

245 Park Avenue



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44	Ares Capital Corporation 38,383 SF Exp. 2/2026						
43	Ares Capital Corporation 21,531 SF Exp. 5/2025	Wooten Bank New York Agency 14,329 SF Exp. 10/2025	Joseph De Rango, D.M.D. 7,742 SF Exp. 12/2025	Vacant 1,739 SF			
42	Ares Capital Corporation 36,381 SF Exp. 5/2026						
41	Vestor Capital Partners 22,502 SF Exp. 4/2020		Owl Rock Capital Partners 11,981 SF Exp. 8/2018	Vacant 1,307 SF			
40	MNA Capital US LLC 41,380 SF Exp. 10/2028						
39	Regus Business Centre LLC 18,362 SF Exp. 9/2021						
38	Rabobank Nederland 36,387 SF Exp. 8/2026						
37	Rabobank Nederland 16,387 SF Exp. 8/2026						
36	Rabobank Nederland 16,893 SF Exp. 9/2029						
35	WisdomTree Investments, Inc. 37,023 SF Exp. 8/2029						
34	Major League Baseball 36,911 SF Exp. 10/2022						
33	Skandinaviska Enskilda Banken 30,086 SF Exp. 10/2022		Vacant 16,786 SF				
32	Authos ¹ 18,126 SF Exp. 10/2022	Houlihan Lokey Inc. ² 24,848 SF Exp. 10/2022	Building Office 2,661 SF	Major League Baseball Store Exp. 10/2022			
31	Major League Baseball 37,169 SF Exp. 10/2022						
30	Major League Baseball 37,169 SF Exp. 10/2022						
29	Major League Baseball 36,766 SF Exp. 10/2022						
28	National Australia Bank ³ 37,365 SF Exp. 10/2022						
27	Vacant 36,852 SF						
26	Angelo Gordon & Co., LP ⁴ 37,811 SF Exp. 8/2026						
25	Angelo Gordon & Co., LP ⁴ 37,811 SF Exp. 8/2026						
24	Angelo Gordon & Co., LP ⁴ 37,811 SF Exp. 8/2026						
23	MIO Partners 19,336 SF Exp. 5/2022	Vacant 25,264 SF					
22	Vacant 36,950 SF						
21	The Northbrook Bank 36,345 SF Exp. 3/2022						
20	Houlihan Lokey Howard Zukin ⁵ 35,121 SF Exp. 10/2022						
19	Houlihan Lokey Howard Zukin ⁵ 35,121 SF Exp. 10/2022						
18	The Natick Agency ⁶ 34,648 SF Exp. 10/2022						
17	Houlihan Lokey Howard Zukin ⁵ 30,314 SF Exp. 10/2022	The Natick Agency ⁶ 14,468 SF Exp. 10/2022					
16	J.P. Morgan Chase Bank, N.A. 17,939 SF Exp. 10/2022	JLL ⁴ 15,939 SF Exp. 10/2022					
15	Pierpont Capital Holdings LLC ¹ 34,058 SF Exp. 10/2022						
14	Societe Generale ² 34,287 SF Exp. 10/2022						
13	Societe Generale ² 34,287 SF Exp. 10/2022						
12	Societe Generale ² 34,287 SF Exp. 10/2022						
11	Societe Generale ² 34,287 SF Exp. 10/2022						
10	Societe Generale ² 34,287 SF Exp. 10/2022						
9	Societe Generale ² 34,287 SF Exp. 10/2022						
8	Societe Generale ² 34,287 SF Exp. 10/2022						
7	Societe Generale ² 34,022 SF Exp. 10/2022						
6	Mechanical						
5	Societe Generale ² 11,888 SF Exp. 10/2022						
4	Societe Generale ² 11,888 SF Exp. 10/2022						
3	Societe Generale ² 11,888 SF Exp. 10/2022						
2	J.P. Morgan Chase Bank ³ 72,385 SF Exp. 10/2022						
Park	Vacant 16,320 SF		J.P. Morgan Chase Bank ³ 17,813 SF Exp. 10/2022	Vacant 6,268 SF	Metro Lobby Stores 1,371 SF Exp. 12/2018		
Lux	Vacant 3,381 SF	Canva Mexican ¹ 871 SF Exp. 10/2022	Financier Potterserie 1,728 SF Exp. 10/2022	Vacant 3,244 SF	Vacant 1,451 SF	Vacant 2,470 SF	Vacant 899 SF

¹ M.D. is the subtenant.² JP Morgan is the subtenant.³ JP Morgan subleases 562,547 SF to Societe Generale through October 31, 2022. Societe Generale has a lease for this space with the Sponsor which has a start date of November 1, 2022.⁴ for an initial term of 10 years, with two, five-year extension options.⁵ Societe Generale has a lease for this space with the Sponsor which has a start date of November 1, 2022 for an initial term of 10 years, with two, five-year extension options.

Vacant Building 2017 - 2018 2019 - 2020 2021 - 2022 2023+

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Mortgage Loan Information

Mortgage Loan Seller⁽¹⁾:	JPMCB
Original Principal Balance⁽²⁾:	\$98,000,000
Cut-off Date Principal Balance⁽²⁾:	\$98,000,000
% of Pool by IPB:	12.5%
Loan Purpose:	Acquisition
Borrower:	245 Park Avenue Property LLC
Sponsor⁽³⁾:	HNA Group
Interest Rate:	3.66940%
Note Date:	5/5/2017
Maturity Date:	6/1/2027
Interest-only Period:	120 months
Original Term:	120 months
Original Amortization:	None
Amortization Type:	Interest Only
Call Protection⁽⁴⁾:	L(24),Def(92),O(4)
Lockbox / Cash Management:	Hard / Springing
Additional Debt:	Yes
Additional Debt Balance:	\$982,000,000 / \$120,000,000 / \$568,000,000
Additional Debt Type:	Pari Passu / Subordinate Debt / Mezzanine Loans

Property Information

Single Asset / Portfolio:	Single Asset
Title:	Fee
Property Type - Subtype:	Office – CBD
Net Rentable Area (SF)⁽⁵⁾:	1,779,515
Location:	New York, NY
Year Built / Renovated:	1965 / 2006
Occupancy⁽⁵⁾⁽⁶⁾:	91.2%
Occupancy Date:	2/28/2017
Number of Tenants:	19
2014 NOI⁽⁷⁾:	\$98,558,305
2015 NOI⁽⁷⁾:	\$102,667,706
2016 NOI⁽⁷⁾:	\$106,715,962
TTM NOI (as of 3/2017)⁽⁷⁾:	\$107,676,675
UW Economic Occupancy:	91.5%
UW Revenues:	\$177,756,680
UW Expenses:	\$62,448,738
UW NOI⁽⁷⁾:	\$115,307,942
UW NCF:	\$109,564,903
Appraised Value / Per SF⁽⁵⁾:	\$2,210,000,000 / \$1,242
Appraisal Date:	4/1/2017

Escrows and Reserves⁽⁸⁾

	Initial	Monthly	Initial Cap
Taxes:	\$0	\$3,878,518	N/A
Insurance:	\$227,000	\$113,500	N/A
Replacement Reserves:	\$47,738	\$47,738	N/A
TI/LC:	\$0	Springing	N/A
Other:	\$11,431,608	\$0	N/A

Financial Information⁽²⁾

	A-Notes	Whole Loan
Cut-off Date Loan / SF⁽⁶⁾:	\$607	\$674
Maturity Date Loan / SF⁽⁶⁾:	\$607	\$674
Cut-off Date LTV:	48.9%	54.3%
Maturity Date LTV:	48.9%	54.3%
UW NCF DSCR:	2.73x	2.45x
UW NOI Debt Yield:	10.7%	9.6%

Sources and Uses

Sources	Proceeds	% of Total	Uses	Proceeds	% of Total
Mortgage Loan ⁽²⁾	\$1,200,000,000	52.4%	Purchase Price	\$2,210,000,000	96.4%
Mezzanine Loan A	236,500,000	10.3	Closing Costs	70,356,233	3.1
Mezzanine Loan B	221,000,000	9.6	Upfront Reserves	11,706,346	0.5
Mezzanine Loan C	110,500,000	4.8			
Sponsor Equity	524,062,579	22.9			
Total Sources	\$2,292,062,579	100.0%	Total Uses	\$2,292,062,579	100.0%

(1) The 245 Park Avenue Whole Loan was co-originated by JPMorgan Chase Bank, National Association, Natixis Real Estate Capital LLC, Barclays Bank PLC, Deutsche Bank AG, New York Branch and Société Générale.

(2) The 245 Park Avenue Whole Loan is comprised of (i) the 245 Park Avenue Mortgage Loan (comprised of one senior note with an outstanding principal balance as of the Cut-off Date of \$98.0 million), (ii) a companion loan, which is *pari passu* with the 245 Park Avenue Mortgage Loan (comprised of 18 *pari passu* notes) with an aggregate outstanding principal balance as of the Cut-off Date of \$982.0 million and (iii) a subordinate companion loan (comprised of five *pari passu* notes) with an aggregate outstanding principal balance as of the Cut-off Date of \$120.0 million. The A-Notes Financial Information presented in the chart above reflects the \$1.08 billion aggregate Cut-off Date balance of the 245 Park Avenue Mortgage Loan and the 245 Park Avenue *Pari Passu* Companion Loan, excluding the 245 Park Avenue Subordinate Companion Loan. The Whole Loan Financial Information presented in the chart above reflects the Cut-off Date balance of the \$1.2 billion 245 Park Avenue Whole Loan, as defined in "The Loan" below, and excludes the related mezzanine loans.

(3) For a full description of Sponsor, please refer to "The Loan Sponsor" below.

(4) The lockout period will be at least 24 payments beginning with and including the first payment date of July 1, 2017. Defeasance of the full \$1.2 billion 245 Park Avenue Whole Loan is permitted at any time after the earlier to occur of (i) July 1, 2020 or (ii) two years after the closing date of the securitization that includes the last note to be securitized (the "REMIC Prohibition Period").

(5) Based on remeasured net rentable area of 1,779,515 square feet in accordance with current standards of a local real estate industry association which is the basis for the square footage in future leasing. The property's contractual square footage is 1,723,993 square feet as leased.

(6) Current Occupancy includes HNA Capital USA LLC (an affiliate of the loan sponsor) and MIO Partners (together, approximately 2.7% of the remeasured net rentable area), which have executed leases but have not yet taken occupancy.

(7) The increase in 2015 NOI from 2014 NOI was primarily due to contractual rent increases resulting in an increase in the weighted average base rent per square foot from approximately \$68.87 to approximately \$72.69 per square foot. The increase in 2016 NOI from 2015 NOI is primarily due to an increase in occupancy from 93.6% to

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95.0% and an increase in in-place weighted average base rent per square foot from approximately \$72.69 to approximately \$74.66 per square foot. The increase in UW NOI from TTM NOI is primarily due to the inclusion of underwritten rent steps over underwritten rents in place, which rent steps equate to (i) for non-investment-grade tenants, base rent steps through April 2018, and (ii) for investment-grade tenants, the average base rent over the lesser of the loan term and lease term; with respect to the JPMorgan Chase Bank space subleased to Société Générale, the underwritten rent step is calculated using the average over the loan term of the JPMorgan Chase Bank base rent of \$61.50 per square foot to October 2022 and the base rent pursuant to Société Générale's direct lease of \$88.00 per square foot on a remeasured square footage that is 30,831 square feet higher than the current JPMorgan Chase Bank net rentable area through the remainder of the loan term.

(8) For a full description of Escrows and Reserves, please refer to "Escrows and Reserves" below.

The Loan. The 245 Park Avenue loan is secured by a first mortgage lien on the borrower's fee interest in a 44-story, remeasured 1,779,515 square foot office building that occupies the entire city block between 46th and 47th Streets and Park and Lexington Avenues in Midtown Manhattan, New York. The whole loan has an outstanding principal balance as of the Cut-off Date of \$1.2 billion (the "245 Park Avenue Whole Loan") and is comprised of (i) a senior loan, comprised of 19 *pari passu* notes, with an aggregate outstanding principal balance of \$1.08 billion (one of which, Note A-2-A-1, with an outstanding principal balance as of the Cut-off Date of \$98.0 million, will be contributed to the JPMCC 2017-JP6 Trust, (the "245 Park Avenue Mortgage Loan") and the remaining notes, collectively, the "245 Park Avenue Pari Passu Companion Loan") and (ii) a subordinate companion loan, comprised of five *pari passu* notes, with an aggregate outstanding principal balance as of the Cut-off Date of \$120.0 million (collectively, the "245 Park Avenue Subordinate Companion Loan"), each as described below. The 245 Park Avenue Mortgage Loan and the 245 Park Avenue Pari Passu Companion Loan are *pari passu* in right of payment with each other and are senior in right of payment to the 245 Park Avenue Subordinate Companion Loan as and to the extent described in "Description of the Mortgage Pool—The Whole Loans—The Non-Serviced Whole Loans—The 245 Park Avenue Whole Loan" in the Prospectus. The senior Note A-1-A (along with four other senior notes within the 245 Park Avenue Pari Passu Companion Loan and the 245 Park Avenue Subordinate Companion Loan) was contributed to the 245 Park Avenue Trust 2017-245P securitization that governs the servicing and administration of the 245 Park Avenue Whole Loan and is the controlling note under the related intercreditor agreement, the rights of which will be exercised by the related trustee (or, prior to the occurrence and continuance of a control termination event under the related trust and servicing agreement (the "245 Park Avenue Trust 2017-245P Trust and Servicing Agreement"), the directing certificateholder under the 245 Park Avenue Trust 2017-245P Trust and Servicing Agreement). However, the JPMCC 2017-JP6 Trust will be entitled, under certain circumstances, to be consulted with respect to certain major decisions (which rights will be exercised by the Directing Certificateholder prior to a Control Termination Event). The 245 Park Avenue Whole Loan has a 10-year term and will be interest-only for the term of the loan.

Whole Loan Summary		
Companion A Notes (245 Park Avenue Trust 2017-245P Securitization) \$380,000,000 Notes A-1-A, A-1-B, A-1-C, A-1-D, A-1-E	Companion A Notes (Future Conduit Securitizations) \$602,000,000 Notes A-2-A-2, A-2-A-3, A-2-A-4, A-2-B-1, A-2-B-2, A-2-B-3, A-2-C-1, A-2-C-2, A-2-D-1, A-2-D-2, A-2-D-3, A-2-E-1, A-2-E-2	Trust A Note \$98,000,000 Note A-2-A-1
Subordinate Companion B Notes (245 Park Avenue Trust 2017-245P) \$120,000,000 Notes B-1, B-2, B-3, B-4, B-5		

The Borrower. The borrowing entity for the 245 Park Avenue Whole Loan is 245 Park Avenue Property LLC, a Delaware limited liability company and special purpose entity.

The Loan Sponsor. The nonrecourse carve-out guarantor is 181 West Madison Holding LLC, an affiliate of the loan sponsor, HNA Group ("**HNA**"). HNA is a China based global Fortune 500 conglomerate with core divisions of aviation, hospitality, tourism, real estate, retail, finance, logistics, shipbuilding and eco-tech. In 2016, HNA had total assets of approximately \$140.0 billion with revenues of approximately \$87.0 billion. HNA Finance's main business is leasing and insurance and it also provides financial services such as securities, banking, futures, fund and investment banking. HNA Real Estate focuses on the development and management of central business district and urban real estate assets and, as of December 31, 2016, it had 34 real estate investments in over 40 cities. HNA owns more than \$1.3 billion of United States commercial real estate including 850 Third Avenue, 1180 Sixth Avenue, the Cassa Hotel at 70 West 45th Street and two golf courses, Nicklaus Club-Monterey in Monterey California and Somers Pointe Country Club in Somers, New York. In 2016, HNA purchased a 25% stake in Hilton Worldwide Holdings Inc. from Blackstone Group LP for \$6.5 billion.

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The Property. The 245 Park Avenue property is a Class A office tower located along Park Avenue between 46th and 47th Streets that consists of 44 stories with remeasured 1,720,136 square feet of office space on 42 floors, remeasured 57,799 square feet of retail space and remeasured 1,580 square feet of lobby retail space in Midtown Manhattan, New York. The 245 Park Avenue property is one of approximately 12 buildings that feature direct underground access to Grand Central Terminal, Metro North Transit and the 4, 5, 6, 7 and S subway lines. The property is located in the Park Avenue office submarket, adjacent to Grand Central Terminal, and within 0.6 miles of 5th Avenue, Rockefeller Center, Radio City Music Hall, St. Patrick's Cathedral and the Museum of Modern Art. According to the appraisal, Park Avenue is widely considered to be one of the premier office corridors in the United States due to its central location, prestigious tenancy, proximity to Grand Central Station and other amenities. As of February 28, 2017, the property was 91.2% leased to 19 tenants based on remeasured net rentable area and the property has demonstrated average occupancy of 95.0% from 2007 to 2016.

The property's largest tenant is Société Générale, a French multinational banking and financial services company, which utilizes the 245 Park Avenue property as its United States headquarters and leases 33.3% of the remeasured net rentable area through October 2032 across 12 floors. In 2010, Société Générale executed a sublease from JPMorgan Chase Bank for 562,347 contractual square feet through October 31, 2022. Additionally, in 2010, Société Générale executed a 10-year direct lease with the prior owner of 245 Park Avenue for 593,344 remeasured square feet which has a start date of November 1, 2022 at (i) approximately \$88.00 per square foot for the first five years of the term and (ii) a base rent for the second five-year period of the term equal to the higher of the rent payable for the first five years and a fair market rental value (not to exceed \$110 per square foot). Société Générale's direct lease has a base year of 2013 and in addition, Société Générale subleases 36,425 contractual square feet to Brunswick Group and 36,425 contractual square feet to MIO Partners. As of April 28, 2017, Société Générale reported a market capitalization of approximately €40.8 billion, and it had revenues of €25.3 billion in 2016. Société Générale has offices in 67 countries, employing 145,700 people and serving approximately 31 million customers as of December 31, 2016. The second largest tenant, JPMorgan Chase Bank, National Association ("JPMorgan Chase Bank"), leases 13.4% of the remeasured net rentable area through October 2022. JPMorgan Chase Bank is the largest banking institution in the United States with a market capitalization of \$308.9 billion as of May 5, 2017, operates in more than 60 countries, has more than 240,000 employees and serves consumers, small businesses, corporate, institutional and government clients. As of 2016, JPMorgan Chase Bank reported revenues of \$95.7 billion and assets of \$2.5 trillion. The JPMorgan Chase Bank space does not include the space subleased to Société Générale due to the fact that Société Générale has executed a direct lease which begins November 1, 2022. Of the 225,438 contractual square feet of JPMorgan Chase Bank space, a total of 189,686 contractual square feet is subleased through October 30, 2022. This includes 90,556 contractual square feet to Houlihan Lokey Inc., 49,133 contractual square feet to The Nemec Agency, 34,058 contractual square feet to Pierpont Capital Holdings LLC and 15,939 contractual square feet to JLL. The JPMorgan Chase Bank space also includes 17,813 contractual square feet of retail space that it leases at the property. The third largest tenant, Major League Baseball ("MLB"), is headquartered at the property and leases 12.6% of the remeasured net rentable area through October 2022. MLB is a professional baseball league in North America and currently headquartered at the 245 Park Avenue property. MLB reported record revenues in 2015, up \$500 million from the prior year and approaching \$9.5 billion. MLB had attendance of more than 73 million fans in 2016. MLB subleases 37,385 contractual square feet to the National Bank of Australia, 24,840 contractual square feet to Houlihan Lokey Inc. and 10,525 contractual square feet to Anthos USA Inc. through October 30, 2022. MLB's lease expires in October 2022 and it has announced that it plans to vacate its space at the end of its lease term. In addition, MLB has signed a lease at another location and declared its intention to move into that space in 2019, which is approximately three years prior to its lease expiration date. If MLB does not renew its lease 12 months before its lease expiration date or if MLB vacates or abandons all or substantially all of its premises, a Cash Sweep Event (as defined below) will occur.

As of February 28, 2017, 65.1% of the property's annual in-place base rent was attributed to investment grade tenants. The 245 Park Avenue property serves as the United States headquarters for Société Générale (33.3% of remeasured net rentable area, rated A2/A by Moody's and S&P) and features other investment grade and institutional tenants including JPMorgan Chase Bank (13.4% of remeasured net rentable area, rated Aa3/A+/AA- by Moody's, S&P and Fitch), Major League Baseball (12.6% of remeasured net rentable area), Angelo Gordon (6.4% of remeasured net rentable area) and Rabobank (6.3% of remeasured net rentable area, rated Aa2/A+/AA- by Moody's, S&P and Fitch).

Midtown Manhattan is home to numerous national and multinational corporations, such as Bloomberg L.P., BlackRock, the Blackstone Group, Colgate-Palmolive, JPMorgan Chase Bank and NBC. The surrounding area offers a number of luxury hotels including the Waldorf Astoria, The Four Seasons and the New York Palace as well as Michelin starred restaurants such as Aquavit, The Modern and Le Bernardin.

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According to the appraisal, as of the fourth quarter of 2016, the Park Avenue office submarket had approximately 21.8 million square feet of office inventory, direct weighted average Class A asking rents of \$102.15 per square foot and a vacancy rate of 10.5%. The appraisal identified seven comparable Class A office buildings including 200 Park Avenue, 277 Park Avenue, 299 Park Avenue, 300 Park Avenue, 320 Park Avenue, 345 Park Avenue and 350 Park Avenue with current asking rents ranging from \$85.00 per square foot to \$125.00 per square foot which is in-line with the property. The comparable buildings had a weighted average occupancy of 97.0%. The property's weighted average in place office rent of \$80.72 per square foot is approximately \$14.58 per square foot lower than the appraisals concluded weighted average in place market rent of \$95.30 per square foot.

Historical and Current Occupancy ⁽¹⁾					
2012	2013	2014	2015	2016	Current ⁽²⁾
95.8%	93.6%	93.6%	93.6%	95.0%	91.2%

(1) Historical Occupancies are as of December 31 of each respective year.

(2) Current Occupancy is as of February 28, 2017, is based on remeasured net rentable area of 1,779,515 and includes HNA Capital USA LLC (an affiliate of the loan sponsor) and MIO Partners (together, approximately 2.7% of the remeasured net rentable area), which have executed leases but have not yet taken occupancy.

Tenant Summary ⁽¹⁾						
Tenant	Ratings ⁽²⁾ Moody's/S&P/Fitch	Net Rentable Area (SF) ⁽³⁾	% of Total NRA ⁽³⁾	Base Rent PSF ⁽⁴⁾	% of Total Base Rent	Lease Expiration Date
Société Générale ⁽⁵⁾⁽⁶⁾	A2 / A / NA	593,344	33.3%	\$61.50	27.4%	10/31/2032
JPMorgan Chase Bank ⁽⁵⁾⁽⁷⁾	Aa3 / A+ / AA-	237,781	13.4%	\$52.42	9.4%	10/31/2022
MLB ⁽⁸⁾	NA / NA / NA	224,477	12.6%	\$124.75	21.8%	10/31/2022
Angelo Gordon	NA / NA / NA	113,408	6.4%	\$81.00	7.3%	5/31/2026
Rabobank	Aa2 / A+ / AA-	112,662	6.3%	\$138.00	12.0%	9/30/2026
Ares Capital	NA / BBB+ / BBB+	97,101	5.5%	\$83.91	6.5%	5/31/2026
HNA Capital US LLC ⁽⁹⁾	NA / NA / NA	38,382	2.2%	\$74.00	2.3%	1/31/2026
Regus Business Centre	NA / NA / NA	38,383	2.2%	\$84.00	2.6%	9/30/2021
WisdomTree Investments ⁽¹⁰⁾	NA / NA / NA	37,924	2.1%	\$73.00	2.2%	8/31/2029
The Norinchukin Bank	A1 / A / NA	37,342	2.1%	\$99.00	2.9%	3/31/2022

(1) Based on the underwritten rent roll dated February 28, 2017.

(2) Ratings provided are for the parent company of the entity listed in the "Tenant" field whether or not the parent company guarantees the lease.

(3) Based on remeasured net rentable square feet of 1,779,515.

(4) Based on 1,723,993 contractual square feet.

(5) JPMorgan Chase Bank subleases 562,347 contractual square feet to Société Générale through October 31, 2022. In 2010, Société Générale executed a 10-year direct lease with the prior owner for 593,344 remeasured square feet which has a start date of November 1, 2022 at (i) approximately \$88.00 per square foot for the first five years of the term and (ii) a base rent for the second five-year period of the term equal to the higher of the rent payable for the first five years and a fair market rental value (not to exceed \$110 per square foot). Société Générale's direct lease has a base year of 2013 and two five-year renewal options and in addition, Société Générale subleases 36,425 contractual square feet to Brunswick Group and 36,425 contractual square feet to MIO Partners. The terms shown for Société Générale in the table above are based on JPMorgan Chase Bank's direct lease.

(6) Société Générale has the right to terminate either the highest floor or the highest two full floors that it leases (if such floors are contiguous) under either the related sublease described above or under its direct lease with the borrower, with notice by May 1, 2021. Société Générale may not exercise the option if all or any portion of the termination space is covered by a non-disturbance agreement granted by the borrower.

(7) The JPMorgan Chase Bank space does not include the space subleased to Société Générale due to the fact that Société Générale has executed a direct lease which begins November 1, 2022. Of the 225,438 contractual square feet of JPMorgan Chase Bank space, a total of 189,686 contractual square feet is subleased through October 30, 2022. This includes 90,556 contractual square feet to Houlihan Lokey Inc., 49,133 contractual square feet to The Nemec Agency, 34,058 contractual square feet to Pierpont Capital Holdings LLC and 15,939 contractual square feet to JLL. The JPMorgan Chase Bank space also includes 17,813 contractual square feet of retail space that it leases at the property. The terms shown for JPMorgan Chase Bank in the table above are based on its direct lease. JPMorgan Chase Bank may not extend any portion of its lease currently subleased to Société Générale pursuant to its sublease agreement with Société Générale.

(8) MLB subleases 37,385 contractual square feet to the National Bank of Australia, 24,840 contractual square feet to Houlihan Lokey Inc. and 10,525 contractual square feet to Anthos USA Inc. through October 30, 2022. MLB does not have any remaining renewal options. The terms shown for MLB in the table above are based on its direct lease. MLB has announced that it plans to vacate its space at the end of its lease term and that it signed a lease at another location and declared its intention to move into that space in 2019, which is approximately three years prior to its lease expiration.

(9) The HNA Capital US LLC space was originally leased to Heineken Americas Inc. from January 2010 through January 2026. On May 4, 2017, Heineken Americas Inc. assigned its space at the property to HNA Capital US LLC, an affiliate of the sponsor.

(10) WisdomTree Investments has the right to terminate its lease effective as of August 20, 2024, with 12 months' notice and the payment of a termination fee.

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Lease Rollover Schedule ⁽¹⁾⁽²⁾									
Year	Number of Leases Expiring	Net Rentable Area Expiring ⁽³⁾	% of NRA Expiring ⁽³⁾	Base Rent Expiring	% of Base Rent Expiring	Cumulative Net Rentable Area Expiring ⁽³⁾	Cumulative % of NRA Expiring ⁽³⁾	Cumulative Base Rent Expiring	Cumulative % of Base Rent Expiring
Vacant	NAP	153,915	8.9%	NAP	NAP	153,915	8.9%	NAP	NAP
2017	0	0	0.0	\$0	0.0%	153,915	8.9%	\$0	0.0%
2018	2	13,352	0.8	1,282,100	1.0	167,267	9.7%	\$1,282,100	1.0%
2019	0	0	0.0	0	0.0	167,267	9.7%	\$1,282,100	1.0%
2020	1	22,502	1.3	1,597,404	1.3	189,769	11.0%	\$2,879,504	2.3%
2021	1	38,382	2.2	3,224,088	2.6	228,151	13.2%	\$6,103,592	4.8%
2022 ⁽⁴⁾	6	505,781	29.3	45,017,995	35.7	733,932	42.6%	\$51,121,587	40.5%
2023	0	0	0.0	0	0.0	733,932	42.6%	\$51,121,587	40.5%
2024	0	0	0.0	0	0.0	733,932	42.6%	\$51,121,587	40.5%
2025	0	0	0.0	0	0.0	733,932	42.6%	\$51,121,587	40.5%
2026	6	376,592	21.8	36,765,311	29.1	1,110,524	64.4%	\$87,886,898	69.7%
2027	1	10,538	0.6	937,882	0.7	1,121,062	65.0%	\$88,824,780	70.4%
2028 & Beyond ⁽⁴⁾⁽⁵⁾	2	602,931	35.0	37,352,719	29.6	1,723,993	100.0%	\$126,177,500	100.0%
Total	19	1,723,993	100.0%	\$126,177,500	100.0%				

(1) Based on the underwritten rent roll dated February 28, 2017 and includes rent steps through April 2018.

(2) Certain tenants may have termination or contraction options (which may become exercisable prior to the originally stated expiration date of the tenant lease) that are not considered in the above Lease Rollover Schedule.

(3) Based on 1,723,993 contractual square feet.

(4) JPMorgan Chase Bank subleases 562,347 square feet to Société Générale through October 31, 2022. In 2010, Société Générale executed a direct lease with the prior owner that has a start date of November 1, 2022 and is for an initial term of 10 years, with two five-year extension options. The lease maturity of this space is reflected as 2032 in the table above.

(5) 2028 & Beyond includes 2,661 square feet of building office space.

Operating History and Underwritten Net Cash Flow							
	2014	2015	2016	TTM ⁽¹⁾	Underwritten	Per Square Foot ⁽²⁾	% ⁽³⁾
Rents in Place	\$118,736,577	\$125,320,974	\$128,705,034	\$129,095,683	\$126,177,500	\$73.19	65.1%
Vacant Income	0	0	0	0	16,425,575	9.53	8.5
Rent Steps	0	0	0	0	10,341,838	6.00	5.3
Gross Potential Rent⁽⁴⁾	\$118,736,577	\$125,320,974	\$128,705,034	\$129,095,683	\$152,944,913	\$88.72	78.9%
Total Reimbursements ⁽⁵⁾	31,667,499	34,635,748	37,032,022	37,903,249	40,918,609	23.73	21.1
Net Rental Income	\$150,404,076	\$159,956,722	\$165,737,056	\$166,998,932	\$193,863,523	\$112.45	100.0%
(Vacancy/Credit Loss)	0	0	0	0	(16,425,575)	(9.53)	(8.5)
Other Income ⁽⁶⁾	488,183	704,333	1,901,893	1,888,513	318,732	0.18	0.2
Effective Gross Income	\$150,892,259	\$160,661,057	\$167,638,950	\$168,887,445	\$177,756,680	\$103.11	91.7%
Total Expenses	\$52,333,954	\$57,993,351	\$60,922,988	\$61,210,770	\$62,448,738	\$36.22	35.1%
Net Operating Income⁽⁷⁾⁽⁸⁾	\$98,558,305	\$102,667,706	\$106,715,962	\$107,676,675	\$115,307,942	\$66.88	64.9%
Total TI/LC, Capex/RR	0	0	0	0	5,743,040	3.33	3.2
Net Cash Flow	\$98,558,305	\$102,667,706	\$106,715,962	\$107,676,675	\$109,564,903	\$63.55	61.6%
Average Annual Rent PSF⁽⁹⁾	\$68.87	\$72.69	\$74.66	\$74.88			

(1) TTM represents the trailing 12-month period ending March 31, 2017.

(2) Based on 1,723,993 contractual square feet.

(3) Percentage column represents percent of Net Rental Income for all revenue lines and represents percent of Effective Gross Income for the remainder of fields.

(4) The increase in Underwritten Gross Potential Rent from TTM Gross Potential Rent is primarily due to the inclusion of rent steps, which are underwritten to (i) for non-investment-grade tenants, rent steps through April 2018 and (ii) for investment-grade tenants, the average base rent over the lesser of the 245 Park Avenue Whole Loan term and the applicable lease term. With respect to the Société Générale subleased space, rent steps are underwritten based on the average of the JPMorgan Chase base rent of \$61.50 per square foot through October 2022 and base rent pursuant to Société Générale's direct lease of \$88.00 per square foot through the remainder of the loan term.

(5) Expense Recoveries are calculated on a tenant-by-tenant basis according to each tenant's reimbursement methodology. Reimbursements for the JPMorgan Chase Bank space subleased to Société Générale are underwritten pursuant to the triple-net JPMorgan Chase Bank lease; upon the commencement of Société Générale's direct modified gross lease in October 2022, the tenant is instead required to reimburse expenses over a base year of 2013.

(6) Other Income consists of licensing fees, utility fees, generator fees and other miscellaneous items.

(7) The increase in 2015 Net Operating Income from 2014 Net Operating Income was primarily due to contractual rent increases resulting in an increase in the weighted average base rent per square foot from approximately \$68.87 to approximately \$72.69 per square foot.

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- (8) The increase in 2016 Net Operating Income from 2015 Net Operating Income is primarily due to an increase in occupancy from 93.6% to 95.0% and an increase in the weighted average base rent per square foot from approximately \$72.69 to approximately \$74.66 per square foot.
- (9) Average Annual Rent PSF is based on historical Rents in Place and 1,723,993 contractual leased square feet as of December 31 of each respective year.

Property Management. The property is managed by Brookfield Properties Management LLC (“Brookfield”) on an interim basis subject to a property management agreement which is in place until October 31, 2017. The borrower has indicated that it expects to replace Brookfield and select a long term property manager on or before the expiration of the current management agreement. Under the loan agreement, the loan sponsor may replace the property manager with a qualified manager, which will include certain preapproved parties or, among other criteria, a nationally recognized property management company having at least 7.5 million rentable square feet under management (excluding the property), including at least 5.0 million rentable square feet under management in office properties in New York City.

Escrows and Reserves. At origination, the borrower deposited \$10,298,441 for outstanding tenant improvements and leasing commissions, \$1,133,167 for free rent, \$227,000 for insurance reserves and \$47,738 for required repairs. In lieu of depositing any reserve amounts required under the loan documents in cash, the borrower may deliver to the lender one or more letters of credit for all or any portion of the deposit requirements. The amount of any such letter(s) of credit may not exceed 10% of the 245 Park Avenue Whole Loan, unless such excess is permitted under a new non-consolidation opinion delivered to the lender.

Tax Escrows - On a monthly basis, the borrower is required to escrow 1/12 of annual estimated tax payments, which currently equates to \$3,878,518 (approximately \$26.15 per remeasured square foot annually).

Insurance Escrows - On a monthly basis, the borrower is required to escrow 1/12 of the annual insurance premiums, which currently equates to \$113,500 (approximately \$0.77 per remeasured square foot annually).

Replacement Reserves - On a monthly basis, the borrower is required to escrow \$47,738 (approximately \$0.32 per remeasured square foot annually) for ongoing replacement reserves.

Rollover Reserves - Commencing on May 1, 2025 and continuing on a monthly basis, the borrower is required to deposit \$446,775 per month (\$3.00 per remeasured square foot annually) with the lender for costs related to tenant improvements and leasing commissions. The borrower is also required to deposit any lease modification fees, settlement of claims against third parties related to any lease, any rejection, termination, cancellation or surrender fee and any holdover rents or use and occupancy fees from any current or former tenants.

Lockbox / Cash Management. The 245 Park Avenue Whole Loan is structured with a hard lockbox and springing cash management. The borrower and property manager were required at origination to deliver letters to all tenants at the property directing them to pay rents into a lockbox account. All funds in the lockbox account are required to be swept within one business day into the borrower's operating account, unless a Cash Sweep Event (as defined below) is continuing, in which event such funds are required to be swept each business day into the cash management account controlled by the lender and disbursed on each payment date in accordance with the loan documents. The lender has been granted a first priority security interest in the cash management account.

A “Cash Sweep Event” means the occurrence of (a) an event of default under the 245 Park Avenue Whole Loan or an event of default under the mezzanine loans, (b) the bankruptcy or insolvency of the borrower or property manager (in the case of the property manager, to the extent such action results in the cash or bank accounts associated with the property being subsumed in the action or that has a material adverse effect on the property or the value or security of the lender's interests), (c) if the debt service coverage ratio (as calculated in the loan documents) for the 245 Park Avenue Whole Loan and mezzanine loans based on underwritten net cash flow falls below 1.15x at the end of any quarter, based on the trailing three-month period or (d) if MLB does not renew all or substantially all of its premises at least 12 months before its lease expiration date or if MLB vacates or abandons all or substantially all of its premises (provided that any sweep, in the case of (d), will be capped at \$85.00 per square foot with respect to the space leased by MLB) (a “Tenant Trigger Event”).

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A Cash Sweep Event may be cured in accordance with the following conditions: (i) with respect to a Cash Sweep Event caused solely by clause (a) above, the acceptance of a cure by the applicable lender of the related event of default, (ii) with respect to a Cash Sweep Event caused by clause (b) above, if the borrower replaces such manager within 60 days of such action in accordance with the loan documents, (iii) with respect to a Cash Sweep Event caused solely by clause (c) above, either (1) the achievement of a debt service coverage ratio for the 245 Park Avenue Whole Loan and mezzanine loans of at least 1.15x for six consecutive months based on the trailing three-month period or (2) the borrower effects a DSCR Cure (as defined below) or (iv) with respect to a Cash Sweep Event caused solely by a Tenant Trigger Event, the occurrence of a Tenant Trigger Cure (as defined below). Each Cash Sweep Event cure is also subject to the following: (x) no other event of default has occurred and is continuing, (y) a cure may not occur more than five times in the aggregate during the term of the loan (except that there are no limits on the number of times a DSCR Cure may occur and a DSCR Cure is excluded from the foregoing limit) and (z) the borrower may not cure a Cash Sweep Event caused by a bankruptcy or insolvency of the borrower.

A “DSCR Cure” means the satisfaction of the following conditions: (a) the borrower delivers a letter of credit with a notional amount which, if applied to the 245 Park Avenue Whole Loan and each mezzanine loan, would result in a debt service coverage ratio of at least 1.15x based upon the trailing three-month period immediately preceding the date of determination; and (b) no Cash Sweep Event resulting from a separate event has occurred which has not been cured; *provided* that (x) the amount of the letter of credit (together with the amount of any other letters of credit that have been delivered by the borrower under the loan documents) may not exceed 10% of the 245 Park Avenue Whole Loan, unless such excess is permitted under a new non-consolidation opinion and (y) the borrower has no reimbursement obligations with respect to such letter of credit.

A “Tenant Trigger Cure” means either (x) the replacement of MLB with one or more tenants approved by the lender if required under the loan documents leasing not less than 90% of the leasable area of the MLB space (including any portion of the space retained by MLB), which tenant(s) are in occupancy and paying full contractual rent, without right of offset or free rent credit, as evidenced by an estoppel certificate or (y) during the period of any Cash Sweep Event from and after a Tenant Trigger Event, excess cash flow shall have been deposited in the cash management account in an amount equal to or exceeding \$85.00 per rentable square foot with respect to the space demised under the MLB lease.

Additional Debt. The \$568.0 million mezzanine debt consists of a \$236.5 million mezzanine loan A, a \$221.0 million mezzanine loan B and a \$110.5 million mezzanine loan C. The mezzanine loan A has a 5.00000% coupon, the mezzanine loan B has a 5.70000% coupon and the mezzanine Loan C has a 6.85000% coupon. The mezzanine loans are interest-only for the full term of the loans and are coterminous with the 245 Park Avenue Whole Loan. Including the 245 Park Avenue Subordinate Companion Loan and mezzanine loans, the cumulative Cut-off Date LTV, cumulative UW NOI DSCR and cumulative UW NOI Debt Yield are 80.0%, 1.42x and 6.5%, respectively. The mortgage and mezzanine lenders have entered into an intercreditor agreement. The mezzanine loans have been or are expected to be sold to institutional investors.