature in December 2018.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

6. Real Estate Fund Investments - continued

As of September 30, 2018, we had four real estate fund investments through the Fund and the Crowne Plaza Joint Venture with an aggregate fair value of \$369,767,000, or \$44,203,000 in excess of cost, and had remaining unfunded commitments of \$50,494,000, of which our share was \$16,119,000. At December 31, 2017, we had five real estate fund investments with an aggregate fair value of \$354,804,000.

Below is a summary of loss from the Fund and the Crowne Plaza Joint Venture for the three and nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three Months Ended September 30, | | For the Nine Months Ended September 30, | |
|--|--|------------|---|-------------|
| | 2018 | 2017 | 2018 | 2017 |
| Net investment income | \$3,093 | \$6,028 | \$6,366 | \$16,888 |
| Net unrealized loss on held investments | (3,283) | (11,220) | (32,796) | (28,860) |
| Net realized gain (loss) on exited investments | — | 35,620 | (913) | 35,861 |
| Previously recorded unrealized gain on exited investment | — | (36,736) | — | (25,538) |
| Transfer Tax | — | — | (10,630) | — |
| Loss from real estate fund investments | (190) | (6,308) | (37,973) | (1,649) |
| Less (income) loss attributable to noncontrolling interests in consolidated subsidiaries | (558) | (1,486) | 34,338 | (9,684) |
| Loss from real estate fund investments attributable to the Operating Partnership | | | | |
| (nine months ended September 30, 2018 includes \$4,252 of loss related to One Park Avenue potential additional transfer taxes and reduction in carried interest) | (748) | (7,794) | (3,635) | (11,333) |
| Less loss attributable to noncontrolling interests in the Operating Partnership | 46 | 485 | 224 | 706 |
| Loss from real estate fund investments attributable to Vornado | \$(702) | \$(7,309) | \$(3,411) | \$(10,627) |

7. Marketable Securities

Our portfolio of marketable securities is comprised of equity securities that are presented on our consolidated balance sheets at fair value. On January 1, 2018, we adopted ASU 2016-01, which requires changes in the fair value of our marketable securities to be recorded in current period earnings. Previously, changes in the fair value of marketable securities were recognized in “accumulated other comprehensive income” on our consolidated balance sheets. As a result, on January 1, 2018 we recorded a decrease to beginning accumulated deficit of \$111,225,000 to recognize the unrealized gains previously recorded in “accumulated other comprehensive income” on our consolidated balance sheets. Subsequent changes in the fair value of our marketable securities will be recorded to “interest and other investment income, net” on our consolidated statements of income.

Below is a summary of our marketable securities portfolio as of September 30, 2018 and December 31, 2017.

| (Amounts in thousands) | Fair Value at September 30, 2018 | Fair Value at December 31, 2017 | (Decrease) Increase in Fair Value ⁽¹⁾ |
|------------------------|--|---------------------------------------|---|
| Equity securities: | | | |
| Lexington Realty Trust | \$153,292 | \$178,226 | \$(24,934) |

| | | | |
|-------|-----------|-----------|------------|
| Other | 4,659 | 4,526 | 133 |
| | \$157,951 | \$182,752 | \$(24,801) |

(1) The decrease in fair value of our marketable securities for the nine months ended September 30, 2018 is included in “interest and other investment income, net” on our consolidated statements of income (see Note 19 - Interest and Other Investment Income, Net).

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

8. Investments in Partially Owned Entities

Alexander's, Inc. ("Alexander's") (NYSE: ALX)

As of September 30, 2018, we own 1,654,068 Alexander's common shares, or approximately 32.4% of Alexander's common equity. We manage, lease and develop Alexander's properties pursuant to agreements which expire in March of each year and are automatically renewable.

As of September 30, 2018, the market value ("fair value" pursuant to ASC 820) of our investment in Alexander's, based on Alexander's September 28, 2018 quarter ended closing share price of \$343.30, was \$567,842,000, or \$456,000,000 in excess of the carrying amount on our consolidated balance sheet. As of September 30, 2018, the carrying amount of our investment in Alexander's, excluding amounts owed to us, exceeds our share of the equity in the net assets of Alexander's by approximately \$39,093,000. The majority of this basis difference resulted from the excess of our purchase price for the Alexander's common stock acquired over the book value of Alexander's net assets. Substantially all of this basis difference was allocated, based on our estimates of the fair values of Alexander's assets and liabilities, to real estate (land and buildings). We are amortizing the basis difference related to the buildings into earnings as additional depreciation expense over their estimated useful lives. This depreciation is not material to our share of equity in Alexander's net income. The basis difference related to the land will be recognized upon disposition of our investment.

Alexander's paid \$3,971,000 of Transfer Tax upon the November 2012 sale of its Kings Plaza Regional Shopping Center located in Brooklyn, New York. Alexander's accrued \$23,797,000 of potential additional Transfer Tax and related interest based on the precedent established by the Tax Tribunal's decision regarding One Park Avenue (see Note 6 - Real Estate Fund Investments for details) during the first quarter of 2018 which was subsequently paid on April 5, 2018 in order to preserve Alexander's rights to continue litigation and stop accrual of interest, of which our 32.4% share is \$7,708,000 and is included in "income (loss) from partially owned entities" on our consolidated statements of income in the nine months ended September 30, 2018.

Urban Edge Properties ("UE") (NYSE: UE)

As of September 30, 2018, we own 5,717,184 UE operating partnership units, representing a 4.5% ownership interest in UE. We account for our investment in UE under the equity method and record our share of UE's net income or loss on a one-quarter lag basis. In 2018 and 2017, we provided UE with information technology support. UE is providing us with leasing and property management services for (i) certain small retail properties that we plan to sell, and (ii) our affiliate, Alexander's, Rego Park retail assets. As of September 30, 2018, the fair value of our investment in UE, based on UE's September 28, 2018 quarter ended closing share price of \$22.08, was \$126,235,000, or \$80,837,000 in excess of the carrying amount on our consolidated balance sheet.

Pennsylvania Real Estate Investment Trust ("PREIT") (NYSE: PEI)

As of September 30, 2018, we own 6,250,000 PREIT operating partnership units, representing an 7.9% interest in PREIT. We account for our investment in PREIT under the equity method and record our share of PREIT's net income or loss on a one-quarter lag basis.

As of September 30, 2018, the fair value of our investment in PREIT, based on PREIT's September 28, 2018 quarter ended closing share price of \$9.46, was \$59,125,000 or \$2,389,000 below the carrying amount on our consolidated balance sheet. As of September 30, 2018, the carrying amount of our investment in PREIT exceeds our share of the

equity in the net assets of PREIT by approximately \$36,096,000. The majority of this basis difference resulted from the excess of the fair value of the PREIT operating units received over our share of the book value of PREIT's net assets. Substantially all of this basis difference was allocated, based on our estimates of the fair values of PREIT's assets and liabilities, to real estate (land and buildings). We are amortizing the basis difference related to the buildings into earnings as additional depreciation expense over their estimated useful lives. This depreciation is not material to our share of equity in PREIT's net loss. The basis difference related to the land will be recognized upon disposition of our investment.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

8. Investments in Partially Owned Entities - continued

Independence Plaza

We have a 50.1% economic interest in a joint venture that owns Independence Plaza, a three-building 1,327 unit residential complex in the Tribeca submarket of Manhattan. The joint venture paid \$1,730,000 of Transfer Tax upon its acquisition of the property in December 2012. The joint venture accrued \$13,103,000 of potential additional Transfer Tax and related interest based on the precedent established by the Tax Tribunal's decision regarding One Park Avenue (see Note 6 - Real Estate Fund Investments for details) during the first quarter of 2018, which was subsequently paid on April 5, 2018, in order to preserve the joint venture's rights to continue litigation and stop accrual of interest. Because we consolidate the entity that incurred the potential additional Transfer Tax, \$13,103,000 of expense is included in "transaction related costs and other" and \$6,538,000 is allocated to "noncontrolling interests in consolidated subsidiaries" on our consolidated statements of income.

On June 11, 2018, the joint venture completed a \$675,000,000 refinancing of Independence Plaza. The seven-year interest-only loan matures in July 2025 and has a fixed rate of 4.25%. Our share of net proceeds, after repayment of the existing 3.48% \$550,000,000 mortgage and closing costs, was \$55,618,000.

Toys "R" Us, Inc. ("Toys")

We own 32.5% of Toys. On September 18, 2017, Toys filed a voluntary petition under Chapter 11 of the United States Bankruptcy Code. In the second quarter of 2018, Toys liquidated the inventory of its U.S. stores and ceased operations. We carry our Toys investment at zero. Further, we do not hold any debt of Toys and do not guarantee any of Toys' obligations. For income tax purposes, we carry our investment in Toys as of September 30, 2018 at approximately \$420,000,000, which could result in a tax deduction in future periods.

666 Fifth Avenue Office Condominium

On August 3, 2018, we completed the sale of our 49.5% interests in the 666 Fifth Avenue Office Condominium. We received net proceeds of \$120,000,000 and recognized a financial statement gain of \$134,032,000 which is included in "net gains on disposition of wholly owned and partially owned assets" on our consolidated statements of income for the three and nine months ended September 30, 2018. The gain for tax purposes was approximately \$244,000,000. We continue to own all of the 666 Fifth Avenue Retail Condominium encompassing the Uniqlo, Tissot and Hollister stores with 125 linear feet of frontage on Fifth Avenue between 52nd and 53rd Street.

Concurrently with the sale of our interests, the existing mortgage loan on the property was repaid and we received net proceeds of \$55,244,000 for the participation we held in the mortgage loan. We recognized a financial statement gain of \$7,308,000, which is included in "net gains on disposition of wholly owned and partially owned assets" on our consolidated statements of income for the three and nine months ended September 30, 2018.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

8. Investments in Partially Owned Entities - continued

Below is a schedule summarizing our investments in partially owned entities.

| (Amounts in thousands) | Percentage Ownership at September 30, 2018 | Balance as of September 30, December 31, 2018 2017 | |
|--|---|--|--------------|
| Investments: | | | |
| Partially owned office buildings/land ⁽¹⁾ | Various | \$ 502,826 | \$ 504,393 |
| Alexander's | 32.4% | 111,842 | 126,400 |
| PREIT | 7.9% | 61,514 | 66,572 |
| UE | 4.5% | 45,398 | 46,152 |
| Other investments ⁽²⁾ | Various | 187,860 | 313,312 |
| | | \$ 909,440 | \$ 1,056,829 |
| 330 Madison Avenue ⁽³⁾ | 25.0% | \$(57,935) | \$(53,999) |
| 7 West 34th Street ⁽⁴⁾ | 53.0% | (49,647) | (47,369) |
| | | \$(107,582) | \$(101,368) |

(1) Includes interests in 280 Park Avenue, 650 Madison Avenue, One Park Avenue, 512 West 22nd Street, 85 Tenth Avenue, 61 Ninth Avenue and others.

(2) Includes interests in Independence Plaza, Fashion Centre Mall/Washington Tower, Rosslyn Plaza, 50-70 West 93rd Street, Moynihan Office Building and others.

(3) Our negative basis resulted from a refinancing distribution and is included in "other liabilities" on our consolidated balance sheets.

(4) Our negative basis resulted from a deferred gain from the sale of a 47.0% ownership interest in the property on May 27, 2016 and is included in "other liabilities" on our consolidated balance sheets.

Below is a schedule of net income (loss) from partially owned entities.

| (Amounts in thousands) | Percentage Ownership at September 30, 2018 | For the Three Months Ended September 30, 2018 2017 | | For the Nine Months Ended September 30, 2018 2017 | |
|---|--|---|-----------|--|-----------|
| Our share of net income (loss): | | | | | |
| Alexander's (see page 26 for details): | | | | | |
| Equity in net income ⁽¹⁾ | 32.4% | \$ 4,278 | \$ 6,510 | \$ 7,215 | \$ 20,092 |
| Management, leasing and development fees | | 1,149 | 1,335 | 3,378 | 4,351 |
| | | 5,427 | 7,845 | 10,593 | 24,443 |
| UE (see page 26 for details): | | | | | |
| Equity in net income ⁽²⁾ | 4.5% | 2,696 | 5,908 | 3,017 | 25,793 |
| Management, leasing and development fees | | 67 | 100 | 217 | 518 |
| | | 2,763 | 6,008 | 3,234 | 26,311 |
| Partially owned office buildings ⁽³⁾ | Various | 735 | (967) | (1,546) | 79 |
| PREIT (see page 26 for details) ⁽⁴⁾ | 7.9% | (616) | (49,748) | (2,113) | (53,480) |

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| | | | | | |
|----------------------------------|---------|----------|------------|----------|---------|
| Other investments ⁽⁵⁾ | Various | (1,103) | (4,939) | (4,109) | 8,225 |
| | | \$7,206 | \$(41,801) | \$6,059 | \$5,578 |

-
- The three and nine months ended September 30, 2018 include our \$1,085 share of a non-cash straight-line rent write-off adjustment related to Sears Roebuck and Co. which filed for Chapter 11 bankruptcy relief and our \$518 share of Alexander's litigation expense due to a settlement. The nine months ended September 30, 2018 also includes our \$7,708 share of Alexander's potential additional Transfer Tax, our \$3,162 share of higher interest expense due to an increase in average LIBOR and higher average mortgage balances due to a refinancing and our \$1,802 share of expense related to the change in fair value of marketable securities held by Alexander's.
- (1) The three and nine months ended September 30, 2017 include \$5,200 and \$21,100, respectively, of net gain resulting from UE operating partnership unit issuances.
- (2) Includes interests in 280 Park Avenue, 650 Madison Avenue, One Park Avenue, 7 West 34th Street, 330 Madison Avenue, 512 West 22nd Street, 85 Tenth Avenue and others. The nine month period ended September 30, 2018 includes our \$4,978 share of potential additional Transfer Tax related to the March 2011 acquisition of One Park Avenue (see Note 6 - Real Estate Fund Investments).
- (3) The three and nine months ended September 30, 2017 include a \$44,465 non-cash impairment loss.
- (4) Includes interests in Independence Plaza, Fashion Centre Mall/Washington Tower, Rosslyn Plaza, 50-70 West 93rd Street, 666 Fifth Avenue Office Condominium (sold on August 3, 2018) and others. In the nine months ended September 30, 2017, we recognized \$26,687 of net gains, comprised of \$15,314 representing our share of a net gain on the sale of Suffolk Downs and \$11,373 representing the net gain on repayment of our debt investments in Suffolk Downs JV.
- (5)

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

9. 220 Central Park South

We are constructing a residential condominium tower containing 397,000 salable square feet at 220 Central Park South ("220 CPS"). The development cost of this project (exclusive of land cost of \$515,400,000) is estimated to be approximately \$1.4 billion, of which \$1.1 billion has been expended as of September 30, 2018.

For income tax purposes, we recognize revenue associated with our 220 CPS project using the percentage of completion method. On May 25, 2018, the 220 CPS condominium offering plan was declared effective by the Attorney General of the State of New York. During the quarter ended September 30, 2018, we paid \$52,200,000 for estimated Federal, state and local income taxes due, which is included in "other assets" on our consolidated balance sheet as of September 30, 2018. GAAP revenue associated with our 220 CPS project is recognized when our performance obligation is deemed satisfied at a point in time when legal title transfers upon closing of the condominium unit sales.

In August 2018, we received a temporary certificate of occupancy for certain units, representing approximately 16% of the total development cost, where construction has been substantially completed. Accordingly, at September 30, 2018, the development cost of these units aggregating \$307,552,000 has been reclassified from "development costs and construction in progress" to "220 Central Park South condominium units ready for sale" on our consolidated balance sheet as of September 30, 2018.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

10. Dispositions

New York

On June 21, 2018, we completed the \$45,000,000 sale of 27 Washington Square North, which resulted in a net gain of \$23,559,000 which is included in "net gains on disposition of wholly owned and partially owned assets" on our consolidated statements of income. We acquired the property in December 2015 for \$20,000,000.

Discontinued Operations

We have reclassified the revenues and expenses of our former Washington, DC segment which was spun off on July 17, 2017 and other related retail assets that were sold to "income (loss) from discontinued operations" and the related assets and liabilities to "assets related to discontinued operations" and "liabilities related to discontinued operations" for all periods presented in the accompanying financial statements. The tables below set forth the assets and liabilities related to discontinued operations as of September 30, 2018 and December 31, 2017, and their combined results of operations and cash flows for the three and nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | Balance as of | |
|---|---------------|--------------|
| | September 30, | December 31, |
| | 2018 | 2017 |
| Assets related to discontinued operations: | | |
| Other assets | \$74 | \$ 1,357 |
| Liabilities related to discontinued operations: | | |
| Other liabilities | \$205 | \$ 3,620 |

| (Amounts in thousands) | For the Three | | For the Nine | |
|--|---------------|---------------|---------------|---------------|
| | Months Ended | | Months Ended | |
| | September 30, | September 30, | September 30, | September 30, |
| | 2018 | 2017 | 2018 | 2017 |
| Income (loss) from discontinued operations: | | | | |
| Total revenues | \$174 | \$25,747 | \$867 | \$260,969 |
| Total expenses | 113 | 21,708 | 1,104 | 211,930 |
| | 61 | 4,039 | (237) | 49,039 |
| JBG SMITH Properties ("JBGS") spin-off transaction costs | — | (53,581) | — | (67,045) |
| Additional net gains on sale of real estate | — | 1,530 | 618 | 3,797 |
| Income from partially-owned entities | — | 93 | — | 435 |
| Pretax income (loss) from discontinued operations | 61 | (47,919) | 381 | (13,774) |
| Income tax expense | — | (11) | — | (727) |
| Income (loss) from discontinued operations | \$61 | \$(47,930) | \$381 | \$(14,501) |

| (Amounts in thousands) | For the Nine | |
|--|---------------|---------------|
| | Months Ended | |
| | September 30, | September 30, |
| | 2018 | 2017 |
| Cash flows related to discontinued operations: | | |
| Cash flows from operating activities | \$(1,751) | \$39,581 |

Cash flows from investing activities — (48,377)

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VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

11. Identified Intangible Assets and Liabilities

The following summarizes our identified intangible assets (primarily above-market leases) and liabilities (primarily acquired below-market leases) as of September 30, 2018 and December 31, 2017.

| (Amounts in thousands) | Balance as of | |
|---|--------------------|-------------------|
| | September 30, 2018 | December 31, 2017 |
| Identified intangible assets: | | |
| Gross amount | \$ 307,855 | \$ 310,097 |
| Accumulated amortization | (167,861) | (150,837) |
| Total, net | \$ 139,994 | \$ 159,260 |
| Identified intangible liabilities (included in deferred revenue): | | |
| Gross amount | \$ 508,468 | \$ 530,497 |
| Accumulated amortization | (338,665) | (324,897) |
| Total, net | \$ 169,803 | \$ 205,600 |

Amortization of acquired below-market leases, net of acquired above-market leases, resulted in an increase to rental income of \$10,373,000 and \$11,054,000 for the three months ended September 30, 2018 and 2017, respectively, and \$31,480,000 and \$34,758,000 for the nine months ended September 30, 2018 and 2017, respectively. Estimated annual amortization of acquired below-market leases, net of acquired above-market leases, for each of the five succeeding years commencing January 1, 2019 is as follows:

| (Amounts in thousands) | |
|------------------------|-----------|
| 2019 | \$ 25,115 |
| 2020 | 24,047 |
| 2021 | 19,313 |
| 2022 | 16,173 |
| 2023 | 13,496 |

Amortization of all other identified intangible assets (a component of depreciation and amortization expense) was \$4,822,000 and \$6,069,000 for the three months ended September 30, 2018 and 2017, respectively, and \$14,557,000 and \$19,896,000 for the nine months ended September 30, 2018 and 2017, respectively. Estimated annual amortization of all other identified intangible assets including acquired in-place leases, customer relationships, and third party contracts for each of the five succeeding years commencing January 1, 2019 is as follows:

| (Amounts in thousands) | |
|------------------------|-----------|
| 2019 | \$ 12,902 |
| 2020 | 12,817 |
| 2021 | 11,838 |
| 2022 | 10,286 |
| 2023 | 10,158 |

We are a tenant under ground leases for certain properties. Amortization of these acquired below-market leases, net of above-market leases, resulted in an increase to rent expense (a component of operating expense) of \$437,000 and \$437,000 for the three months ended September 30, 2018, and 2017, respectively, and \$1,310,000 and \$1,310,000 for the nine months ended September 30, 2018 and 2017, respectively. Estimated annual amortization of these below-market leases, net of above-market leases, for each of the five succeeding years commencing January 1, 2019 is as follows:

(Amounts in thousands)

| | |
|------|---------|
| 2019 | \$1,747 |
| 2020 | 1,747 |
| 2021 | 1,747 |
| 2022 | 1,747 |
| 2023 | 1,747 |

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

12. Debt

On January 5, 2018, we completed a \$100,000,000 refinancing of 33-00 Northern Boulevard (Center Building), a 471,000 square foot office building in Long Island City, New York. The seven-year loan is at LIBOR plus 1.80%, which was swapped to a fixed rate of 4.14%. We realized net proceeds of approximately \$37,200,000 after repayment of the existing 4.43% \$59,800,000 mortgage and closing costs.

On August 9, 2018, we completed a \$120,000,000 refinancing of 4 Union Square South, a 206,000 square foot Manhattan retail property. The interest-only loan carries a rate of LIBOR plus 1.40% (3.50% as of September 30, 2018) and matures in 2025, as extended. The property was previously encumbered by a \$113,000,000 mortgage at LIBOR plus 2.15%, which was scheduled to mature in 2019.

The following is a summary of our debt:

| (Amounts in thousands) | Interest Rate at September 30, 2018 | Balance as of September 30 December 31, 2018 2017 | |
|---|--|---|--------------|
| Mortgages Payable: | | | |
| Fixed rate | 3.53% | \$5,006,360 | \$ 5,461,706 |
| Variable rate | 3.99% | 3,165,760 | 2,742,133 |
| Total | 3.71% | 8,172,120 | 8,203,839 |
| Deferred financing costs, net and other | | (53,045) | (66,700) |
| Total, net | | \$8,119,075 | \$ 8,137,139 |
| Unsecured Debt: | | | |
| Senior unsecured notes | 4.21% | \$850,000 | \$ 850,000 |
| Deferred financing costs, net and other | | (6,290) | (6,386) |
| Senior unsecured notes, net | | 843,710 | 843,614 |
| Unsecured term loan | 3.39% | 750,000 | 750,000 |
| Deferred financing costs, net and other | | (126) | (1,266) |
| Unsecured term loan, net | | 749,874 | 748,734 |
| Unsecured revolving credit facilities | 3.15% | 80,000 | — |
| Total, net | | \$1,673,584 | \$ 1,592,348 |

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

13. Redeemable Noncontrolling Interests/Redeemable Partnership Units

Redeemable noncontrolling interests on Vornado's consolidated balance sheets and redeemable partnership units on the consolidated balance sheets of the Operating Partnership are primarily comprised of Class A Operating Partnership units held by third parties and are recorded at the greater of their carrying amount or redemption value at the end of each reporting period. Changes in the value from period to period are charged to "additional capital" in Vornado's consolidated statements of changes in equity and to "partners' capital" on the consolidated balance sheets of the Operating Partnership.

(Amounts in thousands)

| | |
|--|-------------|
| Balance, December 31, 2016 | \$1,278,446 |
| Net income | 9,057 |
| Other comprehensive income | 188 |
| Distributions | (25,663) |
| Redemption of Class A units for Vornado common shares, at redemption value | (34,564) |
| Adjustments to carry redeemable Class A units at redemption value (including \$224,069 attributable to the spin-off of JBGS) | (286,928) |
| Other, net | 30,168 |
| Balance, September 30, 2017 | \$970,704 |
| | |
| Balance, December 31, 2017 | \$984,937 |
| Net income | 18,992 |
| Other comprehensive income | 913 |
| Distributions | (23,867) |
| Redemption of Class A units for Vornado common shares, at redemption value | (14,089) |
| Adjustments to carry redeemable Class A units at redemption value | (57,970) |
| Other, net | 15,666 |
| Balance, September 30, 2018 | \$924,582 |

As of September 30, 2018 and December 31, 2017, the aggregate redemption value of redeemable Class A units of the Operating Partnership, which are those units held by third parties, was \$919,154,000 and \$979,509,000, respectively.

Redeemable noncontrolling interests/redeemable partnership units exclude our Series G-1 through G-4 convertible preferred units and Series D-13 cumulative redeemable preferred units, as they are accounted for as liabilities in accordance with ASC Topic 480, Distinguishing Liabilities and Equity, because of their possible settlement by issuing a variable number of Vornado common shares. Accordingly, the fair value of these units is included as a component of "other liabilities" on our consolidated balance sheets and aggregated \$50,561,000 as of September 30, 2018 and December 31, 2017. Changes in the value from period to period, if any, are charged to "interest and debt expense" on our consolidated statements of income.

14. Shareholders' Equity/Partners' Capital

On January 4 and 11, 2018, we redeemed all of the outstanding 6.625% Series G and Series I cumulative redeemable preferred shares/units at their redemption price of \$25.00 per share/unit, or \$470,000,000 in the aggregate, plus accrued and unpaid dividends/distributions through the date of redemption, and expensed \$14,486,000 of previously capitalized issuance costs.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

15. Accumulated Other Comprehensive Income (“AOCI”)

The following tables set forth the changes in accumulated other comprehensive income by component.

| (Amounts in thousands) | Total | Marketable securities | Pro rata share of nonconsolidated subsidiaries' OCI | Interest rate swaps | Other |
|--|------------|-----------------------|---|---------------------|-----------|
| For the Three Months Ended September 30, 2018 | | | | | |
| Balance as of June 30, 2018 | \$33,351 | \$— | \$ 2,834 | \$39,559 | \$(9,042) |
| Net current period OCI: | | | | | |
| OCI before reclassifications | 822 | — | 253 | 623 | (54) |
| Amounts reclassified from AOCI | — | — | — | — | — |
| | 822 | — | 253 | 623 | (54) |
| Balance as of September 30, 2018 | \$34,173 | \$— | \$ 3,087 | \$40,182 | \$(9,096) |
| For the Three Months Ended September 30, 2017 | | | | | |
| Balance as of June 30, 2017 | \$115,839 | \$114,290 | \$ (3,821) | \$12,702 | \$(7,332) |
| Net current period OCI: | | | | | |
| OCI before reclassifications | 6,608 | 5,656 | (626) | 1,976 | (398) |
| Amounts reclassified from AOCI | (646) | — | (646) | (1) | — |
| | 5,962 | 5,656 | (1,272) | 1,976 | (398) |
| Balance as of September 30, 2017 | \$121,801 | \$119,946 | \$ (5,093) | \$14,678 | \$(7,730) |
| For the Nine Months Ended September 30, 2018 | | | | | |
| Balance as of December 31, 2017 | \$128,682 | \$109,554 | \$ 3,769 | \$23,542 | \$(8,183) |
| Cumulative effect of accounting change (see Note 3) | (108,374) | (109,554) | (1,671) | 2,851 | — |
| Net current period OCI: | | | | | |
| OCI before reclassifications | 13,865 | — | 989 | 13,789 | (913) |
| Amounts reclassified from AOCI | — | — | — | — | — |
| | 13,865 | — | 989 | 13,789 | (913) |
| Balance as of September 30, 2018 | \$34,173 | \$— | \$ 3,087 | \$40,182 | \$(9,096) |
| For the Nine Months Ended September 30, 2017 | | | | | |
| Balance as of December 31, 2016 | \$118,972 | \$130,505 | \$ (12,058) | \$8,066 | \$(7,541) |
| Net current period OCI: | | | | | |
| OCI before reclassifications | (5,793) | (10,559) | (1,657) | 6,612 | (189) |
| Amounts reclassified from AOCI | 8,622 | — | 8,622 | (1) | — |
| | 2,829 | (10,559) | 6,965 | 6,612 | (189) |
| Balance as of September 30, 2017 | \$121,801 | \$119,946 | \$ (5,093) | \$14,678 | \$(7,730) |

(1) Reclassified upon receipt of proceeds related to the sale of an investment by a nonconsolidated subsidiary.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

16. Variable Interest Entities (“VIEs”)

Unconsolidated VIEs

As of September 30, 2018 and December 31, 2017, we have several unconsolidated VIEs. We do not consolidate these entities because we are not the primary beneficiary and the nature of our involvement in the activities of these entities does not give us power over decisions that significantly affect these entities’ economic performance. We account for our investment in these entities under the equity method (see Note 8 – Investments in Partially Owned Entities). As of September 30, 2018 and December 31, 2017, the net carrying amount of our investments in these entities was \$256,674,000 and \$352,925,000, respectively, and our maximum exposure to loss in these entities is limited to the carrying amount of our investments.

Consolidated VIEs

Our most significant consolidated VIEs are the Operating Partnership (for Vornado), real estate fund investments, and certain properties that have noncontrolling interests. These entities are VIEs because the noncontrolling interests do not have substantive kick-out or participating rights. We consolidate these entities because we control all of their significant business activities.

As of September 30, 2018, the total assets and liabilities of our consolidated VIEs, excluding the Operating Partnership, were \$3,572,362,000 and \$1,813,993,000, respectively. As of December 31, 2017, the total assets and liabilities of our consolidated VIEs, excluding the Operating Partnership, were \$3,561,062,000 and \$1,753,798,000, respectively.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

17. Fair Value Measurements

ASC 820 defines fair value and establishes a framework for measuring fair value. The objective of fair value is to determine the price that would be received upon the sale of an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (the exit price). ASC 820 establishes a fair value hierarchy that prioritizes observable and unobservable inputs used to measure fair value into three levels: Level 1 – quoted prices (unadjusted) in active markets that are accessible at the measurement date for assets or liabilities; Level 2 – observable prices that are based on inputs not quoted in active markets, but corroborated by market data; and Level 3 – unobservable inputs that are used when little or no market data is available. The fair value hierarchy gives the highest priority to Level 1 inputs and the lowest priority to Level 3 inputs. In determining fair value, we utilize valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible, as well as consider counterparty credit risk in our assessment of fair value. Considerable judgment is necessary to interpret Level 2 and 3 inputs in determining the fair value of our financial and non-financial assets and liabilities. Accordingly, our fair value estimates, which are made at the end of each reporting period, may be different than the amounts that may ultimately be realized upon sale or disposition of these assets.

Financial Assets and Liabilities Measured at Fair Value on a Recurring Basis

Financial assets and liabilities that are measured at fair value on our consolidated balance sheets consist of (i) marketable securities, (ii) real estate fund investments, (iii) the assets in our deferred compensation plan (for which there is a corresponding liability on our consolidated balance sheets), (iv) interest rate swaps and (v) mandatorily redeemable instruments (Series G-1 through G-4 convertible preferred units, Series D-13 cumulative redeemable preferred units, and 6.625% Series G and Series I cumulative redeemable preferred shares/units which were redeemed on January 4 and 11, 2018 (see Note 14 - Shareholders' Equity/Partners' Capital)). The tables below aggregate the fair values of these financial assets and liabilities by their levels in the fair value hierarchy as of September 30, 2018 and December 31, 2017, respectively.

| (Amounts in thousands) | As of September 30, 2018 | | | |
|---|--------------------------|-----------|----------|-----------|
| | Total | Level 1 | Level 2 | Level 3 |
| Marketable securities | \$157,951 | \$157,951 | \$— | \$— |
| Real estate fund investments | 369,767 | — | — | 369,767 |
| Deferred compensation plan assets (\$10,233 included in restricted cash and \$92,048 in other assets) | 102,281 | 63,493 | — | 38,788 |
| Interest rate swaps (included in other assets) | 40,203 | — | 40,203 | — |
| Total assets | \$670,202 | \$221,444 | \$40,203 | \$408,555 |
| Mandatorily redeemable instruments (included in other liabilities) | \$50,561 | \$50,561 | \$— | \$— |
| (Amounts in thousands) | As of December 31, 2017 | | | |
| | Total | Level 1 | Level 2 | Level 3 |
| Marketable securities | \$182,752 | \$182,752 | \$— | \$— |
| Real estate fund investments | 354,804 | — | — | 354,804 |
| Deferred compensation plan assets (\$11,545 included in restricted cash and \$97,632 in other assets) | 109,177 | 69,049 | — | 40,128 |
| Interest rate swaps (included in other assets) | 27,472 | — | 27,472 | — |
| Total assets | \$674,205 | \$251,801 | \$27,472 | \$394,932 |
| Mandatorily redeemable instruments (\$50,561 included in other liabilities) | \$520,561 | \$520,561 | \$— | \$— |

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| | | | | |
|---|-----------|-----------|---------|-----|
| Interest rate swaps (included in other liabilities) | 1,052 | — | 1,052 | — |
| Total liabilities | \$521,613 | \$520,561 | \$1,052 | \$— |

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

17. Fair Value Measurements - continued

Financial Assets and Liabilities Measured at Fair Value on a Recurring Basis - continued

Real Estate Fund Investments

As of September 30, 2018, we had four real estate fund investments with an aggregate fair value of \$369,767,000, or \$44,203,000 in excess of cost. These investments are classified as Level 3. We use a discounted cash flow valuation technique to estimate the fair value of each of these investments, which is updated quarterly by personnel responsible for the management of each investment and reviewed by senior management at each reporting period. The discounted cash flow valuation technique requires us to estimate cash flows for each investment over the anticipated holding period, which currently ranges from 0.3 to 4.3 years. Cash flows are derived from property rental revenue (base rents plus reimbursements) less operating expenses, real estate taxes and capital and other costs, plus projected sales proceeds in the year of exit. Property rental revenue is based on leases currently in place and our estimates for future leasing activity, which are based on current market rents for similar space plus a projected growth factor. Similarly, estimated operating expenses and real estate taxes are based on amounts incurred in the current period plus a projected growth factor for future periods. Anticipated sales proceeds at the end of an investment's expected holding period are determined based on the net cash flow of the investment in the year of exit, divided by a terminal capitalization rate, less estimated selling costs.

The fair value of each property is calculated by discounting the future cash flows (including the projected sales proceeds), using an appropriate discount rate and then reduced by the property's outstanding debt, if any, to determine the fair value of the equity in each investment. Significant unobservable quantitative inputs used in determining the fair value of each investment include capitalization rates and discount rates. These rates are based on the location, type and nature of each property, current and anticipated market conditions, industry publications and from the experience of our Acquisitions and Capital Markets departments. Significant unobservable quantitative inputs in the table below were utilized in determining the fair value of these real estate fund investments as of September 30, 2018 and December 31, 2017.

| Unobservable Quantitative Input | Range | Weighted Average (based on fair value of investments) | |
|---------------------------------|----------------|--|-------------------|
| | | September 30, 2018 | December 31, 2017 |
| Discount rates | 10.0% to 15.0% | 13.2% | 11.9% |
| Terminal capitalization rates | 5.3% to 6.4% | 5.6% | 5.5% |

The above inputs are subject to change based on changes in economic and market conditions and/or changes in use or timing of exit. Changes in discount rates and terminal capitalization rates result in increases or decreases in the fair values of these investments. The discount rates encompass, among other things, uncertainties in the valuation models with respect to terminal capitalization rates and the amount and timing of cash flows. Therefore, a change in the fair value of these investments resulting from a change in the terminal capitalization rate may be partially offset by a change in the discount rate. It is not possible for us to predict the effect of future economic or market conditions on our estimated fair values.

The table below summarizes the changes in the fair value of real estate fund investments that are classified as Level 3, for the three and nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three Months | | For the Nine Months | |
|------------------------|--------------------------------|------|--------------------------------|------|
| | Ended September 30, 2018 | 2017 | Ended September 30, 2018 | 2017 |

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| | | | | |
|--|-----------|-----------|-----------|-----------|
| Beginning balance | \$373,039 | \$455,692 | \$354,804 | \$462,132 |
| Net unrealized loss on held investments | (3,283) | (11,220) | (32,796) | (28,860) |
| Dispositions | — | (91,606) | (20,291) | (91,606) |
| Previously recorded unrealized gain on exited investment | — | (36,736) | — | (25,538) |
| Net realized gain (loss) on exited investments | — | 35,620 | (913) | 35,861 |
| Purchases / additional fundings | — | — | 68,950 | — |
| Other, net | 11 | — | 13 | (239) |
| Ending balance | \$369,767 | \$351,750 | \$369,767 | \$351,750 |

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

17. Fair Value Measurements - continued

Financial Assets and Liabilities Measured at Fair Value on a Recurring Basis - continued

Deferred Compensation Plan Assets

Deferred compensation plan assets that are classified as Level 3 consist of investments in limited partnerships and investment funds, which are managed by third parties. We receive quarterly financial reports from a third-party administrator, which are compiled from the quarterly reports provided to them from each limited partnership and investment fund. The quarterly reports provide net asset values on a fair value basis which are audited by independent public accounting firms on an annual basis. The third party administrator does not adjust these values in determining our share of the net assets and we do not adjust these values when reported in our consolidated financial statements.

The table below summarizes the changes in the fair value of deferred compensation plan assets that are classified as Level 3, for the three and nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three | | For the Nine | |
|-------------------------------|---------------|----------|---------------|-----------|
| | Months Ended | | Months Ended | |
| | September 30, | | September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Beginning balance | \$39,870 | \$49,849 | \$40,128 | \$57,444 |
| Sales | (3,304) | (3,810) | (6,813) | (15,922) |
| Purchases | 1,576 | 2,176 | 3,209 | 3,989 |
| Realized and unrealized gains | 180 | 246 | 892 | 2,151 |
| Other, net | 466 | 823 | 1,372 | 1,622 |
| Ending balance | \$38,788 | \$49,284 | \$38,788 | \$49,284 |

Fair Value Measurements on a Nonrecurring Basis

There were no assets measured at fair value on a nonrecurring basis on our consolidated balance sheets as of September 30, 2018 and December 31, 2017.

Financial Assets and Liabilities not Measured at Fair Value

Financial assets and liabilities that are not measured at fair value on our consolidated balance sheets include cash equivalents (primarily money market funds, which invest in obligations of the United States government), and our secured and unsecured debt. Estimates of the fair value of these instruments are determined by the standard practice of modeling the contractual cash flows required under the instrument and discounting them back to their present value at the appropriate current risk adjusted interest rate, which is provided by a third-party specialist. For floating rate debt, we use forward rates derived from observable market yield curves to project the expected cash flows we would be required to make under the instrument. The fair values of cash equivalents and borrowings under our unsecured revolving credit facilities and unsecured term loan are classified as Level 1. The fair values of our secured and unsecured debt are classified as Level 2. The table below summarizes the carrying amounts and fair value of these financial instruments as of September 30, 2018 and December 31, 2017.

| (Amounts in thousands) | As of September 30, 2018 | | As of December 31, 2017 | |
|------------------------|--------------------------|-----------|-------------------------|-------------|
| | Carrying | Fair | Carrying | Fair |
| | Amount | Value | Amount | Value |
| Cash equivalents | \$630,271 | \$630,000 | \$1,500,227 | \$1,500,000 |
| Debt: | | | | |

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| | | | | |
|---------------------------------------|----------------------------|-------------|----------------------------|-------------|
| Mortgages payable | \$8,172,120 | \$8,091,000 | \$8,203,839 | \$8,194,000 |
| Senior unsecured notes | 850,000 | 845,000 | 850,000 | 878,000 |
| Unsecured term loan | 750,000 | 750,000 | 750,000 | 750,000 |
| Unsecured revolving credit facilities | 80,000 | 80,000 | — | — |
| Total | \$9,852,120 ⁽¹⁾ | \$9,766,000 | \$9,803,839 ⁽¹⁾ | \$9,822,000 |

⁽¹⁾ Excludes \$59,461 and \$74,352 of deferred financing costs, net and other as of September 30, 2018 and December 31, 2017, respectively.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

18. Stock-based Compensation

Vornado's 2010 Omnibus Share Plan (the "Plan") provides the Compensation Committee of our Board of Trustees (the "Committee") the ability to grant incentive and non-qualified Vornado stock options, restricted stock, restricted Operating Partnership units, out-performance plan awards and appreciation-only long-term incentive plan units ("AO LTIP Units") to certain of our employees and officers. We account for all equity-based compensation in accordance with ASC 718. Stock-based compensation expense, a component of "general and administrative" expenses on our consolidated statements of income, was \$5,545,000 and \$5,693,000 for the three months ended September 30, 2018 and 2017, respectively, and \$26,190,000 and \$27,319,000 for the nine months ended September 30, 2018 and 2017, respectively.

AO LTIP Units

On January 12, 2018, the Committee approved the issuance of AO LTIP Units pursuant to the Plan to certain of our officers and employees. In connection with the approval of AO LTIP Units, Vornado, in its capacity as sole general partner of the Operating Partnership, amended the Second Amended and Restated Agreement of Limited Partnership of the Operating Partnership (the "Partnership Agreement") in order to establish the terms of the new class of partnership interests known as AO LTIP Units.

AO LTIP Units are a class of partnership interests in the Operating Partnership that are intended to qualify as "profits interests" for federal income tax purposes and generally only allow the recipient to realize value to the extent the fair market value of a Vornado common share exceeds the threshold level set at the time the AO LTIP Units are granted, subject to any vesting conditions applicable to the award. The threshold level is intended to be equal to 100% of the then fair market value of a Vornado common share on the date of grant. The value of vested AO LTIP Units is realized through conversion of the AO LTIP Units into Class A Operating Partnership units. The number of Class A Units into which vested AO LTIP Units may be converted is determined based on the quotient of (i) the excess of the conversion value on the conversion date over the threshold value designated at the time the AO LTIP Unit was granted, divided by (ii) the conversion value on the conversion date. The "conversion value" is the value of a Vornado common share on the conversion date multiplied by the Conversion Factor as defined in the Partnership Agreement, which is currently one. AO LTIP Units vest ratably over four years and have a term of ten years from the grant date. The fair value of the AO LTIP Units on the date of grant was \$3,484,000, of which \$622,000 was immediately expensed due to the acceleration of vesting for employees who are retirement eligible (have reached age 65 or age 60 with at least 20 years of service). The remaining \$2,862,000 is being amortized into expense over a four-year period from the date of grant using a graded vesting attribution model.

Each holder will generally receive special income allocations in respect of an AO LTIP Unit equal to 10% (or such other percentage specified in the applicable award agreement) of the income allocated in respect of a Class A Unit. Upon conversion of AO LTIP Units to Class A Units, holders will be entitled to receive in respect of each such AO LTIP Unit, on a per unit basis, a special distribution equal to 10% (or such other percentage specified in the applicable award agreement) of the distributions received by a holder of an equivalent number of Class A Units during the period from the grant date of the AO LTIP Units through the date of conversion.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

18. Stock-based Compensation - continued

2018 Outperformance Plan (“2018 OPP”)

On March 15, 2018, the Committee approved the 2018 OPP, a multi-year, \$35,000,000 performance-based stock compensation plan of which \$27,354,000 was granted to senior executives. The fair value of the 2018 OPP granted was \$10,283,000, of which \$8,040,000 was immediately expensed due to the acceleration of vesting for employees who are retirement eligible (have reached age 65 or age 60 with at least 20 years of service). The remaining \$2,243,000 is being amortized into expense over a five-year period from the date of grant using a graded vesting attribution model.

Under the 2018 OPP, participants have the opportunity to earn compensation payable in the form of equity awards if Vornado outperforms a predetermined total shareholder return (“TSR”) and/or outperforms the market with respect to relative total TSR during the three-year performance period (the “Performance Period”) from March 15, 2018 to March 15, 2021 (the “Measurement Date”). Specifically, awards under the 2018 OPP may potentially be earned if Vornado (i) achieves a TSR above a benchmark weighted index (the “Index”) comprised 70% of the SNL US Office REIT Index and 30% of the SNL US Retail Index over the Performance Period (the “Relative Component”), and/or (ii) achieves a TSR greater than 21% over the Performance Period (the “Absolute Component”). The value of awards under the Relative Component and Absolute Component will be calculated separately and will each be subject to an aggregate \$35,000,000 maximum award cap for all participants. The two components will be added together to determine the aggregate award size, which shall also be subject to the aggregate \$35,000,000 maximum award cap for all participants. In the event awards are earned under the Absolute Component, but Vornado underperforms the Index by more than 200 basis points per annum over the Performance Period (600 basis points over the three years), the amount earned under the Absolute Component will be reduced (and potentially fully negated) based on the degree by which the Index exceeds Vornado’s TSR. In the event awards are earned under the Relative Component, but Vornado fails to achieve a TSR of at least 3% per annum, awards earned under the Relative Component will be reduced on a ratable sliding scale based on Vornado’s absolute TSR performance, with awards earned under the Relative Component being reduced by a maximum of 50% in the event Vornado’s TSR during the Measurement Period is 0% or negative. If the designated performance objectives are achieved, awards under the 2018 OPP will vest ratably on the Measurement Date and the first and second anniversary of the Measurement Date. In addition, all of Vornado’s Named Executive Officers (as defined in Vornado’s Proxy Statement filed on Schedule 14A with the Securities and Exchange Commission on April 6, 2018) are required to hold any earned and vested awards for one year following each such vesting date. Dividends on awards granted under the 2018 OPP accrue during the Performance Period and are paid to participants if awards are ultimately earned based on the achievement of the designated performance objectives.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
 (UNAUDITED)

19. Interest and Other Investment Income, Net

The following table sets forth the details of interest and other investment income, net:

| (Amounts in thousands) | For the Three | | For the Nine | |
|---|---------------|---------|---------------|----------|
| | Months Ended | | Months Ended | |
| | September 30, | | September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| (Decrease) increase in fair value of marketable securities: | | | | |
| Lexington Realty Trust | \$(7,942) | \$— | \$(24,934) | \$— |
| Other | 243 | — | 133 | — |
| | (7,699) | — | (24,801) | — |
| Interest on cash and cash equivalents and restricted cash | 4,306 | 1,636 | 12,370 | 4,264 |
| Dividends on marketable securities | 3,354 | 3,309 | 10,060 | 9,923 |
| Interest on loans receivable ⁽¹⁾ | 2,004 | 754 | 8,952 | 3,599 |
| Other, net | 928 | 1,632 | 2,820 | 4,781 |
| | \$2,893 | \$7,331 | \$9,401 | \$22,567 |

(1) The three and nine months ended September 30, 2018 include \$1,250 and \$6,707, respectively, of profit participation in connection with an investment in a mezzanine loan which was previously repaid to us.

20. Interest and Debt Expense

The following table sets forth the details of interest and debt expense:

| (Amounts in thousands) | For the Three | | For the Nine Months | |
|--|---------------|-----------|---------------------|-----------|
| | Months Ended | | Ended | |
| | September 30, | | September 30, | |
| | 2018 | 2017 | 2018 | 2017 |
| Interest expense | \$98,841 | \$89,675 | \$290,006 | \$263,037 |
| Amortization of deferred financing costs | 8,348 | 7,977 | 24,486 | 24,523 |
| Capitalized interest and debt expense | (18,238) | (12,584) | (49,718) | (34,979) |
| | \$88,951 | \$85,068 | \$264,774 | \$252,581 |

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

21. Income (Loss) Per Share/Income (Loss) Per Class A Unit

Vornado Realty Trust

The following table provides a reconciliation of both net income (loss) attributable to Vornado and the number of common shares used in the computation of (i) basic income (loss) per common share - which includes the weighted average number of common shares outstanding without regard to dilutive potential common shares, and (ii) diluted income (loss) per common share - which includes the weighted average common shares and dilutive share equivalents. Dilutive share equivalents may include our Series A convertible preferred shares, employee stock options, restricted stock awards and Out-Performance Plan awards.

| (Amounts in thousands, except per share amounts) | For the Three Months Ended | | For the Nine Months Ended | |
|--|----------------------------|--------------------|---------------------------|--------------------|
| | September 30, 2018 | September 30, 2017 | September 30, 2018 | September 30, 2017 |
| Numerator: | | | | |
| Income from continuing operations, net of income attributable to noncontrolling interests | \$203,122 | \$32,050 | \$336,570 | \$196,684 |
| Income (loss) from discontinued operations, net of income attributable to noncontrolling interests | 57 | (44,948) | 357 | (13,600) |
| Net income (loss) attributable to Vornado | 203,179 | (12,898) | 336,927 | 183,084 |
| Preferred share dividends | (12,534) | (16,128) | (38,103) | (48,386) |
| Preferred share issuance costs | — | — | (14,486) | — |
| Net income (loss) attributable to common shareholders | 190,645 | (29,026) | 284,338 | 134,698 |
| Earnings allocated to unvested participating securities | (17) | (9) | (33) | (37) |
| Numerator for basic income (loss) per share | 190,628 | (29,035) | 284,305 | 134,661 |
| Impact of assumed conversions: | | | | |
| Convertible preferred share dividends | 15 | — | 47 | — |
| Earnings allocated to Out-Performance Plan units | — | — | 127 | 195 |
| Numerator for diluted income (loss) per share | \$190,643 | \$(29,035) | \$284,479 | \$134,856 |
| Denominator: | | | | |
| Denominator for basic income (loss) per share – weighted average shares | 190,245 | 189,593 | 190,176 | 189,401 |
| Effect of dilutive securities⁽¹⁾: | | | | |
| Employee stock options and restricted share awards | 1,045 | 1,254 | 972 | 1,553 |
| Convertible preferred shares | 37 | — | 38 | 303 |
| Out-Performance Plan units | — | — | 106 | — |
| Denominator for diluted income (loss) per share – weighted average shares and assumed conversions | 191,327 | 190,847 | 191,292 | 191,257 |
| INCOME (LOSS) PER COMMON SHARE – BASIC: | | | | |
| Income from continuing operations, net | \$1.00 | \$0.09 | \$1.50 | \$0.78 |
| Loss from discontinued operations, net | — | (0.24) | — | (0.07) |
| Net income (loss) per common share | \$1.00 | \$(0.15) | \$1.50 | \$0.71 |
| INCOME (LOSS) PER COMMON SHARE – DILUTED: | | | | |
| Income from continuing operations, net | \$1.00 | \$0.09 | \$1.49 | \$0.78 |
| Loss from discontinued operations, net | — | (0.24) | — | (0.07) |

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

21. Income (Loss) Per Share/Income (Loss) Per Class A Unit - continued

Vornado Realty L.P.

The following table provides a reconciliation of both net income (loss) attributable to Vornado Realty L.P. and the number of Class A units used in the computation of (i) basic income (loss) per Class A unit - which includes the weighted average number of Class A units outstanding without regard to dilutive potential Class A units, and (ii) diluted income (loss) per Class A unit - which includes the weighted average Class A units and dilutive unit equivalents. Dilutive unit equivalents may include our Series A convertible preferred units, Vornado stock options, restricted unit awards and Out-Performance Plan awards.

| (Amounts in thousands, except per unit amounts) | For the Three Months Ended | | For the Nine Months Ended | |
|--|----------------------------|--------------------|---------------------------|--------------------|
| | September 30, 2018 | September 30, 2017 | September 30, 2018 | September 30, 2017 |
| Numerator: | | | | |
| Income from continuing operations, net of income attributable to noncontrolling interests in consolidated subsidiaries | \$215,789 | \$33,154 | \$355,538 | \$206,642 |
| Income (loss) from discontinued operations | 61 | (47,930) | 381 | (14,501) |
| Net income (loss) attributable to Vornado Realty L.P. | 215,850 | (14,776) | 355,919 | 192,141 |
| Preferred unit distributions | (12,582) | (16,176) | (38,248) | (48,531) |
| Preferred unit issuance costs | — | — | (14,486) | — |
| Net income (loss) attributable to Class A unitholders | 203,268 | (30,952) | 303,185 | 143,610 |
| Earnings allocated to unvested participating securities | (997) | (740) | (2,259) | (2,499) |
| Numerator for basic income (loss) per Class A unit | 202,271 | (31,692) | 300,926 | 141,111 |
| Impact of assumed conversions: | | | | |
| Convertible preferred unit distributions | 15 | — | 47 | — |
| Numerator for diluted income (loss) per Class A unit | \$202,286 | \$(31,692) | \$300,973 | \$141,111 |
| Denominator: | | | | |
| Denominator for basic income (loss) per Class A unit – weighted average units | 202,103 | 201,300 | 202,033 | 201,093 |
| Effect of dilutive securities⁽¹⁾: | | | | |
| Vornado stock options and restricted unit awards | 1,454 | 1,813 | 1,329 | 2,218 |
| Convertible preferred units | 37 | — | 38 | — |
| Denominator for diluted income (loss) per Class A unit – weighted average units and assumed conversions | 203,594 | 203,113 | 203,400 | 203,311 |
| INCOME (LOSS) PER CLASS A UNIT – BASIC: | | | | |
| Income from continuing operations, net | \$1.00 | \$0.08 | \$1.49 | \$0.77 |
| Loss from discontinued operations, net | — | (0.24) | — | (0.07) |
| Net income (loss) per Class A unit | \$1.00 | \$(0.16) | \$1.49 | \$0.70 |
| INCOME (LOSS) PER CLASS A UNIT – DILUTED: | | | | |
| Income from continuing operations, net | \$0.99 | \$0.08 | \$1.48 | \$0.76 |
| Loss from discontinued operations, net | — | (0.24) | — | (0.07) |
| Net income (loss) per Class A unit | \$0.99 | \$(0.16) | \$1.48 | \$0.69 |

(1) The effect of dilutive securities for the three months ended September 30, 2018 and 2017 excludes an aggregate of 105 and 147 weighted average Class A unit equivalents, respectively, and 112 and 118 weighted average Class A unit equivalents for the nine months ended September 30, 2018 and 2017, respectively, as their effect was anti-dilutive.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

22. Commitments and Contingencies

Insurance

We maintain general liability insurance with limits of \$300,000,000 per occurrence and per property, and all risk property and rental value insurance with limits of \$2.0 billion per occurrence, with sub-limits for certain perils such as flood and earthquake. Our California properties have earthquake insurance with coverage of \$260,000,000 per occurrence and in the aggregate, subject to a deductible in the amount of 5% of the value of the affected property. We maintain coverage for terrorism acts with limits of \$4.0 billion per occurrence and in the aggregate, and \$2.0 billion per occurrence and in the aggregate for terrorism involving nuclear, biological, chemical and radiological (“NBCR”) terrorism events, as defined by the Terrorism Risk Insurance Program Reauthorization Act of 2015, which expires in December 2020.

Penn Plaza Insurance Company, LLC (“PPIC”), our wholly owned consolidated subsidiary, acts as a re-insurer with respect to a portion of all-risk property and rental value insurance and a portion of our earthquake insurance coverage, and as a direct insurer for coverage for acts of terrorism including NBCR acts. Coverage for acts of terrorism (excluding NBCR acts) is fully reinsured by third-party insurance companies and the Federal government with no exposure to PPIC. For NBCR acts, PPIC is responsible for a deductible of \$1,601,000 and 18% of the balance of a covered loss and the Federal government is responsible for the remaining portion of a covered loss. We are ultimately responsible for any loss incurred by PPIC.

We continue to monitor the state of the insurance market and the scope and cost of coverage for acts of terrorism. However, we cannot anticipate what coverage will be available on commercially reasonable terms in the future. We are responsible for deductibles and losses in excess of our insurance coverage, which could be material.

Our debt instruments, consisting of mortgage loans secured by our properties which are generally non-recourse to us, senior unsecured notes, and our unsecured loan and revolving credit agreements, contain customary covenants requiring us to maintain insurance. Although we believe that we have adequate insurance coverage for purposes of these agreements, we may not be able to obtain an equivalent amount of coverage at reasonable cost in the future. Further, if lenders insist on greater coverage than we are able to obtain, it could adversely affect our ability to finance our properties and expand our portfolio.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

22. Commitments and Contingencies - continued

Other Commitments and Contingencies

We are from time to time involved in legal actions arising in the ordinary course of business. In our opinion, after consultation with legal counsel, the outcome of such matters is not currently expected to have a material adverse effect on our financial position, results of operations or cash flows.

Each of our properties has been subjected to varying degrees of environmental assessment at various times. The environmental assessments did not reveal any material environmental contamination. However, there can be no assurance that the identification of new areas of contamination, changes in the extent or known scope of contamination, the discovery of additional sites or changes in cleanup requirements would not result in significant cost to us.

Generally, our mortgage loans are non-recourse to us. However, in certain cases we have provided guarantees or master leased tenant space. These guarantees and master leases terminate either upon the satisfaction of specified circumstances or repayment of the underlying loans. As of September 30, 2018, the aggregate dollar amount of these guarantees and master leases is approximately \$620,000,000.

As of September 30, 2018, \$13,337,000 of letters of credit was outstanding under one of our unsecured revolving credit facilities. Our unsecured revolving credit facilities contain financial covenants that require us to maintain minimum interest rate coverage and maximum debt to market capitalization ratios, and provide for higher interest rates in the event of a decline in our ratings below Baa3/BBB. Our unsecured revolving credit facilities also contain customary conditions precedent to borrowing, including representations and warranties, and also contain customary events of default that could give rise to accelerated repayment, including such items as failure to pay interest or principal.

In September 2016, our 50.1% joint venture with Related Companies ("Related") was designated by Empire State Development ("ESD"), an entity of New York State, to redevelop the historic Farley Post Office Building. The joint venture entered into a development agreement with ESD and a design-build contract with Skanska Moynihan Train Hall Builders. Under the development agreement with ESD, the joint venture is obligated to build the Moynihan Train Hall, with Vornado and Related each guaranteeing the joint venture's obligations. Under the design-build agreement, Skanska Moynihan Train Hall Builders is obligated to fulfill all of the joint venture's obligations. The obligations of Skanska Moynihan Train Hall Builders have been bonded by Skanska USA and bear a full guaranty from Skanska AB.

As of September 30, 2018, we expect to fund additional capital to certain of our partially owned entities aggregating approximately \$19,000,000.

As of September 30, 2018, we have construction commitments aggregating approximately \$295,000,000.

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

23. Segment Information

Net Operating Income (“NOI”) represents total revenues less operating expenses. We consider NOI to be the primary non-GAAP financial measure for making decisions and assessing the unlevered performance of our segments as it relates to the total return on assets as opposed to the levered return on equity. As properties are bought and sold based on NOI, we utilize this measure to make investment decisions as well as to compare the performance of our assets to that of our peers. NOI should not be considered a substitute for net income. NOI may not be comparable to similarly titled measures employed by other companies.

Below is a reconciliation of net income (loss) to NOI at share and NOI at share - cash basis for three and nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three Months Ended | | For the Nine Months Ended | |
|---|-------------------------------|------------|------------------------------|-----------|
| | September 30, 2018 | 2017 | September 30, 2018 | 2017 |
| Net income (loss) | \$219,162 | \$(10,754) | \$324,782 | \$210,577 |
| Deduct: | | | | |
| (Income) loss from partially owned entities | (7,206) | 41,801 | (6,059) | (5,578) |
| Loss from real estate fund investments | 190 | 6,308 | 37,973 | 1,649 |
| Interest and other investment income, net | (2,893) | (7,331) | (9,401) | (22,567) |
| Net gains on disposition of wholly owned and partially owned assets | (141,269) | — | (164,828) | (501) |
| (Income) loss from discontinued operations | (61) | 47,930 | (381) | 14,501 |
| NOI attributable to noncontrolling interests in consolidated subsidiaries | (16,943) | (16,171) | (51,415) | (48,778) |
| Add: | | | | |
| Depreciation and amortization expense | 113,169 | 104,972 | 333,701 | 315,223 |
| General and administrative expense | 31,977 | 34,286 | 108,937 | 115,866 |
| Transaction related costs and other | 2,510 | 61 | 16,683 | 1,073 |
| Our share of NOI from partially owned entities | 60,094 | 66,876 | 193,359 | 199,989 |
| Interest and debt expense | 88,951 | 85,068 | 264,774 | 252,581 |
| Income tax expense | 1,943 | 1,188 | 4,964 | 3,491 |
| NOI at share | 349,624 | 354,234 | 1,053,089 | 1,037,526 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (8,743) | (22,307) | (39,172) | (65,263) |
| NOI at share - cash basis | \$340,881 | \$331,927 | \$1,013,917 | \$972,263 |

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

23. Segment Information - continued

Below is a summary of NOI at share and NOI at share - cash basis by segment for the three and nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three Months Ended September 30, 2018 | | |
|---|--|-----------|----------|
| | Total | New York | Other |
| Total revenues | \$542,048 | \$462,446 | \$79,602 |
| Operating expenses | 235,575 | 200,949 | 34,626 |
| NOI - consolidated | 306,473 | 261,497 | 44,976 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (16,943) | (11,348) | (5,595) |
| Add: Our share of NOI from partially owned entities | 60,094 | 47,179 | 12,915 |
| NOI at share | 349,624 | 297,328 | 52,296 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (8,743) | (9,125) | 382 |
| NOI at share - cash basis | \$340,881 | \$288,203 | \$52,678 |

| (Amounts in thousands) | For the Three Months Ended September 30, 2017 | | |
|---|--|-----------|----------|
| | Total | New York | Other |
| Total revenues | \$528,755 | \$453,609 | \$75,146 |
| Operating expenses | 225,226 | 192,430 | 32,796 |
| NOI - consolidated | 303,529 | 261,179 | 42,350 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (16,171) | (11,464) | (4,707) |
| Add: Our share of NOI from partially owned entities | 66,876 | 48,779 | 18,097 |
| NOI at share | 354,234 | 298,494 | 55,740 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (22,307) | (21,092) | (1,215) |
| NOI at share - cash basis | \$331,927 | \$277,402 | \$54,525 |

| (Amounts in thousands) | For the Nine Months Ended September 30, 2018 | | |
|---|---|-------------|-----------|
| | Total | New York | Other |
| Total revenues | \$1,620,303 | \$1,369,482 | \$250,821 |
| Operating expenses | 709,158 | 599,768 | 109,390 |
| NOI - consolidated | 911,145 | 769,714 | 141,431 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (51,415) | (34,653) | (16,762) |
| Add: Our share of NOI from partially owned entities | 193,359 | 146,730 | 46,629 |
| NOI at share | 1,053,089 | 881,791 | 171,298 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (39,172) | (39,161) | (11) |
| NOI at share - cash basis | \$1,013,917 | \$842,630 | \$171,287 |

| (Amounts in thousands) | For the Nine Months Ended September 30, 2017 | | |
|------------------------|---|-------------|-----------|
| | Total | New York | Other |
| Total revenues | \$1,547,900 | \$1,316,710 | \$231,190 |

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| | | | |
|---|-----------|-----------|-----------|
| Operating expenses | 661,585 | 561,249 | 100,336 |
| NOI - consolidated | 886,315 | 755,461 | 130,854 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (48,778) | (34,251) | (14,527) |
| Add: Our share of NOI from partially owned entities | 199,989 | 140,627 | 59,362 |
| NOI at share | 1,037,526 | 861,837 | 175,689 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (65,263) | (57,761) | (7,502) |
| NOI at share - cash basis | \$972,263 | \$804,076 | \$168,187 |

VORNADO REALTY TRUST AND VORNADO REALTY L.P.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - CONTINUED
(UNAUDITED)

24. Subsequent Event

On October 26, 2018, we extended our \$750,000,000 unsecured term loan from October 2020 to February 2024. The interest rate on the extended unsecured term loan was lowered from LIBOR plus 1.15% to LIBOR plus 1.00% (3.30% as of October 26, 2018).

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Shareholders and the Board of Trustees of Vornado Realty Trust

Results of Review of Interim Financial Information

We have reviewed the accompanying consolidated balance sheet of Vornado Realty Trust and subsidiaries (the "Company") as of September 30, 2018, the related consolidated statements of income and comprehensive income for the three-month and nine-month periods ended September 30, 2018 and 2017, and of changes in equity, and cash flows, for the nine-month periods ended September 30, 2018 and 2017, and the related notes (collectively referred to as the "interim financial information"). Based on our reviews, we are not aware of any material modifications that should be made to the accompanying interim financial information for it to be in conformity with accounting principles generally accepted in the United States of America.

We have previously audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheet of the Company as of December 31, 2017, and the related consolidated statements of income, comprehensive income, changes in equity, and cash flows for the year then ended; and in our report dated February 12, 2018, we expressed an unqualified opinion on those consolidated financial statements. In our opinion, the information set forth in the accompanying consolidated balance sheet as of December 31, 2017, is fairly stated, in all material respects, in relation to the consolidated balance sheet from which it has been derived.

Basis for Review Results

This interim financial information is the responsibility of the Company's management. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our reviews in accordance with standards of the PCAOB. A review of interim financial information consists principally of applying analytical procedures and making inquiries of persons responsible for financial and accounting matters. It is substantially less in scope than an audit conducted in accordance with the standards of the PCAOB, the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

/s/ DELOITTE & TOUCHE LLP

Parsippany, New Jersey
October 29, 2018

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Partners of Vornado Realty L.P.

Results of Review of Interim Financial Information

We have reviewed the accompanying consolidated balance sheet of Vornado Realty L.P. and subsidiaries (the "Partnership") as of September 30, 2018, the related consolidated statements of income and comprehensive income for the three-month and nine-month periods ended September 30, 2018 and 2017, and of changes in equity, and cash flows, for the nine-month periods ended September 30, 2018 and 2017, and the related notes (collectively referred to as the "interim financial information"). Based on our reviews, we are not aware of any material modifications that should be made to the accompanying interim financial information for it to be in conformity with accounting principles generally accepted in the United States of America.

We have previously audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheet of the Partnership as of December 31, 2017, and the related consolidated statements of income, comprehensive income, changes in equity, and cash flows for the year then ended; and in our report dated February 12, 2018, we expressed an unqualified opinion on those consolidated financial statements. In our opinion, the information set forth in the accompanying consolidated balance sheet as of December 31, 2017, is fairly stated, in all material respects, in relation to the consolidated balance sheet from which it has been derived.

Basis for Review Results

This interim financial information is the responsibility of the Company's management. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Partnership in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our reviews in accordance with standards of the PCAOB. A review of interim financial information consists principally of applying analytical procedures and making inquiries of persons responsible for financial and accounting matters. It is substantially less in scope than an audit conducted in accordance with the standards of the PCAOB, the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

/s/ DELOITTE & TOUCHE LLP

Parsippany, New Jersey
October 29, 2018

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Certain statements contained in this Quarterly Report constitute forward looking statements as such term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements are not guarantees of performance. They represent our intentions, plans, expectations and beliefs and are subject to numerous assumptions, risks and uncertainties. Our future results, financial condition and business may differ materially from those expressed in these forward-looking statements. You can find many of these statements by looking for words such as “approximates,” “believes,” “expects,” “anticipates,” “estimates,” “intends,” “plans,” “would,” “may” or other similar expressions in this Quarterly Report on Form 10-Q. We also note the following forward-looking statements: in the case of our development and redevelopment projects, the estimated completion date, estimated project cost and cost to complete; and estimates of future capital expenditures, dividends to common and preferred shareholders and operating partnership distributions. Many of the factors that will determine the outcome of these and our other forward-looking statements are beyond our ability to control or predict. For further discussion of factors that could materially affect the outcome of our forward-looking statements, see “Item 1A. Risk Factors” in our Annual Report on Form 10-K for the year ended December 31, 2017. For these statements, we claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995. You are cautioned not to place undue reliance on our forward-looking statements, which speak only as of the date of this Quarterly Report on Form 10-Q or the date of any document incorporated by reference. All subsequent written and oral forward-looking statements attributable to us or any person acting on our behalf are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. We do not undertake any obligation to release publicly any revisions to our forward-looking statements to reflect events or circumstances occurring after the date of this Quarterly Report on Form 10-Q.

Management's Discussion and Analysis of Financial Condition and Results of Operations includes a discussion of our consolidated financial statements for the three and nine months ended September 30, 2018. The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. Actual results could differ from those estimates. The results of operations for the three and nine months ended September 30, 2018 are not necessarily indicative of the operating results for the full year. Certain prior year balances have been reclassified in order to conform to the current year presentation.

Overview

Vornado Realty Trust (“Vornado”) is a fully integrated real estate investment trust (“REIT”) and conducts its business through, and substantially all of its interests in properties are held by, Vornado Realty L.P., a Delaware limited partnership (the “Operating Partnership”). Vornado is the sole general partner of, and owned approximately 93.5% of the common limited partnership interest in, the Operating Partnership as of September 30, 2018. All references to the “Company,” “we,” “us,” and “our” mean collectively Vornado, the Operating Partnership and those entities/subsidiaries consolidated by Vornado.

We compete with a large number of real estate property owners and developers, some of which may be willing to accept lower returns on their investments. Principal factors of competition are rents charged, sales prices, attractiveness of location, the quality of the property and the breadth and the quality of services provided. Our success depends upon, among other factors, trends of the global, national, regional and local economies, the financial condition and operating results of current and prospective tenants and customers, availability and cost of capital, construction and renovation costs, taxes, governmental regulations, legislation, population and employment trends. See “Risk Factors” in Item 1A for additional information regarding these factors.

Vornado Realty Trust

Quarter Ended September 30, 2018 Financial Results Summary

Net income attributable to common shareholders for the quarter ended September 30, 2018 was \$190,645,000, or \$1.00 per diluted share, compared to a loss of \$29,026,000, or \$0.15 per diluted share, for the prior year’s quarter. The quarters ended September 30, 2018 and 2017 include certain items that impact the comparability of period to period net income (loss) attributable to common shareholders, which are listed in the table on the following page. The aggregate of these items, net of amounts attributable to noncontrolling interests, increased net income attributable to common shareholders for the quarter ended September 30, 2018 by \$124,485,000, or \$0.65 per diluted share, and increased net loss attributable to common shareholders by \$102,024,000, or \$0.53 per diluted share, for the quarter ended September 30, 2017.

Funds From Operations (“FFO”) attributable to common shareholders plus assumed conversions for the quarter ended September 30, 2018 was \$182,516,000, or \$0.95 per diluted share, compared to \$100,178,000, or \$0.52 per diluted share, for the prior year’s quarter. FFO attributable to common shareholders plus assumed conversions for the quarters ended September 30, 2018 and 2017 include certain items that impact the comparability of period to period FFO, which are listed in the table on page 54. The aggregate of these items, net of amounts attributable to noncontrolling interests, decreased FFO attributable to common shareholders plus assumed conversions for the quarter ended September 30, 2018 by \$3,119,000, or \$0.02 per diluted share, and \$84,948,000, or \$0.45 per diluted share, for the quarter ended September 30, 2017.

Nine Months Ended September 30, 2018 Financial Results Summary

Net income attributable to common shareholders for the nine months ended September 30, 2018 was \$284,338,000, or \$1.49 per diluted share, compared to \$134,698,000, or \$0.71 per diluted share, for the nine months ended September 30, 2017. The nine months ended September 30, 2018 and 2017 include certain items that impact the comparability of period to period net income attributable to common shareholders, which are listed in the table on the following page. The aggregate of these items, net of amounts attributable to noncontrolling interests, increased net income attributable to common shareholders for the nine months ended September 30, 2018 by \$91,390,000, or \$0.48 per diluted share, and decreased net income attributable to common shareholders for the nine months ended September 30, 2017 by \$52,595,000, or \$0.27 per diluted share.

FFO attributable to common shareholders plus assumed conversions for the nine months ended September 30, 2018 was \$494,941,000, or \$2.59 per diluted share, compared to \$564,431,000, or \$2.95 per diluted share, for the nine months ended September 30, 2017. FFO attributable to common shareholders plus assumed conversions for the nine months ended September 30, 2018 and 2017 include certain items that impact the comparability of period to period FFO, which are listed in the table on page 54. The aggregate of these items, net of amounts attributable to noncontrolling interests, decreased FFO attributable to common shareholders plus assumed conversions for the nine months ended September 30, 2018 by \$52,606,000, or \$0.27 per diluted share, and increased FFO attributable to common shareholders plus assumed conversions for the nine months ended September 30, 2017 by \$38,953,000, or \$0.20 per diluted share.

Overview - continued

The following table reconciles the difference between our net income (loss) attributable to common shareholders and our net income attributable to common shareholders, as adjusted:

| (Amounts in thousands) | For the Three Months Ended September 30, 2018 | | For the Nine Months Ended September 30, 2017 | |
|--|--|-----------|---|------------|
| Certain (income) expense items that impact net income (loss) attributable to common shareholders: | | | | |
| Net gain on sale of our ownership interests in 666 Fifth Avenue Office Condominium | \$(134,032) | \$— | \$(134,032) | \$— |
| Net gain on the repayment of our loan investment in 666 Fifth Avenue Office Condominium | (7,308 |) — | (7,308 |) — |
| Decrease in fair value of marketable securities (including our share of partially owned entities) | 7,966 | — | 26,602 | — |
| Net gains on sale of real estate (including our share of partially owned entities) | (3,350 |) (1,522 |) (28,104 |) (20,981 |
| Our share of loss (income) from real estate fund investments (excluding our \$4,252 share of One Park Avenue potential additional transfer taxes and reduction in carried interest for the nine months ended September 30, 2018) | 748 | 7,794 | (617 |) 11,333 |
| Loss from discontinued operations and sold properties (primarily related to JBG SMITH Properties operating results and transaction costs through July 17, 2017 spin-off) | 42 | 53,739 | 4,886 | 40,542 |
| Impairment loss on investment in Pennsylvania Real Estate Investment Trust ("PREIT") | — | 44,465 | — | 44,465 |
| Net gain resulting from Urban Edge Properties ("UE") operating partnership unit issuances | — | (5,200 |) — | (21,100 |
| Our share of potential additional New York City transfer taxes based on a Tax Tribunal interpretation which Vornado is appealing | — | — | 23,503 | — |
| Preferred share issuance costs | — | — | 14,486 | — |
| Net gain on repayment of our Suffolk Downs JV debt investments | — | — | — | (11,373 |
| Other | 3,207 | 9,515 | 3,133 | 13,333 |
| | (132,727 |) 108,791 | (97,451 |) 56,219 |
| Noncontrolling interests' share of above adjustments | 8,242 | (6,767 |) 6,061 | (3,624 |
| Total of certain (income) expense items that impact net income (loss) attributable to common shareholders | \$(124,485) | \$102,024 | \$(91,390 |) \$52,595 |

Overview - continued

The following table reconciles the difference between our FFO attributable to common shareholders plus assumed conversions and our FFO attributable to common shareholders plus assumed conversions, as adjusted:

| (Amounts in thousands) | For the Three Months Ended September 30, 2018 | | For the Nine Months Ended September 30, 2017 | |
|--|--|----------|---|------------|
| Certain expense (income) items that impact FFO attributable to common shareholders plus assumed conversions: | | | | |
| Decrease in fair value of marketable securities (including our share of partially owned entities) | \$7,966 | \$— | \$26,602 | \$— |
| Net gain on the repayment of our loan investment in 666 Fifth Avenue Office Condominium | (7,308) | — | (7,308) | — |
| FFO from discontinued operations and sold properties (primarily related to JBG SMITH Properties operating results and transaction costs through July 17, 2017 spin-off) | (1,152) | 38,771 | (3,297) | (68,843) |
| Our share of FFO from real estate fund investments (excluding our \$4,252 share of One Park Avenue potential additional transfer taxes and reduction in carried interest for the nine months ended September 30, 2018) | 748 | 7,794 | (617) | 11,333 |
| Impairment loss on investment in PREIT | — | 44,465 | — | 44,465 |
| Net gain resulting from UE operating partnership unit issuances | — | (5,200) | — | (21,100) |
| Our share of potential additional New York City transfer taxes based on a Tax Tribunal interpretation which Vornado is appealing | — | — | 23,503 | — |
| Preferred share issuance costs | — | — | 14,486 | — |
| Net gain on repayment of our Suffolk Downs JV debt investments | — | — | — | (11,373) |
| Other | 3,071 | 4,701 | 2,751 | 3,986 |
| | 3,325 | 90,531 | 56,120 | (41,532) |
| Noncontrolling interests' share of above adjustments | (206) | (5,583) | (3,514) | 2,579 |
| Total of certain expense (income) items that impact FFO attributable to common shareholders plus assumed conversions, net | \$3,119 | \$84,948 | \$52,606 | \$(38,953) |

Overview - continued

Vornado Realty Trust and Vornado Realty L.P.

Same Store Net Operating Income (“NOI”) At Share

The percentage increase (decrease) in same store NOI at share and same store NOI at share - cash basis of our New York segment, theMART and 555 California Street are summarized below.

| | Total | New York ⁽¹⁾ | theMART | 555 California Street |
|--|--------|-------------------------|---------|-----------------------|
| Same store NOI at share % increase (decrease): | | | | |
| Three months ended September 30, 2018 compared to September 30, 2017 | 0.9 % | 0.6 % | (3.8)% | 17.2 % |
| Nine months ended September 30, 2018 compared to September 30, 2017 | 3.3 % | 3.0 % | 1.6 % | 14.3 % |
| Three months ended September 30, 2018 compared to June 30, 2018 | (0.4)% | 0.6 % | (9.8)% | (1.2)% |
| Same store NOI at share - cash basis % increase (decrease): | | | | |
| Three months ended September 30, 2018 compared to September 30, 2017 | 4.3 % | 3.9 % | 2.2 % | 19.9 % |
| Nine months ended September 30, 2018 compared to September 30, 2017 | 5.9 % | 5.2 % | 7.6 % | 19.0 % |
| Three months ended September 30, 2018 compared to June 30, 2018 | 0.9 % | 2.0 % | (6.7)% | (5.4)% |

| | Increase |
|--|----------|
| (1) Excluding Hotel Pennsylvania, same store NOI at share % increase: | |
| Three months ended September 30, 2018 compared to September 30, 2017 | 1.0 % |
| Nine months ended September 30, 2018 compared to September 30, 2017 | 3.1 % |
| Three months ended September 30, 2018 compared to June 30, 2018 | 1.0 % |
| Excluding Hotel Pennsylvania, same store NOI at share - cash basis % increase: | |
| Three months ended September 30, 2018 compared to September 30, 2017 | 4.3 % |
| Nine months ended September 30, 2018 compared to September 30, 2017 | 5.3 % |
| Three months ended September 30, 2018 compared to June 30, 2018 | 2.5 % |

(2) Excluding tradeshows which are seasonal, same store NOI at share decreased by 4.4% and same store NOI at share - cash basis decreased by 0.3%.

Calculations of same store NOI at share, reconciliations of our net income to NOI at share, NOI at share - cash basis and FFO and the reasons we consider these non-GAAP financial measures useful are provided in the following pages of Management’s Discussion and Analysis of the Financial Condition and Results of Operations.

Overview - continued

Acquisitions

On February 9, 2018, we acquired 537 West 26th Street, a 14,000 square foot commercial property adjacent to our 260 Eleventh Avenue office property, and 55,000 square feet of additional zoning air rights for \$44,000,000.

On July 30, 2012, we entered into a lease with Host Hotels & Resorts, Inc. (NYSE: HST) (“Host”), under which we redeveloped the retail and signage components of the Marriott Times Square Hotel. We accounted for this lease as a “capital lease” and recorded a \$240,000,000 capital lease asset and liability. On September 21, 2018, we acquired the retail condominium from Host for \$442,000,000 (inclusive of the \$240,000,000 capital lease liability). The original lease transaction provided that we would become the 100% owner through a put/call arrangement, based on a pre-negotiated formula. This transaction satisfies the put/call arrangement. Our 100% fee interest includes 45,000 square feet of retail, the 1,611 seat Marquis Theater and the largest digital sign in New York with a 330 linear foot, 25,000 square foot display.

Dispositions

On January 17, 2018, Vornado Capital Partners Real Estate Fund (the “Fund”) completed the sale of the retail condominium at 11 East 68th Street, a property located on Madison Avenue and 68th Street, for \$82,000,000. From the inception of this investment through its disposition, the Fund realized a \$46,259,000 net gain.

On June 21, 2018, we completed the \$45,000,000 sale of 27 Washington Square North, which resulted in a net gain of \$23,559,000 which is included in “net gains on disposition of wholly owned and partially owned assets” on our consolidated statements of income. We acquired the property in December 2015 for \$20,000,000.

666 Fifth Avenue Office Condominium

On August 3, 2018, we completed the sale of our 49.5% interests in the 666 Fifth Avenue Office Condominium. We received net proceeds of \$120,000,000 and recognized a financial statement gain of \$134,032,000 which is included in “net gains on disposition of wholly owned and partially owned assets” on our consolidated statements of income for the three and nine months ended September 30, 2018. The gain for tax purposes was approximately \$244,000,000. We continue to own all of the 666 Fifth Avenue Retail Condominium encompassing the Uniqlo, Tissot and Hollister stores with 125 linear feet of frontage on Fifth Avenue between 52nd and 53rd Street.

Concurrently with the sale of our interests, the existing mortgage loan on the property was repaid and we received net proceeds of \$55,244,000 for the participation we held in the mortgage loan. We recognized a financial statement gain of \$7,308,000, which is included in “net gains on disposition of wholly owned and partially owned assets” on our consolidated statements of income for the three and nine months ended September 30, 2018.

Financings

On January 4 and 11, 2018, we redeemed all of the outstanding 6.625% Series G and Series I cumulative redeemable preferred shares/units at their redemption price of \$25.00 per share/unit, or \$470,000,000 in the aggregate, plus accrued and unpaid dividends/distributions through the date of redemption, and expensed \$14,486,000 of previously capitalized issuance costs.

On January 5, 2018, we completed a \$100,000,000 refinancing of 33-00 Northern Boulevard (Center Building), a 471,000 square foot office building in Long Island City, New York. The seven-year loan is at LIBOR plus 1.80%,

which was swapped to a fixed rate of 4.14%. We realized net proceeds of approximately \$37,200,000 after repayment of the existing 4.43% \$59,800,000 mortgage and closing costs.

On April 19, 2018, the joint venture between the Fund and the Crowne Plaza Joint Venture completed a \$255,000,000 refinancing of the Crowne Plaza Times Square Hotel. The interest-only loan is at LIBOR plus 3.51% (5.66% at September 30, 2018) and matures in May 2020 with three one-year extension options. In connection therewith, the joint venture purchased an interest rate cap that caps LIBOR at a rate of 4.00%. The Crowne Plaza Times Square Hotel was previously encumbered by a \$310,000,000 interest-only mortgage at LIBOR plus 2.80%, which was scheduled to mature in December 2018.

Overview - continued

Financings - continued

On June 11, 2018, the joint venture that owns Independence Plaza, a three-building 1,327 unit residential complex in the Tribeca submarket of Manhattan completed a \$675,000,000 refinancing of Independence Plaza. The seven-year interest-only loan matures in July 2025 and has a fixed rate of 4.25%. Our share of net proceeds, after repayment of the existing 3.48% \$550,000,000 mortgage and closing costs, was \$55,618,000.

On August 9, 2018, we completed a \$120,000,000 refinancing of 4 Union Square South, a 206,000 square foot Manhattan retail property. The interest-only loan carries a rate of LIBOR plus 1.40% (3.50% as of September 30, 2018) and matures in 2025, as extended. The property was previously encumbered by a \$113,000,000 mortgage at LIBOR plus 2.15%, which was scheduled to mature in 2019.

On October 26, 2018, we extended our \$750,000,000 unsecured term loan from October 2020 to February 2024. The interest rate on the extended unsecured term loan was lowered from LIBOR plus 1.15% to LIBOR plus 1.00% (3.30% as of October 26, 2018).

Critical Accounting Policies

A summary of our critical accounting policies is included in our Annual Report on Form 10-K for the year ended December 31, 2017 in Management's Discussion and Analysis of Financial Condition and Results of Operations. For the nine months ended September 30, 2018, there were no material changes to these policies, other than the adoption of the Accounting Standards Codification Topic 606, Revenue from Contracts with Customers, described in Note 3 to the unaudited consolidated financial statements in Part I, Item I of this Quarterly Report on Form 10-Q.

Recently Issued Accounting Literature

Refer to Note 3 - Recently Issued Accounting Literature to the unaudited consolidated financial statements in Part I, Item I of this Quarterly Report on Form 10-Q for information regarding recent accounting pronouncements that may affect us.

Overview - continued

Leasing Activity

The leasing activity and related statistics in the table below are based on leases signed during the period and are not intended to coincide with the commencement of rental revenue in accordance with accounting principles generally accepted in the United States of America ("GAAP"). Second generation relet space represents square footage that has not been vacant for more than nine months and tenant improvements and leasing commissions are based on our share of square feet leased during the period.

| (Square feet in thousands) | New York | | | |
|--|----------|-------------------------|---------|-----------------------|
| | Office | Retail | theMART | 555 California Street |
| Three Months Ended September 30, 2018 | | | | |
| Total square feet leased | 312 | 104 | 28 | 160 |
| Our share of square feet leased: | 308 | 99 | 28 | 112 |
| Initial rent ⁽¹⁾ | \$67.35 | \$135.05 | \$57.92 | \$91.16 |
| Weighted average lease term (years) | 9.5 | 5.7 | 7.4 | 12.1 |
| Second generation relet space: | | | | |
| Square feet | 203 | 95 | 23 | 33 |
| GAAP basis: | | | | |
| Straight-line rent ⁽²⁾ | \$68.30 | \$153.36 | \$60.71 | \$108.36 |
| Prior straight-line rent | \$53.99 | \$255.72 | \$53.06 | \$83.08 |
| Percentage increase (decrease) | 26.5 % | (40.0 %) ⁽³⁾ | 14.4 % | 30.4 % |
| Cash basis: | | | | |
| Initial rent ⁽¹⁾ | \$68.00 | \$130.39 | \$58.53 | \$97.84 |
| Prior escalated rent | \$60.80 | \$95.69 | \$57.45 | \$88.66 |
| Percentage increase | 11.8 % | 36.3 % | 1.9 % | 10.4 % |
| Tenant improvements and leasing commissions: | | | | |
| Per square foot | \$90.48 | \$18.48 | \$21.55 | \$101.81 |
| Per square foot per annum | \$9.52 | \$3.24 | \$2.91 | \$8.41 |
| Percentage of initial rent | 14.1 % | 2.4 % | 5.0 % | 9.2 % |

See notes on the following page

Overview - continued

Leasing Activity - continued

| (Square feet in thousands) | New York | | | |
|--|----------|----------|---------|-----------------------|
| | Office | Retail | theMART | 555 California Street |
| Nine Months Ended September 30, 2018 | | | | |
| Total square feet leased | 1,348 | 229 | 197 | 249 |
| Our share of square feet leased: | 1,212 | 219 | 197 | 174 |
| Initial rent ⁽¹⁾ | \$81.11 | \$168.10 | \$51.78 | \$89.28 |
| Weighted average lease term (years) | 10.3 | 5.3 | 5.9 | 10.3 |
| Second generation relet space: | | | | |
| Square feet | 990 | 209 | 186 | 62 |
| GAAP basis: | | | | |
| Straight-line rent ⁽²⁾ | \$86.62 | \$178.46 | \$52.32 | \$104.06 |
| Prior straight-line rent | \$60.21 | \$233.31 | \$41.88 | \$77.46 |
| Percentage increase (decrease) | 43.9 | % (23.5) | % 24.9 | % 34.3 |
| Cash basis: | | | | |
| Initial rent ⁽¹⁾ | \$83.54 | \$163.02 | \$51.69 | \$97.28 |
| Prior escalated rent | \$63.94 | \$164.76 | \$44.65 | \$85.77 |
| Percentage increase (decrease) | 30.7 | % (1.1) | % 15.8 | % 13.4 |
| Tenant improvements and leasing commissions: | | | | |
| Per square foot | \$97.49 | \$52.48 | \$19.61 | \$94.98 |
| Per square foot per annum | \$9.47 | \$9.90 | \$3.32 | \$9.22 |
| Percentage of initial rent | 11.7 | % 5.9 | % 6.4 | % 10.3 |

Represents the cash basis weighted average starting rent per square foot, which is generally indicative of market (1) rents. Most leases include free rent and periodic step-ups in rent which are not included in the initial cash basis rent per square foot but are included in the GAAP basis straight-line rent per square foot.

(2) Represents the GAAP basis weighted average rent per square foot that is recognized over the term of the respective leases, and includes the effect of free rent and periodic step-ups in rent.

(3) The decrease results from an accounting adjustment at acquisition of the property in 2015 under which we marked the rent up to market.

Overview - continued

Square Footage (in service) and Occupancy as of September 30, 2018

(Square feet in thousands)

| | Number of Properties | Square Feet (in service) | | Occupancy % | |
|---|----------------------|--------------------------|-----------|-------------|---|
| | | Total Portfolio | Our Share | | |
| New York: | | | | | |
| Office | 36 | 20,175 | 16,898 | 97.3 | % |
| Retail (includes retail properties that are in the base of our office properties) | 71 | 2,671 | 2,423 | 96.6 | % |
| Residential - 1,687 units | 10 | 1,533 | 800 | 96.7 | % |
| Alexander's, including 312 residential units | 7 | 2,437 | 790 | 99.3 | % |
| Hotel Pennsylvania | 1 | 1,400 | 1,400 | | |
| | | 28,216 | 22,311 | 97.3 | % |
| Other: | | | | | |
| theMART | 3 | 3,694 | 3,685 | 95.5 | % |
| 555 California Street | 3 | 1,741 | 1,219 | 99.4 | % |
| Other | 10 | 2,522 | 1,187 | 93.5 | % |
| | | 7,957 | 6,091 | | |
| Total square feet as of September 30, 2018 | | 36,173 | 28,402 | | |

Square Footage (in service) and Occupancy as of December 31, 2017

(Square feet in thousands)

| | Number of properties | Square Feet (in service) | | Occupancy % | |
|---|----------------------|--------------------------|-----------|-------------|---|
| | | Total Portfolio | Our Share | | |
| New York: | | | | | |
| Office | 36 | 20,256 | 16,982 | 97.1 | % |
| Retail (includes retail properties that are in the base of our office properties) | 71 | 2,720 | 2,471 | 96.9 | % |
| Residential - 1,671 units | 10 | 1,533 | 800 | 97.3 | % |
| Alexander's, including 312 residential units | 7 | 2,437 | 790 | 99.3 | % |
| Hotel Pennsylvania | 1 | 1,400 | 1,400 | | |
| | | 28,346 | 22,443 | 97.2 | % |
| Other: | | | | | |
| theMART | 3 | 3,689 | 3,680 | 98.6 | % |
| 555 California Street | 3 | 1,741 | 1,219 | 94.2 | % |
| Other | 11 | 2,525 | 1,188 | 93.6 | % |
| | | 7,955 | 6,087 | | |

Total square feet as of December 31, 2017

36,301 28,530

60

Net Operating Income At Share by Segment for the Three Months Ended September 30, 2018 and 2017

NOI represents total revenues less operating expenses. We consider NOI to be the primary non-GAAP financial measure for making decisions and assessing the unlevered performance of our segments as it relates to the total return on assets as opposed to the levered return on equity. As properties are bought and sold based on NOI, we utilize this measure to make investment decisions as well as to compare the performance of our assets to that of our peers. NOI should not be considered a substitute for net income. NOI may not be comparable to similarly titled measures employed by other companies.

Below is a summary of NOI at share and NOI at share - cash basis by segment for the three months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three Months Ended September 30, 2018 | | |
|---|--|-----------|----------|
| | Total | New York | Other |
| Total revenues | \$542,048 | \$462,446 | \$79,602 |
| Operating expenses | 235,575 | 200,949 | 34,626 |
| NOI - consolidated | 306,473 | 261,497 | 44,976 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (16,943) | (11,348) | (5,595) |
| Add: Our share of NOI from partially owned entities | 60,094 | 47,179 | 12,915 |
| NOI at share | 349,624 | 297,328 | 52,296 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (8,743) | (9,125) | 382 |
| NOI at share - cash basis | \$340,881 | \$288,203 | \$52,678 |

| (Amounts in thousands) | For the Three Months Ended September 30, 2017 | | |
|---|--|-----------|----------|
| | Total | New York | Other |
| Total revenues | \$528,755 | \$453,609 | \$75,146 |
| Operating expenses | 225,226 | 192,430 | 32,796 |
| NOI - consolidated | 303,529 | 261,179 | 42,350 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (16,171) | (11,464) | (4,707) |
| Add: Our share of NOI from partially owned entities | 66,876 | 48,779 | 18,097 |
| NOI at share | 354,234 | 298,494 | 55,740 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (22,307) | (21,092) | (1,215) |
| NOI at share - cash basis | \$331,927 | \$277,402 | \$54,525 |

Net Operating Income At Share by Segment for the Three Months Ended September 30, 2018 and 2017 - continued

The elements of our New York and Other NOI at share for the three months ended September 30, 2018 and 2017 are summarized below.

| (Amounts in thousands) | For the Three | |
|----------------------------------|---------------|-----------|
| | Months Ended | |
| | September 30, | |
| | 2018 | 2017 |
| New York: | | |
| Office | \$184,146 | \$185,169 |
| Retail | 92,858 | 90,088 |
| Residential | 5,202 | 5,981 |
| Alexander's | 10,626 | 11,937 |
| Hotel Pennsylvania | 4,496 | 5,319 |
| Total New York | 297,328 | 298,494 |
| Other: | | |
| theMART | 25,257 | 26,019 |
| 555 California Street | 13,515 | 11,519 |
| Other investments ⁽¹⁾ | 13,524 | 18,202 |
| Total Other | 52,296 | 55,740 |
| NOI at share | \$349,624 | \$354,234 |

⁽¹⁾ The three months ended September 30, 2018 and 2017 includes \$1,737 and \$4,875, respectively, from 666 Fifth Avenue Office Condominium (sold on August 3, 2018).

The elements of our New York and Other NOI at share - cash basis for the three months ended September 30, 2018 and 2017 are summarized below.

| (Amounts in thousands) | For the Three | |
|----------------------------------|---------------|-----------|
| | Months Ended | |
| | September 30, | |
| | 2018 | 2017 |
| New York: | | |
| Office | \$181,575 | \$172,741 |
| Retail | 84,976 | 81,612 |
| Residential | 5,358 | 5,417 |
| Alexander's | 11,774 | 12,280 |
| Hotel Pennsylvania | 4,520 | 5,352 |
| Total New York | 288,203 | 277,402 |
| Other: | | |
| theMART | 26,234 | 25,417 |
| 555 California Street | 13,070 | 10,889 |
| Other investments ⁽¹⁾ | 13,374 | 18,219 |
| Total Other | 52,678 | 54,525 |
| NOI at share - cash basis | \$340,881 | \$331,927 |

(1) The three months ended September 30, 2018 and 2017 includes \$1,704 and \$5,036, respectively, from 666 Fifth Avenue Office Condominium (sold on August 3, 2018).

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Reconciliation of Net Income to Net Operating Income At Share for the Three Months Ended September 30, 2018 and 2017

Below is a reconciliation of net income to NOI at share and NOI at share - cash basis for the three months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three Months Ended September 30, | |
|---|---|------------|
| | 2018 | 2017 |
| Net income (loss) | \$219,162 | \$(10,754) |
| Deduct: | | |
| (Income) loss from partially owned entities | (7,206) | 41,801 |
| Loss from real estate fund investments | 190 | 6,308 |
| Interest and other investment income, net | (2,893) | (7,331) |
| Net gains on disposition of wholly owned and partially owned assets | (141,269) | — |
| (Income) loss from discontinued operations | (61) | 47,930 |
| NOI attributable to noncontrolling interests in consolidated subsidiaries | (16,943) | (16,171) |
| Add: | | |
| Depreciation and amortization expense | 113,169 | 104,972 |
| General and administrative expense | 31,977 | 34,286 |
| Transaction related costs and other | 2,510 | 61 |
| Our share of NOI from partially owned entities | 60,094 | 66,876 |
| Interest and debt expense | 88,951 | 85,068 |
| Income tax expense | 1,943 | 1,188 |
| NOI at share | 349,624 | 354,234 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (8,743) | (22,307) |
| NOI at share - cash basis | \$340,881 | \$331,927 |

NOI At Share by Region

Below is a summary of the percentages of NOI at share by geographic region for the three months ended September 30, 2018 and 2017.

| Region: | For the Three Months Ended September 30, 2018 2017 | | | |
|---------------------------------|--|------|------|------|
| New York City metropolitan area | 88 | % | 88 | % |
| Chicago, IL | 8 | % | 8 | % |
| San Francisco, CA | 4 | % | 4 | % |
| | 100% | 100% | 100% | 100% |

Results of Operations – Three Months Ended September 30, 2018 Compared to September 30, 2017

Revenues

Our revenues, which consist of property rentals, tenant expense reimbursements, and fee and other income, were \$542,048,000 for the three months ended September 30, 2018 compared to \$528,755,000 for the prior year's quarter, an increase of \$13,293,000. Below are the details of the increase by segment:

| (Amounts in thousands) | Total | New York | Other |
|--------------------------------------|------------|-------------|-----------------------|
| Increase (decrease) due to: | | | |
| Property rentals: | | | |
| Acquisitions, dispositions and other | \$(1,638) | \$(1,638) | \$— |
| Development and redevelopment | (946) | (1,021) | 75 |
| Hotel Pennsylvania | 629 | 629 | — |
| Trade shows | 596 | — | 596 |
| Same store operations | 6,857 | 2,919 | 3,938 |
| | 5,498 | 889 | 4,609 |
| Tenant expense reimbursements: | | | |
| Acquisitions, dispositions and other | 3 | 3 | — |
| Development and redevelopment | — | (218) | 218 |
| Same store operations | 2,983 | 3,288 | (305) |
| | 2,986 | 3,073 | (87) |
| Fee and other income: | | | |
| BMS cleaning fees | 2,444 | 3,173 | (729) ⁽¹⁾ |
| Management and leasing fees | 2,404 | 2,338 | 66 |
| Lease termination fees | (635) | (926) | 291 |
| Other income | 596 | 290 | 306 |
| | 4,809 | 4,875 | (66) |
| Total increase in revenues | \$13,293 | \$8,837 | \$4,456 |

(1) Represents the change of the elimination of intercompany fees from the New York segment upon consolidation.

Results of Operations – Three Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Expenses

Our expenses, which consist of operating, depreciation and amortization, general and administrative, expense from deferred compensation plan liability, and transaction related costs and other, were \$385,092,000 for the three months ended September 30, 2018, compared to \$366,520,000 for the prior year's quarter, an increase of \$18,572,000. Below are the details of the increase by segment:

| (Amounts in thousands) | Total | New York | Other |
|--|-------------------------|----------|------------------------|
| Increase (decrease) due to: | | | |
| Operating: | | | |
| Acquisitions, dispositions and other | \$81 | \$81 | \$— |
| Development and redevelopment | 283 | 213 | 70 |
| Non-reimbursable expenses, including bad debt reserves | (4,327) | (4,246) | (81) |
| Hotel Pennsylvania | 1,409 | 1,409 | — |
| Trade shows | 237 | — | 237 |
| BMS expenses | 2,213 | 3,004 | (791) ^(1) |
| Same store operations | 10,453 | 8,058 | 2,395 |
| | 10,349 | 8,519 | 1,830 |
| Depreciation and amortization: | | | |
| Acquisitions, dispositions and other | (28) | (28) | — |
| Development and redevelopment | 2,086 | 2,089 | (3) |
| Same store operations | 6,139 | 5,829 | 310 |
| | 8,197 | 7,890 | 307 |
| General and administrative | (2,309) ⁽²⁾ | (253) | (2,056) |
| Expense from deferred compensation plan liability | (114) | — | (114) |
| Transaction related costs and other | 2,449 | — | 2,449 |
| Total increase in expenses | \$18,572 | \$16,156 | \$2,416 |

(1) Represents the change of the elimination of intercompany fees from the New York segment upon consolidation.

(2) This decrease is primarily from higher capitalized leasing and development payroll in 2018.

Income (Loss) from Partially Owned Entities

Below are the components of income (loss) from partially owned entities for the three months ended September 30, 2018 and 2017.

| (Amounts in Ownership Percentage at September 30, 2018) | For the Three Months Ended September 30, | |
|---|--|------|
| | 2018 | 2017 |

Our share of net income

| | | | |
|---|---------|------------|---|
| (loss): | | | |
| Alexander's ⁽¹⁾ | \$5,427 | \$7,845 | |
| UE ⁽²⁾ | 2,763 | 6,008 | |
| Partially owned Various office buildings ⁽³⁾ | 735 | (967 |) |
| PREIT ⁽⁴⁾ | (616 |) (49,748 |) |
| Other Various investments ⁽⁵⁾ | (1,103 |) (4,939 |) |
| | \$7,206 | \$(41,801) | |

2018 includes our \$1,085 share of a non-cash straight-line rent write-off adjustment related to Sears Roebuck and (1)Co. ("Sears") which filed for Chapter 11 bankruptcy relief and our \$518 share of Alexander's litigation expense due to a settlement.

(2)2017 includes a \$5,200 net gain resulting from UE operating partnership unit issuances.

(3) Includes interests in 280 Park Avenue, 650 Madison Avenue, One Park Avenue, 7 West 34th Street, 330 Madison Avenue, 512 West 22nd Street, 85 Tenth Avenue and others.

(4)2017 includes a \$44,465 non-cash impairment loss.

(5) Includes interests in Independence Plaza, Fashion Centre Mall/Washington Tower, Rosslyn Plaza, 50-70 West 93rd Street, 666 Fifth Avenue Office Condominium (sold on August 3, 2018) and others.

Results of Operations – Three Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Loss from Real Estate Fund Investments

Below are the components of the loss from our real estate fund investments for the three months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three Months Ended September 30, | |
|---|--|-----------|
| | 2018 | 2017 |
| Net investment income | \$3,093 | \$6,028 |
| Net unrealized loss on held investments | (3,283) | (11,220) |
| Net realized gain on exited investments | — | 35,620 |
| Previously recorded unrealized gain on exited investment | — | (36,736) |
| Loss from real estate fund investments | (190) | (6,308) |
| Less income attributable to noncontrolling interests in consolidated subsidiaries | (558) | (1,486) |
| Loss from real estate fund investments attributable to the Operating Partnership | (748) | (7,794) |
| Less loss attributable to noncontrolling interests in the Operating Partnership | 46 | 485 |
| Loss from real estate fund investments attributable to Vornado | \$(702) | \$(7,309) |

Interest and Other Investment Income, net

Below are the components of interest and other investment income, net for the three months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three Months Ended September 30, | |
|--|--|---------|
| | 2018 | 2017 |
| Decrease in fair value of marketable securities ⁽¹⁾ | \$(7,699) | \$— |
| Interest on cash and cash equivalents and restricted cash | 4,306 | 1,636 |
| Dividends on marketable securities | 3,354 | 3,309 |
| Interest on loans receivable ⁽²⁾ | 2,004 | 754 |
| Other, net | 928 | 1,632 |
| | \$2,893 | \$7,331 |

On January 1, 2018, we adopted ASU 2016-01, Recognition and Measurement of Financial Assets and Financial Liabilities, which requires changes in the fair value of our marketable securities to be recorded in current period earnings. Previously, changes in the fair value of marketable securities were recognized in “accumulated other comprehensive income” on our consolidated balance sheets.

(1) 2018 includes \$1,250 of profit participation in connection with an investment in a mezzanine loan which was previously repaid to us.

Interest and Debt Expense

Interest and debt expense was \$88,951,000 for the three months ended September 30, 2018, compared to \$85,068,000 in the prior year’s quarter, an increase of \$3,883,000. This increase was primarily due to (i) \$6,106,000 of higher interest expense resulting from higher average interest rates on our variable rate loans, and (ii) \$3,281,000 of higher interest expense on our \$750,000,000 delayed draw term loan which was fully drawn in October 2017, partially offset by (iii) \$5,654,000 higher capitalized interest and debt expense.

Net Gains on Disposition of Wholly Owned and Partially Owned Assets

Net gains on disposition of wholly owned and partially owned assets for the three months ended September 30, 2018 were \$141,269,000, primarily due to a \$134,032,000 net gain on the sale of our 49.5% interests in 666 Fifth Avenue Office Condominium and a \$7,308,000 net gain from the repayment of our interest in the mortgage loan on 666 Fifth Avenue Office Condominium.

Income Tax Expense

Income tax expense for the three months ended September 30, 2018 was \$1,943,000 compared to \$1,188,000 for the prior year's quarter, an increase of \$755,000.

Results of Operations – Three Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Income (Loss) from Discontinued Operations

We have reclassified the revenues and expenses of our former Washington, DC segment which was spun off on July 17, 2017 and other related retail assets that were sold to “income (loss) from discontinued operations” and the related assets and liabilities to “assets related to discontinued operations” and “liabilities related to discontinued operations” for all periods presented in the accompanying financial statements. The table below sets forth the combined results of operations of assets related to discontinued operations for the three months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Three | |
|--|---------------|------------|
| | Months Ended | |
| | September 30, | |
| | 2018 | 2017 |
| Total revenues | \$174 | \$25,747 |
| Total expenses | 113 | 21,708 |
| | 61 | 4,039 |
| JBG SMITH Properties ("JBGS") spin-off transaction costs | — | (53,581) |
| Additional net gains on sale of real estate | — | 1,530 |
| Income from partially-owned entities | — | 93 |
| Pretax income (loss) from discontinued operations | 61 | (47,919) |
| Income tax expense | — | (11) |
| Income (loss) from discontinued operations | \$61 | \$(47,930) |

Net Income Attributable to Noncontrolling Interests in Consolidated Subsidiaries

Net income attributable to noncontrolling interests in consolidated subsidiaries was \$3,312,000 for the three months ended September 30, 2018, compared to \$4,022,000 for the prior year’s quarter, a decrease in income of \$710,000. This decrease resulted primarily from lower net income allocated to the noncontrolling interests, including noncontrolling interests of our real estate fund investments.

Net (Income) Loss Attributable to Noncontrolling Interests in the Operating Partnership (Vornado Realty Trust)

Net income attributable to noncontrolling interests in the Operating Partnership was \$12,671,000 for the three months ended September 30, 2018, compared to a net loss of \$1,878,000 for the prior year’s quarter, an increase in income of \$14,549,000. This increase resulted primarily from higher net income subject to allocation to Class A unitholders.

Preferred Share Dividends of Vornado Realty Trust

Preferred share dividends were \$12,534,000 for the three months ended September 30, 2018, compared to \$16,128,000 for the prior year’s quarter, a decrease of \$3,594,000. The decrease is comprised of \$7,788,000 of savings from the redemption of all of the outstanding 6.625% Series G and Series I cumulative redeemable preferred shares in January 2018, partially offset by a \$4,194,000 increase due to the issuance of 5.25% Series M cumulative redeemable preferred shares in December 2017.

Preferred Unit Distributions of Vornado Realty L.P.

Preferred unit distributions were \$12,582,000 for the three months ended September 30, 2018, compared to \$16,176,000 for the prior year’s quarter, a decrease of \$3,594,000. The decrease is comprised of \$7,788,000 of savings from the redemption of all the outstanding 6.625% Series G and Series I cumulative redeemable preferred units in January 2018, partially offset by a \$4,194,000 increase due to the issuance of 5.25% Series M cumulative redeemable preferred units in December 2017.

Results of Operations – Three Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Same Store Net Operating Income At Share

Same store NOI at share represents NOI at share from property operations which are owned by us and in service in both the current and prior year reporting periods. Same store NOI at share - cash basis is NOI at share from operations before straight-line rental income and expense, amortization of acquired below and above market leases, net and other non-cash adjustments which are owned by us and in service in both the current and prior year reporting periods. We present these non-GAAP measures to (i) facilitate meaningful comparisons of the operational performance of our properties and segments, (ii) make decisions on whether to buy, sell or refinance properties, and (iii) compare the performance of our properties and segments to those of our peers. Same store NOI at share and same store NOI at share - cash basis should not be considered as an alternative to net income or cash flow from operations and may not be comparable to similarly titled measures employed by other companies.

Below are reconciliations of NOI at share to same store NOI at share for our New York segment, theMART, 555 California Street and other investments for the three months ended September 30, 2018 compared to September 30, 2017.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other |
|---|-----------|-----------|-------------------------|-----------------------------|-----------|
| NOI at share for the three months ended September 30, 2018 | \$349,624 | \$297,328 | \$25,257 | \$13,515 | \$13,524 |
| Less NOI at share from: | | | | | |
| Acquisitions | (260) | (260) | — | — | — |
| Development properties | (12,655) | (12,641) | — | (14) | — |
| Lease termination income, net of write-offs of straight-line receivables and acquired below-market leases, net | 1,581 | 1,800 | (219) | — | — |
| Other non-operating income, net | (14,102) | (578) | — | — | (13,524) |
| Same store NOI at share for the three months ended September 30, 2018 | \$324,188 | \$285,649 | \$25,038 | \$13,501 | \$— |
| NOI at share for the three months ended September 30, 2017 | \$354,234 | \$298,494 | \$26,019 | \$11,519 | \$18,202 |
| Less NOI at share from: | | | | | |
| Dispositions | (232) | (232) | — | — | — |
| Development properties | (12,598) | (12,598) | — | — | — |
| Lease termination income, net of write-offs of straight-line receivables and acquired below-market leases, net | (1,169) | (1,169) | — | — | — |
| Other non-operating income, net | (18,874) | (672) | — | — | (18,202) |
| Same store NOI at share for the three months ended September 30, 2017 | \$321,361 | \$283,823 | \$26,019 | \$11,519 | \$— |
| Increase (decrease) in same store NOI at share for the three months ended September 30, 2018 compared to September 30, 2017 | \$2,827 | \$1,826 | \$(981) | \$1,982 | \$— |
| % increase (decrease) in same store NOI at share | 0.9 | % 0.6 | % ⁽¹⁾ (3.8) | % 17.2 | % — |

(1) Excluding Hotel Pennsylvania, same store NOI at share increased by 1.0%.

Results of Operations – Three Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Same Store Net Operating Income At Share - continued

Below are reconciliations of NOI at share - cash basis to same store NOI at share - cash basis for our New York segment, theMART, 555 California Street and other investments for the three months ended September 30, 2018 compared to September 30, 2017.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other | |
|---|-----------|-----------|----------------------|-----------------------------|-----------|---|
| NOI at share - cash basis for the three months ended September 30, 2018 | \$340,881 | \$288,203 | \$26,234 | \$13,070 | \$13,374 | |
| Less NOI at share - cash basis from: | | | | | | |
| Acquisitions | (259) | (259) | — | — | — | |
| Development properties | (13,433) | (13,419) | — | (14) | — | |
| Lease termination income | (318) | (58) | (260) | — | — | |
| Other non-operating income, net | (13,954) | (580) | — | — | (13,374) | |
| Same store NOI at share - cash basis for the three months ended September 30, 2018 | \$312,917 | \$273,887 | \$25,974 | \$13,056 | \$— | |
| NOI at share - cash basis for the three months ended September 30, 2017 | \$331,927 | \$277,402 | \$25,417 | \$10,889 | \$18,219 | |
| Less NOI at share - cash basis from: | | | | | | |
| Dispositions | (115) | (115) | — | — | — | |
| Development properties | (12,674) | (12,674) | — | — | — | |
| Lease termination income | (285) | (285) | — | — | — | |
| Other non-operating income, net | (18,936) | (717) | — | — | (18,219) | |
| Same store NOI at share - cash basis for the three months ended September 30, 2017 | \$299,917 | \$263,611 | \$25,417 | \$10,889 | \$— | |
| Increase in same store NOI at share - cash basis for the three months ended September 30, 2018 compared to September 30, 2017 | \$13,000 | \$10,276 | \$557 | \$2,167 | \$— | |
| % increase in same store NOI at share - cash basis | 4.3 | % 3.9 | % ⁽¹⁾ 2.2 | % 19.9 | % — | % |

(1) Excluding Hotel Pennsylvania, same store NOI at share - cash basis increased by 4.3%.

Net Operating Income At Share by Segment for the Nine Months Ended September 30, 2018 and 2017

NOI represents total revenues less operating expenses. We consider NOI to be the primary non-GAAP financial measure for making decisions and assessing the unlevered performance of our segments as it relates to the total return on assets as opposed to the levered return on equity. As properties are bought and sold based on NOI, we utilize this measure to make investment decisions as well as to compare the performance of our assets to that of our peers. NOI should not be considered a substitute for net income. NOI may not be comparable to similarly titled measures employed by other companies.

Below is a summary of NOI at share and NOI at share - cash basis by segment for the nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Nine Months Ended September 30, 2018 | | |
|---|---|-------------|-----------|
| | Total | New York | Other |
| Total revenues | \$1,620,303 | \$1,369,482 | \$250,821 |
| Operating expenses | 709,158 | 599,768 | 109,390 |
| NOI - consolidated | 911,145 | 769,714 | 141,431 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (51,415) | (34,653) | (16,762) |
| Add: Our share of NOI from partially owned entities | 193,359 | 146,730 | 46,629 |
| NOI at share | 1,053,089 | 881,791 | 171,298 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (39,172) | (39,161) | (11) |
| NOI at share - cash basis | \$1,013,917 | \$842,630 | \$171,287 |

| (Amounts in thousands) | For the Nine Months Ended September 30, 2017 | | |
|---|---|-------------|-----------|
| | Total | New York | Other |
| Total revenues | \$1,547,900 | \$1,316,710 | \$231,190 |
| Operating expenses | 661,585 | 561,249 | 100,336 |
| NOI - consolidated | 886,315 | 755,461 | 130,854 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (48,778) | (34,251) | (14,527) |
| Add: Our share of NOI from partially owned entities | 199,989 | 140,627 | 59,362 |
| NOI at share | 1,037,526 | 861,837 | 175,689 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (65,263) | (57,761) | (7,502) |
| NOI at share - cash basis | \$972,263 | \$804,076 | \$168,187 |

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Net Operating Income At Share by Segment for the Nine Months Ended September 30, 2018 and 2017 - continued

The elements of our New York and Other NOI at share for the nine months ended September 30, 2018 and 2017 are summarized below.

| (Amounts in thousands) | For the Nine Months | |
|----------------------------------|---------------------|-------------|
| | Ended September 30, | |
| | 2018 | 2017 |
| New York: | | |
| Office | \$556,169 | \$531,702 |
| Retail | 267,876 | 269,091 |
| Residential | 17,681 | 18,450 |
| Alexander's | 34,110 | 35,646 |
| Hotel Pennsylvania | 5,955 | 6,948 |
| Total New York | 881,791 | 861,837 |
| Other: | | |
| theMART | 79,948 | 78,090 |
| 555 California Street | 40,686 | 35,585 |
| Other investments ⁽¹⁾ | 50,664 | 62,014 |
| Total Other | 171,298 | 175,689 |
| NOI at share | \$1,053,089 | \$1,037,526 |

⁽¹⁾ The nine months ended September 30, 2018 and 2017 includes \$12,145 and \$15,203, respectively, from 666 Fifth Avenue Office Condominium (sold on August 3, 2018).

The elements of our New York and Other NOI at share - cash basis for the nine months ended September 30, 2018 and 2017 are summarized below.

| (Amounts in thousands) | For the Nine Months | |
|----------------------------------|---------------------|-----------|
| | Ended September 30, | |
| | 2018 | 2017 |
| New York: | | |
| Office | \$540,484 | \$503,052 |
| Retail | 243,704 | 240,998 |
| Residential | 16,420 | 16,301 |
| Alexander's | 35,911 | 36,679 |
| Hotel Pennsylvania | 6,111 | 7,046 |
| Total New York | 842,630 | 804,076 |
| Other: | | |
| theMART | 81,312 | 74,846 |
| 555 California Street | 39,704 | 33,365 |
| Other investments ⁽¹⁾ | 50,271 | 59,976 |
| Total Other | 171,287 | 168,187 |
| NOI at share - cash basis | \$1,013,917 | \$972,263 |

⁽¹⁾

The nine months ended September 30, 2018 and 2017 includes \$12,025 and \$15,494, respectively, from 666 Fifth Avenue Office Condominium (sold on August 3, 2018).

Reconciliation of Net Income to Net Operating Income At Share for the Nine Months Ended September 30, 2018 and 2017

Below is a reconciliation of net income to NOI at share and NOI at share - cash basis for the nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Nine Months Ended September 30, | |
|---|--|-----------|
| | 2018 | 2017 |
| Net income | \$324,782 | \$210,577 |
| Deduct: | | |
| Income from partially owned entities | (6,059) | (5,578) |
| Loss from real estate fund investments | 37,973 | 1,649 |
| Interest and other investment income, net | (9,401) | (22,567) |
| Net gains on disposition of wholly owned and partially owned assets | (164,828) | (501) |
| (Income) loss from discontinued operations | (381) | 14,501 |
| NOI attributable to noncontrolling interests in consolidated subsidiaries | (51,415) | (48,778) |
| Add: | | |
| Depreciation and amortization expense | 333,701 | 315,223 |
| General and administrative expense | 108,937 | 115,866 |
| Transaction related costs and other | 16,683 | 1,073 |
| Our share of NOI from partially owned entities | 193,359 | 199,989 |
| Interest and debt expense | 264,774 | 252,581 |
| Income tax expense | 4,964 | 3,491 |
| NOI at share | 1,053,089 | 1,037,526 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (39,172) | (65,263) |
| NOI at share - cash basis | \$1,013,917 | \$972,263 |

NOI At Share by Region

Below is a summary of the percentages of NOI at share by geographic region for the nine months ended September 30, 2018 and 2017.

| Region: | For the Nine Months Ended September 30, 2018 | | 2017 | |
|---------------------------------|---|---|------|---|
| | | % | | % |
| New York City metropolitan area | 88 | % | 88 | % |
| Chicago, IL | 8 | % | 8 | % |
| San Francisco, CA | 4 | % | 4 | % |
| | 100 | % | 100 | % |

Results of Operations – Nine Months Ended September 30, 2018 Compared to September 30, 2017

Revenues

Our revenues, which consist of property rentals, tenant expense reimbursements, and fee and other income, were \$1,620,303,000 for the nine months ended September 30, 2018, compared to \$1,547,900,000 for the prior year's nine months, an increase of \$72,403,000. Below are the details of the increase by segment:

| (Amounts in thousands) | Total | New York | Other |
|--------------------------------------|----------|-------------|-------------------------|
| Increase (decrease) due to: | | | |
| Property rentals: | | | |
| Acquisitions, dispositions and other | \$(226) | \$(226) | \$— |
| Development and redevelopment | (3,163) | (3,482) | 319 |
| Hotel Pennsylvania | 4,153 | 4,153 | — |
| Trade shows | 1,986 | — | 1,986 |
| Same store operations | 43,918 | 32,172 | 11,746 |
| | 46,668 | 32,617 | 14,051 |
| Tenant expense reimbursements: | | | |
| Acquisitions, dispositions and other | 29 | 29 | — |
| Development and redevelopment | 421 | 2 | 419 |
| Same store operations | 10,468 | 9,202 | 1,266 |
| | 10,918 | 9,233 | 1,685 |
| Fee and other income: | | | |
| BMS cleaning fees | 12,170 | 13,993 | (1,823) ⁽¹⁾ |
| Management and leasing fees | 2,823 | 2,791 | 32 |
| Lease termination fees | (4,442) | (5,007) | 565 |
| Other income | 4,266 | (855) | 5,121 |
| | 14,817 | 10,922 | 3,895 |
| Total increase in revenues | \$72,403 | \$52,772 | \$19,631 |

(1) Includes \$5,160 related to services provided to JBGS.

(2) Represents the change of the elimination of intercompany fees from the New York segment upon consolidation.

Results of Operations – Nine Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Expenses

Our expenses, which consist of operating, depreciation and amortization, general and administrative, expense from deferred compensation plan liability, and transaction related costs and other, were \$1,172,013,000 for the nine months ended September 30, 2018, compared to \$1,098,980,000 for the prior year's nine months, an increase of \$73,033,000. Below are the details of the increase by segment:

| (Amounts in thousands) | Total | New York | Other |
|--|-------------------------|----------|-------------------------|
| Increase (decrease) due to: | | | |
| Operating: | | | |
| Acquisitions, dispositions and other | \$823 | \$823 | \$— |
| Development and redevelopment | 212 | (1,109) | 1,321 |
| Non-reimbursable expenses, including bad debt reserves | 369 | 288 | 81 |
| Hotel Pennsylvania | 5,086 | 5,086 | — |
| Trade shows | 917 | — | 917 |
| BMS expenses | 9,711 | 11,535 | (1,824) ⁽²⁾ |
| Same store operations | 30,455 | 21,896 | 8,559 |
| | 47,573 | 38,519 | 9,054 |
| Depreciation and amortization: | | | |
| Acquisitions, dispositions and other | 314 | 314 | — |
| Development and redevelopment | 7,011 | 6,949 | 62 |
| Same store operations | 11,153 | 7,701 | 3,452 |
| | 18,478 | 14,964 | 3,514 |
| General and administrative | (6,929) ⁽³⁾ | (1,155) | (5,774) |
| Expense from deferred compensation plan liability | (1,699) | — | (1,699) |
| Transaction related costs and other | 15,610 | 13,103 | 2,507 ⁽⁴⁾ |
| Total increase in expenses | \$73,033 | \$65,431 | \$7,602 |

(1) This increase is primarily the result of services provided to JBGS.

(2) Represents the change of the elimination of intercompany fees from the New York segment upon consolidation.

(3) This decrease is primarily from higher capitalized leasing and development payroll in 2018.

(4) Potential additional New York City real property transfer tax ("Transfer Tax") related to the December 2012 acquisition of Independence Plaza.

Results of Operations – Nine Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Income from Partially Owned Entities

Below are the components of income from partially owned entities for the nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | Percentage Ownership at September 30, 2018 | For the Nine Months Ended September 30, | |
|--|--|---|-----------|
| | | 2018 | 2017 |
| Our share of net income (loss): | | | |
| Alexander's ⁽¹⁾ | 32.4% | \$ 10,593 | \$ 24,443 |
| UE ⁽²⁾ | 4.5% | 3,234 | 26,311 |
| PREIT ⁽³⁾ | 7.9% | (2,113) | (53,480) |
| Partially owned office buildings/land ⁽⁴⁾ | Various | (1,546) | 79 |
| Other investments ⁽⁵⁾ | Various | (4,109) | 8,225 |
| | | \$ 6,059 | \$ 5,578 |

2018 includes our \$7,708 share of Alexander's potential additional Transfer Tax, our \$3,162 share of higher interest expense due to an increase in average LIBOR and higher average mortgage balances due to a refinancing, our (1) \$1,802 share of expense related to the change in fair value of marketable securities held by Alexander's, our \$1,085 share of a non-cash straight-line rent write-off adjustment related to Sears which filed for Chapter 11 bankruptcy relief and our \$518 share of Alexander's litigation expense due to a settlement.

(2) 2017 includes a \$21,100 net gain resulting from UE operating partnership unit issuances.

(3) 2017 includes a \$44,465 non-cash impairment loss.

Includes interests in 280 Park Avenue, 650 Madison Avenue, One Park Avenue, 7 West 34th Street, 330 Madison Avenue, 512 West 22nd Street, 85 Tenth Avenue and others. 2018 includes our \$4,978 share of potential additional Transfer Tax related to the March 2011 acquisition of One Park Avenue.

Includes interests in Independence Plaza, Fashion Centre Mall/Washington Tower, Rosslyn Plaza, 50-70 West 93rd Street, 666 Fifth Avenue Office Condominium (sold on August 3, 2018) and others. In 2017, we recognized (5) \$26,687 of net gains comprised of \$15,314 representing our share of a net gain on the sale of Suffolk Downs and \$11,373 representing the net gain on repayment of our debt investments in Suffolk Downs JV.

Loss from Real Estate Fund Investments

Below are the components of the loss from our real estate fund investments for the nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Nine Months Ended September 30, | |
|---|---|-----------|
| | 2018 | 2017 |
| Net investment income | \$ 6,366 | \$ 16,888 |
| Net unrealized loss on held investments | (32,796) | (28,860) |
| Net realized (loss) gain on exited investments | (913) | 35,861 |
| Previously recorded unrealized gain on exited investment | — | (25,538) |
| Transfer Tax | (10,630) | — |
| Loss from real estate fund investments | (37,973) | (1,649) |
| Less loss (income) attributable to noncontrolling interests in consolidated subsidiaries | 34,338 | (9,684) |
| Loss from real estate fund investments attributable to the Operating Partnership (2018 includes \$4,252 of loss related to One Park Avenue potential additional transfer taxes and reduction in | (3,635) | (11,333) |

carried interest)

Less loss attributable to noncontrolling interests in the Operating Partnership

224 706

Loss from real estate fund investments attributable to Vornado

\$(3,411) \$(10,627)

75

Results of Operations – Nine Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Interest and Other Investment Income, net

Below are the components of interest and other investment income, net for the nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Nine | |
|--|---------------|----------|
| | Months Ended | |
| | September 30, | |
| | 2018 | 2017 |
| Decrease in fair value of marketable securities ⁽¹⁾ | \$(24,801) | \$— |
| Interest on cash and cash equivalents and restricted cash | 12,370 | 4,264 |
| Dividends on marketable securities | 10,060 | 9,923 |
| Interest on loans receivable ⁽²⁾ | 8,952 | 3,599 |
| Other, net | 2,820 | 4,781 |
| | \$9,401 | \$22,567 |

On January 1, 2018, we adopted ASU 2016-01, Recognition and Measurement of Financial Assets and Financial Liabilities, which requires changes in the fair value of our marketable securities to be recorded in current period earnings. Previously, changes in the fair value of marketable securities were recognized in “accumulated other comprehensive income” on our consolidated balance sheets.

(1) 2018 includes \$6,707 of profit participation in connection with an investment in a mezzanine loan which was previously repaid to us.

Interest and Debt Expense

Interest and debt expense was \$264,774,000 for the nine months ended September 30, 2018, compared to \$252,581,000 for the prior year’s nine months, an increase of \$12,193,000. This increase was primarily due to (i) \$17,611,000 of higher interest expense resulting from higher average interest rates on our variable rate loans, and (ii) \$8,719,000 of higher interest expense on our \$750,000,000 delayed draw term loan which was fully drawn in October 2017, partially offset by (iii) \$14,739,000 higher capitalized interest and debt expense.

Net Gains on Disposition of Wholly Owned and Partially Owned Assets

Net gains on disposition of wholly owned and partially owned assets for the nine months ended September 30, 2018 were \$164,828,000 compared to \$501,000 for the prior years' nine months, an increase of \$164,327,000. This increase was primarily due to a \$134,032,000 net gain on the sale of our 49.5% interests in 666 Fifth Avenue Office Condominium, \$23,559,000 net gain on sale of 27 Washington Square North and a \$7,308,000 net gain from the repayment of our interest on the mortgage loan on 666 Fifth Avenue Office Condominium.

Income Tax Expense

Income tax expense for the nine months ended September 30, 2018 was \$4,964,000 compared to \$3,491,000 for the prior year’s nine months, an increase of \$1,473,000. This increase is primarily due to higher New York City Unincorporated Business Tax.

Income (Loss) from Discontinued Operations

We have reclassified the revenues and expenses of our former Washington, DC segment which was spun off on July 17, 2017 and other related retail assets that were sold to “income (loss) from discontinued operations” and the related assets and liabilities to “assets related to discontinued operations” and “liabilities related to discontinued operations” for all

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periods presented in the accompanying financial statements. The table below sets forth the combined results of operations of assets related to discontinued operations for the nine months ended September 30, 2018 and 2017.

| (Amounts in thousands) | For the Nine | |
|---|---------------|-------------|
| | Months Ended | |
| | September 30, | |
| | 2018 | 2017 |
| Total revenues | \$867 | \$260,969 |
| Total expenses | 1,104 | 211,930 |
| | (237) | 49,039 |
| Additional net gains on sale of real estate | 618 | 3,797 |
| JBGS spin-off transaction costs | — | (67,045) |
| Income from partially-owned entities | — | 435 |
| Pretax income (loss) from discontinued operations | 381 | (13,774) |
| Income tax expense | — | (727) |
| Income (loss) from discontinued operations | \$381 | \$(14,501) |

Results of Operations – Nine Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Net Loss (Income) Attributable to Noncontrolling Interests in Consolidated Subsidiaries

Net loss attributable to noncontrolling interests in consolidated subsidiaries was \$31,137,000 for the nine months ended September 30, 2018, compared to income of \$18,436,000 for the prior year's quarter, a decrease in income of \$49,573,000. This decrease resulted primarily from the allocation of net loss to the noncontrolling interests of our real estate fund investments.

Net Income Attributable to Noncontrolling Interests in the Operating Partnership (Vornado Realty Trust)

Net income attributable to noncontrolling interests in the Operating Partnership was \$18,992,000 for the nine months ended September 30, 2018, compared to \$9,057,000 for the prior year's nine months, an increase of \$9,935,000. The increase resulted primarily from higher net income subject to allocation to Class A unitholders.

Preferred Share Dividends of Vornado Realty Trust

Preferred share dividends were \$38,103,000 for the nine months ended September 30, 2018, compared to \$48,386,000 for the prior year's nine months, a decrease of \$10,283,000. The decrease is comprised of \$22,863,000 of savings from the redemption of all of the outstanding 6.625% Series G and Series I cumulative redeemable preferred shares in January 2018, partially offset by a \$12,580,000 increase due to the issuance of 5.25% Series M cumulative redeemable preferred shares in December 2017.

Preferred Unit Distributions of Vornado Realty L.P.

Preferred unit distributions were \$38,248,000 for the nine months ended September 30, 2018, compared to \$48,531,000 for the prior year's nine months, a decrease of \$10,283,000. The decrease is comprised of \$22,863,000 of savings from the redemption of all the outstanding 6.625% Series G and Series I cumulative redeemable preferred units in January 2018, partially offset by a \$12,580,000 increase due to the issuance of 5.25% Series M cumulative redeemable preferred units in December 2017.

Preferred Share/Unit Issuance Costs

Preferred share/unit issuance costs for the nine months ended September 30, 2018 were \$14,486,000 representing the write-off of issuance costs upon the redemption of all the outstanding 6.625% Series G and Series I cumulative redeemable preferred shares/units in January 2018.

Results of Operations – Nine Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Same Store Net Operating Income At Share

Below are reconciliations of NOI at share to same store NOI at share for our New York segment, theMART, 555 California Street and other investments for the nine months ended September 30, 2018 compared to September 30, 2017.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other | |
|---|-------------|-----------|----------------------|-----------------------------|-----------|---|
| NOI at share for the nine months ended September 30, 2018 | \$1,053,089 | \$881,791 | \$79,948 | \$40,686 | \$50,664 | |
| Less NOI at share from: | | | | | | |
| Acquisitions | (1,198) | (1,049) | (149) | — | — | |
| Dispositions | (370) | (370) | — | — | — | |
| Development properties | (25,854) | (25,840) | — | (14) | — | |
| Lease termination income, net of write-offs of straight-line receivables and acquired below-market leases, net | 2,396 | 2,657 | (261) | — | — | |
| Other non-operating income, net | (52,319) | (1,655) | — | — | (50,664) | |
| Same store NOI at share for the nine months ended September 30, 2018 | \$975,744 | \$855,534 | \$79,538 | \$40,672 | \$— | |
| NOI at share for the nine months ended September 30, 2017 | \$1,037,526 | \$861,837 | \$78,090 | \$35,585 | \$62,014 | |
| Less NOI at share from: | | | | | | |
| Acquisitions | 36 | (164) | 200 | — | — | |
| Dispositions | (1,509) | (1,509) | — | — | — | |
| Development properties | (24,518) | (24,518) | — | — | — | |
| Lease termination income, net of write-offs of straight-line receivables and acquired below-market leases, net | (1,993) | (1,973) | (20) | — | — | |
| Other non-operating income, net | (64,715) | (2,701) | — | — | (62,014) | |
| Same store NOI at share for the nine months ended September 30, 2017 | \$944,827 | \$830,972 | \$78,270 | \$35,585 | \$— | |
| Increase in same store NOI at share for the nine months ended September 30, 2018 compared to September 30, 2017 | \$30,917 | \$24,562 | \$1,268 | \$5,087 | \$— | |
| % increase in same store NOI at share | 3.3 | % 3.0 | % ⁽¹⁾ 1.6 | % 14.3 | % — | % |

(1)Excluding Hotel Pennsylvania, same store NOI at share increased by 3.1%.

Results of Operations – Nine Months Ended September 30, 2018 Compared to September 30, 2017 - continued

Same Store Net Operating Income At Share - continued

Below are reconciliations of NOI at share - cash basis to same store NOI at share - cash basis for our New York segment, theMART, 555 California Street and other investments for the nine months ended September 30, 2018 compared to September 30, 2017.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other |
|--|-------------|-----------|----------------------|-----------------------------|-----------|
| NOI at share - cash basis for the nine months ended September 30, 2018 | \$1,013,917 | \$842,630 | \$81,312 | \$39,704 | \$50,271 |
| Less NOI at share - cash basis from: | | | | | |
| Acquisitions | (899) | (750) | (149) | — | — |
| Dispositions | (306) | (306) | — | — | — |
| Development properties | (27,636) | (27,622) | — | (14) | — |
| Lease termination income | (1,541) | (1,119) | (422) | — | — |
| Other non-operating income, net | (51,925) | (1,654) | — | — | (50,271) |
| Same store NOI at share - cash basis for the nine months ended September 30, 2018 | \$931,610 | \$811,179 | \$80,741 | \$39,690 | \$— |
| NOI at share - cash basis for the nine months ended September 30, 2017 | \$972,263 | \$804,076 | \$74,846 | \$33,365 | \$59,976 |
| Less NOI at share - cash basis from: | | | | | |
| Acquisitions | 137 | (63) | 200 | — | — |
| Dispositions | (1,154) | (1,154) | — | — | — |
| Development properties | (24,534) | (24,534) | — | — | — |
| Lease termination income | (3,564) | (3,533) | (31) | — | — |
| Other non-operating income, net | (63,394) | (3,418) | — | — | (59,976) |
| Same store NOI at share - cash basis for the nine months ended September 30, 2017 | \$879,754 | \$771,374 | \$75,015 | \$33,365 | \$— |
| Increase in same store NOI at share - cash basis for the nine months ended September 30, 2018 compared to September 30, 2017 | \$51,856 | \$39,805 | \$5,726 | \$6,325 | \$— |
| % increase in same store NOI at share - cash basis | 5.9 | % 5.2 | % ⁽¹⁾ 7.6 | % 19.0 | % — |

(1) Excluding Hotel Pennsylvania, same store NOI at share - cash basis increased by 5.3%.

SUPPLEMENTAL INFORMATION

Net Operating Income At Share by Segment for the Three Months Ended September 30, 2018 and June 30, 2018

NOI represents total revenues less operating expenses. We consider NOI to be the primary non-GAAP financial measure for making decisions and assessing the unlevered performance of our segments as it relates to the total return on assets as opposed to the levered return on equity. As properties are bought and sold based on NOI, we utilize this measure to make investment decisions as well as to compare the performance of our assets to that of our peers. NOI should not be considered a substitute for net income. NOI may not be comparable to similarly titled measures employed by other companies.

Below is a summary of NOI at share and NOI at share - cash basis by segment for the three months ended September 30, 2018 and June 30, 2018.

| (Amounts in thousands) | For the Three Months Ended September 30, 2018 | | |
|---|--|-----------|----------|
| | Total | New York | Other |
| Total revenues | \$542,048 | \$462,446 | \$79,602 |
| Operating expenses | 235,575 | 200,949 | 34,626 |
| NOI - consolidated | 306,473 | 261,497 | 44,976 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (16,943) | (11,348) | (5,595) |
| Add: Our share of NOI from partially owned entities | 60,094 | 47,179 | 12,915 |
| NOI at share | 349,624 | 297,328 | 52,296 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (8,743) | (9,125) | 382 |
| NOI at share - cash basis | \$340,881 | \$288,203 | \$52,678 |

| (Amounts in thousands) | For the Three Months Ended June 30, 2018 | | |
|---|---|-----------|----------|
| | Total | New York | Other |
| Total revenues | \$541,818 | \$458,552 | \$83,266 |
| Operating expenses | 235,981 | 200,903 | 35,078 |
| NOI - consolidated | 305,837 | 257,649 | 48,188 |
| Deduct: NOI attributable to noncontrolling interests in consolidated subsidiaries | (17,160) | (11,560) | (5,600) |
| Add: Our share of NOI from partially owned entities | 65,752 | 49,778 | 15,974 |
| NOI at share | 354,429 | 295,867 | 58,562 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (12,481) | (12,713) | 232 |
| NOI at share - cash basis | \$341,948 | \$283,154 | \$58,794 |

SUPPLEMENTAL INFORMATION - CONTINUED

Net Operating Income At Share by Segment for the Three Months Ended September 30, 2018 and June 30, 2018 - continued

The elements of our New York and Other NOI at share for the three months ended September 30, 2018 and June 30, 2018 are summarized below.

| (Amounts in thousands) | For the Three Months Ended | |
|----------------------------------|-------------------------------|------------------|
| | September 30, 2018 | June 30, 2018 |
| New York: | | |
| Office | \$ 184,146 | \$ 184,867 |
| Retail | 92,858 | 87,109 |
| Residential | 5,202 | 6,338 |
| Alexander's | 10,626 | 11,909 |
| Hotel Pennsylvania | 4,496 | 5,644 |
| Total New York | 297,328 | 295,867 |
| Other: | | |
| theMART | 25,257 | 27,816 |
| 555 California Street | 13,515 | 13,660 |
| Other investments ⁽¹⁾ | 13,524 | 17,086 |
| Total Other | 52,296 | 58,562 |
| NOI at share | \$ 349,624 | \$ 354,429 |

(1) The three months ended September 30, 2018 and June 30, 2018 includes \$1,737 and \$5,135, respectively, from 666 Fifth Avenue Office Condominium (sold on August 3, 2018).

The elements of our New York and Other NOI at share - cash basis for the three months ended September 30, 2018 and June 30, 2018 are summarized below.

| (Amounts in thousands) | For the Three Months Ended | |
|----------------------------------|-------------------------------|------------------|
| | September 30, 2018 | June 30, 2018 |
| New York: | | |
| Office | \$ 181,575 | \$ 180,710 |
| Retail | 84,976 | 79,139 |
| Residential | 5,358 | 5,463 |
| Alexander's | 11,774 | 12,098 |
| Hotel Pennsylvania | 4,520 | 5,744 |
| Total New York | 288,203 | 283,154 |
| Other: | | |
| theMART | 26,234 | 27,999 |
| 555 California Street | 13,070 | 13,808 |
| Other investments ⁽¹⁾ | 13,374 | 16,987 |
| Total Other | 52,678 | 58,794 |

NOI at share - cash basis \$340,881 \$341,948

(1) The three months ended September 30, 2018 and June 30, 2018 includes \$1,704 and \$5,141, respectively, from 666 Fifth Avenue Office Condominium (sold on August 3, 2018).

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SUPPLEMENTAL INFORMATION - CONTINUED

Reconciliation of Net Income to Net Operating Income At Share for the Three Months Ended September 30, 2018 and June 30, 2018

| (Amounts in thousands) | For the Three Months Ended | |
|---|----------------------------|---------------|
| | September 30, 2018 | June 30, 2018 |
| Net income | \$219,162 | \$105,338 |
| Deduct: | | |
| Income from partially owned entities | (7,206) | (8,757) |
| Loss from real estate fund investments | 190 | 28,976 |
| Interest and other investment income, net | (2,893) | (30,892) |
| Net gains on disposition of wholly owned and partially owned assets | (141,269) | (23,559) |
| Income from discontinued operations | (61) | (683) |
| NOI attributable to noncontrolling interests in consolidated subsidiaries | (16,943) | (17,160) |
| Add: | | |
| Depreciation and amortization expense | 113,169 | 111,846 |
| General and administrative expense | 31,977 | 34,427 |
| Transaction related costs and other | 2,510 | 1,017 |
| Our share of NOI from partially owned entities | 60,094 | 65,752 |
| Interest and debt expense | 88,951 | 87,657 |
| Income tax expense | 1,943 | 467 |
| NOI at share | 349,624 | 354,429 |
| Non-cash adjustments for straight-line rents, amortization of acquired below-market leases, net and other | (8,743) | (12,481) |
| NOI at share - cash basis | \$340,881 | \$341,948 |

SUPPLEMENTAL INFORMATION - CONTINUED

Three Months Ended September 30, 2018 Compared to June 30, 2018

Same Store Net Operating Income At Share

Below are reconciliations of NOI at share to same store NOI at share for our New York segment, theMART, 555 California Street and other investments for the three months ended September 30, 2018 compared to June 30, 2018.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other |
|--|------------|----------------------|------------------------|-----------------------------|-----------|
| NOI at share for the three months ended September 30, 2018 | \$349,624 | \$297,328 | \$25,257 | \$13,515 | \$13,524 |
| Less NOI at share from: | | | | | |
| Acquisitions | (63) | (63) | — | — | — |
| Dispositions | — | — | — | — | — |
| Development properties | (12,655) | (12,641) | — | (14) | — |
| Lease termination income, net of write-offs of straight-line receivables and acquired below-market leases, net | 1,582 | 1,800 | (218) | — | — |
| Other non-operating income, net | (14,103) | (579) | — | — | (13,524) |
| Same store NOI at share for the three months ended September 30, 2018 | \$324,385 | \$285,845 | \$25,039 | \$13,501 | \$— |
| NOI at share for the three months ended June 30, 2018 | \$354,429 | \$295,867 | \$27,816 | \$13,660 | \$17,086 |
| Less NOI at share from: | | | | | |
| Acquisitions | (3) | (3) | — | — | — |
| Dispositions | (309) | (309) | — | — | — |
| Development properties | (12,795) | (12,795) | — | — | — |
| Lease termination income, net of write-offs of straight-line receivables and acquired below-market leases, net | 1,941 | 1,984 | (43) | — | — |
| Other non-operating income, net | (17,583) | (497) | — | — | (17,086) |
| Same store NOI at share for the three months ended June 30, 2018 | \$325,680 | \$284,247 | \$27,773 | \$13,660 | \$— |
| (Decrease) increase in same store NOI at share for the three months ended September 30, 2018 compared to June 30, 2018 | \$(1,295) | \$1,598 | \$(2,734) | \$(159) | \$— |
| % (decrease) increase in same store NOI at share | (0.4)% | 0.6 % ⁽¹⁾ | (9.8)% ⁽²⁾ | (1.2)% | — % |

(1)Excluding Hotel Pennsylvania, same store NOI at share increased by 1.0%.

(2)Excluding tradeshows which are seasonal, same store NOI at share decreased by 4.4%.

SUPPLEMENTAL INFORMATION - CONTINUED

Three Months Ended September 30, 2018 Compared to June 30, 2018 - continued

Same Store Net Operating Income At Share - continued

Below are reconciliations of NOI at share - cash basis to same store NOI at share - cash basis for our New York segment, theMART, 555 California Street and other investments for the three months ended September 30, 2018 compared to June 30, 2018.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other |
|---|-----------|-----------|-------------|-----------------------------|-----------|
| NOI at share - cash basis for the three months ended September 30, 2018 | \$340,881 | \$288,203 | \$26,234 | \$13,070 | \$13,374 |
| Less NOI at share - cash basis from: | | | | | |
| Acquisitions | (63) | (63) | — | — | — |
| Dispositions | — | — | — | — | — |
| Development properties | (13,433) | (13,419) | — | (14) | — |
| Lease termination income | (318) | (58) | (260) | — | — |
| Other non-operating income, net | (13,953) | (579) | — | — | (13,374) |
| Same store NOI at share - cash basis for the three months ended September 30, 2018 | \$313,114 | \$274,084 | \$25,974 | \$13,056 | \$— |
| NOI at share - cash basis for the three months ended June 30, 2018 | \$341,948 | \$283,154 | \$27,999 | \$13,808 | \$16,987 |
| Less NOI at share - cash basis from: | | | | | |
| Acquisitions | (3) | (3) | — | — | — |
| Dispositions | (241) | (241) | — | — | — |
| Development properties | (13,688) | (13,688) | — | — | — |
| Lease termination income | (162) | — | (162) | — | — |
| Other non-operating income, net | (17,481) | (494) | — | — | (16,987) |
| Same store NOI at share - cash basis for the three months ended June 30, 2018 | \$310,373 | \$268,728 | \$27,837 | \$13,808 | \$— |
| Increase (decrease) in same store NOI at share - cash basis for the three months ended September 30, 2018 compared to June 30, 2018 | \$2,741 | \$5,356 | \$(1,863) | \$(752) | \$— |
| % increase (decrease) in same store NOI at share - cash basis | 0.9 | % 2.0 | %(1) (6.7) | %(2) (5.4) | % — |

(1) Excluding Hotel Pennsylvania, same store NOI at share - cash basis increased by 2.5%.

(2) Excluding tradeshows which are seasonal, same store NOI at share - cash basis decreased by 0.3%.

Liquidity and Capital Resources

Property rental income is our primary source of cash flow and is dependent upon the occupancy and rental rates of our properties. Our cash requirements include property operating expenses, capital improvements, tenant improvements, debt service, leasing commissions, dividends to shareholders and distributions to unitholders of the Operating Partnership, as well as acquisition and development costs. Other sources of liquidity to fund cash requirements include proceeds from debt financings, including mortgage loans, senior unsecured borrowings, unsecured term loans and unsecured revolving credit facilities; proceeds from the issuance of common and preferred equity; and asset sales.

We anticipate that cash flow from continuing operations over the next twelve months will be adequate to fund our business operations, cash distributions to unitholders of the Operating Partnership, cash dividends to shareholders, debt amortization and recurring capital expenditures. Capital requirements for development expenditures and acquisitions may require funding from borrowings and/or equity offerings.

We expect to generate approximately \$1 billion of after tax cash flow and net income resulting from the sales of 100% of the residential condominium units at 220 Central Park South. As of September 30, 2018, approximately 83% of the condominium units are under sales contracts, with closings scheduled through 2020.

We may from time to time purchase or retire outstanding debt securities or redeem our equity securities. Such purchases, if any, will depend on prevailing market conditions, liquidity requirements and other factors. The amounts involved in connection with these transactions could be material to our consolidated financial statements.

Cash Flows for the Nine Months Ended September 30, 2018 and 2017

Our cash flow activities for the nine months ended September 30, 2018 and 2017 are summarized as follows:

| (Amounts in thousands) | For the Nine Months | | Decrease in Cash Flow |
|---|-----------------------------|------------|-----------------------------|
| | Ended September 30, 2018 | 2017 | |
| Net cash provided by operating activities | \$488,038 | \$661,625 | \$(173,587) |
| Net cash used in investing activities | (652,306) | (54,295) | (598,011) |
| Net cash used in financing activities | (830,734) | (820,878) | (9,856) |

Cash and cash equivalents and restricted cash was \$919,810,000 at September 30, 2018, a \$995,002,000 decrease from the balance at December 31, 2017.

Net cash provided by operating activities of \$488,038,000 for the nine months ended September 30, 2018 was comprised of \$634,912,000 of cash from operations, including distributions of income from partially owned entities of \$61,782,000 and return of capital from real estate fund investments of \$20,291,000, and a net decrease of \$146,874,000 in cash due to the timing of cash receipts and payments related to changes in operating assets and liabilities.

The following table details the cash used in investing activities for the nine months ended September 30, 2018 and 2017:

| (Amounts in thousands) | For the Nine Months | | Increase (Decrease) in Cash Flow |
|--|-----------------------------|------------|---|
| | Ended September 30, 2018 | 2017 | |
| Acquisitions of real estate and other | \$(500,225) | \$(11,841) | \$(488,384) |
| Development costs and construction in progress | (274,147) | (274,716) | 569 |

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| | | | |
|--|-------------|------------|-------------|
| Proceeds from sales of real estate and related investments | 219,731 | 9,543 | 210,188 |
| Additions to real estate | (163,546) | (207,759) | 44,213 |
| Distributions of capital from partially owned entities | 98,609 | 347,776 | (249,167) |
| Investments in partially owned entities | (32,728) | (33,578) | 850 |
| Repayment of JBGS loan receivable | — | 115,630 | (115,630) |
| Proceeds from repayments of mortgage loans receivable | — | 650 | (650) |
| Net cash used in investing activities | \$(652,306) | \$(54,295) | \$(598,011) |

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Liquidity and Capital Resources - continued

Cash Flows for the Nine Months Ended September 30, 2018 and 2017 - continued

The following table details the cash used in financing activities for the nine months ended September 30, 2018 and 2017:

| (Amounts in thousands) | For the Nine Months Ended September 30, | | Increase (Decrease) in Cash Flow |
|---|--|-------------|---|
| | 2018 | 2017 | |
| Redemption of preferred shares/units | \$(470,000) | \$— | \$(470,000) |
| Dividends paid on common shares/Distributions to Vornado | (359,456) | (382,552) | 23,096 |
| Proceeds from borrowings | 312,763 | 229,042 | 83,721 |
| Repayments of borrowings | (264,482) | (177,109) | (87,373) |
| Distributions to redeemable security holders and noncontrolling interests in consolidated subsidiaries | (63,110) | (48,329) | (14,781) |
| Contributions from noncontrolling interests in consolidated subsidiaries | 59,924 | 1,044 | 58,880 |
| Dividends paid on preferred shares/Distributions to preferred unitholders | (42,582) | (48,386) | 5,804 |
| Debt issuance costs | (7,451) | (2,944) | (4,507) |
| Proceeds received from exercise of Vornado stock options and other | 5,262 | 25,011 | (19,749) |
| Debt prepayment and extinguishment costs | (818) | — | (818) |
| Repurchase of shares/Class A units related to stock compensation agreements and related tax withholdings and other | (784) | (418) | (366) |
| Cash and cash equivalents and restricted cash included in the spin-off of JBGS (\$275,000 plus The Bartlett financing proceeds less transaction costs and other mortgage items) | — | (416,237) | 416,237 |
| Net cash used in financing activities | \$(830,734) | \$(820,878) | \$(9,856) |

Capital Expenditures for the Nine Months Ended September 30, 2018

Capital expenditures consist of expenditures to maintain assets, tenant improvement allowances and leasing commissions. Recurring capital expenditures include expenditures to maintain a property's competitive position within the market and tenant improvements and leasing commissions necessary to re-lease expiring leases or renew or extend existing leases. Non-recurring capital improvements include expenditures to lease space that has been vacant for more than nine months and expenditures completed in the year of acquisition and the following two years that were planned at the time of acquisition, as well as tenant improvements and leasing commissions for space that was vacant at the time of acquisition of a property.

Below is a summary of amounts paid for capital expenditures and leasing commissions for the nine months ended September 30, 2018.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street |
|---|----------|-------------|-----------|-----------------------------|
| Expenditures to maintain assets | \$66,167 | \$48,227 | \$ 10,232 | \$ 7,708 |
| Tenant improvements | 67,972 | 49,423 | 10,855 | 7,694 |
| Leasing commissions | 27,389 | 24,683 | 413 | 2,293 |
| Recurring tenant improvements, leasing commissions and other capital expenditures | 161,528 | 122,333 | 21,500 | 17,695 |
| Non-recurring capital expenditures | 28,882 | 20,579 | 82 | 8,221 |

| | | | | |
|--|-----------|-----------|----------|----------|
| Total capital expenditures and leasing commissions | \$190,410 | \$142,912 | \$21,582 | \$25,916 |
|--|-----------|-----------|----------|----------|

Liquidity and Capital Resources - continued

Development and Redevelopment Expenditures for the Nine Months Ended September 30, 2018

Development and redevelopment expenditures consist of all hard and soft costs associated with the development or redevelopment of a property, including capitalized interest, debt and operating costs until the property is substantially completed and ready for its intended use. Our development project estimates below include initial leasing costs, which are reflected as non-recurring capital expenditures in the table on page 86.

We are constructing a residential condominium tower containing 397,000 salable square feet at 220 Central Park South. The development cost of this project (exclusive of land cost of \$515.4 million) is estimated to be approximately \$1.4 billion, of which \$1.1 billion has been expended as of September 30, 2018.

We are developing a 173,000 square foot Class A office building, located along the western edge of the High Line at 512 West 22nd Street in the West Chelsea submarket of Manhattan (55.0% interest). The development cost of this project is estimated to be approximately \$130,000,000, of which our share is \$71,500,000. As of September 30, 2018, \$91,027,000 has been expended, of which our share is \$50,065,000.

We are developing a 170,000 square foot office and retail building at 61 Ninth Avenue, located on the southwest corner of Ninth Avenue and 15th Street in the West Chelsea submarket of Manhattan (45.1% interest). The development cost of this project is estimated to be approximately \$152,000,000, of which our share is \$69,000,000. As of September 30, 2018, \$128,537,000 has been expended, of which our share is \$57,970,000.

We are developing a 34,000 square foot office and retail building at 606 Broadway, located on the northeast corner of Broadway and Houston Street in Manhattan (50.0% interest). The development cost of this project is estimated to be approximately \$60,000,000, of which our share is \$30,000,000. As of September 30, 2018, \$46,614,000 has been expended, of which our share is \$23,307,000.

A joint venture with the Related Companies (“Related”) in which we have a 50.1% ownership interest is redeveloping the historic Farley Post Office building which will include a new Moynihan Train Hall and approximately 850,000 rentable square feet of commercial space, comprised of approximately 730,000 square feet of office space and approximately 120,000 square feet of retail space. As of September 30, 2018, \$339,427,000 has been expended, of which our share is \$170,053,000. The joint venture has also entered into a development agreement with Empire State Development (“ESD”) and a design-build contract with Skanska Moynihan Train Hall Builders. Under the development agreement with ESD, the joint venture is obligated to build the Moynihan Train Hall, with Vornado and Related each guaranteeing the joint venture’s obligations. Under the design-build agreement, Skanska Moynihan Train Hall Builders is obligated to fulfill all of the joint venture’s obligations. The obligations of Skanska Moynihan Train Hall Builders have been bonded by Skanska USA and bear a full guaranty from Skanska AB.

We are redeveloping a 64,000 square foot Class A office building at 345 Montgomery Street, a part of our 555 California Street complex in San Francisco (70.0% interest) located at the corner of California and Pine Street. The development cost of this project is estimated to be approximately \$46,000,000, of which our share is \$32,000,000. As of September 30, 2018, \$13,604,000 has been expended, of which our share is \$9,523,000.

We are redeveloping a 165,000 square foot office building at 825 Seventh Avenue, located at the corner of 53rd Street and Seventh Avenue (50.0% interest). The redevelopment cost of this project is estimated to be approximately \$30,000,000, of which our share is \$15,000,000. As of September 30, 2018, \$6,172,000 has been expended, of which our share is \$3,086,000.

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We are redeveloping One Penn Plaza, a 2,535,000 square foot office building located on 34th Street between Seventh and Eighth Avenue. The development cost of this project is estimated to be approximately \$200,000,000, of which \$6,253,000 has been expended as of September 30, 2018.

We are also evaluating other development and redevelopment opportunities at certain of our properties in Manhattan, including, in particular, the Penn Plaza District.

There can be no assurance that any of our development or redevelopment projects will commence, or if commenced, be completed, or completed on schedule or within budget.

Liquidity and Capital Resources - continued

Development and Redevelopment Expenditures for the Nine Months Ended September 30, 2018 - continued

Below is a summary of amounts paid for development and redevelopment expenditures for the nine months ended September 30, 2018. These expenditures include interest and debt expense of \$49,718,000, payroll of \$7,996,000 and other soft costs (primarily architectural and engineering fees, permits, real estate taxes and professional fees) aggregating \$32,969,000, which were capitalized in connection with the development and redevelopment of these projects.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other |
|---|-----------|-------------|----------|-----------------------------|-----------|
| 220 Central Park South | \$204,727 | \$— | \$ — | \$ — | \$204,727 |
| 606 Broadway | 13,141 | 13,141 | — | — | — |
| 345 Montgomery Street | 10,497 | — | — | 10,497 | — |
| 1535 Broadway (Marriott Marquis - retail and signage) | 7,558 | 7,558 | — | — | — |
| One Penn Plaza - renovation | 3,901 | 3,901 | — | — | — |
| Penn Plaza | 3,561 | 3,561 | — | — | — |
| Other | 30,762 | 19,671 | 8,421 | 430 | 2,240 |
| | \$274,147 | \$47,832 | \$ 8,421 | \$ 10,927 | \$206,967 |

Liquidity and Capital Resources - continued

Capital Expenditures for the Nine Months Ended September 30, 2017

Below is a summary of amounts paid for capital expenditures and leasing commissions for the nine months ended September 30, 2017.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other |
|---|-----------|-------------|-----------|-----------------------------|-------------------------|
| Expenditures to maintain assets | \$89,423 | \$66,992 | \$ 7,460 | \$ 5,370 | \$9,601 |
| Tenant improvements | 98,573 | 54,079 | 7,653 | 20,250 | 16,591 |
| Leasing commissions | 26,365 | 16,227 | 1,507 | 1,329 | 7,302 |
| Recurring tenant improvements, leasing commissions and other capital expenditures | 214,361 | 137,298 | 16,620 | 26,949 | 33,494 |
| Non-recurring capital expenditures | 20,026 | 17,369 | — | 2,429 | 228 |
| Total capital expenditures and leasing commissions | \$234,387 | \$154,667 | \$ 16,620 | \$ 29,378 | \$33,722 ⁽¹⁾ |

(1) Effective July 17, 2017, the date of the spin-off of our Washington, DC segment, capital expenditures and leasing commissions of our former Washington, DC segment have been reclassified to the Other segment.

Development and Redevelopment Expenditures for the Nine Months Ended September 30, 2017

Below is a summary of amounts paid for development and redevelopment expenditures for the nine months ended September 30, 2017. These expenditures include interest and debt expense of \$34,979,000, payroll of \$4,334,000, and other soft costs (primarily architectural and engineering fees, permits, real estate taxes and professional fees) aggregating \$20,906,000, which were capitalized in connection with the development and redevelopment of these projects.

| (Amounts in thousands) | Total | New York | theMART | 555 California Street | Other |
|------------------------|-----------|-------------|----------|-----------------------------|-----------------------|
| 220 Central Park South | \$196,063 | \$— | \$ — | \$ — | \$196,063 |
| 606 Broadway | 11,796 | 11,796 | — | — | — |
| 90 Park Avenue | 6,831 | 6,831 | — | — | — |
| Penn Plaza | 6,303 | 6,303 | — | — | — |
| 345 Montgomery Street | 4,053 | — | — | 4,053 | — |
| 304 Canal Street | 3,627 | 3,627 | — | — | — |
| Other | 46,043 | 5,709 | 6,672 | 5,550 | 28,112 ⁽¹⁾ |
| | \$274,716 | \$34,266 | \$ 6,672 | \$ 9,603 | \$224,175 |

(1) Effective July 17, 2017, the date of the spin-off of our Washington, DC segment, capital expenditures and leasing commissions of our former Washington, DC segment have been reclassified to the Other segment.

Liquidity and Capital Resources - continued

Other Commitments and Contingencies

We are from time to time involved in legal actions arising in the ordinary course of business. In our opinion, after consultation with legal counsel, the outcome of such matters is not currently expected to have a material adverse effect on our financial position, results of operations or cash flows.

Each of our properties has been subjected to varying degrees of environmental assessment at various times. The environmental assessments did not reveal any material environmental contamination. However, there can be no assurance that the identification of new areas of contamination, changes in the extent or known scope of contamination, the discovery of additional sites or changes in cleanup requirements would not result in significant cost to us.

Generally, our mortgage loans are non-recourse to us. However, in certain cases we have provided guarantees or master leased tenant space. These guarantees and master leases terminate either upon the satisfaction of specified circumstances or repayment of the underlying loans. As of September 30, 2018, the aggregate dollar amount of these guarantees and master leases is approximately \$620,000,000.

As of September 30, 2018, \$13,337,000 of letters of credit was outstanding under one of our unsecured revolving credit facilities. Our unsecured revolving credit facilities contain financial covenants that require us to maintain minimum interest rate coverage and maximum debt to market capitalization ratios, and provide for higher interest rates in the event of a decline in our ratings below Baa3/BBB. Our unsecured revolving credit facilities also contain customary conditions precedent to borrowing, including representations and warranties, and also contain customary events of default that could give rise to accelerated repayment, including such items as failure to pay interest or principal.

In September 2016, our 50.1% joint venture with Related was designated by ESD, an entity of New York State, to redevelop the historic Farley Post Office Building. The joint venture entered into a development agreement with ESD and a design-build contract with Skanska Moynihan Train Hall Builders. Under the development agreement with ESD, the joint venture is obligated to build the Moynihan Train Hall, with Vornado and Related each guaranteeing the joint venture's obligations. Under the design-build agreement, Skanska Moynihan Train Hall Builders is obligated to fulfill all of the joint venture's obligations. The obligations of Skanska Moynihan Train Hall Builders have been bonded by Skanska USA and bear a full guaranty from Skanska AB.

As of September 30, 2018, we expect to fund additional capital to certain of our partially owned entities aggregating approximately \$19,000,000.

As of September 30, 2018, we have construction commitments aggregating approximately \$295,000,000.

Funds From Operations (“FFO”)

Vornado Realty Trust

FFO is computed in accordance with the definition adopted by the Board of Governors of the National Association of Real Estate Investment Trusts (“NAREIT”). NAREIT defines FFO as GAAP net income or loss adjusted to exclude net gains from sales of depreciated real estate assets, real estate impairment losses, depreciation and amortization expense from real estate assets and other specified non-cash items, including the pro rata share of such adjustments of unconsolidated subsidiaries. FFO and FFO per diluted share are non-GAAP financial measures used by management, investors and analysts to facilitate meaningful comparisons of operating performance between periods and among our peers because it excludes the effect of real estate depreciation and amortization and net gains on sales, which are based on historical costs and implicitly assume that the value of real estate diminishes predictably over time, rather than fluctuating based on existing market conditions. FFO does not represent cash generated from operating activities and is not necessarily indicative of cash available to fund cash requirements and should not be considered as an alternative to net income as a performance measure or cash flow as a liquidity measure. FFO may not be comparable to similarly titled measures employed by other companies. The calculations of both the numerator and denominator used in the computation of income per share are disclosed in Note 21 – Income (Loss) Per Share/Income (Loss) Per Class A Unit, in our consolidated financial statements on page 42 of this Quarterly Report on Form 10-Q.

FFO attributable to common shareholders plus assumed conversions was \$182,516,000, or \$0.95 per diluted share for the three months ended September 30, 2018, compared to \$100,178,000, or \$0.52 per diluted share, for the prior year’s three months. FFO attributable to common shareholders plus assumed conversions was \$494,941,000, or \$2.59 per diluted share for the nine months ended September 30, 2018, compared to \$564,431,000, or \$2.95 per diluted share, for the prior year’s nine months. Details of certain adjustments to FFO are discussed in the financial results summary of our “Overview”.

| (Amounts in thousands, except per share amounts) | For the Three Months Ended September 30, 2018 | | For the Nine Months Ended September 30, 2018 | |
|--|--|-------------|---|-----------|
| | 2018 | 2017 | 2018 | 2017 |
| Reconciliation of our net income (loss) attributable to common shareholders to FFO attributable to common shareholders plus assumed conversions: | | | | |
| Net income (loss) attributable to common shareholders | \$ 190,645 | \$(29,026) | \$284,338 | \$134,698 |
| Per diluted share | \$1.00 | \$(0.15) | \$1.49 | \$0.71 |
| FFO adjustments: | | | | |
| Depreciation and amortization of real property | \$105,015 | \$102,953 | \$309,024 | \$361,949 |
| Net gains on sale of real estate | (133,961) | (1,530) | (158,138) | (3,797) |
| Proportionate share of adjustments to equity in net income (loss) of partially owned entities to arrive at FFO: | | | | |
| Depreciation and amortization of real property | 23,688 | 31,997 | 77,282 | 108,753 |
| Net gains on sale of real estate | (3,421) | 8 | (3,998) | (17,184) |
| Real estate impairment losses | — | 4,329 | 4 | 7,547 |
| | (8,679) | 137,757 | 224,174 | 457,268 |
| Noncontrolling interests' share of above adjustments | 535 | (8,572) | (13,884) | (28,444) |
| FFO adjustments, net | \$(8,144) | \$129,185 | \$210,290 | \$428,824 |
| FFO attributable to common shareholders | \$182,501 | \$100,159 | \$494,628 | \$563,522 |
| Convertible preferred share dividends | 15 | 19 | 47 | 59 |

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| | | | | |
|--|-----------|-----------|-----------|-----------|
| Earnings allocated to Out-Performance Plan units | — | — | 266 | 850 |
| FFO attributable to common shareholders plus assumed conversions | \$182,516 | \$100,178 | \$494,941 | \$564,431 |
| Per diluted share | \$0.95 | \$0.52 | \$2.59 | \$2.95 |
| Reconciliation of Weighted Average Shares | | | | |
| Weighted average common shares | 190,245 | 189,593 | 190,176 | 189,401 |
| Effect of dilutive securities: | | | | |
| Employee stock options and restricted share awards | 1,045 | 1,254 | 972 | 1,553 |
| Convertible preferred shares | 37 | 46 | 38 | 47 |
| Out-Performance Plan units | — | — | 106 | 303 |
| Denominator for FFO attributable to common shareholders plus assumed conversions per diluted share | 191,327 | 190,893 | 191,292 | 191,304 |

Item 3. Quantitative and Qualitative Disclosures About Market Risk

We have exposure to fluctuations in market interest rates. Market interest rates are sensitive to many factors that are beyond our control. Our exposure to a change in interest rates on our consolidated and non-consolidated debt (all of which arises out of non-trading activity) is as follows:

| (Amounts in thousands, except per share and per unit amounts) | 2018 | | Effect of 1% Change In Base Rates | 2017 | |
|--|-----------------------------|---|--|----------------------------|---|
| | September 30, Balance | Weighted Average Interest Rate | | December 31, Balance | Weighted Average Interest Rate |
| Consolidated debt: | | | | | |
| Variable rate | \$3,995,760 | 3.86% | \$39,958 | \$3,492,133 | 3.19% |
| Fixed rate | 5,856,360 | 3.62% | — | 6,311,706 | 3.72% |
| | \$9,852,120 | 3.72% | 39,958 | \$9,803,839 | 3.53% |
| Pro rata share of debt of non-consolidated entities ⁽¹⁾ : | | | | | |
| Variable rate | \$1,416,974 | 3.95% | 14,170 | \$1,395,001 | 3.24% |
| Fixed rate | 1,382,809 | 4.16% | — | 2,035,888 | 4.89% |
| | \$2,799,783 | 4.06% | 14,170 | \$3,430,889 | 4.22% |
| Noncontrolling interests' share of consolidated subsidiaries | | | (1,513) | | |
| Total change in annual net income attributable to the Operating Partnership | | | 52,615 | | |
| Noncontrolling interests' share of the Operating Partnership | | | (3,267) | | |
| Total change in annual net income attributable to Vornado | | | \$49,348 | | |
| Total change in annual net income attributable to the Operating Partnership per diluted Class A unit | | | \$0.26 | | |
| Total change in annual net income attributable to Vornado per diluted share | | | \$0.26 | | |

As a result of Toys “R” Us (“Toys”) filing a voluntary petition under chapter 11 of the United States Bankruptcy Code, (1) we determined the Company no longer has the ability to exercise significant influence over Toys. Accordingly, we have excluded our share of Toys debt.

We may utilize various financial instruments to mitigate the impact of interest rate fluctuations on our cash flows and earnings, including hedging strategies, depending on our analysis of the interest rate environment and the costs and risks of such strategies. As of September 30, 2018, we have an interest rate swap on a \$375,000,000 mortgage loan on 888 Seventh Avenue that swapped the rate from LIBOR plus 1.60% (3.72% as of September 30, 2018) to a fixed rate of 3.15% through December 2020; an interest rate swap on a \$700,000,000 mortgage loan on 770 Broadway that swapped the rate from LIBOR plus 1.75% (3.87% as of September 30, 2018) to a fixed rate of 2.56% through September 2020; and an interest rate swap on a \$100,000,000 mortgage loan on 33-00 Northern Boulevard that swapped the rate from LIBOR plus 1.80% (3.94% as of September 30, 2018) to a fixed rate of 4.14% through January 2025.

Fair Value of Debt

The estimated fair value of our consolidated debt is calculated based on current market prices and discounted cash flows at the current rate at which similar loans would be made to borrowers with similar credit ratings for the

remaining term of such debt. As of September 30, 2018, the estimated fair value of our consolidated debt was \$9,766,000,000.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures (Vornado Realty Trust)

Disclosure Controls and Procedures: Our management, with the participation of Vornado's Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of our disclosure controls and procedures (as such term is defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as amended) as of the end of the period covered by this report. Based on such evaluation, Vornado's Chief Executive Officer and Chief Financial Officer have concluded that, as of September 30, 2018, such disclosure controls and procedures were effective.

Internal Control Over Financial Reporting: There have not been any changes in our internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Securities and Exchange Act of 1934, as amended) during the fiscal quarter to which this report relates that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Evaluation of Disclosure Controls and Procedures (Vornado Realty L.P.)

Disclosure Controls and Procedures: Vornado Realty L.P.'s management, with the participation of Vornado's Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of our disclosure controls and procedures (as such term is defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as amended) as of the end of the period covered by this report. Based on such evaluation, Vornado's Chief Executive Officer and Chief Financial Officer have concluded that, as of September 30, 2018, such disclosure controls and procedures were effective.

Internal Control Over Financial Reporting: There have not been any changes in our internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Securities and Exchange Act of 1934, as amended) during the fiscal quarter to which this report relates that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings

We are from time to time involved in legal actions arising in the ordinary course of business. In our opinion, after consultation with legal counsel, the outcome of such matters is not currently expected to have a material adverse effect on our financial position, results of operations or cash flows.

Item 1A. Risk Factors

There were no material changes to the Risk Factors disclosed in our Annual Report on Form 10-K for the year ended December 31, 2017.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

Vornado Realty Trust

None.

Vornado Realty L.P.

During the quarter ended September 30, 2018, we issued 20,728 Class A units in connection with equity awards issued pursuant to Vornado's omnibus share plan, including with respect to grants of restricted Vornado common shares and restricted units of the Operating Partnership and upon conversion, surrender or exchange of the Operating Partnership's units or Vornado stock options, and consideration received included \$790,622 in cash proceeds. Such units were issued in reliance on an exemption from registration under Section 4(2) of the Securities Act of 1933, as amended.

Item 3. Defaults Upon Senior Securities

None.

Item 4. Mine Safety Disclosures

Not applicable.

Item 5. Other Information

On October 26, 2018, Vornado Realty L.P. entered into an amended and restated term loan agreement (the "Term Loan Agreement") extending its \$750 million unsecured term loan. The Term Loan Agreement matures in February 2024. Borrowing pursuant to the term loan bear interest at LIBOR plus 100 basis points.

Under the terms of the Term Loan Agreement, "Total Outstanding Indebtedness" may not exceed sixty percent (60%) of "Capitalization Value"; the ratio of "Combined EBITDA" to "Fixed Charges," each measured as of the most recently ended calendar quarter, may not be less than 1.40 to 1.00; the ratio of "Unencumbered Combined EBITDA" to "Unsecured Interest Expense," each measured as of the most recently ended calendar quarter, may not be less than 1.50 to 1.00; at any time, "Unsecured Indebtedness" may not exceed sixty percent (60%) of "Capitalization Value of Unencumbered Assets," each measured as of the most recently ended calendar quarter; and the ratio of "Secured Indebtedness" to "Capitalization Value," each measured as of the most recently ended calendar quarter, may not exceed fifty percent (50%). The Term Loan Agreement also contains standard representations and warranties and other covenants consistent with the Vornado Realty L.P.'s other credit facilities.

A copy of the Term Loan Agreement is filed as Exhibit 10.36 and incorporated herein by reference.

Item 6. Exhibits

Exhibits required by Item 601 of Regulation S-K are filed herewith or incorporated herein by reference and are listed in the attached Exhibit Index.

EXHIBIT INDEX

Exhibit

| No. | | |
|--------------|--|---|
| 3.53 | Forty-Seventh Amendment to Second Amended and Restated Agreement of Limited Partnership of Vornado Realty L.P., dated December 13, 2017 - Incorporated by reference to Exhibit 3.2 to Vornado Realty L.P.'s Current Report on Form 8-K (File No. 001-34482), filed on December 13, 2017 | * |
| <u>10.36</u> | L.P. as Borrower, Vornado Realty Trust as General Partner, the Banks listed on the signature pages thereof, and JPMorgan Chase Bank N.A. as Administrative Agent for the Banks. | |
| <u>15.1</u> | Letter regarding Unaudited Interim Financial Information of Vornado Realty Trust | |
| <u>15.2</u> | Letter regarding Unaudited Interim Financial Information of Vornado Realty L.P. | |
| <u>31.1</u> | Rule 13a-14 (a) Certification of the Chief Executive Officer of Vornado Realty Trust | |
| <u>31.2</u> | Rule 13a-14 (a) Certification of the Chief Financial Officer of Vornado Realty Trust | |
| <u>31.3</u> | Rule 13a-14 (a) Certification of the Chief Executive Officer of Vornado Realty L.P. | |
| <u>31.4</u> | Rule 13a-14 (a) Certification of the Chief Financial Officer of Vornado Realty L.P. | |
| <u>32.1</u> | Section 1350 Certification of the Chief Executive Officer of Vornado Realty Trust | |
| <u>32.2</u> | Section 1350 Certification of the Chief Financial Officer of Vornado Realty Trust | |
| <u>32.3</u> | Section 1350 Certification of the Chief Executive Officer of Vornado Realty L.P. | |
| <u>32.4</u> | Section 1350 Certification of the Chief Financial Officer of Vornado Realty L.P. | |
| 101.INS | XBRL Instance Document of Vornado Realty Trust and Vornado Realty L.P. | |
| 101.SCH | XBRL Taxonomy Extension Schema of Vornado Realty Trust and Vornado Realty L.P. | |
| 101.CAL | XBRL Taxonomy Extension Calculation Linkbase of Vornado Realty Trust and Vornado Realty L.P. | |
| 101.DEF | XBRL Taxonomy Extension Definition Linkbase of Vornado Realty Trust and Vornado Realty L.P. | |
| 101.LAB | XBRL Taxonomy Extension Label Linkbase of Vornado Realty Trust and Vornado Realty L.P. | |
| 101.PRE | XBRL Taxonomy Extension Presentation Linkbase of Vornado Realty Trust and Vornado Realty L.P. | |

* Incorporated by reference

SIGNATURES

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

VORNADO REALTY TRUST
(Registrant)

Date: October 29, 2018 By: /s/ Matthew Iocco
Matthew Iocco, Chief Accounting Officer (duly
authorized officer and principal accounting officer)

SIGNATURES

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

VORNADO REALTY L.P.
(Registrant)

Date: October 29, 2018 By: /s/ Matthew Iocco

Matthew Iocco, Chief Accounting Officer of Vornado Realty Trust, sole General Partner of Vornado Realty L.P. (duly authorized officer and principal accounting officer)