# CBRE NORTH AMERICA CAP RATE SURVEY

## FIRST HALF 2015

A CBRE RESEARCH PUBLICATION





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APPENDIX

#### **KEY UNITED STATES OBSERVATIONS**

 The U.S. commercial real estate market continues to perform well and attract substantial investor interest, in turn creating a very competitive investment landscape. This investment environment, overall, led to slightly lower cap rates in H1 2015 compared to H2 2014.

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- The changes in cap rates were smaller than found in recent surveys, signaling that the capital markets cycle is close to reaching stabilization in terms of pricing (based on cap rates, but not necessarily on a per square foot or unit basis).
- While the big "take away" from the current survey is that the market is close to stabilization in cap rate pricing, there was also considerable variation within this theme.
- The CBRE North America Cap Rate Survey H1 2015 found that the retail sector experienced the most significant national cap rate compression. Rates dropped for most types and classes of retail properties, however the declines were modest.
- The industrial and hotel sectors experienced the next largest declines, although these were also quite small.
- Both the retail and hotel sectors were late in joining the real estate recovery and in attracting investment capital; therefore it is not surprising that the cap rate declines are greater in these sectors than those more mature in the real estate cycle.
- National cap rates for industrial facilities experienced very moderate declines of 10 to 19 bps. The national cap rate for stabilized Class A industrial assets is 5.65%.

 Infill multifamily cap rates are the second lowest of all product types (4.57% for Class A, just above high street retail). Infill multifamily is also, arguably, the furthest along in the property and capital markets cycles. However, the H1 2015 survey revealed modest declines of eight to 14 bps (depending on class). The cap rate changes for suburban multifamily acquisitions were comparable to infill, except for Class C product which increased slightly.

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- Central Business District (CBD) office cap rates edged downwards in H1 2015 in Class B and C acquisitions, but not Class A – one example of investors moving out on the risk curve. Surprisingly, despite increased sales volumes, suburban office cap rates rose slightly in all classes (average seven bps).
- Pricing premiums (lower cap rates) are clearly evident in Tier I markets, relative to other metro tiers; and in Tier II markets relative to Tier III metros. The only notable exception is in stabilized suburban office where Tier I and Tier II groups are priced similarly.
- Spreads over U.S. Treasuries compressed slightly in H1 2015, a reflection of both slightly lower cap rates overall and of a marginally higher 10-year rate. For Class A properties of all asset types, spreads over the 10-year Treasury narrowed by approximately 26 bps since H2 2014 to roughly 363 bps.
- Looking forward, across all property types surveyed, CBRE Capital Markets and Valuation professionals expect the vast majority of cap rates to remain stable in H2 2015. Approximately three-quarters of markets will see no change in cap rates, with increases expected in only a very limited number of markets.

#### **OVERVIEW CONT.**

#### FIGURE 1. UNITED STATES NATIONAL LEVEL CAP RATES AND EXPECTED RETURN ON COST BY PROPERTY TYPE, SECTOR, CLASS AND/OR SEGMENT

CAP RATES FOR STABILIZED PROPERTY ACQUISITIONS								EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTY ACQUISITIONS					
						SPREAD OVER 10-Y	EAR TREASURY (BPS)				SPREAD OVER 10-Y	EAR TREASURY (BPS	
PROPERTY TYPE	SECTOR	CLASS/SEGMENT	H2 2014* (%)	H1 2015 (%)	CHANGE (BPS)	H2 2014 (END OF PERIOD) 2.17	H1 2015 (END OF PERIOD) 2.35	H2 2014* (%)	H1 2015 (%)	CHANGE (BPS)	H2 2014 (END OF PERIOD) 2.17	H1 2015 (END OF PERIOD) 2.35	
		AA		5.36			301						
		AA	- 5.84	5.90	- 6	- 367	355	- 7.14	- 6.98	-15	- 497	- 463	
	CBD	A	6.93	6.83	-9	476	448	8.16	7.87	-13	599	552	
OFFICE		С	8.83	8.54	-29	666	619	9.99	9.77	-23	782	742	
		AA	-	6.25	-	-	390	-	-	-	-	-	
	SUBURBAN	A	6.77	6.84	7	460	449	7.84	7.92	9	567	557	
	0000000	В	7.72	7.79	7	555	544	9.03	8.99	-4	686	664	
		С	9.13	9.20	7	696	685	10.44	10.32	-12	827	797	
		A	5.83	5.65	-19	366	330	6.34	6.42	8	417	407	
INDUSTRIAL	ALL	В	6.84	6.67	-16	467	432	7.50	7.54	4	533	519	
		С	8.16	8.06	-10	599	571	8.98	9.55	57	681	720	
	NEIGHBORHOOD/	A	5.88	5.71	-17	371	336	6.82	6.64	-18	465	429	
	COMMUNITY CENTER	В	6.98	6.74	-24	481	439	7.84	7.59	-25	567	524	
		С	8.41	8.25	-16	624	590	9.25	9.34	10	708	699	
		A	6.49	6.16	-33	432	381	7.42	7.23	-19	525	488	
RETAIL	POWER	В	7.44	7.31	-13	527	496	8.31	8.18	-13	614	583	
		С	8.59	8.77	18	642	642	9.50	9.62	13	733	727	
	HIGH STREET	A	4.44	4.35	-9	227	200	-	-	-	-	-	
		А	4.65	4.57	-8	248	222	5.16	5.22	6	299	287	
	INFILL	В	5.22	5.13	-9	305	278	5.80	5.83	2	363	348	
		С	6.26	6.12	-14	409	377	6.75	6.87	12	458	452	
MULTIFAMILY		А	5.20	5.10	-10	303	275	5.59	5.58	-1	342	323	
	SUBURBAN	В	5.69	5.58	-11	352	323	6.60	6.16	-44	443	381	
		С	6.60	6.66	5	443	431	7.11	7.34	23	494	499	
		LUXURY	6.73	6.74	1	440	433	-	-	-	-	-	
	000	FULL-SERVICE	7.43	7.28	-14	494	515	-	-	-	-	-	
HOTEL	CBD	SELECT-SERVICE	7.78	7.69	-9	535	547	-	-	-	-	-	
		ECONOMY	8.91	8.77	-14	643	609	-	-	-	-	-	
		LUXURY	7.20	7.18	-1	484	449	-	-	-	-	-	
		FULL-SERVICE	7.82	7.69	-13	535	561	-	-	-	-	-	
	SUBURBAN	SELECT-SERVICE	8.11	8.13	2	579	587	-	-	-	-	-	
		ECONOMY	9.28	9.16	-11	682	703	-	-	-	-	-	

Source: CBRE Research, U.S. Department of Treasury. \*The U.S. H2 2014 averages have been revised slightly due to more precise weighting by market inventory size. H2 2014 metro cap rates have not been revised.





## **OVERVIEW CONT.**

#### FIGURE 2. CANADA NATIONAL LEVEL CAP RATES BY PROPERTY TYPE, SECTOR, CLASS AND/OR SEGMENT

		CAP RATES FOR STABILIZED PROPERTY ACQUISITIONS									
			H2 2014	H1 2015	CHANGE	SPREAD OVER 10 H2 2014	<u>-YEAR BOND (BPS)</u> H1 2015				
PROPERTY TYPE	SECTOR	CLASS/SEGMENT	(%)	(%)	(BPS)	(END OF PERIOD)	(END OF PERIOD)				
						1.79	1.68				
		AA	5.27	5.10	-17	348	342				
	CBD	Α	5.83	5.78	-5	404	410				
OFFICE		В	6.63	6.64	1	484	496				
	SUBURBAN	A	6.55	6.50	-5	476	482				
	JUBUKBAIN	В	7.30	7.22	-8	551	554				
INDUSTRIAL	ALL	A	5.99	5.94	-5	420	426				
INDUSTRIAL	ALL	В	6.94	6.88	-6	515	520				
RETAIL	NEIGHBORHOOD/ COMMUNITY CENTER	ALL	6.38	6.27	-11	459	459				
	POWER	ALL	6.05	6.02	-3	426	434				
MULTIFAMILY	INFILL	A	4.54	4.41	-13	275	273				
MULTIPAMILT	SUBURBAN	В	5.55	5.48	-7	376	380				
	CBD	FULL-SERVICE	8.00	8.00	0	621	632				
HOTEL	SUBURBAN	SELECT-SERVICE	9.28	9.34	6	749	766				

Source: CBRE Research, Bank of Canada.



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#### WHAT'S NEW IN THE H1 2015 SURVEY

The heart of the CBRE North America Cap Rate Survey—current cap rates for stabilized property acquisitions and expected returns on cost for value-add acquisitions—remains the same. Also, as in past surveys, cap rate trends are presented for both the recent past and the next six months.

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In addition, as a part of an on-going commitment to bring thought leadership to our clients and industry, a number of improvements have been made to the CBRE North America Cap Rate Survey.

Firstly, the improvements include an expanded geography. In addition to covering about 46 major U.S. markets, the survey now includes 10 markets in Canada.

Secondly, in terms of expanded coverage, Class AA has been added to the set of cap rates for the U.S. office market. Class AA typically represents the best five to 10 office buildings in a market, and provides a picture of the very top pricing for office assets. These statistics also assist with the comparison to prime office yields in Europe and Asia. It should be noted, however, that while the calculations behind prime yields and Class AA cap rates are not the same, the definitions of prime and Class AA properties are very similar. In turn, we expect the performance of prime properties to be broadly comparable to that of Class AA.

Thirdly, the H1 2015 survey includes a series of maps to help interpret the data. The maps display Class A and Class B cap rates for stabilized acquisitions in all markets, property types and sectors covered. They are particularly useful for illustrating the geographical patterns of cap rate pricing.

Fourthly, a number of tables and graphs have been added to the product summary sections. The new figures illustrate (a) cap rate averages and recent changes by tier groupings, (b) comparative H1 2015 Class A cap rates for Tier I and II markets and (c) the dispersion of cap rate outlooks (increase, no change, decrease) for the metros within each asset class.

Lastly, the core tables with metro level cap rates and return on cost data are no longer organized by geographical regions, they are now organized by tiers, or groups of similar metropolitan areas in terms of general size, function and investment perspective.

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#### TIER SELECTION METHODOLOGY

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The objective of establishing tier groupings is to facilitate the comparison of markets that fulfill broadly similar investment criteria, as well as highlighting the behavior of the different tiers relative to each other. Tiers are similar to the concept of primary, secondary and tertiary markets, but CBRE Research prefers the term "tier" to mitigate unwarranted biases inherent in the other terms.

To determine the tier groupings, the 46 metros in this survey have been assigned to one of three tiers based, generally, on the statistical criteria shown in Figure 3. This table reflects specific ranges for office markets, but the same principals apply to the other property sectors. Tier selection does vary modestly by asset class, and may change over time. Also, one principal behind the tier selection is to identify a smaller number of markets for Tier I and for Tier II, roughly 20% of the number of markets surveyed, and a larger number in Tier III.

#### FIGURE 3.GENERAL GUIDELINES FOR TIER SELECTION

METRO TIER	METRO POPULATION (MILLIONS)	2013 MSA REAL GDP (\$ BILLION)	OFFICE INVENTORY (MSF)	10 YEAR AVG. ANNUAL OFFICE INVESTMENT (\$ BILLION)
Ι	7 - 20	400 - 1500	100 - 400	4 - 20
II	3 - 7	200 - 400	30 - 90	1 - 3
III	<3	<200	<30	<1

Source: CBRE Research.

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Size—measured principally by population, economic activity and total of inventory is a large determinant of tier selection although, it is not the only by any means. Long-term investment activity is also a key criterion. Pricing, however, was not factored into the tier selection; rather, a market's tier goes a long way towards explaining its pricing. In addition to the guidelines shown on the table, some other quantitative and qualitative factors were considered, such as the presence of a port facility for the industrial markets.

A market's current economic and market performance is not a direct determinant of tier selection, in large part, because the tiers are meant to represent the long-term positioning of markets. However, investment activity is certainly influenced by economic and market performance, and a market that consistently outperforms (or underperforms) other markets may change its tier position in the future due to the influence of economic/market performance on the established criteria.

Furthermore, due to the heterogeneity of property markets, the guidelines in Figure 3 cannot be strictly applied. As a result, there is some overlap among these categories and all the statistics for a given metro may not fall within each of the ranges given. Once the metros were categorized according to the guidelines, CBRE professionals then made a handful of tier placement adjustments based on the unique characteristics of markets and the role that they play in each property sector. For example, while Boston's population and office inventory figures are notably less than the guidelines for a Tier I metro, its average annual investment total indicates that Boston is one of the most popular U.S. markets for office investment.

Additionally, while market characteristics (other than size) and global capital flows were not directly used for the tier placement model, Boston's "high barriers-to-entry" character, in addition to its international reputation, contributed to its final rank as a Tier I metro.

The tier selection process also kept metro agglomerations together in the same tier, even if individual parts of the agglomeration would rank differently. For example, while Stamford would not be considered a Tier I office metro on its own, it is categorized as such because of its place within the wider New York City agglomeration. Note, however, that in some cases, the cap rate and return on cost data for the different metro components were combined due to the pricing similarity. For example, rates for industrial assets in Los Angeles, the Inland Empire and Orange County were combined into one set of rates for just Southern California.

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#### INTEREST RATES AND CAP RATES: EXPECTATIONS AND REALITY

The real estate industry has long been a keen observer of interest rate dynamics. Rates, of course, are relevant to nearly all components of the overall economy and, hence, the demand drivers of the use of commercial space. More directly, both shortand long-term interest rates are key ingredients of the cost of commercial real estate mortgage capital and influence investment volumes, both of which impact acquisition pricing. Interest rates are also the measure of risk-free yields that are used as a benchmark for and a comparison to cap rates.

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#### FIGURE 4: HISTORICAL 10-YEAR TREASURY RATES



Source: U.S. Department of the Treasury. Monthly averages through July 2015.

For a number of years, economists, real estate professionals and most other industry observers have expected interest rates to rise over the near term. Nothing has changed about this position, and a small increase would not derail the positive performance in property fundamentals, nor halt the robust investment environment. However, higher interest rates would make borrowing more expensive and could slow transaction activity. The impact depends on the pace and magnitude of increases as well as the macroeconomic environment. For example, a more robust economic environment would have positive influences on real estate that would partly mitigate the negative impacts of higher interest rates.

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Given the importance of interest rates, their relationship to cap rates and the potential of interest rates rising, we include some discussion on where rates may be headed over the near term and the factors influencing their movement.

Nearly all macroeconomists and industry surveys forecast a modest rise in interest rates in H2 2015 and the years following. The differences among the opinions is how much and when. The two key measures are the Federal Funds rate—set directly by the Federal Reserve Bank—and the market-based yields on the 10-year Treasury note.

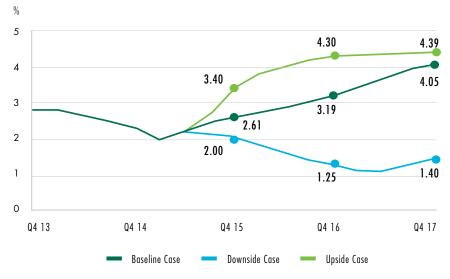
Focusing on the latter, CBRE Econometric Advisors' baseline scenario forecasts the 10-year Treasury to increase moderately to 2.61% over H2 2015 as shown in Figure 5. In 2016, CBRE EA projects the 10-year Treasury to rise at about the same pace and end the year at 3.19%.



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#### FIGURE 5. 10-YEAR TREASURY RATE FORECASTS, 2015-2017



Source: CBRE Econometric Advisors, Q2 2015.

Most other economists expect rates to rise during H2 2015. For example, Oxford Economics is forecasting the 10-year Treasury to edge up to 2.48%, while the consensus forecast from *The Wall Street Journal's* monthly survey of economists and others shows a 2.72% 10-year rate at the end of Q4 2015.

CBRE EA also provides alternative forecasts. Should the economic expansion decelerate, then CBRE EA expects the 10-year rates to fall in 2015 and remain very low through 2016. If the pace of economic expansion accelerates, then the 10-year rates would rise more rapidly over the next two years, as shown in Figure 5.

The ranges set out by CBRE EA encompass most of the perspectives by the wider business community and include calculations of several key variables. The most important variables going into interest rate projections include: (a) the next steps of the Open Market Committee of the Federal Reserve Bank (determining the Federal Funds rate, which will likely result in a very small upward adjustment in H2 2015), (b) inflation levels, (c) commodity prices, (d) labor markets and wage pressure, (e) global economies and (f) the exchange rate of the U.S. dollar.

The relationship between Treasury yields and cap rates is of particular interest in this current environment. If/when Treasuries rise, will that automatically translate into an upward adjustment of cap rates? The qualified answer is "no."

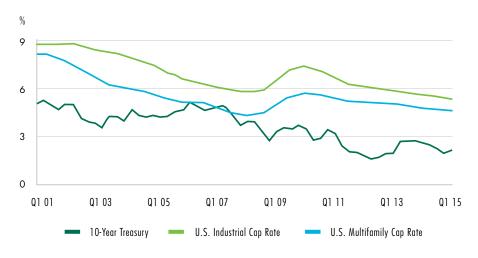
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Figure 6 provides historical view of 10-year Treasury yields and U.S. cap rates. The industrial and multifamily sectors were chosen to represent the national commercial real estate industry for this discussion. The cap rate data is from NCREIF, which covers predominantly higher-quality assets. A cap rate series covering a wider quality range of assets would have placed average cap rates perhaps 30 to 60 bps higher, however the trend lines would essentially remain the same.

The graph portrays three principal trends: (1) broad downward movement in the Treasury yield and cap rates over the study period, (2) a generally positive correlation between the two rates and (3) considerable variation within that correlation.

FIGURE 6. HISTORICAL 10-YEAR TREASURIES AND CAP RATES



Source: CBRE Econometric Advisors; NCREIF (cap rates for institutionally-owned properties through Q2 2015); U.S. Department of the Treasury (interest rates through Q2 2015).

Figure 7 illustrates the variation between the 10-year Treasury yields and cap rates. Over the 14-year period, the spread between industrial cap rates and the 10-year Treasury has ranged between 127 bps at the peak of the investment boom in 2007 (Q2 2007) to 474 bps in Q3 2003 at the end of the early 2000's recession.

In other words, during periods of peak economic performance and investment, spreads between the 10-year Treasury and national cap rates are typically compressed. Real estate is perceived to have less risk during these periods and the investment climate is more competitive, both contributing to narrower spreads. Therefore, the near-term outlook of higher interest rates is not necessarily going to translate into higher cap rates if the rates come from stronger economic growth, as expected, as opposed to an unexpected shock to the economic system.



## FIGURE 7. HISTORICAL SPREADS BETWEEN 10-YEAR TREASURY YIELDS AND CAP RATES

Source: CBRE Research, Q2 2015. Spreads based on NCREIF cap rates for institutional-owned properties.



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#### **OFFICE** | UNITED STATES OVERVIEW

Investment in the office sector, year-to-date through June, totaled \$71.4 billion reflecting a remarkable 36% gain over the same period in 2014 (this total includes entity-level sales). If the volume of office acquisitions maintains its current pace, the 2015 volume will rise 15% over 2014, however it still will not have reached the prior peak set in 2007.

Greater interest in suburban office assets is evident in the investment statistics. The largest volume increase occurred in the suburban sector—a 51% gain year-overyear compared to 20% for CBD assets. Also, for the first time in five years, acquisitions of suburban office assets outpaced that of CBD assets as evidenced by the 56% market share, year-to-date, for suburban purchases.

Global capital coming into the U.S. favors the office sector, partly due to the investor's ability to deploy large amounts of capital for individual assets, as well as greater familiarity with the asset type. Through June 2015, cross-border investment reached \$13.6 billion, up sharply from the year-ago figure of \$8.4 billion. The principal sources of foreign capital, in order of investment totals, were: Canada, Hong Kong, Singapore, China and Norway. Both Brazil and Australia will be added to this list soon given some pending transactions, which is noteworthy since neither country had been among the leading capital sources in recent years.

For CBD acquisitions, the CBRE North America Cap Rate Survey H1 2015 found no large changes, but rather a mixed picture with movement both up and down the spectrum. For example, for acquisitions of Class A buildings, cap rates declined in nine markets, rose in 16 and remained stable in 17. The survey found that cap rates for stabilized Class AA assets averaged 5.36% and 5.90% for Class A. The latter rate reflects a very small increase, while Class B and C cap rates fell slightly. For stabilized CBD office acquisition cap rates, the largest decline was found in Class C product in the Tier I markets. Larger than average declines, while still modest, were also found in all classes of Tier II office acquisitions, as well as Tier I Class B purchases. (See page 5 for more discussion on tier selection methodology and page 14 for Key Rate tables for metros in each tier.)

#### FIGURE 8. OFFICE CBD - CAP RATES FOR STABILIZED PROPERTIES

METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
	AA		5.36	
	А	5.84	5.90	6
ALL	В	6.93	6.83	-9
	С	8.83	8.54	-29
	AA		4.55	
_	А	4.85	4.91	6
I	В	5.91	5.68	-23
	С	7.93	7.23	-70
	AA		5.55	
-	А	6.05	5.92	-13
11	В	7.30	7.13	-17
	С	8.70	8.53	-17
	AA		6.78	
	А	7.37	7.48	11
III —	В	8.33	8.39	6
	С	9.65	9.80	15

Source: CBRE Research.

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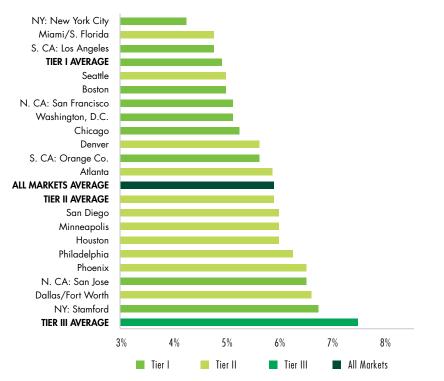
Not surprisingly, the lowest cap rates for both Class AA and Class A CBD stabilized product were found in New York City at 4.00% and 4.25%, respectively. Another four markets had average Class AA cap rates below 5.00%: Boston, Los Angeles, San Francisco, Seattle and Washington, D.C.

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#### FIGURE 9. OFFICE CBD - CLASS A CAP RATES, H1 2015 - TIER I & II METROS



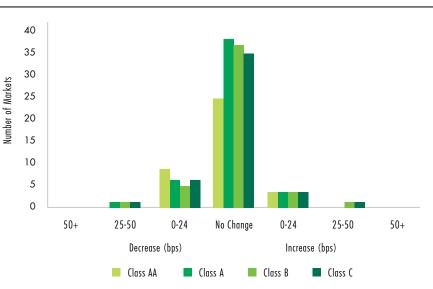
Source: CBRE Research.

In addition to New York, markets with sub-5% Class A cap rates were Los Angeles and Miami. For Class A CBD space, Philadelphia experienced the largest cap rate decline (50 bps), followed by Atlanta and Dallas/Fort Worth (37.5 bps).

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For value-add CBD office property acquisitions, the projected returns on cost fell the most in Tier I markets (all classes). Returns on cost also fell in Tier II markets (all classes), but not in Tier III markets, where the average increase was about 25 bps. In other words, investors are willing to accept lower returns on cost for value-add assets in Tier I and II markets, but not in Tier III markets.

## FIGURE 10. OFFICE CBD - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Source: CBRE Research.



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Looking forward, for all types of CBD assets, CBRE Capital Markets and Valuation professionals expect the majority (68%) of markets to experience no cap rate movement in H2 2015. Another 25% are expected to experience modest declines.

In contrast to CBD acquisitions, and unlike the H2 2014 survey, suburban office acquisitions experienced modest increases in cap rates. However, the increases were very small at seven bps for all classes.

AA         6.25           A         6.77         6.84         7           B         7.72         7.79         7           C         9.13         9.20         7           AA         6.46         6.46         0           AA         6.46         6.46         0           B         7.64         7.45         -20           C         9.00         8.57         -43           AA         6.40         6.49         9           AA         6.40         6.49         9           B         7.24         7.50         26           C         8.82         9.07         24           AA         7.49         7.60         10           B         8.32         8.44         12           C         9.60         9.83         23	METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
B         7.72         7.79         7           C         9.13         9.20         7           AA         6.23             AA         6.46         6.46         0           B         7.64         7.45         -20           C         9.00         8.57         -43           AA         6.40         6.49         9           AA         6.40         6.49         9           B         7.24         7.50         26           C         8.82         9.07         24           AA         7.49         7.60         10           B         8.32         8.44         12		AA		6.25	
$ \  \begin{bmatrix} B & 7.72 & 7.79 & 7 \\ \hline C & 9.13 & 9.20 & 7 \\ \hline AA & 6.23 & & & \\ \hline A & 6.46 & 6.46 & 0 \\ \hline B & 7.64 & 7.45 & -20 \\ \hline C & 9.00 & 8.57 & -43 \\ \hline C & 9.00 & 8.57 & -43 \\ \hline AA & 6.40 & 6.49 & 9 \\ \hline B & 7.24 & 7.50 & 26 \\ \hline C & 8.82 & 9.07 & 24 \\ \hline AA & 6.87 & & \\ \hline AA & 7.49 & 7.60 & 10 \\ \hline B & 8.32 & 8.44 & 12 \\ \end{bmatrix} $		А	6.77	6.84	7
AA         6.23           A         6.46         0           B         7.64         7.45         -20           C         9.00         8.57         -43           AA         6.40         6.49         9           AA         6.40         6.49         9           B         7.24         7.50         26           C         8.82         9.07         24           AA         6.87	ALL	В	7.72	7.79	7
$\begin{tabular}{ c c c c c } \hline A & 6.46 & 6.46 & 0 \\ \hline B & 7.64 & 7.45 & -20 \\ \hline C & 9.00 & 8.57 & -43 \\ \hline C & 9.00 & 8.57 & -43 \\ \hline AA & 6.40 & 6.49 & 9 \\ \hline A & 6.40 & 6.49 & 9 \\ \hline B & 7.24 & 7.50 & 26 \\ \hline C & 8.82 & 9.07 & 24 \\ \hline C & 8.82 & 9.07 & 24 \\ \hline AA & -5.82 & -5.82 \\ \hline AA & -5.82 & -5.$		С	9.13	9.20	7
$\begin{tabular}{ c c c c c c } \hline B & 7.64 & 7.45 & -20 \\ \hline C & 9.00 & 8.57 & -43 \\ \hline A & 5.92 & & & \\ \hline A & 6.40 & 6.49 & 9 \\ \hline B & 7.24 & 7.50 & 26 \\ \hline C & 8.82 & 9.07 & 24 \\ \hline C & 8.82 & 9.07 & 24 \\ \hline A & 7.49 & 7.60 & 10 \\ \hline B & 8.32 & 8.44 & 12 \\ \hline \end{tabular}$		AA		6.23	
C         9.00         8.57         -43           AA         5.92	1	А	6.46	6.46	0
AA         5.92           A         6.40         6.49         9           B         7.24         7.50         26           C         8.82         9.07         24           AA         7.49         7.60         10           B         8.32         8.44         12	I –	В	7.64	7.45	-20
A         6.40         6.49         9           B         7.24         7.50         26           C         8.82         9.07         24           AA         6.87         10           III         B         8.32         8.44         12		С	9.00	8.57	-43
B         7.24         7.50         26           C         8.82         9.07         24           AA         6.87		AA		5.92	
B         7.24         7.50         26           C         8.82         9.07         24           AA         6.87		А	6.40	6.49	9
AA         6.87           A         7.49         7.60         10           B         8.32         8.44         12	11	В	7.24	7.50	26
A         7.49         7.60         10           B         8.32         8.44         12		С	8.82	9.07	24
III B 8.32 8.44 12		AA		6.87	
B 8.32 8.44 12		А	7.49	7.60	10
C 9.60 9.83 23	111	В	8.32	8.44	12
		С	9.60	9.83	23

#### FIGURE 11. OFFICE SUBURBAN - CAP RATES FOR STABILIZED PROPERTIES

Source: CBRE Research.

The notable exceptions to this broad trend of marginal increases were Class B and Class C assets in Tier I markets, which experienced small declines.

The lowest suburban cap rate for Class A space was in Los Angeles followed by Orange County, San Diego, Seattle and Miami. It is notable that the latter three markets are all "Tier II" markets (based on size and other factors), yet the pricing is very much like "Tier I" markets. Los Angeles experienced the second largest drop in suburban Class A cap rates (50 bps).

For Class B space, six markets have cap rates below 7%: Los Angeles, Orange County, Miami, San Diego, Seattle and Washington, D.C.

For value-add suburban office acquisitions in Tier I markets, projected returns on cost averaged 7.65% for Class A acquisitions, down 17 bps from the last survey, and 8.98% for Class B, down 5 bps. However, the returns on cost rose slightly in Tier III markets.

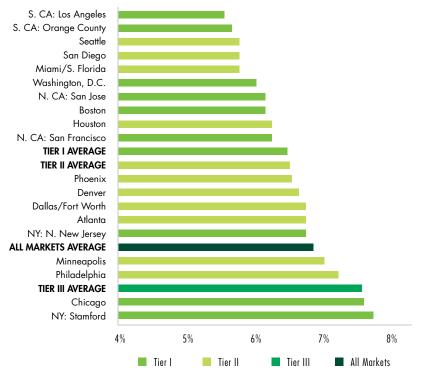
For stabilized suburban office assets, the six-month outlook is for no change in cap rates for about two-thirds of U.S. markets. Cap rates are projected to decline slightly in 27% of markets and the remainder (7%) should experience small increases. For stabilized Class A acquisitions, the markets with the largest expected cap rate declines (50 to 100 bps) are Cincinnati and Jacksonville.



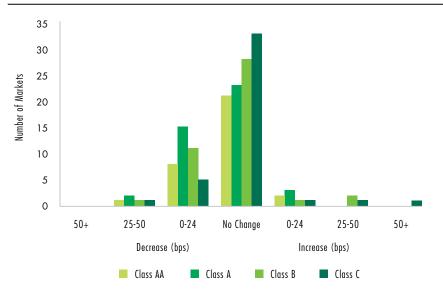


#### **OFFICE** | UNITED STATES OVERVIEW CONT.

## FIGURE 12. OFFICE SUBURBAN - CLASS A CAP RATES, H1 2015 - TIER I & II METROS



## FIGURE 13. OFFICE SUBURBAN - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Source: CBRE Research.

Source: CBRE Research.

Select from the list below to access the current key rates, forecasts and maps.

**OFFICE CBD** 

OFFICE SUBURBAN



### **OFFICE CBD** | UNITED STATES KEY RATES

		CLASS AA		CLA	SS A			CLA	ASS B			CLA	SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	BOSTON	4.50 - 5.00	4.75 - 5.25	<b>A</b>	6.00 - 7.00	<b>.</b>	4.75 - 6.00	▼	7.00 - 9.00		-	_	_	-
	CHICAGO	4.75 - 5.25	5.00 - 5.50	•	6.50 - 7.00	▼	6.00 - 7.00	▼	7.50 - 8.50	▼	7.50 - 8.50		8.50 - 10.50	▼
	N. CA: SAN FRANCISCO	4.50 - 5.00	4.75 - 5.50		5.50 - 6.50	▼	5.50 - 6.50	<b>4</b>	6.50 - 7.50	▼	6.00 - 6.50	▼	7.00 - 8.50	▼
_	n. ca: san jose	_	6.00 - 7.00	▼	7.00 - 8.00	•	6.75 - 8.00	▼	7.50 - 8.50		7.50 - 8.50	▼	9.00 - 10.00	
ER	NY: NEW YORK CITY	3.75 - 4.25	4.00 - 4.50		4.50 - 5.00	•	4.50 - 5.00	<b>4</b>	4.50 - 5.00	•	_	_	_	_
	NY: STAMFORD	_	6.50 - 7.00	•	8.00 - 8.50	•	7.25 - 7.75		9.00 - 9.50		8.50 - 9.00		10.00 - 10.50	<b>4</b>
	S. CA: LOS ANGELES	4.00 - 4.50	4.50 - 5.00	•	6.00 - 7.00	▼	5.50 - 6.00	•	7.00 - 8.00		7.50 - 8.00	•	8.50 - 9.00	•
	S. CA: ORANGE COUNTY	5.00 - 5.50	5.25 - 6.00		5.25 - 5.75	<b>4</b>	6.00 - 7.00	<b>4</b>	6.25 - 7.00		7.25 - 8.25		7.50 - 8.50	<b>4</b>
	WASHINGTON, D.C.	4.50 - 5.00	4.75 - 5.50		6.00 - 7.00	_	5.50 - 6.50	▼	6.50 - 8.00	_	6.00 - 6.50	_	7.00 - 8.00	_

		CLASS AA		CLA	SS A		CLASS B					CLA	SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	T DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ATLANTA	5.25 - 5.75	5.50 - 6.25	▼	6.25 - 7.25	▼	6.75 - 7.75	•	7.25 - 8.50	▼	8.00 - 9.75	•	8.50 - 10.50	•
	DALLAS/FORT WORTH	5.50 - 6.25	6.25 - 7.00	▼	8.00 - 9.00	▼	8.00 - 9.00	•	9.00 - 10.00	▼	9.00 - 11.00	•	11.00 - 12.00	
	DENVER	5.00 - 5.50	5.25 - 6.00		6.25 - 7.25	•	6.25 - 7.25		6.50 - 7.50	▼	7.50 - 8.50	•	8.25 - 9.25	•
	HOUSTON	5.50 - 5.75	5.75 - 6.25		7.25 - 7.75		6.50 - 7.25	▼	8.25 - 8.75	▼	7.50 - 8.50	▼	10.50 - 11.00	
=	MIAMI/S. FLORIDA	_	4.50 - 5.00	▼	5.50 - 6.25	▼	5.75 - 6.75	▼	6.50 - 7.50	<b>.</b>	7.00 - 8.00	•	7.50 - 9.00	
	MINNEAPOLIS	5.00 - 5.50	5.50 - 6.50	•	7.00 - 8.00	•	7.50 - 8.50	•	9.00 - 10.00	4	9.00 - 10.00	•	11.00 - 12.00	▼
	PHILADELPHIA	5.75 - 6.25	6.00 - 6.50	▼	7.00 - 8.00	▼	7.00 - 7.50	▼	8.00 - 9.00	▼	8.50 - 9.00		10.00 - 11.00	
	PHOENIX	5.75 - 6.25	6.25 - 6.75	<b></b>	6.50 - 7.00		6.75 - 7.50	▼	7.25 - 8.25	▼	9.00 - 10.00	•	11.00 - 12.00	
	SAN DIEGO	5.25 - 5.75	5.75 - 6.25	▼	6.00 - 6.50	▼	6.00 - 6.50	▼	6.50 - 7.00	▼	6.75 - 7.25	•	7.75 - 8.25	•
	SEATTLE	4.25 - 4.75	4.75 - 5.25		6.00 - 7.00	<>	5.50 - 6.00	▼	6.50 - 7.50	▼	6.50 - 7.00	▼	7.50 - 9.00	▼

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT – N/A

**CBRE** 

#### OFFICE CBD | UNITED STATES KEY RATES CONT.

		CLASS AA	CLASS A				CLASS B				CLASS C			
		CAP RATES FOR STABILIZED PROPERTIES (%)	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ALBUQUERQUE	8.00 - 8.50	8.00 - 9.00	<b>4</b>	8.75 - 9.50	▼	8.75 - 9.50	<b></b>	9.25 - 10.25	•	9.75 - 11.50		10.50 - 13.00	<b>A</b>
	AUSTIN	4.75 - 5.25	5.25 - 6.25		7.00 - 8.00		5.75 - 6.75		7.50 - 8.50		6.25 - 7.25	▼	8.50 - 9.50	
	BALTIMORE	6.75 - 7.25	7.00 - 8.25	<b>A</b>	8.00 - 9.25		8.25 - 8.75		9.00 - 9.50		9.75 - 10.00		9.50 - 9.75	-
	CHARLOTTE	5.75 - 6.25	6.00 - 6.50		8.00 - 8.75	▼	6.50 - 7.50		8.75 - 9.25	▼	8.00 - 8.50		10.00 - 10.50	
	CINCINNATI	_	8.50 - 9.00		9.00 - 9.50	<b>A</b>	9.00 - 9.50		9.50 - 10.00		9.50 - 10.50		10.00 - 11.00	
	CLEVELAND	7.50 - 8.00	8.00 - 9.00	▼	9.00 - 10.00		9.00 - 10.00		10.00 - 11.00	▼	10.00 - 12.00		11.00 - 13.00	
	COLUMBUS	_	7.50 - 8.50		8.00 - 9.75		8.50 - 9.50		9.75 - 10.75		10.00 - 11.50		11.00 - 12.00	
	DETROIT	_	8.50 - 9.25		8.75 - 9.50	▼	9.25 - 10.00	▼	9.50 - 10.50	▼	11.75 - 12.50	▼	12.25 - 13.00	▼
	INDIANAPOLIS	_	7.50 - 8.50		8.50 - 10.00		8.50 - 9.25		9.50 - 11.00		10.00 - 12.00		10.50 - 11.00	
	JACKSONVILLE	7.50 - 8.00	7.50 - 8.00	•	10.00 - 10.50	<b>A</b>	8.50 - 9.00	•	10.50 - 11.50	▼	9.50 - 10.00	▼	10.50 - 13.00	▼
	KANSAS CITY	7.50 - 8.00	8.00 - 8.50	•	8.25 - 8.75	<b>A</b>	9.00 - 10.00	▼	9.50 - 10.50		11.00 - 12.00		11.00 - 12.00	
Ξ	LAS VEGAS	7.00 - 7.25	7.50 - 8.00		8.00 - 9.00		7.50 - 8.00		9.00 - 10.00		8.50 - 10.00		10.00 - 12.00	
ä	MEMPHIS	8.50 - 9.00	8.75 - 9.25	<b>A</b>	9.50 - 10.00		9.50 - 10.00		11.00 - 11.50		11.00 - 11.50		12.00 - 12.50	•
E	NASHVILLE	6.25 - 6.50	6.25 - 6.75		6.25 - 6.50	<b>A</b>	7.50 - 8.00	•	8.25 - 8.75		8.50 - 9.50		7.75 - 8.50	
	OKLAHOMA CITY	_	6.50 - 7.50	_	7.00 - 8.00	_	7.50 - 9.50	_	8.00 - 9.00	-	9.50 - 11.00	_	10.00 - 11.00	-
	ORLANDO	5.50 - 6.00	5.50 - 6.50		6.50 - 7.00		7.00 - 8.00		8.00 - 9.00		8.50 - 9.00		8.75 - 9.25	
	PITTSBURGH	7.00 - 7.50	7.50 - 7.75	<b>A</b>	8.50 - 9.50	•	8.50 - 8.75	•	10.00 - 12.00		10.00 - 12.00	•	12.00 - 14.00	<b>A</b>
	PORTLAND	6.00 - 6.25	6.50 - 6.75		7.00 - 7.25	▼	7.50		7.75 - 8.00	▼	8.50		9.00	▼
	RALEIGH	6.25 - 6.75	6.50 - 7.00		8.75 - 9.75		7.50 - 8.50		10.00 - 11.00		8.00 - 9.00		11.00 - 13.00	
	RICHMOND	_	6.25 - 7.75	_	7.00 - 8.50	_	7.50 - 9.00	—	8.50 - 10.25	-	8.75 - 10.25	_	9.50 - 11.00	-
	SACRAMENTO	6.00 - 6.50	6.50 - 7.00		7.25 - 8.00		7.00 - 8.00	•	8.00 - 9.00		8.00 - 9.00		9.00 - 10.00	•
	SALT LAKE CITY	5.75 - 6.00	6.00 - 6.75		6.25 - 7.00		7.00 - 7.75	▼	7.25 - 8.00		8.50 - 10.00		8.50 - 10.00	
	SAN ANTONIO	_	6.50 - 7.50		8.00 - 9.00		8.00 - 8.75		9.25 - 10.25		9.00 - 10.00		9.75 - 10.75	
	ST. LOUIS	_	8.25 - 8.75	•	8.50 - 9.00		9.00 - 9.50	•	8.75 - 9.25		9.75 - 10.25		10.25 - 11.00	
	TAMPA	_	6.50 - 7.00	•	7.00 - 7.50		7.25 - 7.75	•	7.75 - 8.25	•	8.00 - 8.50		8.50 - 9.00	•

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT – N/A

## **OFFICE CBD** | CANADA KEY RATES

TIER I	CLASS	S AA	CLAS	S A	CLASS B		
	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	
TORONTO	4.50 - 5.00	▼	5.00 - 5.50	▼	5.75 - 6.25	•	

TIER	I	CLASS	AA	CLASS	5 A	CLASS B	
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
	CALGARY	5.00 - 5.50	<b>4</b>	6.00 - 6.25	<b>A</b>	7.25 - 7.75	<b>A</b>
	EDMONTON	5.50 - 6.00	<►	6.25 - 6.75	•	7.25 - 7.75	•
	MONTREAL	5.00 - 5.50	•	5.50 - 6.25	•	6.25 - 7.00	▼
	VANCOUVER	4.25 - 4.75	•	4.50 - 5.00	▼	4.50 - 5.00	▼

TIER	III	CLASS	λA	CLASS	5 A	CLASS	S B
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
	HALIFAX	_	—	6.00 - 6.50		7.25 - 7.75	•
	KITCHENER - WATERLOO	_	_	6.00 - 7.00	▼	6.50 - 7.25	▼
	LONDON - WINDSOR	_	_	6.50 - 7.50	▼	7.50 - 8.00	•
	OTTAWA	5.00 - 5.75	•	5.25 - 6.00	▼	6.25 - 6.75	▼
	WINNIPEG	_	_	5.50 - 6.00	•	6.50 - 7.00	•

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT - N/A



## **OFFICE CBD** | UNITED STATES FORECAST TRENDS

		CLASS AA	CLASS A		CLA	ASS B	CLA	SS C
		CAP RATES FOR STABILIZED PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES
	BOSTON						—	-
	CHICAGO							
	n. ca: san francisco							
_	n. ca: san jose							
TIER	NY: NEW YORK CITY						_	_
	NY: STAMFORD	_						
	S. CA: LOS ANGELES							
	S. CA: ORANGE COUNTY							
	WASHINGTON, D.C.							

	CLASS AA	CLA	ASS A	CLA	ASS B	CLASS C		
	CAP RATES FOR STABILIZED PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
ATLANTA								
DALLAS/FORT WORTH								
DENVER								
HOUSTON								
MIAMI/S. FLORIDA	_							
MINNEAPOLIS								
PHILADELPHIA								
PHOENIX								
SAN DIEGO								
SEATTLE								

INCREASE DECREASE REMAIN FLAT - N/A

\*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015. Source: CBRE Research.

## OFFICE CBD | UNITED STATES FORECAST TRENDS CONT.

		CLASS AA	CLA	ASS A	CLA	ASS B	CLASS C		
		CAP RATES FOR STABILIZED PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
	ALBUQUERQUE	_							
	AUSTIN								
	BALTIMORE								
	CHARLOTTE								
	CINCINNATI	_							
	CLEVELAND								
	COLUMBUS								
	DETROIT	_							
	INDIANAPOLIS	_							
	JACKSONVILLE								
	KANSAS CITY								
	LAS VEGAS								
TIER III	MEMPHIS								
F	NASHVILLE								
	OKLAHOMA CITY	_							
	ORLANDO	_							
	PITTSBURGH								
	PORTLAND								
	RALEIGH								
	RICHMOND	_							
	SACRAMENTO								
	SALT LAKE CITY								
	SAN ANTONIO	_							
	ST. LOUIS								
	TAMPA	_							

INCREASE DECREASE REMAIN FLAT - N/A

\*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015. Source: CBRE Research.

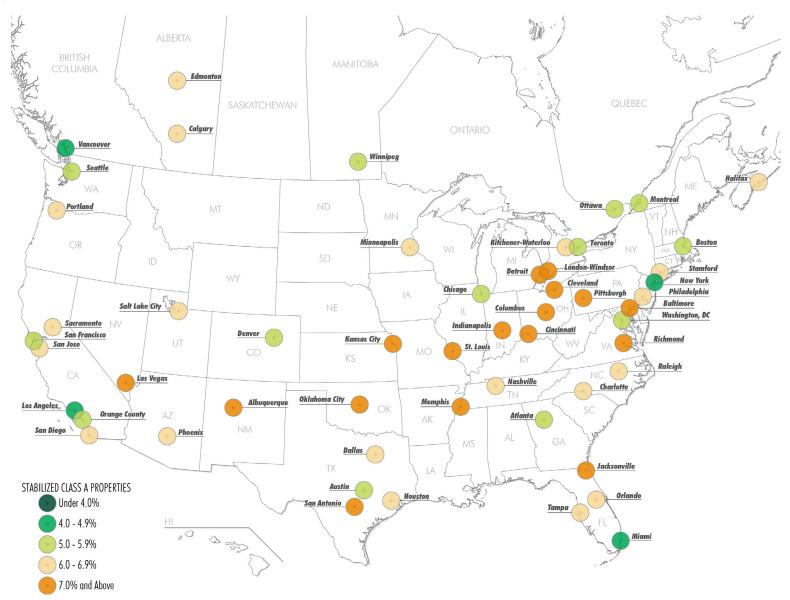


## **OFFICE CBD** | CLASS AA CAP RATES



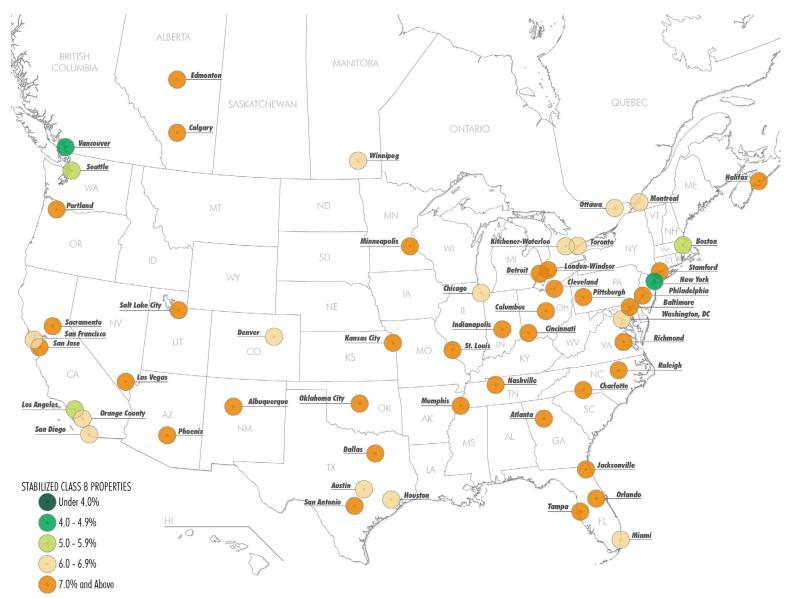


**OFFICE CBD** | CLASS A CAP RATES





**OFFICE CBD** | CLASS B CAP RATES



#### **OFFICE SUBURBAN** | UNITED STATES KEY RATES

		CLASS AA		CLA	SS A			CLA	ASS B			CLA	SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	BOSTON	5.50 - 6.00	5.75 - 6.50	<b>-</b>	7.00 - 8.00	< <b>&gt;</b>	6.75 - 8.00	•	8.50 - 10.00	<b>4</b>	_	_	_	-
	CHICAGO	7.00 - 7.25	7.25 - 8.00	<b>4</b>	8.50 - 10.00	▼	8.00 - 9.50	▼	10.00 - 12.00	<b>4</b>	8.75 - 9.75	▼	10.00 - 11.00	▼
	n. ca: san francisco	5.50 - 6.25	6.00 - 6.50		6.50 - 7.50		6.50 - 7.50		7.50 - 8.50		8.00 - 9.00		9.00 - 10.00	
_	n. ca: san jose	5.00 - 5.50	5.75 - 6.50	<b>4</b>	6.50 - 7.25	▼	6.25 - 7.25	▼	7.25 - 8.25	▼	7.50 - 9.00		9.00 - 10.00	
ER	NY: N. NEW JERSEY	6.25 - 6.75	6.50 - 7.00		7.50 - 8.00		7.75 - 8.25	•	8.75 - 9.25	•	9.00 - 9.50		10.50 - 11.00	<b>•</b>
	NY: STAMFORD	_	7.50 - 8.00	<b>4</b>	9.50 - 10.00	<b>4</b>	8.25 - 8.75	•	10.50 - 11.00	<b>A</b>	9.25 - 9.75	•	12.00 - 12.50	<b>4</b>
	S. CA: LOS ANGELES	5.00 - 5.50	5.00 - 6.00	•	6.00 - 7.00	▼	6.00 - 6.50	▼	7.00 - 8.00	▼	7.50 - 8.00		8.50 - 9.00	
	S. CA: ORANGE COUNTY	5.00 - 5.75	5.25 - 6.00		5.75 - 6.25		6.00 - 7.00		6.25 - 7.00	<b>4</b>	7.25 - 8.25		7.50 - 8.50	<b>4</b>
	WASHINGTON, D.C.	5.25 - 5.50	5.50 - 6.50		6.50 - 7.75	—	6.25 - 7.50		7.00 - 9.50	_	8.50 - 9.00	_	9.00 - 10.00	_

		CLASS AA		CLA	SS A		CLASS B					CLA	.SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	T DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ATLANTA	5.75 - 6.25	6.25 - 7.25		6.75 - 7.50	•	7.25 - 8.25	•	7.75 - 9.25		8.25 - 10.00		8.75 - 11.75	
	DALLAS/FORT WORTH	5.75 - 6.50	6.25 - 7.25		7.50 - 8.00		7.25 - 8.25		8.75 - 9.75	▼	9.00 - 11.00		10.75 - 11.50	
	DENVER	5.50 - 6.50	6.25 - 7.00	<b>A</b>	7.00 - 8.00		6.75 - 7.75	<b></b>	7.50 - 8.50	•	8.00 - 9.00		8.75 - 9.75	•
	HOUSTON	5.50 - 6.00	6.00 - 6.50	•	7.75 - 8.25		7.25 - 8.25		8.75 - 9.25	•	8.75 - 9.75		10.00 - 12.00	<b>4</b>
=	MIAMI/S. FLORIDA	_	5.25 - 6.25	▼	6.50 - 7.25	•	6.25 - 7.00	•	7.50 - 8.00	▼	7.50 - 8.50		9.00 - 10.00	•
E	MINNEAPOLIS	_	6.50 - 7.50		8.50 - 9.50	<b></b>	8.00 - 9.00	<b></b>	9.50 - 10.50	▼	10.00 - 11.00		12.00 - 13.00	<b>4</b>
	PHILADELPHIA	6.00 - 6.50	7.00 - 7.50		8.00 - 8.50		8.00 - 8.50		9.00 - 10.00		9.25 - 10.00		11.00 - 12.00	
	PHOENIX	5.75 - 6.25	6.25 - 6.75		6.50 - 7.00		6.75 - 7.50	•	7.25 - 8.25	▼	9.00 - 10.00		11.00 - 12.00	<b>4</b>
	SAN DIEGO	5.00 - 5.50	5.50 - 6.00	▼	6.00 - 6.50	•	6.50 - 7.00	▼	6.75 - 7.25	▼	7.00 - 7.50	▼	7.75 - 8.25	▼
	SEATTLE	5.25 - 5.75	5.50 - 6.00		6.50 - 7.50	▼	6.25 - 6.75	•	7.00 - 8.00	▼	7.00 - 8.00	▼	7.50 - 8.50	•

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT – N/A

### OFFICE SUBURBAN | UNITED STATES KEY RATES CONT.

		CLASS AA		CLAS	SS A		CLASS B					CLAS	SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ALBUQUERQUE	7.25 - 8.00	7.25 - 8.50	▼	8.75 - 9.50	▼	8.50 - 9.25	<b></b>	9.50 - 10.50	•	9.50 - 11.00	< <b>&gt;</b>	10.00 - 12.00	▼
	AUSTIN	5.75 - 6.75	6.25 - 7.25	<b>A</b>	8.00 - 9.00		6.75 - 7.75		8.25 - 9.00		7.75 - 8.75	▼	9.25 - 10.00	
	BALTIMORE	6.25 - 6.75	6.50 - 7.25	▼	8.50 - 9.00	▼	8.00 - 9.00		8.50 - 9.50	▼	9.75 - 10.00		9.50 - 9.75	_
	CHARLOTTE	_	6.50 - 7.00	•	8.50 - 9.50	4	7.25 - 8.25		9.00 - 10.00	▼	8.50 - 9.00		10.00 - 10.50	<b>4</b>
	CINCINNATI	_	8.50 - 9.00		9.50 - 10.00	< <b>&gt;</b>	9.00 - 9.50		10.00 - 10.50	•	10.00 - 11.00	<b>A</b>	11.00 - 12.00	<b>4</b>
	CLEVELAND	_	7.75 - 8.25	▼	8.75 - 9.25		8.25 - 9.50	▼	9.75 - 10.75	▼	9.50 - 11.00		11.00 - 12.00	▼
	COLUMBUS	_	7.00 - 8.00		8.50 - 9.50		8.50 - 10.00		9.25 - 9.75	•	10.50 - 11.00		11.50 - 12.50	<b>4</b>
	DETROIT	_	7.75 - 9.00	▼	8.50 - 9.25		8.50 - 9.50	<►	9.25 - 9.75	▼	10.00 - 12.00	<b>4</b>	11.00 - 13.00	<b>4</b>
	INDIANAPOLIS	_	8.00 - 9.00		9.50 - 10.50		9.00 - 10.00		10.00 - 12.00		10.00 - 12.00		12.00 - 13.00	
	JACKSONVILLE	_	7.50 - 8.00		10.00 - 10.50	< <b>&gt;</b>	8.50 - 9.00	•	10.50 - 11.50	•	9.50 - 10.00	▼	10.50 - 13.00	▼
	KANSAS CITY	6.50 - 7.00	7.00 - 7.50		7.25 - 7.75	< <b>&gt;</b>	8.00 - 9.00		8.75 - 9.75		9.50 - 10.50	▼	10.00 - 12.00	
≡	LAS VEGAS	7.00 - 7.25	7.50 - 8.00	<►	7.50 - 8.00	<b>4</b>	7.50 - 8.00		8.50 - 9.00		8.50 - 10.00	<b>A</b>	10.00 - 12.00	<b>4</b>
TIER	MEMPHIS	7.00 - 7.50	7.25 - 7.75	•	8.50 - 9.00		8.50 - 9.00	•	10.00 - 10.50	•	9.50 - 10.00	<b>A</b>	11.50 - 12.00	<b>•</b>
	NASHVILLE	6.25 - 6.50	6.50 - 6.75	<►	7.50 - 8.00		7.25 - 7.75	•	8.00 - 8.50		8.25 - 9.25	▼	7.75 - 8.25	<b>4</b>
	OKLAHOMA CITY	_	7.00 - 8.00	_	8.00 - 9.00	_	8.00 - 9.50	_	9.00 - 10.00	-	9.50 - 11.00	_	10.00 - 11.00	-
	ORLANDO	6.00 - 7.00	7.00 - 7.50		7.50 - 8.00	<b>4</b>	7.50 - 8.00		8.00 - 8.50	•	8.00 - 8.50	<b>4</b>	8.50 - 9.00	<b>4</b>
	PITTSBURGH	7.00 - 8.00	7.75 - 8.50		9.00 - 10.00		8.50 - 9.00	•	10.00 - 12.00	<b>A</b>	11.00 - 12.00	<b>A</b>	11.00 - 12.00	<b>•</b>
	PORTLAND	7.00 - 7.50	7.50 - 7.75		7.50 - 8.25	▼	8.00 - 8.50		8.50 - 9.00	▼	8.75 - 9.00	▼	9.25 -10.00	▼
	RICHMOND	_	6.75 - 8.25	_	8.00 - 9.50	_	7.75 - 9.00	_	8.75 - 10.25	-	8.50 - 10.50	_	9.50 - 12.00	-
	SACRAMENTO	6.75 - 7.25	7.00 - 8.00		7.75 - 8.75	< <b>&gt;</b>	8.00 - 9.00		8.75 - 9.75	•	9.00 - 10.00	<b>A</b>	9.75 - 11.00	<b>4</b>
	SALT LAKE CITY	5.75 - 6.00	6.00 - 6.75	▼	6.25 - 7.00		7.00 - 7.75		7.50 - 8.25		8.50 - 10.00		8.50 - 10.00	
	SAN ANTONIO	_	6.75 - 7.75		8.25 - 9.25		8.00 - 8.75		9.75 - 10.75		9.25 - 10.25		9.75 - 10.75	
	ST. LOUIS	_	8.00 - 8.50		8.50 - 9.00		8.00 - 8.50		9.00 - 10.00	▼	9.50 - 10.00		11.00 - 12.00	•
	TAMPA	_	7.00 - 7.50	•	7.50 - 8.00		7.75 - 8.25	•	8.00 - 8.50	•	8.50 - 9.00		9.00 - 9.50	<►

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A



### **OFFICE SUBURBAN** | CANADA KEY RATES

TIER I	CLASS	5 A	CLASS	5 B
	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
TORONTO	5.75 - 6.50	•	7.00 - 7.50	•

TIER II		CLASS	A	CLASS B	
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
	CALGARY	6.00 - 6.50		7.00 - 7.50	<b>A</b>
	EDMONTON	6.75 - 7.25	•	7.25 - 7.75	•
	MONTREAL	6.00 - 6.75		7.00 - 7.75	▼
	VANCOUVER	5.75 - 6.25	4	6.00 - 6.50	4

TIER III CLASS A CLASS B CAP RATES CAP RATES FOR STABILIZED PROPERTIES (%) FOR STABILIZED PROPERTIES (%) DIRECTION\* DIRECTION\* HALIFAX 6.50 - 7.25 7.25 - 7.75 ▼ **KITCHENER - WATERLOO** 6.50 - 7.00 7.00 - 7.50 LONDON - WINDSOR 7.50 - 8.00 <► 8.00 - 8.50 OTTAWA 6.25 - 7.00 7.25 - 7.50  $\blacklozenge \!\!\! \bullet$ WINNIPEG 6.50 - 7.00 7.00 - 7.50 

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A



## **OFFICE SUBURBAN** | UNITED STATES FORECAST TRENDS

		CLASS AA	CLASS A		CLA	ASS B	CLASS C		
		CAP RATES FOR STABILIZED PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
	BOSTON						—	-	
	CHICAGO								
	N. CA: SAN FRANCISCO								
_	N. CA: SAN JOSE								
TIER	NY: N. NEW JERSEY								
	NY: STAMFORD	-							
	S. CA: LOS ANGELES								
	S. CA: ORANGE COUNTY								
	WASHINGTON, D.C.								

	CLASS AA	CLA	ASS A	CLA	ASS B	CLASS C		
	CAP RATES FOR STABILIZED PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COS FOR VALUE-ADD PROPERTIES	
ATLANTA								
DALLAS/FORT WORTH								
DENVER								
HOUSTON								
MIAMI/S. FLORIDA								
MINNEAPOLIS								
PHILADELPHIA								
PHOENIX								
SAN DIEGO								
SEATTLE								

\*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015. Source: CBRE Research.



## **OFFICE SUBURBAN** | UNITED STATES FORECAST TRENDS CONT.

		CLASS AA	CLA	ASS A	CLA	ASS B	CLASS C		
		CAP RATES FOR STABILIZED PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
	ALBUQUERQUE	_							
	AUSTIN								
	BALTIMORE								
	CHARLOTTE								
	CINCINNATI	_							
	CLEVELAND								
	COLUMBUS								
	DETROIT	_							
	INDIANAPOLIS	_							
	JACKSONVILLE								
	KANSAS CITY								
Ξ	LAS VEGAS								
TIER III	MEMPHIS								
	NASHVILLE								
	OKLAHOMA CITY	_							
	ORLANDO	—							
	PITTSBURGH								
	PORTLAND								
	RICHMOND	_							
	SACRAMENTO								
	SALT LAKE CITY								
	SAN ANTONIO	_							
	ST. LOUIS								
	TAMPA	_							

INCREASE DECREASE REMAIN FLAT - N/A

\*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015. Source: CBRE Research.

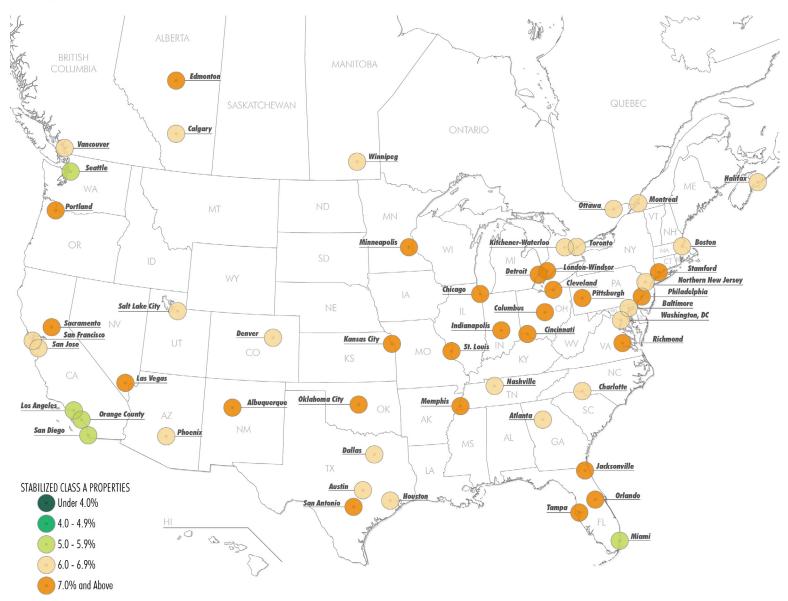


## **OFFICE SUBURBAN** | CLASS AA CAP RATES

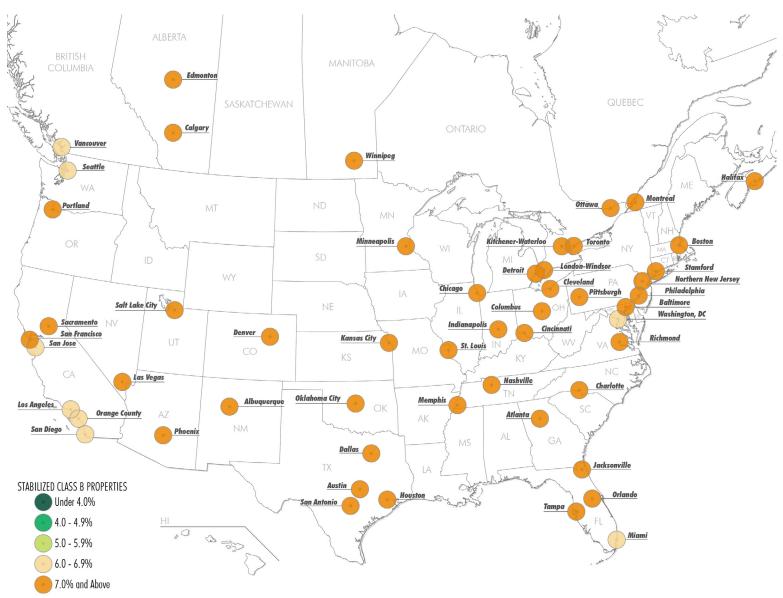


# 🔇 🛄 OVERVIEW 🏦 OFFICE 📟 INDUSTRIAL 🐨 RETAIL 🏠 MULTIFAMILY 📥 HOTEL 🖾 APPENDIX 📀

## **OFFICE SUBURBAN** | CLASS A CAP RATES



## **OFFICE SUBURBAN** | CLASS B CAP RATES



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#### INDUSTRIAL | UNITED STATES OVERVIEW

Transaction activity in the U.S. industrial sector reached \$37.0 billion in first half of 2015—an impressive gain of 70% over the prior year. The year-to-date total includes entity-level acquisitions the most notable of which was the \$8.1 billion acquisition of IndCor by Global Logistic Properties and GIC, both out of Singapore.

At the current pace, 2015 industrial asset acquisitions will exceed the prior peak set in 2007 for the first time since the recession. CBRE Research expects the full-year 2015 total (including entity-level sales) to reflect a 40% or greater increase over 2014.

Cross-border investment into the U.S. industrial sector continues to rise. Historically, international capital coming into the U.S. for direct acquisitions or acquisitions through joint ventures (JV) has favored other asset classes; however this year, the industrial sector has been receiving far more international attention.

Year-to-date through June, cross-border industrial investment totaled \$15.1 billion including the IndCor acquisition. This total also includes the June acquisition of KTR Capital by a JV composed of Prologis and Norway's Norges Bank for a reported \$5.9 billion. Cross-border industrial investment in 2015 has already exceeded the full-year \$1.6 billion total reached in 2014.

Excluding entity-level purchases, the largest country sources of capital for industrial properties year-to-date have been the United Arab Emirates and Canada. Additionally, Global Logistic Properties is set to make another major industrial portfolio acquisition this year; the Singapore-based investor is buying an estimated 58 million sq. ft. of industrial space from Industrial Income Trust. The \$4.55 billion transaction is expected to close in Q4 2015 at a 5.6% cap rate.

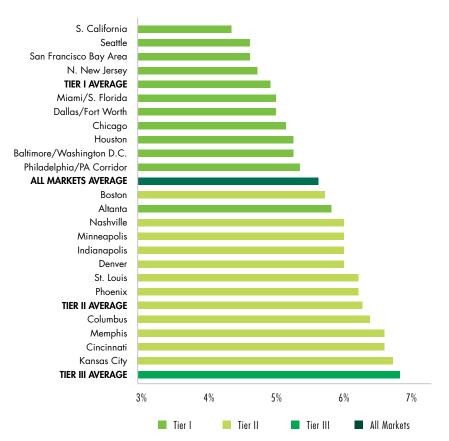
METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
	А	5.83	5.65	-19
ALL	В	6.84	6.67	-16
	С	8.16	8.06	-10
	А	5.14	4.96	-18
I	В	6.20	5.94	-26
	С	7.50	7.42	-8
	А	6.47	6.16	-32
II	В	7.42	7.46	4
	С	9.00	8.73	-28
	А	6.84	6.73	-11
III	В	7.74	7.58	-16
	С	8.90	8.87	-3

FIGURE 14. INDUSTRIAL - CAP RATES FOR STABILIZED PROPERTIES

The Real Capital Analytics (RCA) database divides industrial space into two basic types: warehouse and flex; the latter category most closely represents "light industrial" (although some "light industrial" assets fall into RCA's warehouse category). The warehouse sector captured 80% of the year-to-date 2015 transaction total as well as the largest increase (84%), despite the fact that "light industrial" appears to have more market upside at this point in the real estate cycle. Perhaps the greater pricing volatility of light industrial product and limited attractive opportunities have curtailed investment (relative to warehouse). Additionally, the investment landscape includes more portfolio sales than in recent years, and these are typically warehouse assets.

#### INDUSTRIAL | UNITED STATES OVERVIEW CONT.

#### FIGURE 15. INDUSTRIAL - CLASS A CAP RATES, H1 2015 - TIER I & II METROS

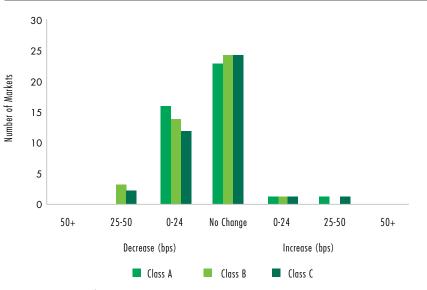


Source: CBRE Research

The H1 2015 Cap Rate Survey concluded that, on average, industrial cap rates declined very modestly for acquisitions of stabilized assets. Class A cap rates dropped 19 bps to 5.65% on average, Class B edged down 16 bps to 6.67% and Class C declined slightly to 8.06%.

Class A cap rates in Tier I markets declined 18 bps to 4.96%. Tier II markets had an average cap rate of more than 100 bps higher at 6.16%, down 32 bps from the prior survey. Class A cap rates in Tier III markets dropped marginally to 6.73%. (See page 5 for more discussion on tier selection methodology and page 33 for Key Rate tables for metros in each tier.)

## FIGURE 16. INDUSTRIAL - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Source: CBRE Research



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APPENDIX

#### INDUSTRIAL | UNITED STATES OVERVIEW CONT.

Of the 43 markets tracked, 15 have cap rates lower than 6% for stabilized Class A properties. Southern California has the lowest cap rates in the low 4% range, followed by the San Francisco Bay Area, Seattle and Northern New Jersey, which are all below 5%.

**OFFICE** 

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**MULTIFAMILY** 

Expected returns on cost for acquisitions of value-add assets, however, on average, moved up in H1 2015 compared to H2 2014: 8 bps for Class A, 4 bps for Class B and 57 bps for Class C. Expected returns on cost fell in Class A and Class B product in both Tier I and Tier II markets.

The spread between cap rates for stabilized properties and the expected return on cost for value-add acquisitions averaged 78 bps for Class A assets, 86 bps for Class B, and 149 bps for Class C.

Over H2 2015, CBRE Capital Markets and Valuation professionals expect cap rates to fall modestly in more than one third of the markets surveyed (38%), a larger figure than most other property types, yet much lower than that found in the last survey. The larger declines—more than 25 bps—are expected in Class B and Class C stabilized properties in Philadelphia and St. Louis. Over half (58%) of the markets surveyed are expected to experience no change in stabilized cap rates. Cap rates are expected to rise in only a couple of markets.

A HOTEL

Select from the list below to access the current **key rates**, **forecasts** and **maps**.

**INDUSTRIAL** 



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#### **INDUSTRIAL** | UNITED STATES KEY RATES

			CLA	SS A			CLA	SS B			CLAS	SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ATLANTA	5.75 - 6.00		6.00 - 6.25	•	6.25 - 6.75	▼	7.25 - 7.75	▼	8.25 - 9.00	▼	9.25 - 10.75	•
	BALTIMORE/WASHINGTON, D.C.	5.00 - 5.50	▼	6.00 - 6.75	▼	5.75 - 6.50	▼	6.75 - 7.50	<b>.</b>	7.00 - 7.75		8.50 - 9.50	
	CHICAGO	5.00 - 5.25		6.00 - 7.00	▼	6.50 - 7.00	▼	7.50 - 8.50		8.00 - 8.50	▼	8.50 - 11.00	•
	DALLAS/FORT WORTH	4.75 - 5.25	▼	5.25 - 6.00	▼	5.75 - 6.25	▼	6.25 - 7.25	▼	7.00 - 8.25		8.00 - 11.00	
_	HOUSTON	5.00 - 5.50	▼	5.25 - 6.00	▼	5.75 - 6.25	▼	6.25 - 7.25	▼	7.50 - 8.50	▼	8.50 - 10.00	
ER	MIAMI/S. FLORIDA	4.75 - 5.25	•	5.75 - 6.75		5.75 - 6.50	<b>4</b>	6.50 - 7.50	<b>.</b>	7.00 - 8.50		7.50 - 9.00	<b>•</b>
F	N. NEW JERSEY	4.50 - 5.00	▼	5.25 - 5.75	▼	5.25 - 5.75	▼	6.25 - 6.75	▼	7.00 - 8.00	<b>.</b>	9.00 - 10.00	
	PHILADELPHIA/PA CORRIDOR	5.00 - 5.75	•	5.75 - 6.25	▼	6.00 - 6.50	▼	6.75 - 7.25	▼	7.25 - 8.00	▼	8.50 - 10.00	▼
	SAN FRANCISCO BAY AREA <sup>1</sup>	4.25 - 5.00	▼	4.75 - 5.50	▼	5.00 - 5.75	▼	5.25 - 6.25	▼	6.00 - 6.75	▼	7.00 - 9.75	
	SEATTLE	4.25 - 5.00	▼	5.25 - 6.50	▼	5.25 - 5.75	▼	6.50 - 7.00	<b>.</b>	6.00 - 7.00		7.50 - 8.50	
	S. CALIFORNIA <sup>2</sup>	4.25 - 4.75	▼	4.75 - 5.25	▼	4.75 - 5.75	▼	5.25 - 6.00	▼	6.00 - 7.00	<b>A</b>	7.00 - 9.00	

<sup>1</sup>Includes San Francisco, San Jose, Oakland. <sup>2</sup>Includes Inland Empire, Los Angeles and Orange County.

		CLASS A			CLASS B			CLASS C					
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	BOSTON	5.50 - 6.00	▼	6.75 - 7.25	▼	7.50 - 8.50	▼	8.50 - 9.50		8.50 - 10.00	<b>A</b>	9.00 - 10.00	•
	CINCINNATI	6.25 - 6.75	<b>A</b>	7.00 - 7.50	▼	7.25 - 7.75	<b>A</b>	8.50 - 9.50		8.50 - 9.00	▼	10.00	
	COLUMBUS	6.00 - 6.50	▼	7.00 - 7.50	▼	7.25 - 7.75	<b>A</b>	8.50 - 9.25	▼	8.50 - 9.00	▼	10.00 - 12.00	•
	DENVER	5.50 - 6.50	<b>4</b>	6.00 - 7.00	▼	6.50 - 7.50		7.00 - 8.00	▼	7.50 - 8.00	<b>4</b>	9.00 - 11.00	
=	INDIANAPOLIS	5.75 - 6.25	< <b>&gt;</b>	6.50 - 7.50		7.25 - 7.75	<b>4</b>	8.50 - 9.50		8.50 - 9.00	<b>4</b>	8.00 - 12.00	<b>A</b>
Ĕ	KANSAS CITY	6.50 - 6.75	< <b>&gt;</b>	7.25 - 7.75	▼	7.25 - 7.75	<b>4</b>	8.25 - 9.00	▼	8.50 - 9.00	▼	10.00 - 12.00	
F	MEMPHIS	6.25 - 6.75	▼	7.00 - 7.50	▼	7.25 - 7.75	▼	8.00 - 8.50	▼	9.00 - 9.50	< <b>&gt;</b>	10.00 - 11.00	
	MINNEAPOLIS	5.75 - 6.25	▼	6.75 - 7.50		7.25 - 7.75	<b>4</b>	8.00 - 8.50	•	8.50 - 9.50	▼	10.00 - 11.00	
	NASHVILLE	5.75 - 6.25	▼	7.00 - 7.50	▼	6.75 - 7.50	▼	8.00 - 8.50	▼	8.50 - 9.00	_	10.00 - 11.00	_
	PHOENIX	5.75 - 6.50	▼	6.50 - 7.00	▼	6.50 - 7.50		7.50 - 8.25		7.50 - 8.50		8.50 - 11.00	
	ST. LOUIS	5.75 - 6.50	▼	6.75 - 7.25	_	7.25 - 7.75		7.50 - 8.50	_	8.50 - 9.00	▼	9.00 - 12.00	-

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A



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#### **INDUSTRIAL** | UNITED STATES KEY RATES CONT.

		CLASS A			CLASS B			CLASS C					
		CAP RATES FOR STABILIZED PROPERTIES (%)		EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	AUSTIN	5.75 - 6.25	•	6.25 - 7.25	▼	6.50 - 7.50	•	7.00 - 8.00	•	7.50 - 8.50	▼	8.50 - 9.50	<b>A</b>
	ALBUQUERQUE	7.75 - 8.25	<b>4</b>	8.50 - 9.00		8.00 - 9.00		9.00 - 9.50	<b>•</b>	9.00 - 10.00	< <b>&gt;</b>	10.00 - 11.00	
	CHARLOTTE	6.00 - 6.50		7.00 - 8.00		7.25 - 8.25		7.75 - 8.50		8.25 - 9.50		9.00 - 10.00	
	CLEVELAND	7.00 - 7.50		7.50 - 8.00	_	7.50 - 8.25	▼	8.50 - 9.50	_	8.50 - 9.50	▼	9.50 - 10.50	_
	DETROIT	7.25 - 8.00		7.50 - 8.50		8.00 - 9.00		9.00 - 10.00	<b>A</b>	9.25 - 10.75		10.00 - 12.00	•
	EL PASO	6.75 - 7.50		8.50 - 9.00	•	7.75 - 8.75	•	9.50 - 10.00	<b>.</b>	9.50 - 10.00	< <b>&gt;</b>	11.50 - 12.00	•
	HONOLULU	5.00 - 5.50		6.00 - 7.00	_	6.00 - 6.50		6.75 - 7.50	_	7.50 - 8.00		8.00 - 11.00	_
	JACKSONVILLE	6.50 - 7.00	▼	7.00 - 7.50	▼	7.25 - 7.75	▼	8.25 - 9.00	•	9.00 - 9.50	4	10.00 - 12.00	
	LAS VEGAS	5.75 - 6.25	▼	6.00 - 7.00	▼	6.25 - 6.75	▼	6.75 - 7.50	▼	6.75 - 7.50	▼	8.00 - 11.00	
Ξ	OKLAHOMA CITY	7.00 - 7.50	▼	7.50 - 8.50	▼	7.50 - 8.50	▼	9.00 - 10.00		9.00 - 10.00	< <b>&gt;</b>	10.00 - 12.00	
TIER	ORLANDO	6.00 - 6.25	<b>4</b>	6.50 - 7.00	•	6.75 - 7.25	•	7.50 - 8.00	•	8.50 - 9.00		9.00 - 10.00	
F	PITTSBURGH	7.25 - 8.00	▼	8.00 - 9.00	•	8.50 - 9.50	•	9.00 - 10.00	•	9.50 - 10.00	▼	10.50 - 12.00	
	PORTLAND	5.50 - 5.75	▼	6.25 - 6.75	▼	6.25 - 6.75	▼	7.25 - 8.25		7.25 - 8.25		8.25 - 11.00	
	RALEIGH	6.25 - 7.00	▼	7.50 - 8.00	▼	7.25 - 8.25	▼	7.75 - 8.75	▼	8.50 - 9.50	▼	9.00 - 10.50	▼
	RICHMOND	6.25 - 7.25	_	6.75 - 7.50	_	6.75 - 8.25	_	7.50 - 9.00	_	7.50 - 9.50	_	9.00 - 12.00	_
	SACRAMENTO	6.50 - 7.00	<b>.</b>	7.00 - 7.75	▼	7.00 - 7.75	▼	8.00 - 9.00	•	8.00 - 8.75	▼	9.00 - 12.00	
	SALT LAKE CITY	5.75 - 6.25	•	6.00 - 6.75		6.50 - 7.25		7.50 - 8.00		8.00 - 9.00		9.00 - 12.00	
	SAN ANTONIO	6.00 - 7.00	▼	6.75 - 7.25	•	7.25 - 8.00	•	7.75 - 8.50		8.50 - 9.50		9.00 - 12.00	
	SAN DIEGO	5.50 - 6.00		6.00 - 6.50	•	6.00 - 6.50	<b></b>	6.25 - 6.75	•	7.00 - 7.50		8.00 - 11.00	
	STAMFORD	5.75 - 6.25	▼	7.50 - 8.00	▼	6.50 - 7.00	▼	8.50 - 9.00	•	8.00 - 8.50	▼	9.25 - 10.00	▼
	TAMPA	6.25 - 6.75	▼	6.75 - 7.25	▼	7.00 - 7.50	▼	8.00 - 8.50	▼	8.50 - 9.50	<b>4</b>	9.00 - 11.00	

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A

3	OFFICE	INDUSTRIAL	TH RETAIL	☆ MULTIFAMILY	A HOTEL	APPENDIX	$\mathbf{\mathfrak{O}}$

#### INDUSTRIAL | CANADA KEY RATES

TIER I	CLASS	5 A	CLASS B		
	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	
TORONTO	5.00 - 5.50	▼	6.50 - 7.50		

TIER	II	CLASS	5 A	CLASS B		
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	
	CALGARY	5.50 - 6.00	<b>A</b>	6.50 - 7.00	<b>A</b>	
	EDMONTON	5.50 - 6.00	•	6.50 - 7.00	< <b>&gt;</b>	
	MONTREAL	5.75 - 6.50	▼	7.00 - 8.00	▼	
	VANCOUVER	5.25 - 5.75	•	5.50 - 6.25	•	

TIER III CLASS A CLASS B CAP RATES FOR STABILIZED PROPERTIES (%) CAP RATES FOR STABILIZED PROPERTIES (%) DIRECTION\* DIRECTION\* HALIFAX 6.50 - 7.00 7.25 - 7.75 **KITCHENER - WATERLOO** 6.00 - 7.00 ▼ 7.00 - 7.50 ▼ LONDON - WINDSOR 7.50 - 8.00 8.25 - 9.00 OTTAWA 6.00 - 6.25 ▼ 6.50 - 7.25 WINNIPEG 6.00 - 6.50 6.50 - 7.00 

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A

## **INDUSTRIAL** | UNITED STATES FORECAST TRENDS

		CLA	ASS A	CLA	ASS B	CLASS C		
		Cap Rates For stabilized Properties	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
	ATLANTA							
	BALTIMORE/WASHINGTON							
	CHICAGO							
	DALLAS/FORT WORTH							
_	HOUSTON							
TIER	MIAMI/S. FLORIDA							
	N. NEW JERSEY							
	Philadelphia/pa corridor							
	SAN FRANCISCO BAY AREA <sup>1</sup>							
	SEATTLE							
	S. CALIFORNIA <sup>2</sup>							

<sup>1</sup>Includes San Francisco, San Jose, Oakland. <sup>2</sup>Includes Inland Empire, Los Angeles and Orange County.

	CLA	ASS A	CLASS B		CLASS C		
	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
BOSTON					_	_	
CINCINNATI	_	_			_	_	
COLUMBUS							
DENVER							INCREASE
							DECREASE
							DECREASE
MEMPHIS							REMAIN FLAT
MINNEAPOLIS							– N/A
NASHVILLE							*Forecast trends represent CBRE professionals'
PHOENIX							opinion of where rates are likely to trend in H2 2015.
ST. LOUIS							Source: CBRE Research.

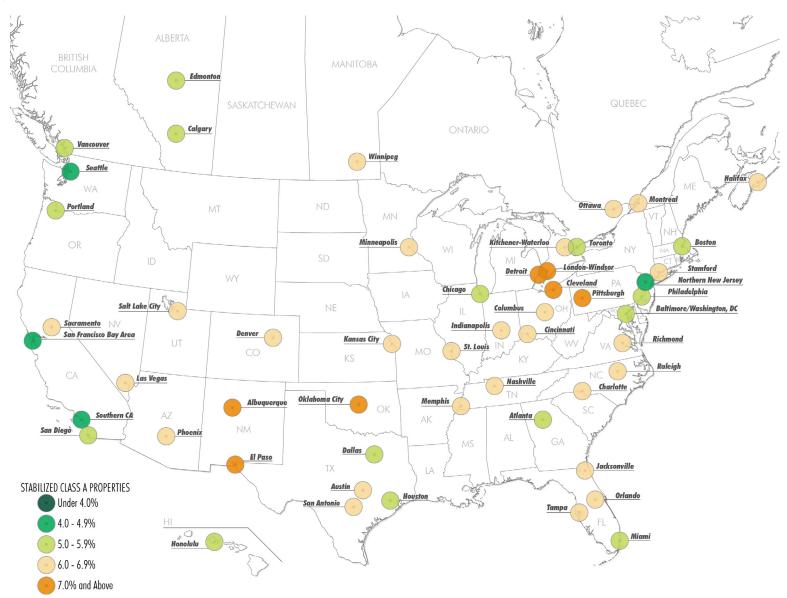


#### INDUSTRIAL | UNITED STATES FORECAST TRENDS CONT.



CAP RAIE SURVEY					FIRST HALF 2015	
<		TH RETAIL	♠ MULTIFAMILY	A HOTEL	appendix >	

**INDUSTRIAL** | CLASS A CAP RATES



CAP RATE SURVEY					FIRST HALF 2015
C 🛄 overview		T RETAIL	☆ MULTIFAMILY	A HOTEL	APPENDIX >

**INDUSTRIAL** | CLASS B CAP RATES



Retail investment has been active in 2015 with \$45.6 billion of acquisitions through June (including entity-level sales). This total registers a 12% gain over the same period in 2014, but this increase pales in comparison to the large increases achieved in the other property sectors. This trend reflects some hesitancy by investors to increase their holdings in the asset class due to the sector's late market recovery trends, as well as limited investment opportunities for the best assets.

The RCA database divides retail space into two basic types: "mall and other" (such as lifestyle) and "strip," which includes community, neighborhood, strip and freestanding retail, what CBRE would call "open-air retail." The "mall and other" category experienced the larger year-over-year gain (14%) and the open-air category rose 8%. Based on current capital markets and economic trends, we expect the pace of retail investment to accelerate modestly in H2 2015 and end the year with an approximate 10% gain over 2014, surpassing last year's record volume.

Cross-border retail acquisitions totaled \$3.6 billion year-to-date through June, up from last year's \$2.5 billion total. The largest cross-border investment this year is AustralianSuper's partial interest in the Ala Moana Center in Honolulu, one of the country's top regional malls. With this acquisition, Australia leads the list of country sources of cross-border capital flows into U.S. retail centers followed by Canada and Spain.

For grocery-anchored neighborhood and community center acquisitions, cap rates fell in all classes of space and in all tiers. In fact, this product type, along with power centers, enjoyed the largest cap rate declines found in the survey.

# FIGURE 17. RETAIL NEIGHBORHOOD/COMMUNITY CENTER - CAP RATES FOR STABILIZED PROPERTIES

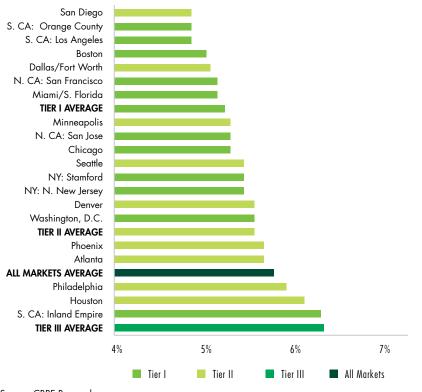
METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
	А	5.88	5.71	-17
ALL	В	6.98	6.74	-24
	С	8.41	8.25	-16
	А	5.44	5.23	-21
I	В	6.48	6.34	-14
	С	7.69	7.30	-39
	А	5.75	5.51	-23
II	В	7.06	6.65	-41
	С	8.66	8.65	-1
	А	6.34	6.27	-7
III	В	7.33	7.14	-19
	С	8.77	8.71	-6

Source: CBRE Research.

By class, Class B experienced the largest average decline of 24 bps. Among the tiers, for Class A product, Tier I and Tier II metros experienced slightly greater cap rate compression than Tier III metros. Four markets—all in California—have average Class A cap rates below 5%: San Jose, San Francisco, Los Angeles and Orange County. (See page 5 for more discussion on tier selection methodology and page 45 for Key Rate tables for metros in each tier.)

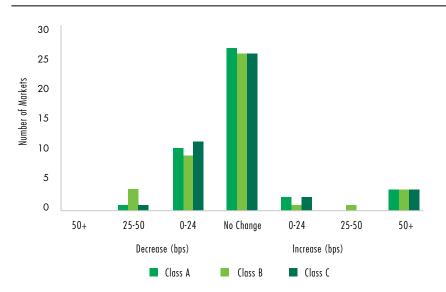


# FIGURE 18. RETAIL NEIGHBORHOOD/COMMUNITY CENTER - CLASS A CAP RATES, H1 2015 - TIER I & II METROS



Source: CBRE Research.

# FIGURE 19. RETAIL NEIGHBORHOOD/COMMUNITY CENTER - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Source: CBRE Research.

Power center cap rates are slightly higher than neighborhood/community centers, with stabilized Class A rates averaging 6.16% for power centers versus 5.71% for neighborhood/community center. Cap rates for Class A and B power centers moved down in all tiers, but not in Class C. The greatest decreases were generally in Class A centers in all metro tiers. Cap rates for Class A stabilized assets in Tier I metros, however, had the greatest drop (50 bps).

METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
	А	6.49	6.16	-33
ALL	В	7.44	7.31	-13
	С	8.59	8.77	18
	А	6.26	5.76	-50
I	В	7.14	7.01	-13
	С	8.07	8.21	15
	А	6.39	6.02	-37
II	В	7.45	7.28	-17
	С	8.61	8.90	30
	А	6.77	6.60	-17
III	В	7.68	7.58	-10
	С	8.98	9.10	12

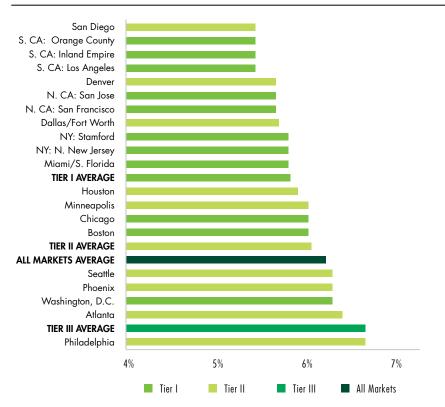
#### FIGURE 20. RETAIL POWER CENTER - CAP RATES FOR STABILIZED PROPERTIES

Source: CBRE Research.

Four California metros have the lowest cap rates for stabilized Class A power centers: San Francisco, San Jose, San Diego and Los Angeles.

The projected return on cost figures for value-add power center acquisitions dropped in H1 2015 for Class A and Class B product in all metro tiers. However, Class C is commanding a slightly higher return on cost in H1 2015, up 13 bps. The Class A average return on cost of 7.23% reflects a 19 bps drop, while Class B experienced an 18 bps decline to 8.18%.

# FIGURE 21. RETAIL POWER CENTER - CLASS A CAP RATES, H1 2015 - TIER I & II METROS



Source: CBRE Research.



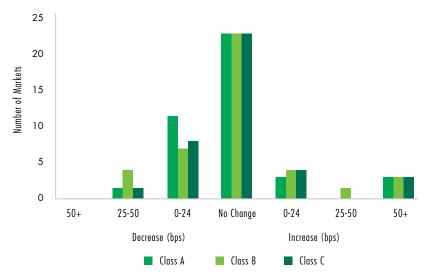
Similar to neighborhood/community centers, power center cap rates (all classes) are expected to remain the same in slightly more than half the metros (57%), while 26% of markets should experience further compression, with Orlando, Jacksonville, Las Vegas and Nashville leading the way. Cap rates in about seven markets (17%) are expected to rise modestly in H2 2015.

The survey found that cap rates for stabilized high street retail assets are still very low at 4.35% for the 10 markets surveyed in H1 2015, essentially unchanged from

the prior survey. Los Angeles, New York (Manhattan) and Miami have the lowest high street cap rates. Tier I markets collectively have an average cap rate of 4.19%, compared to 4.92% for Tier II markets. Las Vegas and Miami experienced the largest declines, both over 25 bps.

Looking forward, the majority of the markets surveyed (seven of the 10) are expected to see no effective change in high street retail cap rates in H2 2015.

# FIGURE 22. RETAIL POWER CENTER - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Source: CBRE Research.

#### FIGURE 23. RETAIL HIGH STREET - CAP RATES FOR STABILIZED PROPERTIES

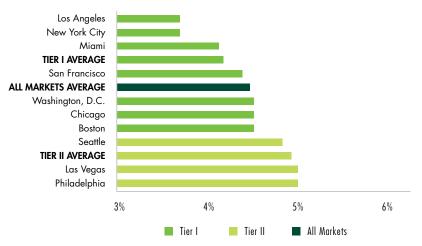
METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
ALL	А	4.44	4.35	-9
I	А	4.26	4.19	-7
П	А	5.08	4.92	-17

Source: CBRE Research.



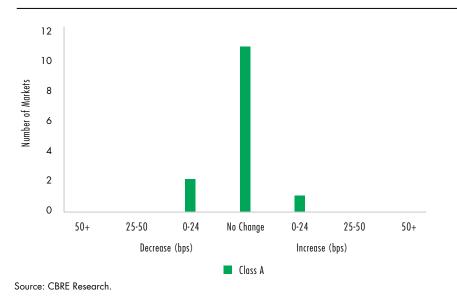


FIGURE 24. RETAIL HIGH STREET- CLASS A CAP RATES H1 2015 - TIER I & II METROS



Source: CBRE Research.

# FIGURE 25. RETAIL HIGH STREET CLASS A - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Select from the list below to access the current **key rates**, **forecasts** and **maps**.

**RETAIL NEIGHBORHOOD/COMMUNITY CENTER** 

#### **RETAIL POWER CENTER**

RETAIL HIGH STREET



A HOTEL multifamily

APPENDIX

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## **RETAIL NEIGHBORHOOD/COMMUNITY CENTER** | UNITED STATES KEY RATES

		CLASS A					CLA	SS B			CLAS	SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	BOSTON	4.75 - 5.25	▼	6.50 - 7.00	•	6.50 - 7.00		7.50 - 9.00	<b>4</b>	7.25 - 9.25	<b>A</b>	9.50 - 10.50	_
	CHICAGO	5.00 - 5.50	▼	5.75 - 6.25	▼	6.25 - 6.75	▼	7.00 - 7.50	▼	7.50 - 8.25	▼	8.00 - 8.50	▼
	MIAMI/S. FLORIDA	4.75 - 5.50	▼	6.00 - 6.50	▼	5.75 - 6.50	▼	6.50 - 7.75	▼	7.25 - 8.00	▼	8.00 - 8.50	▼
	N. CA: SAN FRANCISCO	4.50 - 5.75	▼	6.25 - 7.25	<b>4</b>	6.00 - 7.00	▼	7.50 - 8.00	<b>4</b>	7.50 - 9.00	▼	8.50 - 10.50	
_	N. CA: SAN JOSE	4.75 - 5.75		6.00 - 6.75	•	6.00 - 7.00	▼	7.00 - 7.75	•	7.50 - 8.50	▼	8.00 - 9.50	•
IER	NY: N. NEW JERSEY	5.00 - 5.75	▼	6.25 - 6.75	▼	6.00 - 6.75	▼	7.25 - 7.75	▼	_	_	_	_
F	NY: STAMFORD	5.00 - 5.75	▼	6.25 - 6.75	▼	6.00 - 6.75	▼	7.25 - 7.75	▼	_	_	_	_
	S. CA: LOS ANGELES	4.50 - 5.25	▼	5.50 - 6.50	< <b>&gt;</b>	5.50 - 6.50	< <b>&gt;</b>	6.00 - 7.50	•	7.00 - 7.50		7.50 - 10.00	
	S. CA: INLAND EMPIRE	6.00 - 6.50		5.50 - 6.50	_	5.50 - 6.50	▼	6.00 - 7.50	_	7.00 - 7.50		7.50 - 10.00	_
	S. CA: ORANGE COUNTY	4.50 - 5.25	▼	5.50 - 6.50	< <b>&gt;</b>	5.50 - 6.50	< <b>&gt;</b>	6.00 - 7.50	<b>.</b>	7.00 - 7.50	<b>.</b>	7.50 - 10.00	•
	WASHINGTON, D.C.	5.00 - 6.00	•	6.00 - 7.00		6.25 - 7.25		7.50 - 8.50	<b>•</b>	7.50 - 8.50	•	9.50 - 10.50	•

		CLASS A				CLASS B			CLASS C				
		Cap Rates For stabilized Properties (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ATLANTA	5.25 - 6.00	▼	5.50 - 6.25	▼	6.00 - 7.75	▼	6.00 - 7.50	▼	7.50 - 10.00		7.25 - 10.00	•
	DALLAS/FORT WORTH	4.75 - 5.25	▼	5.00 - 6.00	▼	6.00 - 7.25	▼	6.00 - 7.00	▼	8.50 - 11.00		9.25 - 12.00	
	DENVER	5.25 - 5.75	<b>A</b>	5.50 - 6.00	•	6.25 - 6.75	▼	6.50 - 7.25	•	7.50 - 8.25	▼	8.50 - 9.50	
=	HOUSTON	5.75 - 6.50		7.00 - 7.75		6.25 - 7.25	▼	8.00 - 8.50	•	8.50 - 11.00	▼	11.00 - 12.00	
ER	MINNEAPOLIS	5.00 - 5.50	▼	5.75 - 6.25	•	6.25 - 6.75	•	7.00 - 7.50		7.50 - 8.25	•	8.00 - 8.25	▼
F	PHILADELPHIA	5.50 - 6.25		6.50 - 7.25	<b>4</b>	6.25 - 7.00	▼	7.50 - 8.50		7.00 - 8.00		8.75 - 9.50	
	PHOENIX	5.25 - 6.00	•	7.00 - 7.50	<b>A</b>	6.25 - 7.00	•	7.50 - 8.00		8.00 - 8.50	•	8.50 - 9.50	<b>A</b>
	SAN DIEGO	4.50 - 5.25	▼	5.50 - 6.50		5.50 - 6.50	•	6.00 - 7.50	<b>4</b>	7.00 - 7.50	▼	7.50 - 10.00	▼
	SEATTLE	5.00 - 5.75		6.50 - 6.75		6.50 - 7.50		7.25 - 8.25		8.00 - 9.50		9.00 - 10.50	

▲ INCREASE DECREASE REMAIN FLAT — N/A



APPENDIX

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### **RETAIL NEIGHBORHOOD/COMMUNITY CENTER** | UNITED STATES KEY RATES CONT.

			SS A			CLA	SS B		CLASS C				
		Cap Rates For stabilized Properties (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ALBUQUERQUE	6.25 - 7.00	•	6.75 - 7.50		7.50 - 8.50	•	8.50 - 9.50	<b>~</b> ►	8.75 - 9.50	<b>~</b>	9.25 - 9.75	•
	AUSTIN	4.75 - 5.25	▼	5.50 - 6.00	▼	5.25 - 5.75	▼	6.25 - 7.00	▼	6.00 - 6.50	▼	7.50 - 9.00	▼
	BALTIMORE	6.00 - 7.00		6.75 - 7.50		6.75 - 8.00		7.25 - 8.50		7.75 - 9.25		8.00 - 10.00	
	CHARLOTTE	5.50 - 6.25		6.75 - 7.50	<b>4</b>	6.50 - 7.25	•	7.50 - 8.50	<b>4</b>	8.00 - 9.00	< <b>&gt;</b>	9.00 - 10.00	<b>4</b>
	CINCINNATI	5.75 - 6.25		6.25 - 6.75	▼	6.50 - 7.00	▼	7.25 - 7.75		7.75 - 8.50	•	8.25 - 8.75	•
	CLEVELAND	6.50 - 7.00		6.50 - 7.00	▼	7.25 - 7.75	▼	8.00 - 8.50	<b>4</b>	8.50 - 9.50	< <b>&gt;</b>	9.00 - 9.50	▼
	COLUMBUS	6.00 - 6.50		6.25 - 6.75	▼	6.50 - 7.00	▼	7.25 - 7.75	<b>.</b>	8.00 - 8.50	< <b>&gt;</b>	8.25 - 8.75	▼
	DETROIT	6.75 - 7.75	▼	8.00 - 9.00	<b>4</b>	7.75 - 9.00	▼	8.50 - 9.75	▼	9.50 - 11.00	<b>4</b>	10.00 - 12.00	<b>4</b>
	INDIANAPOLIS	6.50 - 7.00	▼	7.75 - 8.75		7.75 - 8.50		8.75 - 9.75		8.50 - 9.75		9.00 - 10.50	
	JACKSONVILLE	5.50 - 6.00		6.50 - 7.00	<b>4</b>	6.25 - 6.75	▼	6.75 - 7.75	▼	7.75 - 8.50		8.50 - 9.50	<b>4</b>
=	KANSAS CITY	5.50 - 6.25	▼	6.25 - 6.75	▼	6.50 - 7.00	▼	7.25 - 7.75	<b>.</b>	7.75 - 8.50	▼	8.25 - 8.75	▼
TIER	LAS VEGAS	6.00 - 7.00	▼	7.00 - 9.00	▼	6.50 - 7.50	▼	7.50 - 9.50	▼	7.50 - 9.00	▼	9.50 - 10.50	▼
F	MEMPHIS	7.00 - 7.50	<b>A</b>	8.00 - 8.50		7.50 - 8.00		8.50 - 9.00		9.50 - 10.00	<b>4</b>	10.50 - 11.00	<b>•</b>
	NASHVILLE	6.25 - 6.50		8.00 - 8.50	<b>4</b>	6.75 - 7.25		8.50 - 9.00	<b>4</b>	7.50 - 8.00	<b>4</b>	9.00 - 11.00	<b>4</b>
	ORLANDO	5.25 - 5.75	•	6.25 - 6.75	•	6.25 - 6.75	•	6.75 - 7.75	•	7.75 - 8.50		8.50 - 9.50	
	PITTSBURGH	6.50 - 7.25		8.00 - 8.50	<b>4</b>	6.75 - 7.75	•	9.00 - 10.00	<b>4</b>	9.50 - 10.50	< <b>&gt;</b>	11.00 - 12.00	<b>.</b>
	PORTLAND	6.00 - 7.00		7.00 - 8.00		6.75 - 7.75		7.75 - 8.75		8.00 - 9.00		9.00 - 10.00	<b>A</b>
	RALEIGH	5.75 - 6.25		6.75 - 7.25	▼	6.50 - 7.00	▼	7.50 - 8.00	▼	7.75 - 8.75	▼	8.50 - 9.25	▼
	SACRAMENTO	5.75 - 6.50		7.00 - 8.00		6.75 - 7.75	▼	8.00 - 9.00		8.00 - 10.00		9.00 - 11.00	<b>~</b>
	SALT LAKE CITY	6.00 - 7.00	< <b>&gt;</b>	6.00 - 7.00	4	6.75 - 7.75	▼	6.75 - 7.75	▼	9.00 - 10.50	< <b>&gt;</b>	9.00 - 10.50	<b>4</b>
	SAN ANTONIO	5.25 - 6.00	▼	6.00 - 7.00		6.50 - 7.75	▼	6.75 - 7.75	▼	8.50 - 10.50	▼	8.50 - 9.75	▼
	st. louis	5.50 - 6.00	▼	6.25 - 7.00	▼	6.50 - 7.00	▼	7.25 - 7.75	▼	7.75 - 8.75		8.50 - 9.50	▼
	TAMPA	5.25 - 5.75	•	6.25 - 6.75	▼	6.25 - 6.75	▼	6.75 - 7.75	▼	7.75 - 8.50		8.50 - 9.50	•

▲ INCREASE DECREASE REMAIN FLAT — N/A





#### RETAIL NEIGHBORHOOD/COMMUNITY CENTER | CANADA KEY RATES

TIER		CLASS	A
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
	TORONTO	5.00 - 6.25	•

TIER	II	CLASS A					
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*				
	CALGARY	5.50 - 6.00	<b>4</b> ►				
	EDMONTON	5.75 - 6.25	<b>4</b> ►				
	MONTREAL	7.00 - 7.75	▼				
	VANCOUVER	5.50 - 6.00	•				

TIER III

CLASS A

	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
HALIFAX	6.25 - 6.75	<b>4</b>
KITCHENER - WATERLOO	6.00 - 6.50	<b>4</b>
LONDON - WINDSOR	6.75 - 8.00	▼
OTTAWA	6.00 - 6.75	▼
WINNIPEG	6.50 - 7.00	

▲ INCREASE V DECREASE V REMAIN FLAT - N/A

 $\mathbf{\Sigma}$ 

APPENDIX

A HOTEL

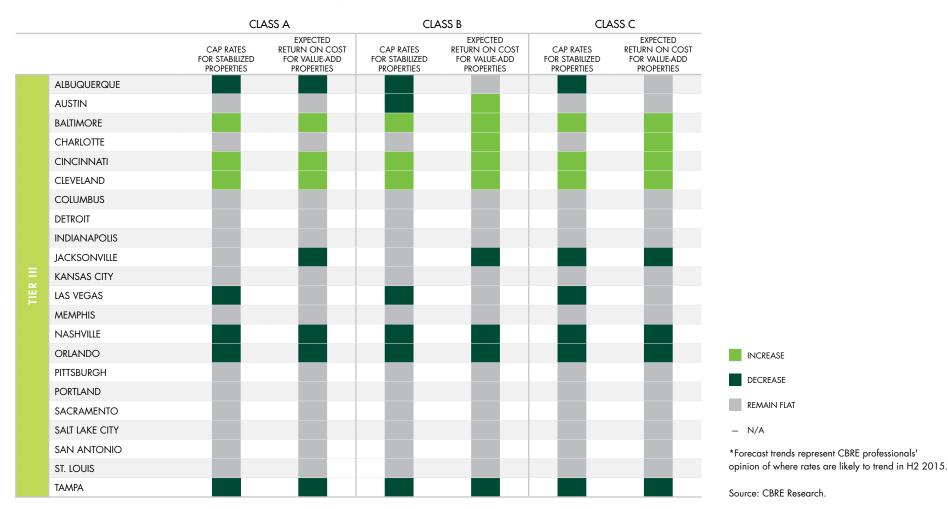
#### **RETAIL NEIGHBORHOOD/COMMUNITY CENTER** | UNITED STATES FORECAST TRENDS

		CLA	ASS A	CLA	ASS B	CLASS C		
		CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
	BOSTON							
	CHICAGO							
	MIAMI/S. FLORIDA							
	n. ca: san francisco							
_	n. ca: san jose							
TIER	NY: N. NEW JERSEY							
	NY: STAMFORD							
	S. CA: LOS ANGELES							
	S. CA: INLAND EMPIRE							
	S. CA: ORANGE COUNTY							
	WASHINGTON, D.C.							

		CLA	ASS A	CLA	ASS B	CLA	ASS C	
		CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
	ATLANTA							
	DALLAS/FORT WORTH							INCREASE
	DENVER							DECREASE
=	HOUSTON							
TIER	MINNEAPOLIS							REMAIN FLAT
	PHILADELPHIA							— N/A
	PHOENIX							*Forecast trends represent CBRE professionals'
	SAN DIEGO							opinion of where rates are likely to trend in H2 2015.
	SEATTLE							Source: CBRE Research.

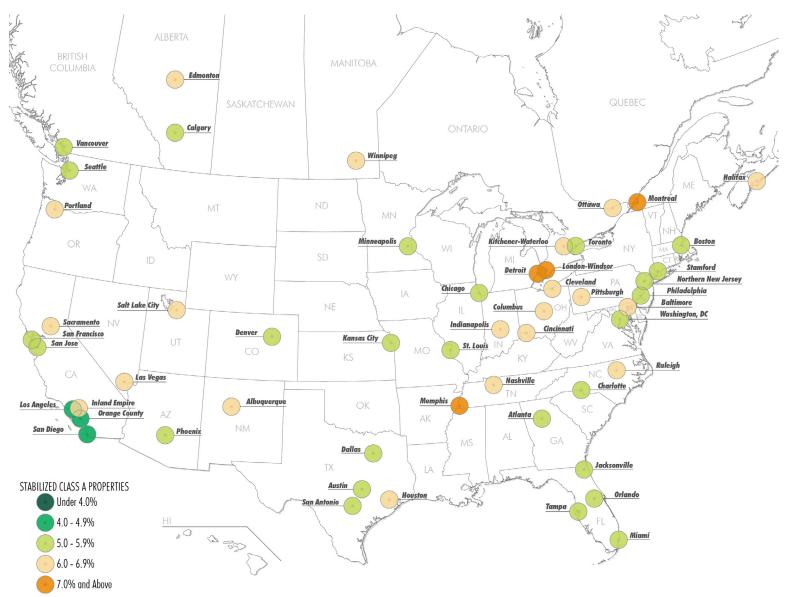


#### **RETAIL NEIGHBORHOOD/COMMUNITY CENTER** | UNITED STATES FORECAST TRENDS CONT.

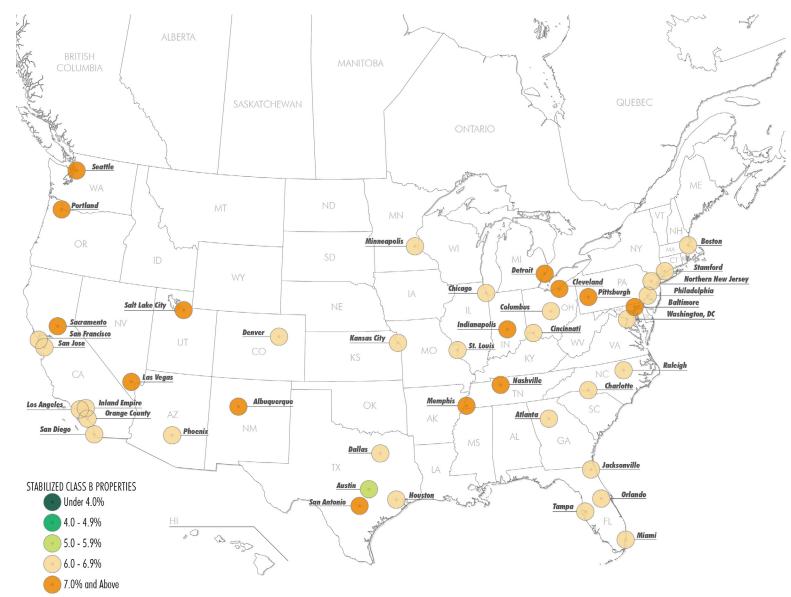




#### **RETAIL NEIGHBORHOOD/COMMUNITY CENTER** | CLASS A CAP RATES



#### **RETAIL NEIGHBORHOOD/COMMUNITY CENTER** | CLASS B CAP RATES



CBRE

#### **RETAIL POWER** | UNITED STATES KEY RATES

			CLA	SS A			CLA	SS B			CLA	SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	BOSTON	5.75 - 6.25	▼	7.50 - 8.00	< <b>&gt;</b>	7.50 - 8.00	< <b>&gt;</b>	10.00 - 11.00		8.25 - 10.00		12.00 - 15.00	-
	CHICAGO	5.75 - 6.25	▼	6.50 - 7.00	▼	6.75 - 7.25	< <b>&gt;</b>	7.50 - 8.00	<b>4</b>	7.75 - 8.75		8.50 - 9.50	
	MIAMI/S. FLORIDA	5.50 - 6.00	▼	6.50 - 7.00	▼	6.25 - 6.75	▼	7.00 - 7.50	▼	7.25 - 8.25	▼	8.50 - 9.00	•
	N. CA: SAN FRANCISCO	5.25 - 6.00	▼	6.75 - 7.25	< <b>&gt;</b>	6.50 - 7.25	▼	7.25 - 8.00	▼	7.50 - 9.00	▼	8.50 - 9.00	
_	N. CA: SAN JOSE	5.25 - 6.00	▼	6.25 - 7.25	▼	6.50 - 7.50		6.75 - 7.75	▼	7.00 - 8.50	▼	8.25 - 9.00	
ER	NY: N. NEW JERSEY	5.50 - 6.00	▼	6.50 - 7.00	▼	6.00 - 6.75	▼	7.25 - 7.75	▼	_	_	_	_
F	NY: STAMFORD	5.50 - 6.00	▼	6.50 - 7.00	▼	6.00 - 6.75	▼	7.25 - 7.75	▼	_	_	_	_
	S. CA: LOS ANGELES	5.00 - 5.75	▼	6.25 - 7.25	▼	6.50 - 7.50	▼	7.00 - 7.75	▼	7.75 - 8.50	<b></b>	7.75 - 9.00	▼
	S. CA: INLAND EMPIRE	5.00 - 5.75	▼	6.25 - 7.25	_	6.50 - 7.50		7.00 - 7.75	_	8.00 - 8.75		7.75 - 9.00	_
	S. CA: ORANGE COUNTY	5.00 - 5.75	▼	6.25 - 7.25	< <b>&gt;</b>	6.50 - 7.50	▼	7.00 - 7.75		7.75 - 8.50		7.75 - 9.00	•
	WASHINGTON, D.C.	5.75 - 6.75	•	7.25 - 8.25		6.75 - 7.75		8.50 - 9.50		7.50 - 8.50		10.50 - 11.50	•

			CLA	SS A			CLA	SS B			CLA	SS C	
		Cap Rates For stabilized Properties (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ATLANTA	5.75 - 7.00	▼	6.00 - 7.00	▼	6.75 - 7.75	▼	6.75 - 8.00	▼	7.50 - 10.50		8.00 - 11.00	<b>A</b>
	DALLAS/FORT WORTH	5.25 - 6.00	•	6.75 - 8.25		6.75 - 8.25	▼	6.75 - 8.25	▼	9.00 - 10.50		8.75 - 11.00	
	DENVER	5.25 - 6.00	•	5.75 - 6.25	•	6.50 - 7.00		7.00 - 7.50		8.00 - 9.00	▼	9.75 - 10.50	•
=	HOUSTON	5.50 - 6.25	•	6.50 - 7.00	▼	7.00 - 8.50	▼	8.50 - 9.00	▼	9.00 - 11.00		10.50 - 11.50	
ER	MINNEAPOLIS	5.75 - 6.25	▼	6.50 - 7.00	▼	6.75 - 7.25		7.50 - 8.00		7.75 - 8.75		8.50 - 9.50	
F	PHILADELPHIA	6.25 - 7.00		7.25 - 8.00		6.75 - 7.50		8.00 - 8.75		7.25 - 8.25		9.00 - 10.00	
	PHOENIX	6.00 - 6.50		8.00 - 8.50		6.75 - 7.50		8.50 - 9.00		7.75 - 8.75		9.50 - 10.50	
	SAN DIEGO	5.00 - 5.75	▼	6.25 - 7.25		6.50 - 7.50	▼	7.00 - 7.75		7.75 - 9.00		7.75 - 9.00	▼
	SEATTLE	6.00 - 6.50		7.00 - 8.00		7.00 - 7.75		8.00 - 9.00		7.75 - 9.50		9.00 - 10.00	

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT – N/A

#### **RETAIL POWER** | UNITED STATES KEY RATES CONT.

			CLAS	SS A			CLA	SS B			CLA	SS C	
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ALBUQUERQUE	6.75 - 7.50		7.25 - 8.00		7.50 - 9.00	▼	8.50 - 9.50		9.00 - 10.50	<b>.</b>	9.25 - 10.25	
	AUSTIN	5.25 - 6.25	▼	6.25 - 7.25	▼	6.50 - 8.00	▼	7.25 - 8.50	▼	8.50 - 10.50		9.00 - 10.50	
	BALTIMORE	6.00 - 6.25		6.50 - 6.75	•	6.25 - 7.50	•	6.75 - 8.00		7.50 - 9.00	•	8.00 - 9.50	•
	CHARLOTTE	6.25 - 6.75	< <b>&gt;</b>	7.50 - 8.00	•	7.00 - 7.50		8.25 - 8.75	< <b>&gt;</b>	7.75 - 8.50	<b>.</b>	9.00 - 11.00	•
	CINCINNATI	6.25 - 6.75	▼	7.00 - 7.50	▼	7.25 - 7.75	•	8.00 - 8.50	< <b>&gt;</b>	8.25 - 9.25		9.00 - 10.00	
	CLEVELAND	7.00 - 7.50	▼	7.75 - 8.25	▼	7.75 - 8.75	▼	8.50 - 9.25	▼	9.00 - 11.00		9.75 - 12.00	
	COLUMBUS	6.25 - 6.75	•	7.00 - 7.50	▼	7.25 - 7.75	•	8.00 - 8.50	<b>~</b> ►	8.00 - 8.50	<b>.</b>	9.00 - 10.00	
	DETROIT	7.00 - 7.75	•	7.75 - 8.50	▼	7.75 - 9.00	▼	8.50 - 9.50	•	9.50 - 11.00		10.00 - 12.00	•
	INDIANAPOLIS	6.50 - 7.00	▼	7.50 - 8.50		7.75 - 8.50	▼	9.00 - 9.75		8.50 - 10.50		10.00 - 10.50	
	JACKSONVILLE	5.75 - 6.25	▼	7.00 - 7.75	▼	6.50 - 7.25	▼	7.75 - 8.75	▼	7.75 - 8.50		9.00 - 10.00	•
	KANSAS CITY	6.25 - 6.75	•	7.00 - 7.50	▼	7.25 - 7.75	•	8.00 - 8.50	<b>&lt;</b>	8.25 - 9.25		9.00 - 10.00	
E	LAS VEGAS	5.75 - 6.75	▼	7.00 - 8.00	▼	6.75 - 7.50	▼	7.50 - 9.50	•	7.50 - 9.00	▼	9.50 - 10.50	▼
F	MEMPHIS	7.75 - 8.25	<►	8.25 - 8.75		8.50 - 9.00	•	9.50 - 10.00	< <b>&gt;</b>	10.50 - 11.00		11.00 - 11.50	•
	NASHVILLE	6.50 - 7.25	<b>.</b>	8.00 - 8.50	•	7.25 - 7.75	•	8.50 - 9.00	<b>.</b>	8.00 - 9.00	<b>4</b>	9.00 - 11.00	•
	ORLANDO	5.75 - 6.25	•	7.00 - 7.75	▼	6.50 - 7.25	▼	7.75 - 8.75	•	7.75 - 8.50		9.00 - 9.50	•
	PITTSBURGH	6.50 - 7.25	<b>4</b>	8.00 - 8.50	▼	7.50 - 8.25	•	9.00 - 10.00	<b>4</b>	11.00 - 12.00	<b>4</b>	11.00 - 12.00	•
	PORTLAND	6.50 - 7.25	<b>A</b>	7.75 - 8.75		7.25 - 8.00	<b>A</b>	8.50 - 9.25		8.25 - 9.25		9.50 - 10.50	<b>A</b>
	RALEIGH	6.00 - 6.75	•	7.00 - 7.75	•	6.75 - 7.50	•	7.75 - 8.50	•	8.25 - 9.00		9.25 - 10.00	•
	SACRAMENTO	6.00 - 7.00		7.00 - 8.00	•	7.00 - 8.00	•	8.00 - 9.00	<b>4</b> ►	9.00 - 10.00	▼	9.00 - 11.00	<b>A</b>
	SALT LAKE CITY	6.25 - 6.75	•	6.25 - 6.75	▼	7.00 - 7.75	▼	7.00 - 7.75	•	9.00 - 10.50		9.00 - 10.50	•
	SAN ANTONIO	5.75 - 6.50	•	6.50 - 7.50	▼	7.00 - 8.50	▼	7.75 - 9.25	•	8.25 - 9.25	▼	9.00 - 10.00	•
	ST. LOUIS	6.25 - 6.75	▼	7.00 - 7.50	▼	7.25 - 7.75	<b></b>	8.00 - 8.75		8.25 - 9.25	▼	9.00 - 10.00	
	TAMPA	5.75 - 6.25	•	7.00 - 7.75	•	6.50 - 7.25	•	7.75 - 8.75	•	7.75 - 8.50		9.00 - 9.50	•



#### **RETAIL POWER** | CANADA KEY RATES

TIER		CLASS	4
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
	TORONTO	5.50 - 6.50	•

TIER	11	CLASS	5 A
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
	CALGARY	5.25 - 5.75	•
	EDMONTON	5.75 - 6.25	•
	MONTREAL	5.75 - 6.75	•
	VANCOUVER	5.50 - 6.00	•

TIER III

CLASS A

	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
HALIFAX	6.00 - 6.50	<b>4</b>
KITCHENER - WATERLOO	5.75 - 6.50	▼
LONDON - WINDSOR	6.25 - 7.50	<b>•</b>
OTTAWA	5.75 - 6.50	<b>•</b>
WINNIPEG	6.00 - 6.50	

▲ INCREASE V DECREASE V REMAIN FLAT - N/A

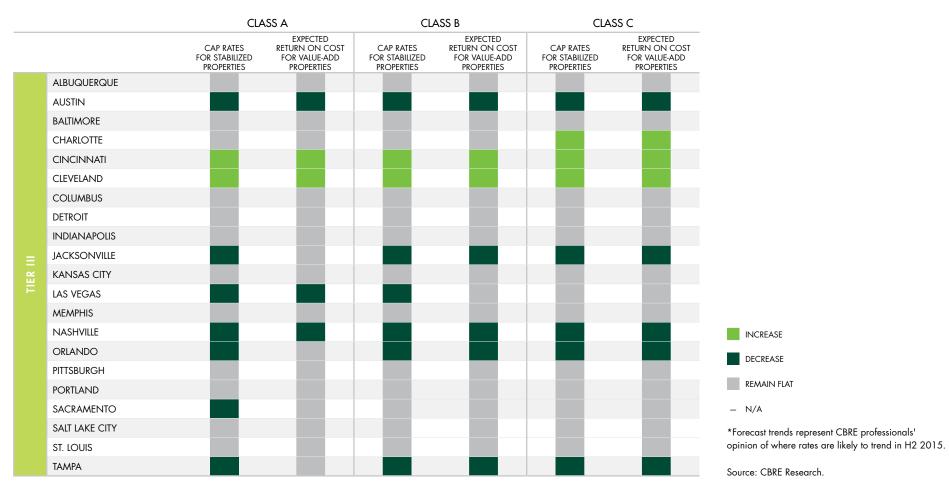
#### **RETAIL POWER** | UNITED STATES FORECAST TRENDS

		CLA	ASS A	CLA	ASS B	CLA	NSS C
		CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES
	BOSTON						
	CHICAGO						
	MIAMI/S. FLORIDA						
	N. CA: SAN FRANCISCO						
_	n. ca: san jose						
TIER	NY: N. NEW JERSEY					—	_
	NY: STAMFORD						
	S. CA: LOS ANGELES						
	S. CA: INLAND EMPIRE						
	S. CA: ORANGE COUNTY						
	WASHINGTON, D.C.						

	CLA	ASS A	CL	ASS B	CLA	ASS C	
	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
ATLANTA							
DALLAS/FORT WORTH							INCREASE
DENVER							DECREASE
- HOUSTON							
							REMAIN FLAT
PHILADELPHIA							– N/A
PHOENIX							*Forecast trends represent CBRE professionals'
SAN DIEGO							opinion of where rates are likely to trend in H2 2015.
SEATTLE							Source: CBRE Research.

CBRE

#### **RETAIL POWER** | UNITED STATES FORECAST TRENDS CONT.

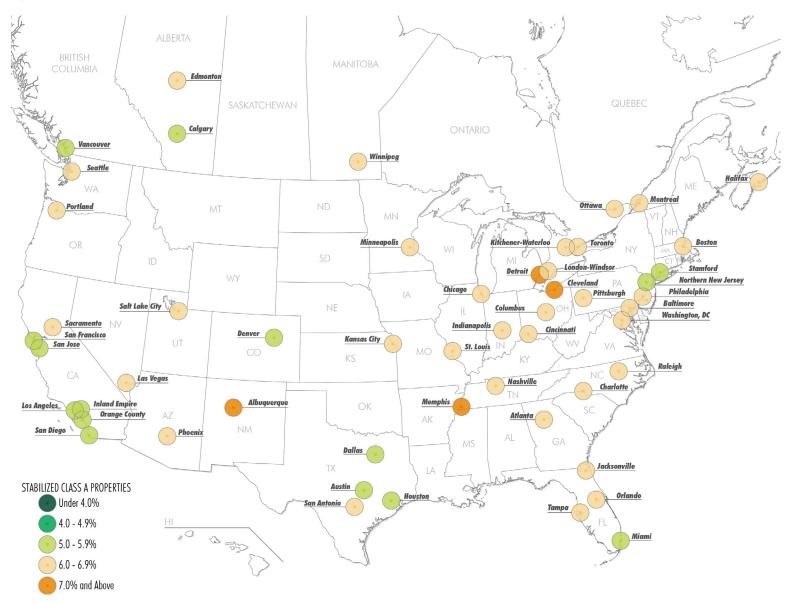




3		INDUSTRIAL	THE RETAIL	☆ MULTIFAMILY	A HOTEL	APPENDIX	Ο

#### **RETAIL POWER** | CLASS A CAP RATES

CAP RATE SURVEY



FIRST HALF 2015

C 🛄 overview	INDUSTRIAL	<b>THE</b> RETAIL	畲 MULTIFAMILY	A HOTEL	APPENDIX	۲

#### **RETAIL POWER** | CLASS B CAP RATES

CAP RATE SURVEY



FIRST HALF 2015



#### **RETAIL HIGH STREET** | UNITED STATES KEY RATES

TIER	TIER I CLASS A				
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*		
	BOSTON	4.00 - 5.00	•		
	CHICAGO	4.00 - 5.00	•		
	los angeles	3.00 - 4.50	•		
	MIAMI	3.75 - 4.50	▼		
	NEW YORK CITY	3.50 - 4.00			
	SAN FRANCISCO	3.75 - 5.00	<b></b>		
	WASHINGTON, D.C.	4.00 - 5.00	•		

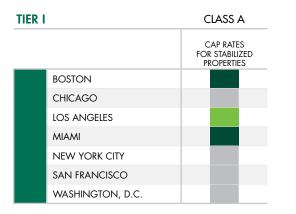
TIER I		CLASS A
		CAP RATES FOR STABILIZED PROPERTIES (%) DIRECTION*
	las vegas	4.50 - 5.50 🔍
	PHILADELPHIA	4.50 - 5.50
	SEATTLE	4.25 - 5.25

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A





#### **RETAIL HIGH STREET** | UNITED STATES FORECAST TRENDS



TIER	I	C	LASS	A
		FOF	CAP RATE STABILI ROPERTI	ZED
	LAS VEGAS			
	PHILADELPHIA			
	SEATTLE			

\*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015.

Source: CBRE Research.



#### **RETAIL HIGH STREET** | CLASS A CAP RATES



 $(\boldsymbol{\Sigma})$ 

# 🔇 🔍 OVERVIEW 🏦 OFFICE 📟 INDUSTRIAL 🐨 RETAIL 🏠 MULTIFAMILY 📥 HOTEL 📖 APPENDIX

#### MULTIFAMILY | UNITED STATES OVERVIEW

Investment in U.S. multifamily assets has been robust for several years. This year is no different. Year-to-date through June 2015, \$63.2 billion worth of multifamily properties have changed hands (including entity-level sales), a rise of 38% over the same period in 2014. This large gain is partly a reflection of the unusually slow quarter experienced Q1 2014, but it also confirms continued confidence in the future performance of multifamily. About two-thirds of the year-to-date capital invested has been directed at garden product vs. one-third for mid/high-rise product (RCA's two main categories)—the same ratios as experienced in 2014.

In H1 2015, cross-border investment in U.S. multifamily totaled \$4.4 billion, not counting properties acquired through entity-level acquisitions. This is already higher than the full-year 2014 total of \$3.7 billion. Canada represents the largest country source of cross-border multifamily investment year-to-date, accounting for more than 30% of transaction volume. The H1 2015 total does not include Toronto-based Brookfield Asset Management's estimated \$2.4 billion acquisition of Associated Estates (approximately 51 properties and 13,000 units), which is expected to close in Q3 2015.

For infill stabilized multifamily acquisitions, cap rates for all classes edged slightly downward in H1 2015 compared to H2 2014, Class A dropped 8 bps to 4.57%, Class B fell 9 bps to 5.13% and Class C declined 14 bps to 6.12%. The Tier III markets experienced the largest declines as a whole, however their declines were only slightly more than the other tiers. (See page 5 for more discussion on tier selection methodology and page 66 for Key Rate tables for metros in each tier.)

#### FIGURE 26. MULTIFAMILY INFILL - CAP RATES FOR STABILIZED PROPERTIES

METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
	А	4.65	4.57	-8
ALL	В	5.22	5.13	-9
	С	6.26	6.12	-14
	А	4.25	4.20	-5
I	В	4.78	4.71	-7
	С	5.58	5.63	5
	А	4.67	4.58	-9
II	В	5.30	5.23	-8
	С	6.24	6.08	-17
	А	5.40	5.29	-11
Ш	В	5.95	5.80	-15
	С	7.01	6.85	-16

Source: CBRE Research.

For stabilized Class A infill assets, San Francisco has the lowest cap rate at 3.75%, followed closely by Orange County, San Diego and San Jose. Of the 44 markets surveyed, 33 have cap rates of 5.00% or less. Tier III markets mainly saw the largest cap rate declines for stabilized Class A infill acquisitions; leading the list were Cincinnati, Kansas City and Philadelphia, all with a 50 bps drop.

For value-add acquisitions, averages for the expected returns on cost edged up slightly in H1 2015 from 2 bps for Class B to 12 bps for Class C. The differential between cap rates for stabilized properties and the returns on cost for value-add is a modest 69 bps, on average.  $\mathbf{\Sigma}$ 

APPENDIX

TH RETAIL

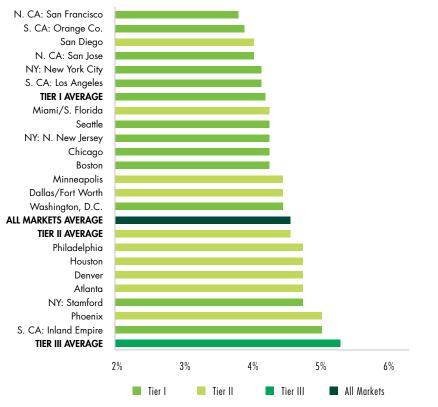
**MULTIFAMILY** 

#### MULTIFAMILY | UNITED STATES OVERVIEW CONT.

For acquisitions of stabilized infill multifamily assets, CBRE Capital Markets and Valuation professionals expect that the vast majority (81%) will experience no cap rate change in H2 2015. The markets expected to experience cap rate compression include: Nashville, Washington, D.C., Baltimore, Indianapolis and Detroit.

**OFFICE** 

# FIGURE 27. MULTIFAMILY INFILL - CLASS A CAP RATES, H1 2015 - TIER 1 & II METROS

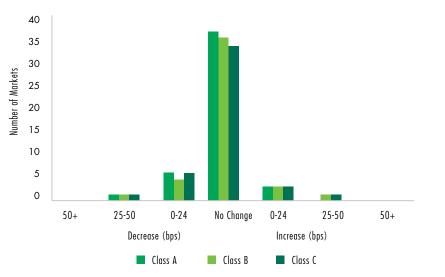


Source: CBRE Research.

Cap rates for stabilized suburban multifamily assets edged down modestly in Class A and Class B product in H1 2015, compared to the prior survey, but not for Class C. Class A cap rates are averaging 5.10%, down 10 bps, while Class B rates average 5.58% (an 11 bps decline).

A HOTEL

# FIGURE 28. MULTIFAMILY INFILL - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Source: CBRE Research.



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#### MULTIFAMILY | UNITED STATES OVERVIEW CONT.

Markets with the lowest Class A suburban cap rates include San Francisco, Orange County, San Jose and San Diego. Markets with the next lowest rates are: Boston, Miami/ South Florida and Seattle. The largest declines in Class A suburban cap rates (>30 bps) were found in Kansas City, Cincinnati, Washington, D.C., Austin and Orange County.

From H2 2014 to H1 2015, the expected return on cost ratios for value-add suburban acquisitions were essentially unchanged for Class A product, but increased slightly for Class B and Class C. The widest spread between the average cap rate for suburban stabilized assets and the return on cost for value-add assets is found in Class B product, with a 108 bps differential (vs. 48 for Class A and 68 for Class C).

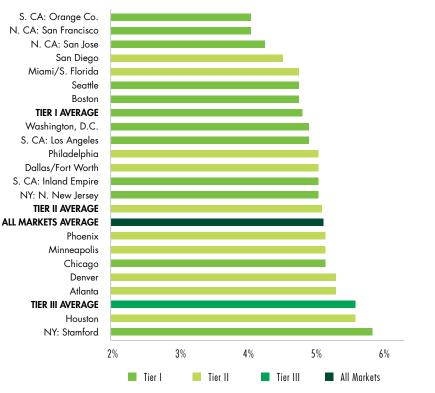
#### FIGURE 29. MULTIFAMILY SUBURBAN - CAP RATES FOR STABILIZED PROPERTIES

METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
	А	5.20	5.10	-10
ALL	В	5.69	5.58	-11
	С	6.60	6.66	5
	А	4.91	4.80	-11
I	В	5.37	5.22	-15
	С	6.10	6.21	12
	А	5.15	5.07	-8
II	В	5.62	5.60	-3
	С	6.66	6.60	-6
	А	5.60	5.50	-11
III	В	6.17	6.01	-15
	С	7.14	7.10	-4

Source: CBRE Research.

Over the next six months, cap rates for acquisitions of stabilized suburban multifamily product are not expected to change in most (79%) of the markets surveyed. About 14% are expected to experience decreases, including Nashville, Washington, D.C., Baltimore and Detroit, and the other 8% should experience slight increases.

# FIGURE 30. MULTIFAMILY SUBURBAN - CLASS A CAP RATES, H1 2015 - TIER 1 & II METROS



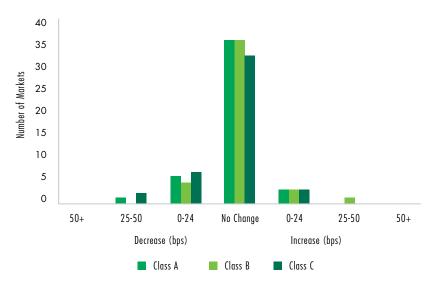
Source: CBRE Research.





#### MULTIFAMILY | UNITED STATES OVERVIEW CONT.

FIGURE 31. MULTIFAMILY SUBURBAN - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Source: CBRE Research.

Select from the list below to access the current **key rates**, **forecasts** and **maps**.

**MULTIFAMILY INFILL** 

**MULTIFAMILY SUBURBAN** 



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#### MULTIFAMILY INFILL | UNITED STATES KEY RATES

		CLASS A				CLASS B			CLASS C				
		Cap Rates For stabilized Properties (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	BOSTON	4.00 - 4.50	•	5.50 - 6.00		4.50 - 5.00	•	6.00 - 6.50		-	_	6.25 - 6.75	•
	CHICAGO	4.00 - 4.50	•	4.25 - 4.50	▼	4.75 - 5.25	•	5.00 - 5.25	▼	5.50 - 6.00	<b>4</b>	5.75 - 6.25	
	N. CA: SAN FRANCISCO	3.50 - 4.00	•	3.50 - 4.00	<b>•</b>	3.75 - 4.25	•	3.75 - 4.25	<b>•</b>	4.00 - 4.50		4.00 - 4.50	•
	n. ca: san jose	3.75 - 4.25	•	3.75 - 4.25	•	4.00 - 4.50	•	4.00 - 4.50	•	4.50 - 5.00	< <b>&gt;</b>	4.50 - 5.00	•
	NY: NEW YORK CITY	3.75 - 4.50	▼	4.75 - 5.50	•	4.25 - 5.00	▼	5.25 - 6.00	•	5.25 - 5.75	_	6.25 - 7.00	•
~	NY: N. NEW JERSEY	4.00 - 4.50	•	5.00 - 5.50	<b>4</b>	4.50 - 5.00	•	5.50 - 6.00	<b>4</b>	_	_	_	_
TIE	NY: STAMFORD	4.50 - 5.00		5.50 - 6.00		5.50 - 6.00		6.00 - 6.50		_	_	_	_
	SEATTLE	4.00 - 4.50	•	4.50 - 5.00		4.75 - 5.25		5.00 - 5.50		5.50 - 6.00	< <b>&gt;</b>	5.25 - 6.25	<b>•</b>
	S. CA: INLAND EMPIRE	4.75 - 5.25		5.00 - 5.50		5.00 - 5.50		5.50 - 6.00		6.00 - 6.50		6.50 - 7.00	•
	S. CA: LOS ANGELES	4.00 - 4.25		4.00 - 4.50		4.25 - 4.50	▼	4.50 - 5.00		_	_	_	_
	S. CA: ORANGE COUNTY	3.75 - 4.00	▼	_	_	4.00 - 5.25	▼	_	_	5.00 - 5.50		_	_
	WASHINGTON, D.C.	4.25 - 4.75		4.75 - 5.25	<b>4</b>	5.00 - 5.50		5.50 - 6.50	<b>4</b>	6.25 - 7.00	<b>4</b>	7.50 - 8.50	

			CLA	SS A		CLASS B			CLASS C				
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ATLANTA	4.50 - 5.00		5.75 - 6.25		5.00 - 5.50		6.00 - 6.50		6.00 - 6.50		7.00 - 7.50	<b>•</b>
	DALLAS/FORT WORTH	4.25 - 4.75	<b>4</b>	4.50 - 5.25		5.00 - 6.00		5.00 - 6.00		6.00 - 7.00	▼	6.00 - 7.00	•
	DENVER	4.50 - 5.00	<►	6.00 - 7.00		5.00 - 5.50	▼	6.50 - 7.50		5.50 - 6.25	▼	7.00 - 8.50	<b>A</b>
=	HOUSTON	4.50 - 5.00		4.25 - 4.75	<b>A</b>	5.25 - 5.75		5.75 - 6.25		6.00 - 6.50		7.25 - 8.00	
IER	MIAMI/S. FLORIDA	4.00 - 4.50	▼	4.75 - 5.25		4.25 - 4.75	▼	5.00 - 5.50		5.50 - 6.25	▼	6.25 - 7.00	•
F	MINNEAPOLIS	4.25 - 4.75	▼	4.75 - 5.25	<b>A</b>	4.75 - 5.25	▼	5.25 - 5.75	•	5.00 - 5.50	▼	5.75 - 6.25	•
	PHILADELPHIA	4.50 - 5.00	▼	6.50 - 7.00	<b>A</b>	5.50 - 6.00		7.00 - 7.75		6.25 - 6.75		7.50 - 8.00	
	PHOENIX	4.75 - 5.25		6.00 - 6.50		5.25 - 5.75	<b>4</b>	6.50 - 7.00		6.00 - 6.50	<b>A</b>	7.25 - 7.75	
	SAN DIEGO	3.75 - 4.25	▼	4.00 - 4.50		4.50 - 5.00		5.00 - 5.50	<►	5.00 - 5.50	<►	5.50 - 6.00	

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT - N/A



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#### MULTIFAMILY INFILL | UNITED STATES KEY RATES CONT.

		CLASS A					CLASS B			CLASS C			
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ALBUQUERQUE	5.75 - 6.25	<b>A</b>	6.50 - 7.00	•	5.75 - 6.50	▼	7.00 - 7.50	< <b>&gt;</b>	6.75 - 7.50		8.00 - 9.00	 
	AUSTIN	4.25 - 5.00		4.25 - 5.00	<b>.</b>	4.75 - 5.25	▼	4.75 - 5.25	▼	5.25 - 5.75		5.25 - 5.75	
	BALTIMORE	4.75 - 5.00		5.00 - 5.25	▼	5.00 - 5.75	▼	6.75 - 7.25		6.25 - 7.00		8.00 - 9.00	
	CHARLOTTE	4.50 - 5.00		4.50 - 5.00	<b>4</b>	5.00 - 5.50	<b>4</b>	5.00 - 5.50		5.50 - 6.00		5.50 - 6.00	<b>4</b>
	CINCINNATI	5.00 - 5.50	•	6.00 - 7.50		5.50 - 6.00	•	6.50 - 8.00	•	7.00 - 7.50	•	8.00 - 9.00	<b>A</b>
	CLEVELAND	6.50 - 7.00	▼	7.00 - 8.00	_	7.50 - 7.75		8.50 - 8.75	_	-	_	_	_
	COLUMBUS	5.00 - 6.00	•	6.00 - 6.50		6.25 - 7.25		7.00 - 7.50		7.50 - 9.50		8.75 - 9.25	< <b>&gt;</b>
	DETROIT	7.00 - 8.00	▼	7.50 - 8.50	▼	7.50 - 8.25	<b>4</b>	8.00 - 9.00	▼	9.50 - 11.50	<b>4</b>	9.50 - 10.50	▼
	HONOLULU	_	_	_	_	4.25	▼	_	_	-	_	_	-
	INDIANAPOLIS	5.00 - 5.50		5.75 - 6.25	▼	5.50 - 6.00	<b>A</b>	6.25 - 7.00	▼	6.75 - 7.50	_	7.50 - 10.00	<b>4</b>
	JACKSONVILLE	4.25 - 5.00	<b>A</b>	5.50 - 6.00	<►	4.75 - 5.50	<b>4</b>	6.00 - 6.50		6.00 - 6.50	<b>A</b>	6.50 - 7.00	<b>A</b>
≡	KANSAS CITY	4.75 - 5.25	▼	5.50 - 6.00	▼	5.00 - 5.50	▼	5.75 - 6.25	▼	6.00 - 6.50	▼	7.00 - 7.50	▼
TIER II	NASHVILLE	4.50 - 5.00	•	5.50 - 6.00	▼	5.25 - 5.75	▼	5.75 - 6.25	▼	6.00 - 6.50	•	6.75 - 7.25	•
	OKLAHOMA CITY	5.25 - 5.75	▼	7.25 - 7.75	▼	5.75 - 6.25	▼	8.25 - 9.25	▼	7.00 - 8.00		8.00 - 8.50	_
	ORLANDO	4.50 - 5.00		5.25 - 5.75		5.25 - 5.75	<b>A</b>	5.75 - 6.25		6.00 - 6.50		6.50 - 7.00	<b>A</b>
	PITTSBURGH	6.00 - 6.50	<b>A</b>	6.50 - 7.00	<b>A</b>	6.50 - 7.00	<b>4</b>	7.00 - 7.50		7.50 - 8.00	<b>A</b>	8.50 - 9.00	<b>4</b>
	PORTLAND	4.00 - 4.50		4.00 - 4.50		4.50 - 5.00		4.50 - 4.75		5.00 - 5.50		4.75 - 5.25	
	RALEIGH	4.50 - 5.00	▼	4.75 - 5.25	▼	5.00 - 5.25	▼	5.25 - 5.50	▼	6.00 - 6.50		6.50 - 7.00	
	RICHMOND	5.50 - 6.25	_	6.00 - 7.00	_	5.75 - 7.00	_	6.50 - 8.00	_	6.75 - 8.00	_	7.50 - 9.00	_
	SACRAMENTO	4.25 - 5.00		_	_	4.75 - 5.25	< <b>&gt;</b>	5.00 - 5.50		5.25 - 5.75	▼	5.75 - 6.25	< <b>&gt;</b>
	SALT LAKE CITY	5.00 - 5.50		5.50 - 5.75	▼	5.25 - 5.75	<b>4</b>	5.75 - 6.25	▼	6.00 - 6.50		6.00 - 6.50	▼
	SAN ANTONIO	4.75 - 5.50	▼	4.75 - 5.50	_	5.25 - 6.00	▼	5.50 - 6.25	▼	5.75 - 6.50	▼	6.00 - 6.75	▼
	ST. LOUIS	5.50 - 5.75	▼	_	_	6.00 - 6.50	▼	_	_	7.50 - 8.50	▼	_	_
	TAMPA	4.50 - 5.00		5.00 - 5.50	<b>.</b>	5.25 - 5.75	<b>4</b>	5.50 - 6.00	•	6.25 - 6.75		6.75 - 7.25	<b>4</b>

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A





#### MULTIFAMILY INFILL | CANADA KEY RATES

TIER	I	CLASS A	<b>\</b>
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
	TORONTO	3.25 - 4.00	▼

TIER	II	CLASS A				
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*			
	CALGARY	4.25 - 4.75	<b>A</b>			
	EDMONTON	4.50 - 5.00	▼			
	MONTREAL	4.75 - 5.00	•			
	VANCOUVER	3.50 - 4.00	•			

#### TIER III

CLASS A

	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
HALIFAX	5.00 - 5.50	▼
KITCHENER - WATERLOO	4.75 - 5.25	4
LONDON - WINDSOR	5.00 - 5.50	<b>4</b>
OTTAWA	3.75 - 4.50	▼
WINNIPEG	_	_

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A

#### MULTIFAMILY INFILL | UNITED STATES FORECAST TRENDS

		CLASS A		CLA	ASS B	CLASS C		
		CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
	BOSTON							
	CHICAGO							
	N. CA: SAN FRANCISCO							
	N. CA: SAN JOSE							
	NY: NEW YORK CITY							
~	NY: N. NEW JERSEY			_	-	_	_	
TIER	NY: STAMFORD							
	SEATTLE							
	S. CA: INLAND EMPIRE							
	S. CA: LOS ANGELES					_	_	
	S. CA: ORANGE COUNTY		_					
	WASHINGTON, D.C.							

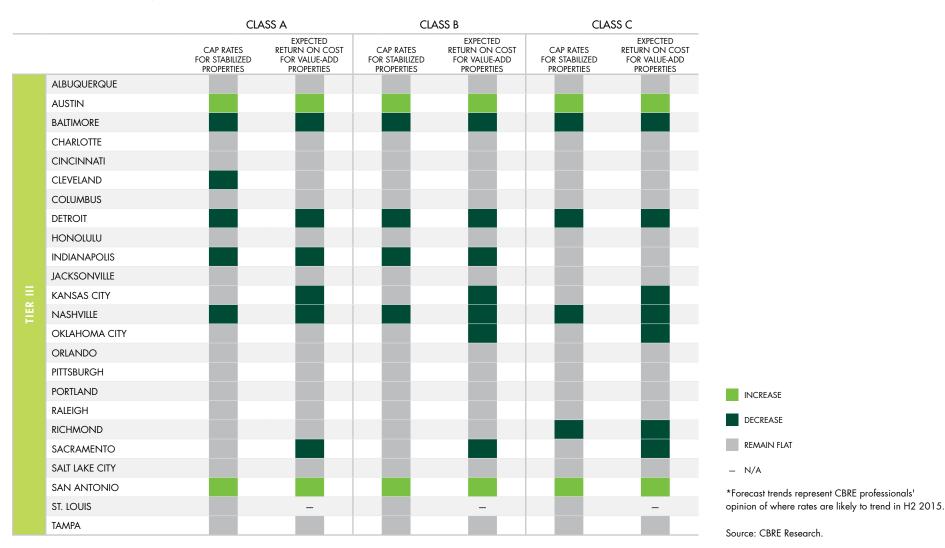
CLASS A CLASS C CLASS B EXPECTED EXPECTED EXPECTED RETURN ON COST RETURN ON COST CAP RATES RETURN ON COST CAP RATES CAP RATES FOR STABILIZED FOR VALUE-ADD FOR STABILIZED FOR VALUE-ADD FOR STABILIZED FOR VALUE-ADD PROPERTIES PROPERTIES PROPERTIES PROPERTIES PROPERTIES PROPERTIES ATLANTA DALLAS/FORT WORTH DENVER HOUSTON TIER II MIAMI/S. FLORIDA MINNEAPOLIS — N/A PHILADELPHIA PHOENIX SAN DIEGO



\*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015.

Source: CBRE Research.

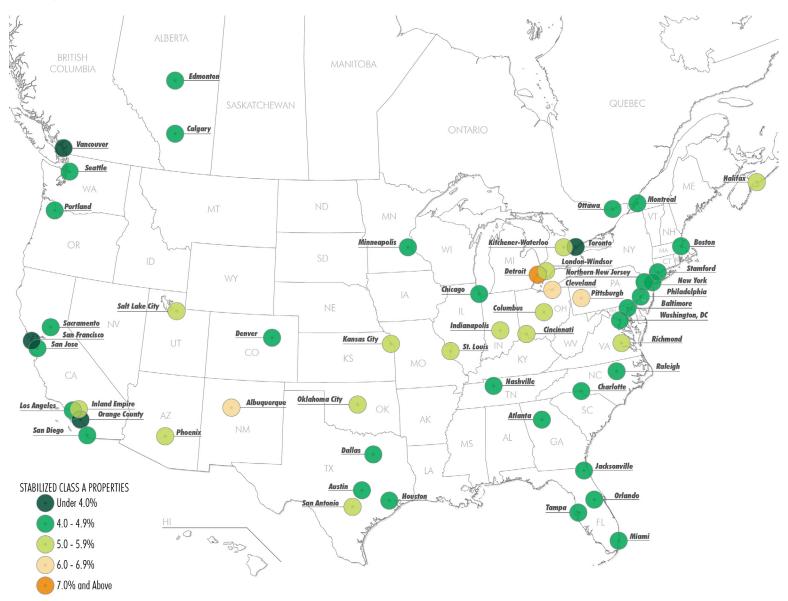
#### MULTIFAMILY INFILL | UNITED STATES FORECAST TRENDS CONT.





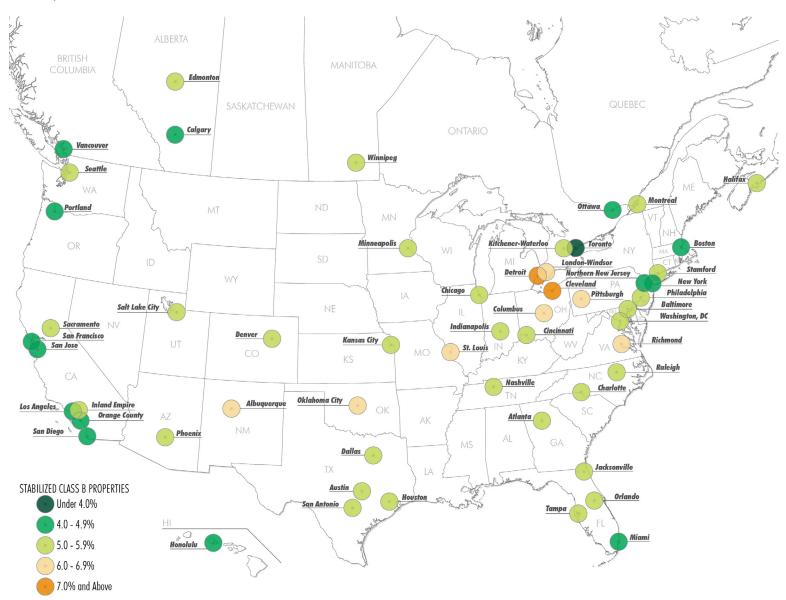
CAP RATE SURVEY				FIRST HALF 2015	
	INDUSTRIAL	TH RETAIL	MULTIFAMILY	APPENDIX >	

#### MULTIFAMILY INFILL | CLASS A CAP RATES



CAP RATE SURVEY					FIRST HALF 2015
	DFFICE	INDUSTRIAL	TH RETAIL	A HOTEL	APPENDIX >

#### MULTIFAMILY INFILL | CLASS B CAP RATES



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## MULTIFAMILY SUBURBAN | UNITED STATES KEY RATES

		CLASS A				CLASS B			CLASS C				
		Cap Rates For stabilized Properties (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	BOSTON	4.50 - 5.00	<►	5.75 - 6.25		5.00 - 5.50	<►	6.50 - 7.00	<►	6.25 - 6.75		7.00 - 7.50	<b>4</b>
	CHICAGO	5.00 - 5.25	<►	5.25 - 5.50	▼	5.50 - 5.75	<►	5.50 - 5.75	•	6.50 - 7.00		6.25 - 6.50	▼
	N. CA: SAN FRANCISCO	3.75 - 4.25	<b></b>	4.00 - 4.50	•	4.25 - 4.75	<b></b>	4.25 - 4.75		4.75 - 5.25		4.50 - 5.00	•
	N. CA: SAN JOSE	4.00 - 4.50	<b></b>	4.00 - 4.75	▼	4.25 - 4.75	<b>&lt;</b>	4.25 - 5.00	▼	4.50 - 5.00	<b>•</b>	4.50 - 5.25	▼
_	NY: N. NEW JERSEY	4.75 - 5.25		5.75 - 6.25		5.50 - 6.00		6.50 - 7.00		_	_	_	_
TIER	NY: STAMFORD	5.50 - 6.00	<►	6.25 - 6.75		6.50 - 7.00	<►	7.00 - 7.50	<►	_	_	_	_
	SEATTLE	4.50 - 5.00	•	4.75 - 5.00	▼	5.00 - 5.50	<►	5.25 - 5.75	<►	6.00 - 6.50		6.00 - 6.50	<b>A</b>
	S. CA: INLAND EMPIRE	4.75 - 5.25	<b>∢</b> ►	5.00 - 5.50	< <b>&gt;</b>	5.00 - 5.50	<b>∢</b> ►	5.50 - 6.00	<b>4</b>	6.00 - 6.50	<b>4</b>	6.50 - 7.00	<b>4</b>
	S. CA: LOS ANGELES	4.75 - 5.00	▼	4.50 - 5.00		4.75 - 5.25	▼	5.50 - 6.00		_	_	_	_
	S. CA: ORANGE COUNTY	4.00	▼	_	_	4.00 - 5.25	▼	_	_	5.25 - 6.00	▼	_	_
	WASHINGTON, D.C.	4.50 - 5.25	▼	4.75 - 5.50	▼	5.25 - 5.75	▼	5.75 - 6.50	▼	6.00 - 6.75	▼	6.75 - 7.75	<b>•</b>

		CLASS A			CLASS B			CLASS C					
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ATLANTA	5.00 - 5.50		6.00 - 6.50	<b>A</b>	5.50 - 6.00	<b>A</b>	6.50 - 7.00		6.25 - 6.75	<b>A</b>	7.25 - 7.75	
	DALLAS/FORT WORTH	4.75 - 5.25	▼	4.50 - 5.25	▼	5.50 - 6.00		5.25 - 5.75	•	6.75 - 7.50	<b>∢</b> ►	8.00 - 9.00	
	DENVER	5.00 - 5.50		6.00 - 7.00		5.50 - 6.00		6.75 - 7.50	<b>A</b>	5.75 - 6.25	•	7.50 - 9.00	•
=	HOUSTON	5.25 - 5.75		5.25 - 5.75	▼	5.75 - 6.25	<b>∢</b> ►	6.00 - 6.50	<b>•</b>	7.00 - 7.50	<b>∢</b> ►	7.50 - 8.00	
ER	MIAMI/S. FLORIDA	4.50 - 5.00	•	5.25 - 5.75		4.75 - 5.25	•	5.25 - 5.75		6.25 - 7.00	•	7.00 - 7.75	•
F	MINNEAPOLIS	5.00 - 5.25	<►	5.50 - 5.75		5.25 - 5.75	<b>∢</b> ►	6.00 - 6.50	<b>4</b>	6.00 - 6.50	▼	6.50 - 7.00	▼
	PHILADELPHIA	4.75 - 5.25	▼	6.50 - 7.00		5.75 - 6.25	<►	7.00 - 7.50	<b>4</b>	6.25 - 7.00		7.50 - 8.00	<b>•</b>
	PHOENIX	5.00 - 5.25	<b>∢</b> ►	6.25 - 6.50		5.25 - 5.75	▼	6.50 - 7.00		6.00 - 6.50		7.25 - 7.75	▼
	SAN DIEGO	4.25 - 4.75		4.25 - 4.75		4.75 - 5.25		5.00 - 5.50	<b>•</b>	5.25 - 5.75		5.50 - 6.00	

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT - N/A



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## MULTIFAMILY SUBURBAN | UNITED STATES KEY RATES CONT.

		CLASS A					CLA	SS B		CLASS C			
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ALBUQUERQUE	5.75 - 6.25	<b>•</b>	6.50 - 7.00	▼	5.75 - 6.50	▼	7.00 - 7.50	<b>4</b>	6.75 - 7.50	•	8.00 - 9.00	<b>4</b>
	AUSTIN	4.50 - 5.25	▼	4.50 - 5.00	▼	4.75 - 5.75	▼	4.75 - 5.50	▼	5.25 - 6.25	•	5.00 - 6.25	▼
	BALTIMORE	5.00 - 5.50		5.25 - 5.75	▼	5.25 - 5.75	▼	6.75 - 7.25	▼	6.25 - 7.00	•	8.00	•
	CHARLOTTE	5.00 - 5.25		5.00 - 5.25		5.25 - 5.75	<b>∢</b> ►	5.25 - 5.75	<b></b>	6.00 - 6.50	<b>4</b>	6.00 - 6.50	<b>4</b>
	CINCINNATI	5.50 - 6.00	▼	7.00 - 8.00		6.00 - 6.50	▼	7.50 - 8.50	•	7.75 - 9.25	•	8.50 - 9.50	•
	CLEVELAND	6.50 - 7.50		7.50 - 8.50	_	6.75 - 7.75		_	_	8.00 - 10.00	▼	9.00 - 11.00	_
	COLUMBUS	5.50 - 6.50	•	6.25 - 6.75		6.50 - 7.50	•	7.25 - 7.75	<b>•</b>	7.75 - 9.00	•	8.75 - 9.25	<b>•</b>
	DETROIT	6.25 - 7.25	▼	7.00 - 8.00	•	7.00 - 8.00	▼	7.50 - 8.50	•	8.25 - 9.25	•	9.50 - 10.50	▼
	INDIANAPOLIS	5.25 - 5.75		7.00 - 8.00		5.75 - 6.25		7.50 - 8.50	<b>•</b>	7.00 - 8.25		8.00 - 10.00	•
	JACKSONVILLE	4.75 - 5.50	▼	5.50 - 6.00	•	5.75 - 6.75		6.25 - 7.00		6.75 - 7.75		7.50 - 8.00	▼
	KANSAS CITY	5.00 - 5.50	▼	5.50 - 6.00	▼	5.25 - 5.75	▼	6.00 - 6.50	▼	6.50 - 7.00	•	7.25 - 7.75	•
≣	LAS VEGAS	5.00 - 5.25		5.25 - 5.50	▼	5.25 - 5.75	▼	5.50 - 6.00	<b>•</b>	6.25 - 7.00	▼	6.50 - 7.25	▼
TIER	NASHVILLE	4.75 - 5.50	▼	5.75 - 6.25	•	5.50 - 6.00	▼	6.00 - 6.50	•	6.00 - 6.50		6.75 - 7.25	•
	OKLAHOMA CITY	5.50 - 6.00	▼	7.75 - 8.25	▼	5.75 - 6.50	▼	8.75 - 9.25	▼	7.25 - 8.25	▼	8.25 - 8.75	_
	ORLANDO	4.75 - 5.25		5.00 - 5.50		5.50 - 6.00		6.00 - 6.50		6.50 - 7.00		7.50 - 8.00	•
	PITTSBURGH	6.00 - 6.50		6.50 - 7.00		6.50 - 7.00	<►	7.00 - 7.50	<b>4</b>	7.50 - 8.00	<b>•</b>	8.50 - 9.00	•
	PORTLAND	5.00 - 5.25		4.50 - 5.00		5.25 - 5.75		5.00 - 5.50		5.50 - 6.00		5.50 - 6.00	•
	RALEIGH	4.75 - 5.25	▼	5.00 - 5.50	▼	5.25 - 5.50	▼	5.50 - 5.75	▼	6.50 - 7.00	▼	6.75 - 8.00	▼
	RICHMOND	5.75 - 6.25	_	6.25 - 7.00	-	6.00 - 7.25	_	6.75 - 8.00	_	7.00 - 8.50	_	8.00 - 9.75	_
	SACRAMENTO	4.50 - 5.25	<b></b>	4.75 - 5.25	•	5.25 - 5.75		5.50 - 6.00	<b>•</b>	5.75 - 6.25		6.25 - 7.00	
	SALT LAKE CITY	5.00 - 5.50	▼	5.50 - 5.75	▼	5.25 - 5.75	_	5.75 - 6.25	▼	6.00 - 6.50	_	6.00 - 6.50	▼
	SAN ANTONIO	5.00 - 5.75	•	5.00 - 5.75	▼	5.25 - 6.00	▼	5.50 - 6.25	▼	5.75 - 6.50	▼	6.00 - 6.75	▼
	ST. LOUIS	5.50 - 5.75	▼	_	-	6.00 - 6.75	▼	_	_	7.25 - 8.25	▼	—	_
	TAMPA	4.75 - 5.25	•	5.25 - 5.75	•	5.50 - 6.00	•	6.00 - 6.50		6.50 - 7.00	•	7.00 - 7.50	

▲ INCREASE ▼ DECREASE ◀► REMAIN FLAT - N/A





## MULTIFAMILY SUBURBAN | CANADA KEY RATES

TIER I		CLASS I	3
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
TORONTO		4.25 - 5.00	•

TIER	II	CLASS B				
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*			
	CALGARY	4.75 - 5.25	<b>A</b>			
	EDMONTON	6.00 - 6.50	<b>4</b>			
	MONTREAL	5.75 - 6.75	▼			
	VANCOUVER	4.50 - 5.00	4			

TIER III

CLASS B

	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*
HALIFAX	5.75 - 6.25	▼
KITCHENER - WATERLOO	6.00 - 6.50	
LONDON - WINDSOR	6.00 - 7.00	
OTTAWA	4.75 - 5.50	▼
WINNIPEG	5.75 - 6.00	

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT - N/A

## MULTIFAMILY SUBURBAN | UNITED STATES FORECAST TRENDS

		CLA	ASS A	CLA	ASS B	CLASS C		
		CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	CAP RATES FOR STABILIZED PROPERTIES	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES	
	BOSTON							
	CHICAGO							
	n. ca: san francisco							
	n. ca: san jose							
_	NY: N. NEW JERSEY							
TIER	NY: STAMFORD							
	SEATTLE							
	S. CA: INLAND EMPIRE							
	S. CA: LOS ANGELES					_	_	
	S. CA: ORANGE COUNTY		_					
	WASHINGTON, D.C.							

CLASS A CLASS B CLASS C EXPECTED RETURN ON COST EXPECTED RETURN ON COST EXPECTED CAP RATES CAP RATES RETURN ON COST CAP RATES FOR STABILIZED FOR VALUE-ADD FOR STABILIZED FOR VALUE-ADD FOR STABILIZED FOR VALUE-ADD PROPERTIES PROPERTIES PROPERTIES PROPERTIES PROPERTIES PROPERTIES ATLANTA DALLAS/FORT WORTH INCREASE DENVER DECREASE HOUSTON TIER II REMAIN FLAT MIAMI/S. FLORIDA MINNEAPOLIS — N/A PHILADELPHIA \*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015. PHOENIX SAN DIEGO Source: CBRE Research.

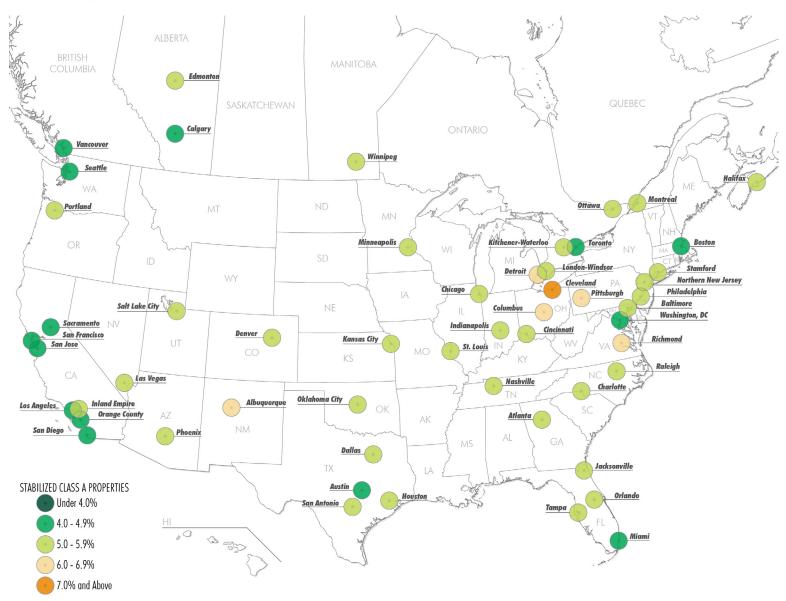
# MULTIFAMILY SUBURBAN | UNITED STATES FORECAST TRENDS CONT.



**CBRE** 

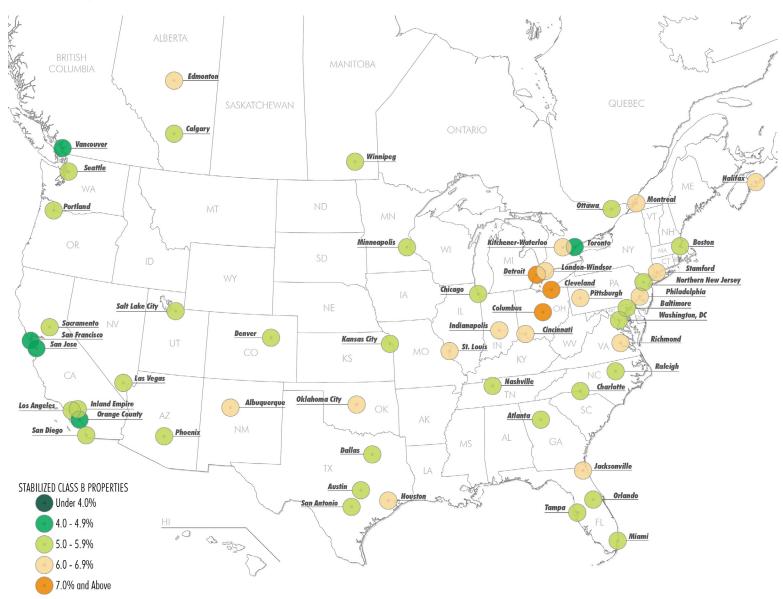
CAP RATE SURVEY					FIRST HALF 2015
<		T RETAIL	▲ MULTIFAMILY	A HOTEL	APPENDIX >

## MULTIFAMILY SUBURBAN | CLASS A CAP RATES



CAP RATE SURVEY				FIRST HALF 2015
<		T RETAIL	HOTEL	APPENDIX >

## MULTIFAMILY SUBURBAN | CLASS B CAP RATES



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# 🔇 🛄 OVERVIEW 🏦 OFFICE 📟 INDUSTRIAL 🐨 RETAIL 🏠 MULTIFAMILY 🛆 HOTEL 🖾 APPENDIX

## HOTEL | UNITED STATES OVERVIEW

Investment in U.S. hotels totaled \$26.9 billion in H1 2015, 67% greater than the same period last year, according to Real Capital Analytics. The number of properties increased by 58%, suggesting that the strong investment activity in this sector has been spurred more by improving liquidity rather than pricing, and that investment is moving further out along the quality spectrum.

Additionally, within RCA's two principal hotel categories—full-service and limitedservice—74% of acquisitions (based on the number of deals) year-to-date were for limited-service hotels as opposed to full-service, up from the 64% share recorded last year. It should be noted, however, that investment demand remains strongest for select-service properties and these assets can be found in both the RCA categories.

On a national level, the vast majority of hotel investors are domestic; however this is not necessarily the case for gateway cities where international buyers often dominate the investor pool. A significant proportion of investment also comes from a limited number of large entities, which in some ways can provide resistance to price volatility in this sector. The largest country sources of cross-border hotel acquisitions, year-to-date through June are China, South Korea, the United Arab Emirates and Qatar.

Cap rates for acquisitions currently stand at historical lows and are unlikely to compress further, as illustrated by the subdued movements captured by this survey. Also, prices per room-typically the more dominant statistic when analyzing hotel acquisitions-are achieving historical highs to the point where an increasing number of investors are finding it equally cost effective to build as opposed to buy.

#### FIGURE 32. HOTEL CBD - CAP RATES FOR STABILIZED PROPERTIES

METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
	LUXURY	6.73	6.74	1
ALL	FULL-SERVICE	7.43	7.28	-14
ALL	SELECT-SERVICE	7.78	7.69	-9
	ECONOMY	8.91	8.77	-14
	LUXURY	6.18	6.29	11
	FULL-SERVICE	6.96	6.85	-11
I	SELECT-SERVICE	7.58	7.47	-11
	ECONOMY	8.54	8.37	-16
	LUXURY	7.01	6.92	-9
п	FULL-SERVICE	7.59	7.40	-18
II	SELECT-SERVICE	7.72	7.65	-7
	ECONOMY	9.15	9.00	-15
	LUXURY	7.42	7.41	0
	FULL-SERVICE	8.06	7.95	-12
III	SELECT-SERVICE	8.12	8.07	-5
	ECONOMY	9.33	9.26	-7

#### Source: CBRE Research.

Overall, national cap rates remained broadly stable in H1 2015 compared to H2 2014, as most movement remained within 25 bps of the last reported figure. Slight compression was recorded across all CBD tiers with the exception of the Tier I luxury segment, which registered no significant change. It is possible that hotel pricing—as measured by cap rates—has peaked for high-end product in the top tier markets, but it is too early to definitively make that call. (See page 5 for more discussion on tier selection methodology and page 84 for Key Rate tables for metros in each tier.)

## HOTEL | UNITED STATES OVERVIEW CONT.

Suburban hotel cap rates declined slightly from H2 2014, but only a handful of markets experienced a dip greater than 25 bps. The largest cap rate declines in suburban hotels were experienced in Tier II markets.

At the metro level, Boston registered a 100 bps increase in cap rates for CBD luxury properties, as opposed to notable decreases for full-service assets in its CBD and suburban areas. Within Tier I markets, Washington, D.C. experienced the most broad-

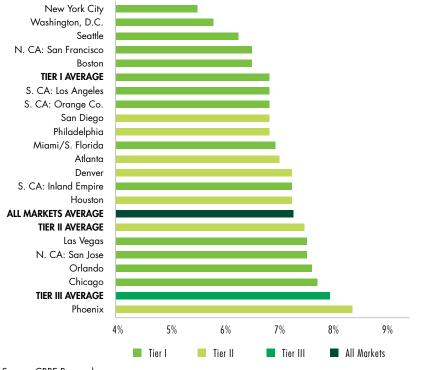


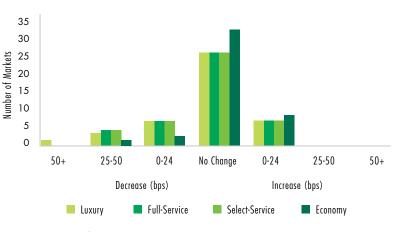
FIGURE 33. HOTEL FULL-SERVICE CBD CAP RATES, H1 2015 - TIER I & II METROS

Source: CBRE Research.

based compression. In Tier II, Atlanta registered the most widespread decreases, with the remainder of the metros experiencing relatively little change. The only notable cap rate expansion at the national level, which occurred among suburban select-service and economy assets, appears to have been driven by increases in the Midwestern industrial metros of Cincinnati, Cleveland and Columbus.

Over the next six months, cap rates for acquisitions of stabilized hotel properties are expected to remain broadly stable (62% of markets should experience no change), with any notable compression isolated to a handful of Tier I metros such as Las Vegas and Orlando and Tier III metros including Tampa, Jacksonville, Austin and Pittsburgh. There are few indications that investor demand will temper before the end of the year, but new supply in some major, urban markets is one factor that investors are monitoring closely.





Source: CBRE Research.



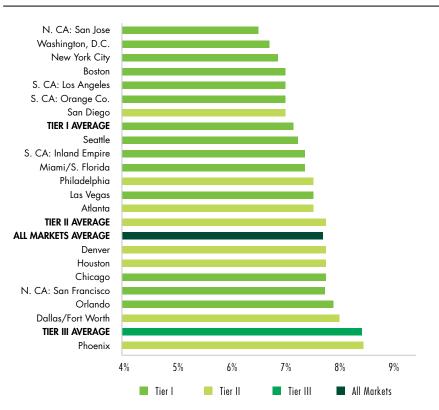
## HOTEL | UNITED STATES OVERVIEW CONT.

#### FIGURE 35. HOTEL SUBURBAN - CAP RATES FOR STABILIZED PROPERTIES

METRO TIER	CLASS	H2 2014 (%)	H1 2015 (%)	CHANGE (bps)
	LUXURY	7.20	7.18	-1
ALL	FULL-SERVICE	7.82	7.69	-13
ALL	SELECT-SERVICE	8.11	8.13	2
	ECONOMY	9.28	9.16	-11
	LUXURY	6.89	6.90	1
	FULL-SERVICE	7.40	7.29	-11
I	SELECT-SERVICE	8.02	7.97	-5
	ECONOMY	9.02	8.82	-20
	LUXURY	7.30	7.18	-11
п	FULL-SERVICE	7.92	7.72	-20
II	SELECT-SERVICE	8.03	7.86	-17
	ECONOMY	9.41	9.19	-22
	LUXURY	7.62	7.66	5
	FULL-SERVICE	8.42	8.35	-7
III	SELECT-SERVICE	8.30	8.59	29
	ECONOMY	9.59	9.72	13

Source: CBRE Research.

# FIGURE 36. HOTEL FULL-SERVICE SUBURBAN CAP RATES, H1 2015 - TIER I & II METROS



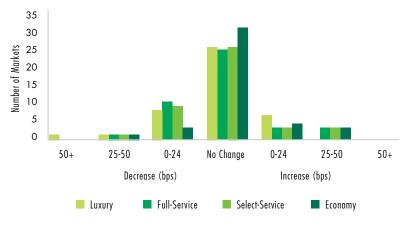
Source: CBRE Research.





## HOTEL | UNITED STATES OVERVIEW CONT.

FIGURE 37. HOTEL SUBURBAN - EXPECTED CHANGE OF CAP RATES FOR STABILIZED ASSETS, H2 2015



Source: CBRE Research.

Select from the list below to access the current **key rates**, **forecasts** and **maps**.

HOTEL



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## HOTEL | UNITED STATES KEY RATES

			LUX	URY		FULL-SERVICE			
		CBD CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	BOSTON	6.00 - 7.00	<b>A</b>	—	—	6.00 - 7.00		6.50 - 7.50	<b>A</b>
	CHICAGO	6.00 - 6.50	<b>4</b>	7.00 - 8.00		6.75 - 8.75	•	7.25 - 8.25	•
	LAS VEGAS	7.00 - 8.00	<b>4</b>	7.00 - 8.00		7.00 - 8.00	▼	7.00 - 8.00	•
	MIAMI/S. FLORIDA	5.50 - 6.25		6.25 - 7.00		6.50 - 7.25	▼	7.00 - 7.75	•
	NEW YORK	3.50 - 5.00	<b>4</b>	5.50 - 7.00		5.00 - 6.00	•	6.00 - 7.75	<b>~</b>
_	N. CA: SAN FRANCISCO	5.00 - 6.00	<b>4</b>	5.50 - 7.00	•	6.00 - 7.00	•	7.00 - 8.50	<b>~</b>
IER	n. ca: san jose	6.50 - 7.50	<b>4</b>	6.50 - 7.50		7.00 - 8.00	•	6.00 - 7.00	<b>~</b>
F	ORLANDO	6.00 - 8.00	<b>4</b>	6.25 - 8.00		6.75 - 8.50	<►	7.00 - 8.75	<b>4</b> ►
	SEATTLE	5.75 - 6.25	▼	6.50 - 7.50		6.00 - 6.50	▼	7.00 - 7.50	<b>~</b>
	S. CA: INLAND EMPIRE	6.50 - 7.50	<b>A</b>	6.50 - 7.50	<b>A</b>	7.00 - 7.50	<b>A</b>	7.25 - 7.50	
	S. CA: LOS ANGELES	6.00 - 7.00	                               	6.00 - 7.00	•	6.50 - 7.00	•	6.75 - 7.25	<►
	S. CA: ORANGE COUNTY	6.00 - 7.00	4	6.00 - 7.00	•	6.50 - 7.00	•	6.75 - 7.25	<b>~</b>
	WASHINGTON, D.C.	5.00 - 6.50		6.50 - 7.00	▼	5.00 - 6.50	▼	6.50 - 7.00	•

			LUXURY					FULL-SERVICE				
		CBD CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*			
	ATLANTA	6.00 - 6.75	▼	6.50 - 7.25	▼	6.50 - 7.50	•	7.00 - 8.00	•			
	DALLAS/FORT WORTH	7.25 - 8.25	•	7.25 - 8.25	•	7.50 - 8.50	•	7.50 - 8.50	•			
=	DENVER	6.50 - 7.00	•	7.00 - 7.50	<b>A</b>	7.00 - 7.50	▼	7.50 - 8.00	<b>A</b>			
IER	HOUSTON	6.50 - 7.50	•	7.00 - 8.00	•	6.75 - 7.75	•	7.25 - 8.25	•			
F	PHILADELPHIA	5.75 - 6.25	•	6.25 - 6.75	•	6.50 - 7.00	•	7.25 - 7.75	•			
	PHOENIX	6.75 - 8.00	▼	6.75 - 8.00	▼	7.75 - 9.00	▼	7.75 - 9.00	▼			
	SAN DIEGO	6.00 - 7.00	•	6.00 - 7.00	4	6.50 - 7.00	•	6.75 - 7.25	•			

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT – N/A

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## HOTEL | UNITED STATES KEY RATES CONT.

		LUX	URY			FULL-SERVICE				
	CBD CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*		
ALBUQUERQUE	7.25 - 7.75	•	7.75 - 8.25	<►	7.75 - 8.50	•	8.25 - 8.75	<b>4</b>		
AUSTIN	6.50 - 7.50	•	6.75 - 7.75	•	6.75 - 7.75		7.00 - 8.00	<b>4</b>		
BALTIMORE	6.00 - 7.50	▼	7.50 - 9.00	<b>A</b>	7.00 - 8.00		8.00 - 9.00			
CHARLOTTE	6.25 - 8.00	▼	6.25 - 8.00	▼	6.25 - 8.00	▼	6.25 - 8.00	▼		
CINCINNATI	7.00 - 8.00	•	7.00 - 8.00	•	7.50 - 8.50		8.00 - 9.00			
CLEVELAND	7.00 - 8.00	•	7.00 - 8.00	▼	7.50 - 8.50	•	8.00 - 9.00	<b>.</b>		
COLUMBUS	7.00 - 8.00	•	7.00 - 8.00	•	7.50 - 8.50	•	8.00 - 9.00			
DETROIT	8.00 - 8.50	•	8.00 - 9.00	•	8.00 - 9.00	▼	8.50 - 9.50	▼		
HONOLULU	_	_	5.00 - 7.00	<b>A</b>	-	_	_	_		
INDIANAPOLIS	7.00 - 8.50	▼	8.00 - 9.50	▼	7.00 - 10.00	▼	8.00 - 10.50	▼		
JACKSONVILLE	6.75 - 8.25	▼	7.00 - 8.25	▼	7.50 - 8.75	▼	7.75 - 9.00	▼		
JACKSONVILLE KANSAS CITY	7.00 - 8.50	•	7.00 - 8.50	•	7.00 - 9.00	•	7.00 - 9.00	<b>4</b>		
MINNEAPOLIS	6.00 - 7.50	•	6.50 - 7.50	•	6.00 - 8.00	•	7.00 - 9.00	•		
NASHVILLE	7.00 - 7.50	•	_	_	7.00 - 8.00	•	7.50 - 8.50	•		
OKLAHOMA CITY	7.25 - 8.25	•	7.75 - 8.75	<b>A</b>	7.75 - 8.75	•	8.00 - 9.00			
PITTSBURGH	6.50 - 7.50	▼	6.50 - 7.50	▼	7.50 - 8.50	•	7.50 - 8.50	•		
PORTLAND	6.75 - 7.25	•	7.00 - 7.50	•	7.00 - 7.50	•	7.25 - 7.75	•		
SACRAMENTO	_	_	_	_	8.00 - 9.00	•	9.00 - 10.00	•		
SALT LAKE CITY	5.75 - 7.75	•	6.50 - 8.50	•	7.75 - 8.50	▼	8.00 - 9.00	▼		
SAN ANTONIO	7.75 - 8.75	•	7.75 - 8.75	•	8.00 - 9.00	•	8.00 - 9.00	•		
ST. LOUIS	7.00 - 9.00	<b>A</b>	7.50 - 9.50	<b>A</b>	7.50 - 10.50	<b>A</b>	8.00 - 10.50	<b>A</b>		
TAMPA	6.25 - 8.00	٩٢	6.50 - 8.00		7.00 - 8.50	                                  	7.25 - 8.75	•		

## HOTEL | UNITED STATES KEY RATES CONT.

			SELECT-	SERVICE		ECONOMY				
		CBD CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	
	BOSTON	6.00 - 7.00	▼	7.00 - 8.00	▼	-	-	8.00 - 10.00	▼	
	CHICAGO	7.50 - 8.50	4	7.25 - 8.25	▼	8.00 - 10.00		8.50 - 10.50	•	
	LAS VEGAS	8.00 - 9.00	▼	8.00 - 9.00	▼	8.50 - 10.00	•	8.50 - 10.00	•	
	MIAMI/S. FLORIDA	7.00 - 7.75	▼	7.50 - 8.25	▼	7.75 - 8.75	▼	8.25 - 9.25	▼	
	NEW YORK	5.25 - 7.00	4	7.00 - 8.50	•	6.25 - 7.50	•	8.00 - 10.00	•	
_	N. CA: SAN FRANCISCO	7.00 - 8.00	4	8.50 - 10.00		8.00 - 10.00	•	8.00 - 10.50	▼	
TIER	n. ca: san jose	7.50 - 9.50	4	7.00 - 8.00	•	9.00 - 11.00	•	8.00 - 10.50	▼	
F	ORLANDO	8.00 - 9.50	4	8.25 - 10.00	•	9.50 - 10.75	<b>A</b>	9.50 - 11.00	<b>A</b>	
	SEATTLE	6.25 - 6.75	▼	7.25 - 8.00	•	7.50 - 8.50	•	8.25 - 9.25	•	
	S. CA: INLAND EMPIRE	7.25 - 7.75	<b></b>	7.25 - 7.75	<b>A</b>	7.50 - 8.00	•	7.75 - 8.25	<b>A</b>	
	S. CA: LOS ANGELES	6.75 - 7.25	•	7.00 - 7.50	•	7.50 - 8.00	•	7.25 - 7.75	•	
	S. CA: ORANGE COUNTY	6.75 - 7.25	4	7.00 - 7.50	•	7.50 - 8.00	•	7.25 - 7.75	•	
	WASHINGTON, D.C.	6.00 - 7.00	▼	7.00 - 8.00	•	6.00 - 7.00	▼	7.00 - 8.00	▼	

			SELECT	SERVICE			ECONOMY				
		CBD CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*		
	ATLANTA	7.75 - 8.50	▼	8.00 - 8.75	•	8.00 - 8.75	▼	8.75 - 9.50	▼		
	DALLAS/FORT WORTH	7.25 - 8.25	•	7.25 - 8.25	< <b>&gt;</b>	8.25 - 10.75		8.25 - 10.25	•		
=	DENVER	7.50 - 8.00	<b>A</b>	7.50 - 8.00	•	8.50 - 9.00	<b>A</b>	9.00 - 9.50	<b>A</b>		
Ë	HOUSTON	6.50 - 7.50	•	7.00 - 8.00	<►	7.75 - 10.50	•	8.00 - 10.50	•		
F	PHILADELPHIA	7.00 - 8.00	•	7.75 - 8.25	•	8.75 - 9.25		9.50 - 10.00			
	PHOENIX	7.50 - 9.00	▼	7.50 - 9.00	•	9.50 - 11.00	•	9.50 - 11.00	•		
	SAN DIEGO	6.75 - 7.25	•	7.00 - 7.50	•	7.50 - 8.00		7.25 - 7.75			

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT – N/A

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# 🔇 🛄 OVERVIEW 🥼 OFFICE 📟 INDUSTRIAL 🐨 RETAIL 🏠 MULTIFAMILY 📥 HOTEL 📖 APPENDIX

## HOTEL | UNITED STATES KEY RATES CONT.

			SELECT-	SERVICE			ECON	NOMY	
		CBD CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	EXPECTED RETURN ON COST FOR VALUE-ADD PROPERTIES (%)	DIRECTION*
	ALBUQUERQUE	8.00 - 8.50		8.50 - 9.00	<b>A</b>	9.00 - 9.50	<b>A</b>	9.00 - 9.50	•
	AUSTIN	6.50 - 7.50		6.75 - 7.75		7.75 - 10.25	•	8.00 - 10.50	•
	BALTIMORE	7.00 - 8.50	▼	8.00 - 9.00	<►	7.00 - 8.50	▼	8.00 - 9.00	▼
	CHARLOTTE	6.50 - 8.50	▼	6.50 - 8.50	▼	8.00 - 10.00		8.00 - 10.00	
	CINCINNATI	7.50 - 8.50	▼	8.50 - 9.50	<b>A</b>	9.00 - 10.00	<b>A</b>	10.00 - 12.00	<b>A</b>
	CLEVELAND	7.50 - 8.50	▼	8.50 - 9.50	<b>A</b>	9.00 - 10.00		10.00 - 12.00	
	COLUMBUS	7.50 - 8.50	▼	8.50 - 9.50	<b>A</b>	9.00 - 10.00	<b>A</b>	10.00 - 12.00	<b>A</b>
	DETROIT	8.50 - 9.50	▼	9.00 - 10.00	<►	9.50 - 11.00	▼	9.50 - 11.00	▼
	HONOLULU	5.00 - 7.00		_	_	5.00 - 7.00	▼	_	_
	INDIANAPOLIS	7.50 - 9.00	▼	8.00 - 10.00		9.00 - 11.00	<b>A</b>	9.50 - 11.50	<b>A</b>
TIER III	JACKSONVILLE	8.50 - 9.75	▼	8.75 - 9.75	•	9.75 - 11.00	▼	9.75 - 11.00	▼
Ē	KANSAS CITY	7.50 - 9.00		7.50 - 9.00		9.50 - 11.00	•	9.50 - 11.00	•
	MINNEAPOLIS	7.00 - 8.50		7.50 - 9.50		7.00 - 9.50	•	8.00 - 10.00	•
	NASHVILLE	7.50 - 8.50	•	8.00 - 9.00	•	_	_	8.50 - 9.50	•
	OKLAHOMA CITY	7.50 - 8.50		7.75 - 8.75	<b>A</b>	8.50 - 10.75	•	8.75 - 11.00	<b>A</b>
	PITTSBURGH	8.00 - 9.00	•	7.50 - 8.50	•	8.50 - 9.50	•	8.50 - 9.50	•
	PORTLAND	7.25 - 7.75		7.50 - 8.00		8.00 - 8.50	•	8.25 - 8.75	•
	SACRAMENTO	8.00 - 9.00	•	9.50 - 10.50		9.00 - 11.00	•	9.00 - 11.00	•
	SALT LAKE CITY	6.75 - 7.75	•	7.00 - 8.00	▼	7.75 - 8.75	•	8.00 - 9.00	▼
	SAN ANTONIO	7.75 - 8.75	•	7.75 - 8.75	•	8.75 - 11.25	•	8.75 - 11.25	•
	ST. LOUIS	8.00 - 10.00	<b>A</b>	8.00 - 10.00	<b>A</b>	9.00 - 10.00	▼	9.00 - 10.00	▼
	TAMPA	8.00 - 9.50		8.50 - 10.00	<►	9.50 - 10.75	<b>A</b>	9.50 - 11.00	•

🔇 🛄 OVERVIEW 🏦 OFFICE 📟 INDUSTRIAL 🐨 RETAIL 🏠 MULTIF	AMILY 📥 HOTEL 🖾 APPENDIX 📀
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# HOTEL | CANADA KEY RATES

TIER I	FULL-SER	RVICE	SUBURBAN		
	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	
TORONTO	6.50 - 7.50	▼	7.25 - 8.75	•	

TIER I	I	FULL-SER	VICE	SUBURBAN		
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	
	CALGARY	7.75 - 8.75		9.25 - 10.25	<b></b>	
	EDMONTON	7.75 - 8.75	<b></b>	10.00 - 10.50		
	MONTREAL	7.50 - 8.50	•	9.25 - 10.25	<b>4</b>	
	VANCOUVER	6.50 - 7.50		7.50 - 8.50	<b>4</b>	

TIER	111	FULL-SER	RVICE	SUBURBAN		
		CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	CAP RATES FOR STABILIZED PROPERTIES (%)	DIRECTION*	
	HALIFAX	8.75 - 9.75	•	9.50 - 10.50	•	
	KITCHENER - WATERLOO	8.50 - 9.00	▼	8.50 - 9.00	▼	
	LONDON - WINDSOR	8.50 - 9.50	▼	8.50 - 10.00	•	
	OTTAWA	7.25 - 8.25	▼	8.50 - 9.50	•	
	WINNIPEG	8.00 - 9.00	•	9.50 - 10.50	•	

▲ INCREASE ▼ DECREASE ◆ REMAIN FLAT - N/A



## HOTEL | UNITED STATES FORECAST TRENDS

		LUX	URY	FULL-SI	ERVICE	SELECT-	SERVICE	ECON	IOMY
		CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES
	BOSTON								
	CHICAGO								
	LAS VEGAS								
	MIAMI/S. FLORIDA								
	NEW YORK								
_	N. CA: SAN FRANCISCO								
TIER	n. ca: san jose								
	ORLANDO								
	SEATTLE								
	S. CA: INLAND EMPIRE								
	S. CA: LOS ANGELES								
	S. CA: ORANGE COUNTY								
	WASHINGTON, D.C.								

	LUX	URY	FULL-S	FULL-SERVICE		SELECT-SERVICE		NOMA
	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES
ATLANTA								
DALLAS/FORT WORTH								
DENVER								
PHILADELPHIA								
PHOENIX								
SAN DIEGO								

INCREASE DECREASE REMAIN FLAT - N/A

\*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015. Source: CBRE Research.



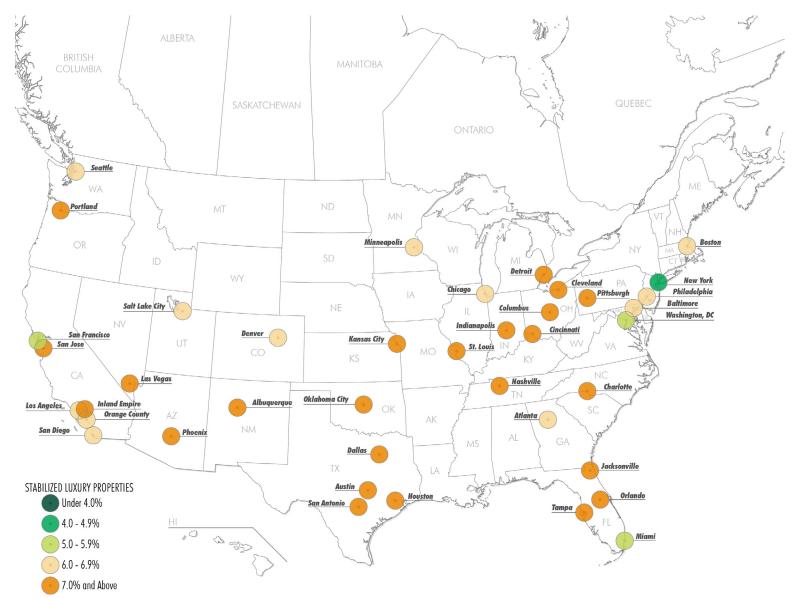
# HOTEL | UNITED STATES FORECAST TRENDS CONT.

		LUX	URY	FULL-SI	FULL-SERVICE		SELECT-SERVICE		ECONOMY		
		CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZED PROPERTIES	CBD CAP RATES FOR STABILIZED PROPERTIES	SUBURBAN CAP RATES FOR STABILIZEE PROPERTIES		
	ALBUQUERQUE										
	AUSTIN										
	BALTIMORE										
	CHARLOTTE										
	CINCINNATI										
	CLEVELAND										
	COLUMBUS										
	DETROIT										
	HONOLULU										
	INDIANAPOLIS										
=	JACKSONVILLE										
TIER	KANSAS CITY										
	MINNEAPOLIS										
	NASHVILLE										
	OKLAHOMA CITY										
	PITTSBURGH										
	PORTLAND										
	SACRAMENTO										
	SALT LAKE CITY										
	SAN ANTONIO										
	ST. LOUIS										
	TAMPA										

\*Forecast trends represent CBRE professionals' opinion of where rates are likely to trend in H2 2015. Source: CBRE Research.

CAP RA	TE SURVEY					FIRST HALF	F 2015
3	🛄 overview	INDUSTRIAL	T RETAIL	畲 MULTIFAMILY	A HOTEL	APPENDIX	Ο

HOTEL | CBD LUXURY CAP RATES



							2013	
3	OVERVIEW	INDUSTRIAL	T RETAIL	⋒ MULTIFAMILY	A HOTEL	appendix	$\mathbf{O}$	

## HOTEL | CBD FULL-SERVICE CAP RATES

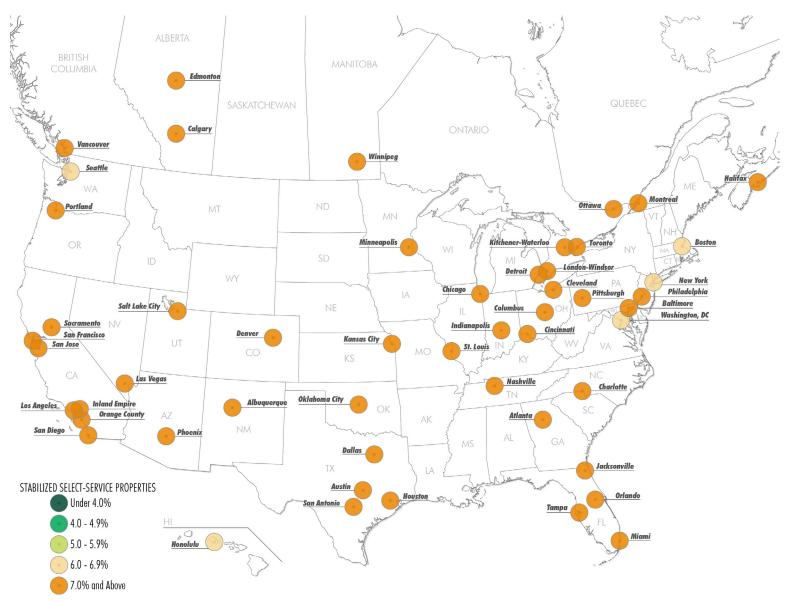
CAP RATE SURVEY



FIRST HALE 2015

CAP RAT	E SURVEY				FIRST HALF 2015
3	OVERVIEW	INDUSTRIAL	T RETAIL	A HOTEL	APPENDIX >

# HOTEL | CBD SELECT-SERVICE CAP RATES



# 🔇 🛄 overview 🏦 office 📟 industrial 🐨 retail 🏠 multifamily 📥 hotel 😰 appendix 🔊

## **APPENDIX** | DEFINITIONS

#### Capitalization Rates (Cap Rates) for Stabilized Properties

Cap rate ranges are best estimates provided by CBRE professionals based on recent trades in their respective markets as well as communications with investors. The ranges represent the cap rates at which a given asset is likely to trade in the current market. Cap rates within each subtype will vary, occasionally falling outside the stated ranges, based on asset location, quality and property-specific opportunities for NOI enhancement.

Stabilized properties (vs. value-add) are assets leased at market rents with typical market lease terms, and have vacancy levels close to market averages.

The cap rate is the ratio of the net operating income (NOI) to the acquisition price of the asset (NOI divided by acquisition price) as shown in the two examples. The NOI calculation is based on net income less operating expenses. For all property types, except multifamily, the first year projected net rental income is used for the income calculation. For multifamily assets, the trailing 90-day income (annualized) is used in the cap rate calculation.

# CAP RATE CALCULATION EXAMPLE - OFFICE, INDUSTRIAL, RETAIL AND HOTEL (Based on 100,000 sq. ft. asset)

		\$/SQ. FT./YEAR	TOTAL	
PURCHASE PRICE		\$200.00	\$20,000,000	
NET OPERATING INCOME (NOI)				
INCOME				
Potential Rental Income (Year 1 of holding period)		21.00	2,100,000	
Vacancy	8.00%	(1.68)	(168,000)	
Credit Loss	1.00%	(0.21)	(21,000)	
NET RENTAL INCOME		19.11	1,911,000	
OTHER INCOME				
Parking		0.67	67,000	
Other Income		0.08	8,000	
Expense Reimbursements		2.44	244,000	
EFFECTIVE GROSS INCOME		22.30	2,230,000	
OPERATING EXPENSES (Estimated year 1 of holding period)		9.62	962,000	
NET OPERATING INCOME (NOI)		\$12.68	\$1,268,000	
CAP RATE (NOI divided by purchase price)			6.3%	

Source: CBRE Valuation and Advisory Services; CBRE Research.



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APPENDIX

## **APPENDIX** | DEFINITIONS CONT.

CAP RATE CALCULATION EXAMPLE - MULTIFAMILY (Based on 125-unit community)

	\$/UNIT/YEAR	TOTAL
PURCHASE PRICE	\$80,000	\$10,000,000
NET OPERATING INCOME (NOI)		
EFFECTIVE GROSS INCOME (Trailing 90-day income annualized)	7,015	876,875
OPERATING EXPENSES (Estimated year 1 of holding period)	2,577	322,125
NET OPERATING INCOME (NOI)	\$4,438	\$554,750
CAP RATE (NOI divided by purchase price)		5.5%

Source: CBRE Valuation and Advisory Services; CBRE Research.

### Expected Return on Cost for Value-Add Properties

Expected returns on cost are best estimates provided by CBRE professionals based on recent trades in their respective markets as well as communications with investors. The ranges represent the expected returns for value-add assets after the property improvements have been made and the property has been leased to market levels (occupancy and rent). Returns on cost within each subtype can vary widely depending, in particular, on the extent of the capital improvements and upgrading made on the asset. The expected return on cost is the ratio of the net operating income (NOI) at stabilization to the total investment in the property (to stabilization) as shown in the two examples.

A HOTEL

Value-add assets are properties which have below market rents and/or higher-thanaverage vacancy levels. They are properties which are acquired with the intention of making physical improvements or bringing more effective property management to significantly improve property performance and create value in the asset.

## **APPENDIX** | DEFINITIONS CONT.

#### EXPECTED RETURN ON COST FOR VALUE-ADD ACQUISITION CALCULATION EXAMPLE - OFFICE, RETAIL, INDUSTRIAL AND HOTEL (Based on 100,000 sq. ft. asset)

		\$/SQ. FT./YEAR	TOTAL
PURCHASE PRICE		\$100	\$10,000,000
NET OPERATING INCOME (NOI) AT STA	BILIZATION		
INCOME			
Potential Rental Income		20.00	2,000,000
Vacancy	8.00%	(1.60)	(160,000)
Credit Loss	1.00%	(0.20)	(20,000)
NET RENTAL INCOME		18.20	1,820,000
OTHER INCOME			
Parking Income		0.67	67,000
Other Income		0.08	8,000
Expense Reimbursements		2.44	244,000
EFFECTIVE GROSS INCOME AT STABI	ILIZATION	21.39	2,139,000
OPERATING EXPENSES		9.62	962,000
NET OPERATING INCOME (NOI) AT ST	ABILIZATION	11.77	1,177,000
INVESTMENT IN PROPERTY			
PURCHASE PRICE		100.00	10,000,000
CAPITAL EXPENDITURES (Including TIs and commissions)		31.00	3,100,000
TOTAL INVESTMENT THROUGH STAB	ILIZATION	\$131.00	\$13,100,000
EXPECTED RETURN ON COST (NOI at stabilization divided by total investmen	t through stabilizatio	on)	9.0%

#### EXPECTED RETURN ON COST FOR VALUE-ADD ACQUISITION CALCULATION EXAMPLE - MULTIFAMILY (Based on 125-unit community)

		\$/UNIT/YEAR	TOTAL	
PURCHASE PRICE		\$28,000	\$3,500,000	
NET OPERATING INCOME (NOI) AT STABILIZAT	TION			
INCOME				
Potential Rental Income		7,015	876,875	
Vacancy	8.00%	(561)	(70,150)	
ADJUSTED RENTAL INCOME		6,454	806,725	
Vacancy	10.00%	(645)	(80,673)	
Credit Loss	1.00%	(65)	(8,067)	
EFFECTIVE GROSS INCOME AT STABILIZATIO	N	5,744	717,985	
OPERATING EXPENSES (Including reserves)		3,500	437,500	
NET OPERATING INCOME (NOI) AT STABILIZAT	TION	2,244	280,485	
INVESTMENT IN PROPERTY				
PURCHASE PRICE		28,000	3,500,000	
CAPITAL EXPENDITURES THROUGH STABILIZAT	TION	5,200	650,000	
TOTAL INVESTMENT THROUGH STABILIZATIO	NC	\$33,200	\$4,150,000	
EXPECTED RETURN ON COST (NOI at stabilization divided by total investment through	h stabilizatic	on)	6.8%	

Source: CBRE Valuation and Advisory Services; CBRE Research.

Source: CBRE Valuation and Advisory Services; CBRE Research.



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# **APPENDIX** | DEFINITIONS CONT.

#### CBD

Central business district or downtown.

#### **Class AA**

The best quality assets in the most desirable locations, fully leased, or near fully leased, at or above market rents, to tenants of acceptable credit to investors of high quality real estate, on lease terms also acceptable to the same. Typically the top 5-10 Class A properties in a given market.

#### Class A

Properties competing for higher-quality tenants/residents, with above-average rental rates for the area, along with high-quality finishes, state-of-the-art systems, exceptional accessibility and a definite market presence.

#### Class B

Buildings competing for a wide range of tenants/residents, with rents in the average range for the area. Building finishes are fair to good for the area and the systems are adequate, but the building does not compete with Class A in terms of price.

## Class C

Buildings competing for tenants/residents requiring functional space at rents below the average for the area.

#### Suburban

The portion of a metropolitan area that is outside the central city with a less concentrated population and typically lower density land use than is typically found in the metro's urban areas.

#### Value-add

Properties which have below market rents and/or higher-than-average vacancy levels. Value-add assets are assets acquired with the intention of significantly improving market performance and creating value through capital improvements and better management.

# **RETAIL-SPECIFIC DEFINITIONS**

#### **High Street**

The primary walkable retail shopping thoroughfare in the premiere location of an urban submarket, serving as a focal point for high-end shops and luxury retailers.

A HOTEL

#### Neighborhood/Community Center (Grocery Anchored)

Open-air retail center that is anchored by a grocery store and, in the case of community centers, a second major retail anchor. Size range from 75,000 to 350,000 square feet.

#### **Power Center**

Open-air retail center typically occupied by large-format, big-box and value-oriented retailers, with very limited small-shop tenant space. Size range from 100,000 square feet to over 600,000 square feet.

## MULTIFAMILY-SPECIFIC DEFINITIONS

#### Infill

Multifamily properties that are typically located in the denser parts of metropolitan areas. They represent higher density product—mid-rise and high rise—and are most commonly found in mature neighborhoods close to the city center. Infill multifamily product can also be found in higher density suburban neighborhoods.

#### Suburban

In addition to being located in the suburbs, properties that are typically garden style construction and lower density than infill.

## **APPENDIX** | DEFINITIONS CONT.

## HOTEL-SPECIFIC DEFINITIONS

### Economy

Hotel chains that are priced at 20% to 40% of average room rates, according to Smith Travel Research.

## **Full-Service**

A hotel property with more than 150 rooms, room service, an on-site restaurant and a concierge service.

### Luxury

Hotel chains that are priced in the top 15.0% in terms of average annual room rates, according to Smith Travel Research.

## Select-Service

A hotel property with less than 150 rooms, no room service and no on-site restaurant or concierge service.

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