





# U.S. Equity REIT Universe - Valuation Metrics

(Amounts in Millions, Except per Share Data)

Company Name	Ticker	12/29/2023 Share Price	Dividends			Capitalization		Core FFO Multiples			AFFO Multiples		2024E AFFO "PEG" Ratio	AFFO/FFO Quality Measure	EBITDA Multiples		NAV Estimates		NAV Ratios		
			Ann. Div./Share	Current Div. Yield	AFFO Payout %	Equity Mkt. Cap	Ent. Value	LTM	2023E	2024E	2023E	2024E			2023E	2024E	Est. Current NAV	Consensus Fwd. NAV	Vs. Cons.	Impl. Net Eff. Rate	
<b>Gateway Office:</b>																					
Boston Properties, Inc.	BXP	71.95	3.92	5.45%	74.0%	12,629	26,873	9.9x	9.9x	9.9x	13.6x	13.8x		72.9%	14.7x	13.5x	39.56	87.48	82.3%	6.16%	
Douglas Emmett, Inc.	DEI	14.85	0.76	5.12%	53.1%	2,871	7,158	8.3x	8.1x	8.7x	10.4x	11.4x		78.2%	11.6x	11.9x	11.18	19.18	77.4%	7.75%	
Empire State Realty Trust, Inc. Class A	ESRT	9.89	0.14	1.42%	41.8%	2,679	4,616	11.6x	11.3x	11.0x	29.5x	21.7x	0.6x	38.4%	14.6x	14.6x	6.36	13.40	73.8%	5.34%	
Hudson Pacific Properties, Inc.	HPP	9.47	-	-	-	1,371	5,050	13.2x	9.9x	7.1x	13.0x	10.3x	0.4x	76.3%	11.3x	10.2x	14.12	13.25	71.5%	10.71%	
JBG SMITH Properties	JBG	17.35	0.90	5.19%	71.4%	2,069	4,496	11.9x	12.3x	13.7x	13.8x	15.9x		89.4%	15.8x	17.6x	21.43	22.13	78.4%	11.01%	
Kilroy Realty Corporation	KRC	40.93	2.16	5.28%	56.0%	4,831	8,903	9.1x	8.9x	9.2x	10.6x	12.1x		84.0%	12.9x	13.1x	35.17	54.54	75.0%	8.19%	
American Strategic Investment Co. Class A	NYC	8.15	0.80	9.82%	-	119	498	38.8x	-	-	-	-		-	38.3x	29.8x	(24.44)	-	-	-	
Paramount Group, Inc.	PGRE	5.32	0.14	2.63%	23.8%	1,260	4,442	6.0x	6.4x	7.7x	9.1x	12.0x		70.9%	11.6x	12.4x	0.41	6.38	83.5%	5.13%	
SL Green Realty Corp.	SLG	46.91	3.25	6.93%	98.3%	3,215	13,635	8.2x	8.9x	9.1x	14.2x	13.9x	6.4x	62.9%	18.8x	18.2x	11.19	47.16	99.5%	4.84%	
Vornado Realty Trust	VNO	29.39	1.50	5.10%	82.0%	6,133	16,331	10.2x	11.4x	11.8x	16.1x	16.4x		70.7%	19.8x	20.3x	24.07	33.11	88.8%	7.24%	
<b>Straight Average</b>				<b>4.69%</b>	<b>50.0%</b>			<b>12.7x</b>	<b>9.7x</b>	<b>9.8x</b>	<b>14.5x</b>	<b>14.2x</b>	<b>2.5x</b>	<b>71.5%</b>	<b>16.9x</b>	<b>16.2x</b>			<b>73.0%</b>	<b>6.69%</b>	
<b>Mkt. Cap Wtd. Average</b>				<b>4.98%</b>	<b>66.3%</b>			<b>9.9x</b>	<b>8.9x</b>	<b>10.1x</b>	<b>14.3x</b>	<b>14.3x</b>	<b>0.6x</b>	<b>71.8%</b>	<b>15.7x</b>	<b>15.4x</b>			<b>82.0%</b>	<b>6.84%</b>	
<b>Median</b>				<b>5.15%</b>	<b>54.5%</b>			<b>10.1x</b>	<b>9.9x</b>	<b>9.2x</b>	<b>13.6x</b>	<b>13.8x</b>	<b>0.6x</b>	<b>72.9%</b>	<b>14.7x</b>	<b>14.1x</b>			<b>77.9%</b>	<b>6.70%</b>	
<b>Office - Secondary Markets / Other:</b>																					
Alexandria Real Estate Equities, Inc.	ARE	128.90	4.96	3.85%	68.5%	22,025	32,523	15.1x	14.4x	13.6x	17.8x	17.0x	3.6x	80.7%	18.6x	16.5x	127.12	141.11	91.3%	6.91%	
American Assets Trust, Inc.	AAT	22.97	1.32	5.75%	80.5%	1,767	3,382	9.7x	9.8x	10.0x	14.0x	13.9x	15.2x	69.9%	13.5x	13.6x	19.84	33.00	69.6%	6.79%	
Brandywine Realty Trust	BDR	5.50	0.60	10.91%	65.9%	955	3,608	4.7x	4.8x	5.0x	6.0x	7.1x		78.9%	11.5x	11.6x	5.65	9.76	56.4%	10.08%	
Cousins Properties Incorporated	CUZ	24.74	1.28	5.17%	69.3%	3,755	6,305	9.5x	9.4x	9.6x	13.4x	13.8x		70.5%	12.5x	12.5x	22.51	28.52	86.8%	6.61%	
Easterly Government Properties Inc	DEA	13.71	1.06	7.73%	105.8%	1,473	2,661	11.8x	12.5x	12.5x	13.7x	13.5x	11.3x	91.1%	16.3x	15.2x	13.38	16.03	85.5%	5.92%	
Equity Commonwealth	EQC	19.32	-	-	-	2,096	91	21.0x	-	-	-	-		-	0.8x	0.8x	18.99	-	-	5.55%	
Franklin Street Properties Corp.	FSP	2.56	0.20	7.81%	400.0%	264	651	8.0x	8.8x	8.5x	51.2x	64.0x		17.2%	-	-	0.09	-	-	4.40%	
Highwoods Properties, Inc.	HIW	23.47	2.00	8.52%	84.5%	669	4,017	6.2x	6.2x	6.4x	9.9x	10.1x		63.0%	7.5x	7.6x	21.19	35.53	66.1%	6.71%	
COPT Defense Properties	OFC	25.78	1.14	4.42%	66.6%	2,949	5,243	10.7x	10.7x	10.3x	15.1x	13.9x	1.7x	71.3%	14.7x	14.2x	21.97	30.83	83.6%	7.28%	
Orion Office REIT, Inc.	ONL	5.86	0.40	6.83%	-	332	823	3.4x	3.4x	4.1x	-	-		-	-	-	6.20	-	-	11.28%	
Office Properties Income Trust	OPI	7.49	1.00	13.35%	23.9%	365	2,956	1.8x	1.8x	2.1x	1.8x	2.0x		99.9%	9.5x	9.7x	1.10	-	-	6.29%	
Piedmont Office Realty Trust, Inc. Class A	PDM	7.30	0.50	6.85%	40.7%	903	2,967	4.2x	4.2x	4.6x	5.9x	7.5x		70.6%	9.8x	10.0x	5.32	14.26	51.2%	9.17%	
<b>Straight Average</b>				<b>6.77%</b>	<b>83.8%</b>			<b>8.9x</b>	<b>7.8x</b>	<b>7.9x</b>	<b>14.9x</b>	<b>16.3x</b>	<b>7.9x</b>	<b>71.3%</b>	<b>9.6x</b>	<b>9.3x</b>			<b>49.2%</b>	<b>7.25%</b>	
<b>Mkt. Cap Wtd. Average</b>				<b>4.53%</b>	<b>67.5%</b>			<b>13.2x</b>	<b>11.6x</b>	<b>11.2x</b>	<b>15.0x</b>	<b>14.6x</b>	<b>3.4x</b>	<b>72.7%</b>	<b>15.0x</b>	<b>13.8x</b>			<b>79.3%</b>	<b>7.13%</b>	
<b>Median</b>				<b>6.84%</b>	<b>67.5%</b>			<b>8.8x</b>	<b>8.8x</b>	<b>8.5x</b>	<b>13.5x</b>	<b>13.6x</b>	<b>7.4x</b>	<b>70.9%</b>	<b>10.6x</b>	<b>10.8x</b>			<b>61.2%</b>	<b>6.75%</b>	





## U.S. Equity REIT Universe - Capital Structure & Leverage

(Amounts in Millions, Except per Share Data)

Company Name	Ticker	Capital Structure					Capitalization Ratios			Cash Flow Items <sup>(1)</sup>			Coverage Ratios <sup>(1)</sup>		Development Adjustments			Adj. Net Debt+Pfd. / EBITDA <sup>(1)</sup>	
		Equity Mkt. Cap	Total Debt	Preferred Equity	Total Mkt. Cap	Cash & Equiv.	Ent. Value (TEV)	Debt + Pfd. / Mkt. Cap	Net Debt + Pfd. / TEV	Debt + Pfd. / GAV	Recent Qtr. EBITDA	Cash Int. Exp.	Preferred Div.	Int. Coverage	Fixed Chg. Coverage	CIP	Wtd. Avg. Yield		Incr. EBITDA
<b>Gateway Office:</b>																			
Boston Properties, Inc.	BXP	12,628.7	15,208.3	-	27,837.1	964.1	26,873.0	54.6%	53.0%	80.0%	492.7	167.3	-	2.9x	2.9x	951	6.0%	57	7.0x
Douglas Emmett, Inc.	DEI	2,971.0	4,595.1	-	7,566.1	408.4	7,157.7	60.7%	58.5%	101.0%	158.7	54.4	-	2.9x	2.9x	-	6.0%	-	6.6x
Empire State Realty Trust, Inc. Class A	ESRT	2,679.4	2,243.2	89.0	5,011.6	395.8	4,615.8	46.5%	42.0%	121.8%	88.8	22.8	1.1	3.9x	3.7x	8	6.0%	0	5.4x
Hudson Pacific Properties, Inc.	HPP	1,370.6	3,763.6	-	5,134.3	83.8	5,050.4	73.3%	72.9%	89.1%	110.1	50.5	5.2	2.2x	2.0x	436	7.5%	33	7.8x
JBG SMITH Properties	JBGSS	2,069.3	2,603.3	-	4,672.7	176.5	4,496.1	55.7%	54.0%	146.4%	82.3	24.5	-	3.4x	3.4x	535	6.0%	32	6.7x
Kilroy Realty Corporation	KRC	4,930.9	4,969.9	-	9,800.8	897.6	8,903.2	50.7%	45.7%	72.2%	176.5	48.6	-	3.6x	3.6x	1,835	6.0%	110	5.0x
American Strategic Investment Co. Class A	NYC	118.9	399.5	-	518.4	20.6	497.8	77.1%	76.1%	1197.0%	2.9	4.4	-	0.7x	0.7x	-	6.0%	-	32.9x
Paramount Group, Inc.	PGRE	1,259.7	3,661.2	-	4,920.9	478.7	4,442.2	74.4%	71.6%	114.8%	89.3	35.9	-	2.5x	2.5x	-	6.0%	-	8.9x
SL Green Realty Corp.	SLG	3,215.1	10,714.6	396.5	14,326.2	690.9	13,635.2	77.6%	76.4%	155.2%	174.7	141.2	5.6	1.2x	1.2x	833	6.0%	50	13.9x
Vornado Realty Trust	VNO	6,133.0	10,467.8	1,223.0	17,823.9	1,493.1	16,330.7	65.6%	62.4%	110.8%	332.2	87.9	15.5	3.8x	3.2x	1,922	8.0%	154	6.9x
<b>Straight Average</b>								<b>63.6%</b>	<b>61.3%</b>	<b>218.8%</b>				<b>2.7x</b>	<b>2.6x</b>				<b>10.1x</b>
<b>Mkt. Cap Wtd. Average</b>								<b>61.8%</b>	<b>59.4%</b>	<b>111.0%</b>				<b>3.0x</b>	<b>2.9x</b>				<b>8.0x</b>
<b>Median</b>								<b>63.2%</b>	<b>60.5%</b>	<b>112.8%</b>				<b>2.9x</b>	<b>2.9x</b>				<b>7.0x</b>
<b>Office - Secondary Markets / Other:</b>																			
Alexandria Real Estate Equities, Inc.	ARE	22,025.1	11,335.7	-	33,360.8	837.5	32,523.3	34.0%	32.3%	46.4%	496.7	105.6	-	4.7x	4.7x	4,080	7.0%	286	4.6x
American Assets Trust, Inc.	AAT	1,766.6	1,700.0	-	3,466.6	84.7	3,381.8	49.0%	47.8%	73.4%	66.1	15.5	-	4.3x	4.3x	221	7.0%	15	5.8x
Brandywine Realty Trust	BDN	955.3	2,711.4	-	3,666.7	58.6	3,608.0	73.9%	73.5%	86.3%	89.1	36.7	-	2.4x	2.4x	318	7.0%	22	7.0x
Cousins Properties Incorporated	CUZ	3,754.9	2,556.6	-	6,311.5	6.9	6,304.6	40.5%	40.4%	44.6%	129.4	26.0	-	5.0x	5.0x	339	7.0%	24	4.7x
Easterly Government Properties Inc	DEA	1,472.8	1,221.7	-	2,694.4	33.4	2,661.0	45.3%	44.7%	47.9%	44.5	11.8	-	3.8x	3.8x	44	7.0%	3	6.6x
Equity Commonwealth	EQC	2,096.0	-	122.9	2,218.9	2,127.8	91.1	5.5%	-	152.1%	30.7	-	2.0	-	15.4x	-	7.0%	-	-
Franklin Street Properties Corp.	FSP	264.3	400.0	-	664.3	13.1	651.2	60.2%	59.4%	92.7%	14.3	5.2	-	2.7x	2.7x	-	7.0%	-	6.8x
Highwoods Properties, Inc.	HIW	669.5	3,341.1	28.8	4,039.4	22.4	4,017.0	83.4%	83.3%	60.0%	138.4	34.1	0.6	4.1x	4.0x	218	7.0%	15	5.9x
COPT Defense Properties	OFC	2,949.4	2,498.3	-	5,447.7	204.2	5,243.4	45.9%	43.8%	56.3%	94.2	18.7	-	5.0x	5.0x	150	7.0%	11	5.9x
Orion Office REIT, Inc.	ONL	332.2	557.3	-	889.6	66.2	823.4	62.7%	59.6%	71.6%	30.7	6.4	-	4.8x	4.8x	-	7.0%	-	4.0x
Office Properties Income Trust	OPI	365.2	2,630.8	-	2,996.0	39.6	2,956.4	87.8%	87.6%	94.7%	79.4	26.6	-	3.0x	3.0x	-	7.0%	-	8.2x
Piedmont Office Realty Trust, Inc. Class A	PDM	903.0	2,068.9	-	2,971.9	5.0	2,966.8	69.6%	69.6%	76.1%	82.5	27.9	-	3.0x	3.0x	75	7.0%	5	6.2x
<b>Straight Average</b>								<b>54.8%</b>	<b>53.5%</b>	<b>75.2%</b>				<b>3.6x</b>	<b>4.8x</b>				<b>5.5x</b>
<b>Mkt. Cap Wtd. Average</b>								<b>45.4%</b>	<b>44.0%</b>	<b>58.9%</b>				<b>4.1x</b>	<b>4.5x</b>				<b>5.3x</b>
<b>Median</b>								<b>54.6%</b>	<b>53.6%</b>	<b>72.5%</b>				<b>3.9x</b>	<b>4.1x</b>				<b>5.9x</b>

Notes:

(1) Presented on a cash basis.

Source: Company reports, FactSet, Hedgeye