

#### NARRATIVE APPRAISAL REPORT

# **Courtyard by Marriott Ocala**

3712 SOUTHWEST 38TH AVENUE OCALA, FLORIDA



#### **SUBMITTED TO:**

Mr. Martin Pinsker American Hotel Income Properties REIT Inc. 1660 - 401 West Georgia Street Vancouver, British Columbia, V6B 5A1

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#### **PREPARED BY:**

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May 29, 2015

Mr. Martin Pinsker American Hotel Income Properties REIT Inc. 1660 - 401 West Georgia Street Vancouver, British Columbia, V6B 5A1

Re: Courtyard by Marriott Ocala

Ocala, Florida

HVS Reference: 2015020799

3712 Southwest 38th Avenue

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Sao Paulo Shenzhen Shanghai Singapore Dear Mr. Pinsker:

Pursuant to your request, we herewith submit our narrative appraisal report pertaining to the above-captioned hotel. We have inspected the real estate and analyzed the market conditions in the Ocala, Florida area. Our report has been prepared in accordance with, and is subject to, the requirements of the Financial Institutions Reform, Recovery, and Enforcement Act (FIRREA) and the Uniform Standards of Professional Appraisal Practice (USPAP), as provided by the Appraisal Foundation.

Based on our analysis, it is our opinion that the "as is" market value of the fee simple interest in the real and personal property of the Courtyard by Marriott Ocala, as of May 14, 2015, is:

\$15,700,000

#### FIFTEEN MILLION SEVEN HUNDRED THOUSAND DOLLARS

This value estimate equates to \$92,900 per room. This represents the "as is" value of the subject property, assuming a capital deduction of \$2,500,000. In the event that the actual cost differs from the amount stated, the value of the subject property may change. It is assumed that the capital improvements will be completed in a competent and timely manner. The capital expenditures will be discussed in detail in a subsequent section of this report. Based on our analysis, it is our opinion that the "when complete" prospective market value of the fee simple interest in the real and personal property of the Courtyard by Marriott Ocala, as of May 31, 2016, is:

\$19,000,000

NINETEEN MILLION DOLLARS

This value estimate equates to \$112,400 per room.

Superior results through unrivaled hospitality intelligence. Everywhere.



This appraisal is subject to the extraordinary assumption that a capital deduction will be required to fund necessary upgrades for the subject property. The use of this extraordinary assumption may have affected the assignment results. Moreover, several important general assumptions have been made that apply to this appraisal and our valuations of hotels in general. These items are set forth in the Assumptions and Limiting Conditions chapter of this report. We have made no assumptions of hypothetical conditions in our report.

We hereby certify that we have no undisclosed interest in the property, and our employment and compensation are not contingent upon our findings. This study is subject to the comments made throughout this report and to all assumptions and limiting conditions set forth herein.

Sincerely,

MM&R Valuation Services, Inc.

And Shyder

Janet L. Snyder, Senior Vice President jsnyder@hvs.com, +1 (972) 978-4714

State Appraiser License (FL) RZ3639



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## 1. Summary of Salient Data and Conclusions

Property: Courtyard by Marriott Ocala Location: 3712 Southwest 38th Avenue

Ocala, Florida 34474-4379

Marion County

Interest Appraised: Fee Simple

Highest and Best Use (as improved): Select-service lodging facility

LAND DESCRIPTION

Area: 3.48 acres, or 151,589 square feet

Zoning: B2 - Community Business

Assessor's Parcel Number(s): R2388-008-000

FEMA Flood Zone: X

**IMPROVEMENTS DESCRIPTION** 

Year Opened: 1988

Property Type: Select-service lodging facility

Building Area: 97,174 square feet

Guestrooms: 169
Number of Stories: Three

Food and Beverage Facilities: A restaurant and lounge

Meeting Space: 3,062 square feet

Additional Facilities: An outdoor pool, an outdoor whirlpool, a fitness room, a

business center, a market pantry, and a guest laundry

room

Parking Spaces: 169 (surface)



#### **OPINIONS OF "AS IS" MARKET VALUE - MAY 14, 2015**

Income Capitalization Approach: \$15,700,000

Sales Comparison Approach: \$12,100,000 to \$19,800,000

Cost Approach: Not Applicable

"As Is" Market Value, as of May 14, 2015: \$15,700,000 Market Value Conclusion per Room: \$92,900

Capital Expenditure (if applicable): \$2,500,000

Real and Personal Property: The real and personal property value conclusions exclude

any value attributable to intangibles. All value attributable to the intangible property has been removed with the assumed expense of a management fee and a franchise fee (if applicable) in the valuation process. As a result, our value conclusion pertains to the real and personal property components only, which have been valued at \$15,240,000 and \$460,000, respectively, as of

the current date of value.

#### OPINION OF "WHEN COMPLETE" MARKET VALUE - MAY 31, 2016

"When Complete" Prospective Market Value,

as of May 31, 2016: \$19,000,000 Market Value Conclusion per Room: \$112,400

Real and Personal Property: The value conclusion pertains to the real and personal

property components only. As of the "when complete" date of value, the components are valued at \$17,760,000

and \$1,240,000, respectively.

#### **ASSIGNMENT CONDITIONS**

Extraordinary Assumptions: This appraisal is subject to the extraordinary assumption

that a capital deduction will be required to fund necessary upgrades for the subject property. The use of this extraordinary assumption may have affected the



assumptions have been made that apply to this appraisal and our valuations of hotels in general. These items are set forth in the Assumptions and Limiting Conditions chapter of this report.

We have made no assumptions of hypothetical conditions in our report.

assignment results. Moreover, several important general

**Hypothetical Conditions:** 



## 2. Nature of the Assignment

#### Subject of the Appraisal

The subject of the appraisal is the fee simple interest in a 3.48-acre (151,589-square-foot) parcel improved with a select-service lodging facility known as the Courtyard by Marriott Ocala. The property, which opened in 1988, features 169 rooms, a restaurant and lounge, 3,062 square feet of meeting space, an outdoor pool, an outdoor whirlpool, a fitness room, a business center, a market pantry, and a guest laundry room. The hotel also contains all necessary back-of-the-house space. The hotel's civic address is 3712 Southwest 38th Avenue, Ocala, Florida, 34474-4379.

# **Property Rights Appraised**

The property rights appraised are the fee simple ownership of the real and personal property. The fee simple estate is defined as "absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power, and escheat."

The Courtyard by Marriott Ocala is appraised as an open and operating facility.

#### Objective of the Appraisal

The objective of the appraisal is to develop an opinion of the subject property's "as is" market value. The following definition of market value has been agreed upon by the agencies that regulate federal financial institutions in the United States:

The most probable price which a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller each acting prudently and knowledgeably, and assuming the price is not affected by undue stimulus. Implicit in this definition are the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby:

- 1. buyer and seller are typically motivated;
- 2. both parties are well informed or well advised, and acting in what they consider their own best interests;
- 3. a reasonable time is allowed for exposure in the open market;

<sup>&</sup>lt;sup>1</sup> Appraisal Institute, The Dictionary of Real Estate Appraisal, 5<sup>th</sup> ed. (Chicago Appraisal Institute, 2010).



- 4. payment is made in terms of cash in U.S. dollars or in terms of financial arrangements comparable thereto; and
- 5. the price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale.<sup>2</sup>

"As is" market value is defined by the Appraisal Institute as follows:

The estimate of the market value of real property in its current physical condition, use, and zoning as of the appraisal date.<sup>3</sup>

# The effective date of the "as is" market value opinion is May 14, 2015. The effective date of the "when complete" market value conclusion is May 31, 2016. The subject property was inspected by Heidi S. Nielsen on May 14, 2015. In addition to the inspection, Heidi S. Nielsen participated in the research for this assignment and assisted in the report's preparation. Janet L. Snyder participated in the analysis and reviewed the findings, but did not personally inspect the property.

The subject property is currently owned by Kinsman Hotel Associates, Inc., which is based in Ocala, Florida. The subject property was last sold in 1996; Kinsman Hotel Associates, Inc. has owned the property since that time. According to the Marion County Assessor's Office, Kinsman Hotel Associates, Inc. purchased the property for a reported \$4,491,367 from SunTrust Bank Tampa Bay. No transfers of the property have reportedly occurred since 1996. The hotel, along with the Fairfield Inn & Suites by Marriott Ocala and the Residence Inn by Marriott Ocala, is now under contract for purchase by American Hotel Income Properties REIT Inc. for a reported portfolio purchase price of \$31,000,000; an individual purchase price for the subject property was not allocated.

The subject property is currently owner-operated; however, our appraisal assumes that the subject property will be managed by a professional hotel-operating company, with fees deducted at rates consistent with current market standards. We have assumed a market-appropriate total management fee of 3.0% of total revenues in our study. Please refer to the Income Capitalization Approach chapter for additional discussion pertaining to our management fee assumptions.

The hotel currently operates as a Courtyard by Marriott under a license agreement with Marriott International; the existing agreement expires in 2015 and does not carry an option for renewal. The property's current franchise agreement calls for a

**Pertinent Dates** 

Ownership, Franchise, and Management History and Assumptions

<sup>&</sup>lt;sup>2</sup> Federal Register, Vol. 75, No. 237, December 10, 2010: 77472.

<sup>&</sup>lt;sup>3</sup> Appraisal Institute, The Dictionary of Real Estate Appraisal, 5th ed. (Chicago: Appraisal Institute, 2010).



royalty fee of 5.5% of rooms revenue and a marketing assessment of 2.0% of rooms revenue. We note that the current franchise agreement cannot automatically be transferred to a new owner upon the sale of the property. We have assumed that a buyer would elect to continue to operate the hotel as a Courtyard by Marriott and would enter into a license agreement that would reflect the current terms as published in the company's Uniform Franchise Offering Circular (UFOC). In conjunction with the pending sale of the hotel, a change-of-ownership property improvement plan (PIP) has been issued by Marriott International. We have assumed that a hypothetical buyer would elect to complete this PIP in order to maintain the hotel's current brand affiliation; as such, a capital deduction has been considered in our analysis. The Courtyard by Marriott franchise is reflected in our forecasts with a royalty fee of 5.5% of rooms revenue, and a marketing assessment of 2% of rooms revenue. Reservations fees are also due and are included in the rooms expense line item of our forecast.

The Courtyard by Marriott concept was developed by Marriott in 1985 to specifically target business travelers. Courtyard by Marriott is a mid-rate, select-service product. Courtyard by Marriott is commonly considered to be one of the strongest mid-rate products in the lodging industry. Each Courtyard by Marriott contains a restaurant/lounge, a market pantry, an exercise room, a swimming pool, and meeting space. Main competitors of the Courtyard by Marriott brand include Hilton Garden Inn, Starwood's Four Points by Sheraton, Wingate by Wyndham, Hampton Inn & Suites, La Quinta Inn & Suites, and Hyatt Place, among others. As of year-end 2014, there were 861 Courtyard by Marriott hotels (120,894 rooms) in the U.S. In 2014, the brand operated at an average occupancy level of 71.8%, with an average rate of \$129.32 and a RevPAR of \$93.77 for its North American properties.

We assume that the hotel will retain its current brand affiliation throughout the holding period. Inherent in this assumption is the expectation that the property will be operated in accordance with brand standards, including requirements for services and cleanliness; that the hotel will be maintained in good condition, with all building systems in good working order; and that any necessary refurbishments or renovations will be completed in a timely manner and in accordance with the requirements of the brand. A copy of the franchise inspection report was not provided for our review. We assume that any deficiencies in the property noted by the brand will be addressed in a timely manner and that the hotel will pass all future franchise inspections.

**Most Probable Buyer** 

The subject property is a well-designed, select-service hotel that would be attractive to active buyers. The hotel enjoys a favorable location in a tertiary market and offers an appropriate array of facilities and amenities. Several aspects of the hotel have been updated during the last few years; however, the guestrooms



Intended Use of the Appraisal

Identification of the Client and Intended User(s)

**Assignment Conditions** 

are slightly dated, which would be considered a disadvantage or somewhat of a challenge for a potential buyer. It is our opinion that the most probable buyer of the subject property would be a private investment fund, REIT, or ownership group looking to supplement its national hotel portfolio. This type of buyer would seek to implement its own management team, or a third-party professional hotel operator, and to maintain a nationally recognized brand affiliation.

This narrative appraisal report is being prepared for use to finance the pending acquisition of the subject property.

The client for this engagement is American Hotel Income Properties REIT Inc.. This report is intended for the addressee firm and may not be distributed to or relied upon by other persons or entities.

"Extraordinary Assumption" is defined in USPAP as follows:

An assumption, directly related to a specific assignment, as of the effective date of the assignment results, which, if found to be false, could alter the appraiser's opinions or conclusions. Comment: Extraordinary assumptions presume as fact otherwise uncertain information about physical, legal, or economic characteristics of the subject property; or about conditions external to the property, such as market conditions or trends; or about the integrity of data used in an analysis.<sup>4</sup>

This appraisal is subject to the extraordinary assumption that a capital deduction will be required to fund necessary upgrades for the subject property. The use of this extraordinary assumption may have affected the assignment results. Moreover, several important general assumptions have been made that apply to this appraisal and our valuations of hotels in general. These items are set forth in the Assumptions and Limiting Conditions chapter of this report.

"Hypothetical Condition" is defined in USPAP as follows:

A condition, directly related to a specific assignment, which is contrary to what is known by the appraiser to exist on the effective date of the assignment results, but is used for the purpose of analysis. Comment: Hypothetical conditions are contrary to known facts about physical, legal, or economic characteristics of the subject property; or about conditions

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<sup>&</sup>lt;sup>4</sup> Appraisal Foundation, Uniform Standards of Professional Appraisal Practice, 2014 – 2015 ed.



Marketing and

**Exposure Periods** 

external to the property, such as market conditions or trends; or about the integrity of data used in an analysis.<sup>5</sup>

We have made no assumptions of hypothetical conditions in our report. We have not made any jurisdictional exceptions to the Uniform Standards of Professional Appraisal Practice in our analysis or report.

The concepts of marketing period and exposure period are similar and simply reflect different perspectives in time. Exposure period is defined as the estimated length of time that the property interest being appraised would have been offered on the market prior to the hypothetical consummation of a sale at its market value, as of the date of value. The exposure period reflects a retrospective opinion based on an analysis of past events and assumes a competitive and open market. Marketing period refers to the amount of time necessary to market the hotel subsequent to our date of value for it to sell for the appraised value, and thus is a prospective opinion.

Our opinion is that the exposure period for the subject property, prior to our date of value, is estimated to be less than or equal to seven months, while the marketing period for the subject property, subsequent to our date of value, is less than or equal to seven months. The marketing and sales process for hotels is extremely efficient. Brokers specializing in hotel transactions actively solicit potential buyers on an ongoing basis and maintain databases on hotel investor criteria. According to the brokers interviewed, the current period from when a property is listed to when the sale closes is typically six to nine months. Brokers are able to electronically produce marketing materials, elicit interest, schedule property tours, accept offers, and select a buyer in approximately 90 to 120 days. Following the execution of a purchase and sale agreement, the due diligence and closing period is typically 90 days.

Hotel properties are being actively sought after by investors. Quality assets often solicit numerous bids, financing is readily available, and for qualified buyers and sellers, the marketing process has resulted in the timely closing of transactions.

Published surveys report marketing time, not the exposure period. Marketing time is an opinion of the amount of time it might take to sell a property at the concluded market value level during the period immediately after the effective date of an appraisal. Currently, marketing time for luxury/upper-upscale properties, full-service hotels, and select-service hotels is averaging 6.3, 6.6, and 6.6 months, respectively, according to the PWC Real Estate Investor Survey - First Quarter

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<sup>&</sup>lt;sup>5</sup> Appraisal Foundation, Uniform Standards of Professional Appraisal Practice, 2014 – 2015 ed.



2015, published by PricewaterhouseCoopers. Overall marketing time is averaging 5.3 months for hotels, as reported by the Situs Real Estate Research Corporation's Winter 2015 Real Estate Survey. The following table illustrates marketing periods reported in recent PWC Real Estate Investor Surveys.

FIGURE 2-1 MARKETING PERIODS (MONTHS)

Property Type	1st Quarter '15	3rd Quarter '14	Year Ago
Luxury/Upper-Upscale	3.0 to 12.0	3.0 to 12.0	3.0 to 20.0
Average	6.3	6.0	7.8
Full-Service	3.0 to 9.0	3.0 to 9.0	3.0 to 12.0
Average	6.6	6.7	7.3
Select-Service	2.0 to 12.0	2.0 to 12.0	2.0 to 12.0
Average	6.6	6.8	6.8
Limited-Service	2.0 to 12.0	2.0 to 12.0	2.0 to 12.0
Average	7.0	7.0	7.0

Source: PWC Real Estate Investor Survey - First Quarter 2015

#### Competency

Our qualifications are included as an addendum to this report. These qualifications reflect that we have the competence required to complete this engagement, in accordance with the competency provision of the Uniform Standards of Professional Appraisal Practice. Our knowledge and experience is appropriate for the complexity of this assignment.

#### **Scope of Work**

The methodology used to develop this appraisal is based on the market research and valuation techniques set forth in the textbooks authored by Hospitality Valuation Services for the American Institute of Real Estate Appraisers and the Appraisal Institute, entitled *The Valuation of Hotels and Motels,* Hotels & Motels: Valuations and Market Studies, The Computerized Income Approach to Hotel/Motel Market Studies and Valuations, Hotels and Motels: A Guide to Market Analysis,

<sup>&</sup>lt;sup>6</sup> Stephen Rushmore, *The Valuation of Hotels and Motels*. (Chicago: American Institute of Real Estate Appraisers, 1978).

<sup>&</sup>lt;sup>7</sup> Stephen Rushmore, *Hotels, Motels and Restaurants: Valuations and Market Studies.* (Chicago: American Institute of Real Estate Appraisers, 1983).

<sup>&</sup>lt;sup>8</sup> Stephen Rushmore, *The Computerized Income Approach to Hotel/Motel Market Studies and Valuations*. (Chicago: American Institute of Real Estate Appraisers, 1990).



Investment Analysis, and Valuations,<sup>9</sup> and Hotels and Motels – Valuations and Market Studies,<sup>10</sup> as well as in accordance with the Uniform System of Account for the Lodging Industry (USALI).

- 1. All information was collected and analyzed by the staff of MM&R Valuation Services, Inc.. Information such as historical operating statements, franchise and/or management agreements, site plans, floor plans, and leases, as applicable, were supplied by the client or property management.
- 2. The subject site was evaluated from the viewpoint of its utility for the development and operation of a hotel. The potential existence of surplus or excess land was investigated. We have reviewed adjacent uses, regional and local accessibility attributes, and visibility characteristics. A study of the local neighborhood was undertaken to determine its boundaries, land uses, recent developments, and life-cycle stage. Other aspects of the land, such as soil and subsoil conditions, nuisances, hazards, easements, encroachments, zoning, and the current flood zone of the property, have been evaluated.
- 3. The subject property's improvements were inspected to evaluate their current condition, quality of construction, and design and layout, including any items of physical deterioration or functional obsolescence. A list of facilities and amenities that the property offers has been compiled, and past upgrades of each area of the hotel have been investigated. Recent capital expenditures, as well as planned future upgrades, have been reviewed. The remaining economic life of the hotel has been estimated.
- 4. Economic and demographic statistics for the subject property's market have been reviewed to identify specific hostelry-related trends that may affect future demand for hotels. Workforce characteristics have been evaluated, including employment trends by sector and unemployment rates. Major businesses and industries operating in the local area were investigated, and local area office statistics and trends were reviewed, as available. Passenger levels and recent changes at the area's pertinent airport have been researched, and visitor demand generators have been identified and evaluated.
- 5. An STR Trend Report pertaining to historical trends in room-night supply, demand, occupancy, average rate, and RevPAR for the subject property and a group of selected competitors has been ordered and analyzed.

<sup>&</sup>lt;sup>9</sup> Stephen Rushmore, Hotels and Motels: A Guide to Market Analysis, Investment Analysis, and Valuations (Chicago: Appraisal Institute, 1992).

 $<sup>^{10}</sup>$  Stephen Rushmore and Erich Baum, *Hotels and Motels – Valuations and Market Studies*. (Chicago: Appraisal Institute, 2001).

## **HVS**

Performance levels for each of the competitive hotels have been researched and/or estimated. Ownership, management, facilities, renovations, and other pertinent factors for the competitive properties have been investigated. Potential new hotel supply was researched and quantified. Occupancy levels of the subject property and its existing competition provide a basis for quantifying current accommodated demand in the market. The market for hotel accommodations is segmented based on the specific characteristics of the types of travelers utilizing the area's hotels. By segmenting the demand accommodated by each hotel, the total demand by market segment is quantified. The demand generated by each market segment is then projected by year up through a point of hypothetical market stabilization. Latent demand, if applicable, is estimated and added to the base demand forecast, resulting in a forecast of overall occupancy for the competitive market.

- 6. Based on the physical, economic, financial, and legal factors influencing the subject property, a conclusion regarding the property's highest and best use, as currently improved, was developed. The highest and best use of the subject land, as if vacant, was also evaluated based on current real estate trends and market conditions.
- 7. Occupancy of the subject property was projected based on a forecast of overall market penetration, or penetration by market segment. Average rate was projected based on competitive positioning, through the application of an overall ADR penetration rate, or penetration by each market segment's average rate.
- 8. Historical income and expense statements for the subject hotel have been reviewed, analyzed, and compared to the financial performance of comparable hotels. Inflation forecasts were researched, forming the basis for our own forecast of inflation. A projection of income and expense was prepared in accordance with the USALI, setting forth the anticipated economic benefits of the subject property. All projections are expressed in inflated dollars. Each line item has been reviewed individually. Amounts are forecast based on past performance, expected changes at the property in the future, and comparable hotel performance levels. Property taxes are forecast based on a review of past assessment levels, comparable hotel assessments, and historical tax rates.
- 9. Our forecast of net income for the subject property is capitalized into an opinion of value via a ten-year mortgage-equity technique, as well as a discounted-cash-flow analysis. Pertinent direct capitalization rates are also reviewed. Recent trends in interest rates, amortization, loan-to-value ratios, and equity return rates, as well as terminal capitalization rates, are researched and applied during this process.



- 10. As applicable, sales of comparable hotels have been researched for the local market, by brand nationally, and for the greater region as a whole. Among these sales, a smaller set of sales was selected for more detailed review and analysis. An adjustment grid was developed to assist in deriving our opinion of value via the sales comparison approach.
- 11. The cost approach was deemed inapplicable in the valuation of the subject property because it is not relied upon by hotel investors in the valuation process and requires unsubstantiated calculations to derive an estimate of asset depreciation. An opinion of personal property value is presented, as well as an estimate of replacement cost for insurance purposes, if applicable.
- 12. The appraisal considers the following three approaches to value: cost, sales comparison, and income capitalization. We have investigated numerous improved sales in the market area and have spoken with buyers, sellers, brokers, property developers, and public officials. Because lodging facilities are income-producing properties that are normally bought and sold on the basis of capitalization of their anticipated stabilized earning power, the greatest weight is given to the value indicated by the income capitalization approach. We find that most hotel investors employ a similar procedure in formulating their purchase decisions, and thus the income capitalization approach most closely reflects the rationale of typical buyers.

The value conclusion of the appraisal is based on this investigation and analysis and is conveyed in this narrative report. The analyses, opinions, and conclusions were developed based on, and this report has been prepared in conformance with, our interpretation of the guidelines and recommendations set forth in USPAP.



## 3. Description of the Real Estate

#### **LAND**

The suitability of the land for the operation of a lodging facility is an important consideration affecting the economic viability of a property and its overall value. Factors such as size, topography, access, visibility, and the availability of utilities have a direct impact on the desirability of a particular site.

The subject property is located in southwestern Ocala, north of the intersection formed by Southwest College Road/State Highway 200 and Southwest 38th Court. The street address of the Courtyard by Marriott Ocala is 3712 Southwest 38th Avenue, Ocala, Florida, 34474-4379.

#### **Physical Characteristics**

The subject site measures approximately 3.48 acres, or 151,589 square feet. The parcel's adjacent uses are set forth in the following table.

#### FIGURE 3-1 SUBJECT PARCEL'S ADJACENT USES

Direction	Adjacent Use
Northeast	Parking Lot, Southwest 38th Avenue
Northwest	Southwest 38th Court
Southeast	Burger King, Marathon Fueling Station
Southwest	Southwest 38th Court



#### **PLAT MAP**





#### **AERIAL PHOTOGRAPH**



#### **VIEW FROM SITE TO THE SOUTHEAST**



#### **VIEW FROM SITE TO THE SOUTHWEST**





#### **VIEW FROM SITE TO THE NORTHEAST**



#### **VIEW FROM SITE TO THE NORTHWEST**



Primary vehicular access to the property is provided by Southwest 38th Avenue. Access is also available from Southwest 38th Court. The topography of the parcel is generally flat, and the site's shape is irregular.

**Site Utility** 

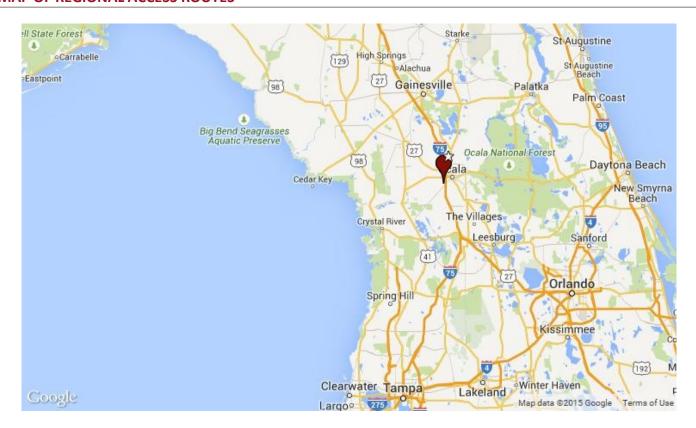
The subject site does not contain any significant portion of undeveloped land that could be sold, entitled, and developed for alternate use. The site is fully developed with building and site improvements.

**Access and Visibility** 

It is important to analyze the site in regard to ease of access with respect to regional and local transportation routes and demand generators. The subject site is readily accessible to a variety of local and county roads, as well as state and interstate highways.



#### **MAP OF REGIONAL ACCESS ROUTES**



Primary regional access through the area is provided by Interstate 75, a major north/south thoroughfare that extends to such cities as Tampa to the south and Atlanta, Georgia to the north. State Highway 40 provides east/west access across the state, extending from U.S. Highway 41 near Dunnellon on the west side of the state to Ormond Beach on the east side. Several other highways provide accessibility through the area, with U.S. Highway 301 serving as an alternate north/south route. The subject property's market is served by a variety of additional local routes, which are illustrated on the map.

From Interstate 75, motorists take the Ocala/Silver Springs/State Highway 200 Exit and proceed southwest on this thoroughfare for approximately one-tenth of a mile to Southwest 38th Avenue. Motorists execute a right turn onto Southwest 38th Avenue and travel north for approximately one-tenth of a mile to the subject site, which is located on the motorists' left-hand side. The subject property is located near a busy intersection but is setback slightly from the main road, not visible from the nearby highway or interstate; therefore, while the subject



property benefits from overall good accessibility attributes, its visibility would be considered fair.

#### **Airport Access**

The subject property is served by the Orlando International Airport, which is located approximately 65 miles to the southeast of the subject site. From the airport, motorists follow signs to State Highway 528 and travel west on this thoroughfare to State Highway 91. Motorists then proceed north on State Highway 91 to Interstate 75 North, continuing to the subject property as previously noted. The subject hotel is also served by the Tampa International Airport, which is located approximately 75 miles to the southwest of the subject site.

#### Neighborhood

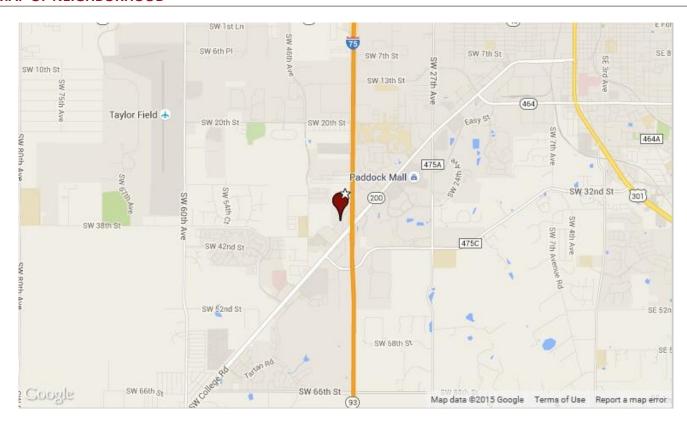
The neighborhood surrounding a lodging facility often has an impact on a hotel's status, image, class, style of operation, and sometimes its ability to attract and properly serve a particular market segment. This section of the report investigates the subject property's neighborhood and evaluates any pertinent location factors that could affect its occupancy, average rate, and overall profitability.

The subject property's neighborhood is generally defined by Southwest 20th Street to the north, Southwest 27th Avenue to the east, Southwest 66th Street to the south, and Southwest 60th Avenue to the west. In general, this neighborhood is in the stable stage of its life cycle, with pockets of growth occurring within the retail/restaurant sector. Within the immediate proximity of the site, land use is heavily commercial and farmland in nature. The neighborhood is characterized by restaurants, hotels, and retail shopping centers along the primary thoroughfares, with residential areas and horse farms located along the secondary roadways.

Some specific businesses and entities in the area include Sam's Club, Market Street at Heath Brook, Paddock Mall, and the College of Central Florida, while hotels in the vicinity of the subject site include the Hampton Inn & Suites and Holiday Inn Hotel & Suites. Restaurants located near the subject property include Bonefish Grill, Red Lobster, and Olive Garden. Notable changes in this neighborhood include new shops and restaurants at the Market Street at Heath Brook shopping center. In general, we would characterize the neighborhood as 25% retail/restaurant use, 25% farmland, 20% residential use, 10% hotel use, 10% vacant, and 10% other.



#### MAP OF NEIGHBORHOOD



Overall, the supportive nature of the development in the immediate area is considered appropriate for and conducive to the operation of a hotel.

**Utilities** 

According to property ownership, the subject site is served by all necessary utilities.

Soil and Subsoil Conditions

Geological and soil reports were not provided to us or made available for our review during the preparation of this report. We are not qualified to evaluate soil conditions other than by a visual inspection of the surface; no extraordinary conditions were apparent.

Nuisances and Hazards

We were not informed of any site-specific nuisances or hazards, and there were no visible signs of toxic ground contaminants at the time of our inspection. Because we are not experts in this field, we do not warrant the absence of hazardous waste and urge the reader to obtain an independent analysis of these factors.



#### **Flood Zone**

According to the Federal Emergency Management Agency map illustrated below, the subject site is located in flood zone X.

#### **COPY OF FLOOD MAP AND COVER**





The flood zone definition for the X designation is as follows: areas outside the 500-year flood plain; areas of the 500-year flood; areas of the 100-year flood with average depths of less than one foot or with drainage areas less than one square mile and areas protected by levees from the 100-year flood.

#### **Zoning**

According to the local planning office, the subject property is zoned as follows: B2 - Community Business. This zoning designation allows for most commercial uses, including small office complexes, retail and service establishments, and hotels and motels. We assume that all necessary permits and approvals have been secured (including the appropriate liquor license if applicable) and that the subject property was constructed in accordance with local zoning ordinances, building codes, and all other applicable regulations. Our zoning analysis should be verified before any physical changes are made to the hotel.

#### Easements and Encroachments

We are not aware of any easements or encroachments encumbering the property that would significantly affect its utility or marketability.

#### **Conclusion**

We have analyzed the issues of size, topography, access, visibility, and the availability of utilities. The subject site is favorably located proximate to the interstate and near a major interchange. In general, the site is well suited for future hotel use, with acceptable access, visibility, and topography for an effective operation.

#### **IMPROVEMENTS**

The quality of a lodging facility's physical improvements has a direct influence on its marketability and attainable occupancy and average rate. The design and functionality of the structure can also affect operating efficiency and overall profitability. This section investigates the subject property's physical improvements and personal property in an effort to determine how they contribute to total value.

#### **Property Overview**

The Courtyard by Marriott Ocala is a select-service lodging facility containing 169 rentable units. The three-story property opened in 1988.



#### **SUBJECT PROPERTY – FRONT OF HOTEL**

#### **SUBJECT PROPERTY – BACK OF HOTEL**



Summary of the Facilities

Based on our inspection and information provided by management representatives of the subject property, the following table summarizes the facilities available at the subject property.



uestroom Configuration	Number of Units
King	82
Double/Double	80
Deluxe	7
Total	169
Food & Beverage Facilities	Seating Capacity
The Bistro	62
Meeting & Banquet Facilities	Square Footage
Calder	1,122
Gulfstream	1,040
lialeah	624
erby	276
Total	3,062
Amenities & Services	
Outdoor Swimming Pool	Business Center
Outdoor Whirlpool	Market Pantry
Fitness Room	Guest Laundry Room
nfrastructure	
Parking Spaces	169
Elevators	3 Guest
ife-Safety Systems	Sprinklers, Smoke Detectors
Construction Details	Reinforced Concrete, Poured Concrete

# Site Improvements and Hotel Structure

Once guests enter the site, ample parking is available on the surface lot around the hotel building. The parking area was in good condition; no recent updates to the parking lot were noted. Signage is located at the entrance of the hotel property. The area's landscaping was in very good condition, featuring trees, area shrubs, flowerbeds, and planters. A sidewalk is present along the front entrance; this walkway was in overall good condition. Overall, the site improvements were in good condition upon inspection.

The hotel comprises one three-story building. The hotel's stucco exterior was in good condition; there were no major problems observed or reported pertaining to the hotel's exterior finish. According to management, the exterior was repainted in

# **HVS**

2013. Four stairways and three elevators provide internal vertical transportation within the main structure. These spaces are functional, appearing to be well kept upon inspection. The hotel's pitched roof consists of wood trusses, covered with plywood and composition shingles. According to management, the roof portion over The Bistro was replaced in 2014. According to hotel management, the roof is in good condition with no deficiencies. There were no problems reported with the hotel's foundation, structure, or windows; furthermore, we did not observe any deficiencies with these areas.

Lobby

Guests enter the hotel through a single set of automatic doors, which open to a vestibule, and then through a second set of automatic doors. Overall, the entry was in very good condition upon inspection. The lobby is standard in size and appropriate for a select-service Courtyard by Marriott. The lobby walls are finished with wood and wallcovering, and the floor is finished with stone tiles. The registration area features "Welcome Podiums," and the lobby offers a GoBoard™, a touch-screen information system providing up-to-date weather information, local events and headlines, restaurant recommendations, and mapping capabilities. The furnishings and finishes in this space were in very good condition. The lobby was completely renovated to the new Refreshing Business Lobby concept in 2011.

#### **LOBBY SEATING AREA**



#### **FRONT DESK**



Guestrooms

The hotel features standard guestroom configurations, and guestrooms are found on all levels of the one building. The rooms are adequately sized and offer typical amenities for this product type. Guestrooms feature a dresser with a 32-inch flat-panel television, a work desk with ergonomic chair, an armchair or sofa, bedside tables, and lighting fixtures. In-room amenities include high-speed wired/wireless



Internet access, a telephone with voicemail and data port, an iPod docking station and alarm clock, an iron and ironing board, and a coffeemaker. Deluxe rooms are available for a premium and offer a slightly larger living space, as well as additional amenities such as a microwave and a small refrigerator. The guestrooms received new carpet and new softgoods in 2009. The furniture showed signs of age, with minor scratches; however, the guestrooms were in overall good condition upon inspection.

Guestroom bathrooms are of a standard size, with a shower-in-tub and commode. A single sink with vanity area is located adjacent to the bathroom. The fixtures appeared to be in good condition upon inspection. The floors are finished with tile, and the walls are finished with wallcovering. Bathroom amenities include a hairdryer and complimentary toiletries. No recent renovations were noted by management. Overall, the guestroom bathrooms appeared to be in good condition.

#### TYPICAL GUESTROOM – SLEEPING AREA



#### **TYPICAL GUESTROOM – LIVING AREA**





#### TYPICAL GUESTROOM BATHROOM – SINK



#### TYPICAL GUESTROOM BATHROOM - BATH



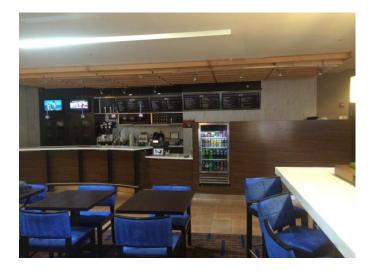
The interior guestroom corridors are wide and functional, permitting the easy passage of housekeeping carts. The guestroom corridors received new carpet and wallcovering in 2009. Overall, the guestroom corridors were in good condition upon inspection.

Food and Beverage Facilities

The Bistro is a counter-service food and beverage operation providing guests with a variety of options for breakfast and dinner, as well as evening cocktails. The Bistro design is intended to draw guests into the lobby as a communal space for relaxation, with a variety of areas available for guest use, including a communal table, a home theater-like entertainment area, media pods, and a business library, as well as individual tables. The restaurant's size and layout are appropriate for the food and beverage service offered by the hotel, and the furnishings were in good condition. The restaurant and lounge area underwent a major renovation in 2011, concurrent with the lobby renovation. The former Courtyard Café was replaced with the new Bistro concept at that time. Overall, the hotel provides a competitive offering of food and beverage facilities for a select-service property.



#### **RESTAURANT**



#### **MEETING ROOM**



Meeting and Banquet Space

**Recreational Facilities** 

The hotel offers three meeting rooms and a boardroom, located on the first floor. Two of the meeting rooms and the boardroom were renovated in 2009, and the Gulfstream meeting room was renovated in 2011; upgrades included new carpet and wallcovering. The meeting space was in very good condition upon inspection.

The hotel features an outdoor pool and whirlpool. There were no major problems reported with the pool operation, and the area was clean and attractive. The hotel offers a fitness room, located adjacent to the pool area, which was in good condition at the time of our inspection. No recent renovations were noted to these areas by management.



#### **FITNESS ROOM**



#### **POOL**



#### **Additional Facilities**

The hotel offers The Market, located near the main entrance and next to the registration area. The Market is operated by the front desk staff, and the space was in very good condition at the time of inspection. The Market was added in 2011 during the lobby renovations. The hotel offers an ice machine near the elevator bay on each guestroom floor, as well as a guest laundry room on the second floor; these areas were in good condition. No recent renovations were noted by management.

A business center is located in the lobby lounge area. This space has three computer workstations, offering office technology and good quality furnishings. This area was completely renovated during the lobby renovation in 2011. Overall, this space was in very good condition.



#### **RETAIL**



#### **BUSINESS CENTER**



#### Back-of-the-House

The subject property is served by the necessary back-of-the-house space, including an in-house laundry facility, administrative offices, and a kitchen. The kitchen is located adjacent to The Bistro, and while smaller than a full-service kitchen, it is appropriate for the scope of service provided. The kitchen area appeared to be in good condition and was reported to be fully operational by management. According to management, a significant amount of kitchen equipment was replaced in 2011. The in-house laundry facility contains two large-capacity washers and three dryers. All appliances were reported to be operational at the time of inspection and appeared to be in good condition.



#### **LAUNDRY**



#### **KITCHEN**



#### ADA and Environmental

Functional Obsolescence

Effective Age and Remaining Economic Life

According to information provided by management representatives, there are no environmental hazards present in the subject property's improvements, nor did we observe any. The property reportedly complies with the Americans with Disabilities Act; furthermore, the ADA-mandated pool lifts were installed in 2013.

Due to the age of the subject property, which was constructed roughly 27 years ago, some functional obsolescence is to be expected. However, upon our inspection, we found no major components or aspects of the property's design that significantly limit its profitability.

Our opinion of effective age and remaining economic life for the building is presented as follows.

#### FIGURE 3-3 EFFECTIVE AGE AND REMAINING ECONOMIC LIFE

Typical Economic Life 50 Ye Chronological Age 27 Effective Age 15 Remaining Economic Life 35	'ear
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Hotels are typically renewed on a regular basis. With good ongoing maintenance and regular upgrading, the remaining economic life can be periodically extended.



#### **Capital Expenditures**

No major expenditures were reported in 2012. In 2013, capital was spent on repainting the exterior of the building. The only major expenditure reported in 2014 was replacing the roof portion over The Bistro. Reportedly, no major capital has been spent thus far in 2015.

Our analysis specifically assumes that the hotel will require ongoing renovations in order to maintain the Courtyard by Marriott flag, as well as its RevPAR position in this market, as forecast in this report. In order to fund planned renovations, we have assumed a capital deduction in our analysis, as noted in the executive summary, and a reserve for replacement. This capital deduction is expected to address upgrading the guestrooms with new case goods, softgoods, carpeting, and artwork, as well as replacing the bathtubs in the king-bedded guestroom bathrooms with shower stalls and replacing the tile floors, tub surrounds, and wallcovering in all guestroom bathrooms.

#### **Conclusion**

Currently, the asset suffers from dated design elements and aging FF&E in the guestrooms. However, we expect that upcoming renovations associated with the brand-mandated PIP will significantly improve the subject property's overall quality. Virtually all aspects of the hotel will be upgraded by year-end 2018.



## 4. Market Area Analysis

The economic vitality of the market area and neighborhood surrounding the subject property is an important consideration in forecasting lodging demand and income potential. Economic and demographic trends that reflect the amount of visitation provide a basis from which to project lodging demand. The purpose of the market area analysis is to review available economic and demographic data to determine whether the local market will undergo economic growth, stabilize, or decline. In addition to predicting the direction of the economy, the rate of change must be quantified. These trends are then correlated based on their propensity to reflect variations in lodging demand, with the objective of forecasting the amount of growth or decline in visitation by individual market segment (e.g., commercial, meeting and group, and leisure).

#### **Market Area Definition**

The market area for a lodging facility is the geographical region where the sources of demand and the competitive supply are located. The subject property is located in the city of Ocala, the county of Marion, and the state of Florida. Serving as the seat of Marion County, Ocala is the fourth-largest county in the state and is located in Central Florida. Ocala is known as the "Horse Capital of the World™," and Marion County features more than 600 horse farms anchored by the Florida Horse Park, which opened in 2005, and the Ocala Equestrian Complex. The county is one of only four major thoroughbred centers in the world. The city enjoyed significant population growth between 1975 and 2000, registering some of the highest population growth rates in the country. The area is home to manufacturing facilities for a number of large companies, such as Lockheed Martin, E-ONE, and ClosetMaid. The Ocala area's economy is also supported by a strong healthcare sector and Central Florida Community College.



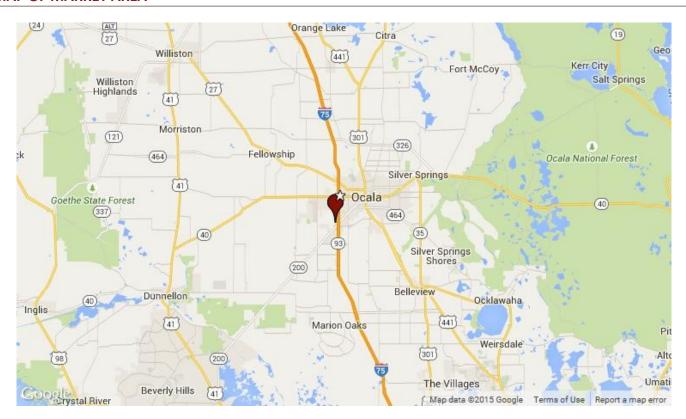
### **OCALA**



The subject property's market area can be defined by its Metropolitan Statistical Area (MSA): Ocala, FL MSA. The MSA is the most standard definition used in comparative studies of metropolitan areas. The federal government defines an MSA as a large population nucleus, which, together with adjacent counties, has a higher degree of social integration. The following exhibit illustrates the market area.

# <u>ĤVS</u>

### **MAP OF MARKET AREA**



## **Economic and Demographic Review**

A primary source of economic and demographic statistics used in this analysis is the *Complete Economic and Demographic Data Source* published by Woods & Poole Economics, Inc.—a well-regarded forecasting service based in Washington, D.C. Using a database containing more than 900 variables for each county in the nation, Woods & Poole employs a sophisticated regional model to forecast economic and demographic trends. Historical statistics are based on census data and information published by the Bureau of Economic Analysis. Projections are formulated by Woods & Poole, and all dollar amounts have been adjusted for inflation, thus reflecting real change.

These data are summarized in the following table.

						erage Annu pounded Cha	
	2000	2010	2014	2020	2000-10	2010-14	2014-20
Resident Population (Thou	usands)						
Marion County	260.2	331.4	348.8	383.3	2.4 %	1.3 %	1.6 %
Ocala, FL MSA	260.2	331.4	348.8	383.3	2.4	1.3	1.6
State of Florida	16,047.5	18,838.6	19,892.3	21,658.1	1.6	1.4	1.4
United States	282,162.4	309,330.2	320,976.9	340,554.3	0.9	0.9	1.0
Per-Capita Personal Incom	ne*						
Marion County	\$27,675	\$30,963	\$32,329	\$34,693	1.1	1.1	1.2
Ocala, FL MSA	27,675	30,963	32,329	34,693	1.1	1.1	1.2
State of Florida	34,981	37,721	38,994	42,027	0.8	0.8	1.3
United States	36,473	39,144	41,079	44,387	0.7	1.2	1.3
W&P Wealth Index							
Marion County	80.1	84.2	83.7	83.3	0.5	(0.2)	(0.1)
Ocala, FL MSA	80.1	84.2	83.7	83.3	0.5	(0.2)	(0.1)
State of Florida	99.3	101.5	100.2	100.0	0.2	(0.3)	(0.0)
United States	100.0	100.0	100.0	100.0	0.0	0.0	0.0
Food and Beverage Sales (	(Millions)*						
Marion County	\$247	\$331	\$367	\$428	3.0	2.6	2.6
Ocala, FL MSA	247	331	367	428	3.0	2.6	2.6
State of Florida	22,184	29,113	32,452	37,143	2.8	2.8	2.3
United States	368,842	447,396	490,340	548,160	1.9	2.3	1.9
Total Retail Sales (Millions	6)*						
Marion County	\$3,500	\$4,289	\$4,838	\$5,632	2.1	3.1	2.6
Ocala, FL MSA	3,500	4,289	4,838	5,632	2.1	3.1	2.6
State of Florida	241,576	276,484	312,967	360,559	1.4	3.1	2.4
United States	3,902,969	4,149,070	4,617,326	5,187,469	0.6	2.7	2.0

<sup>\*</sup> Inflation Adjusted

Source: Woods & Poole Economics, Inc.

# **ĤVS**

The U.S. population has grown at an average annual compounded rate of 0.9% from 2010 through 2014. The county's population has grown at a quicker pace than the nation's population; the average annual growth rate of 1.3% between 2010 and 2014 reflects a gradually expanding area. Following this population trend, per-capita personal income increased slowly, at 1.1% on average annually for the county between 2010 and 2014. Local wealth indexes have remained stable in recent years, registering a relatively modest 83.7 level for the county in 2014.

Food and beverage sales totaled \$367 million in the county in 2014, versus \$331 million in 2010. This reflects a 2.6% average annual change, which is weaker than the 3.0% pace recorded in the prior decade. Over the long term, the pace of growth is forecast to moderate to a more sustainable level of 2.6%, which is forecast through 2020. The retail sales sector demonstrated an annual increase of 2.1% registered in the decade 2000 to 2010, followed by an increase of 3.1% in the period 2010 to 2014. An increase of 2.6% average annual change is expected in county retail sales through 2020.

### Workforce Characteristics

The characteristics of an area's workforce provide an indication of the type and amount of transient visitation likely to be generated by local businesses. Sectors such as finance, insurance, and real estate (FIRE); wholesale trade; and services produce a considerable number of visitors who are not particularly rate-sensitive. The government sector often generates transient room nights, but per-diem reimbursement allowances often limit the accommodations selection to budget and mid-priced lodging facilities. Contributions from manufacturing, construction, transportation, communications, and public utilities (TCPU) employers can also be important, depending on the company type.

The following table sets forth the county workforce distribution by business sector in 2000, 2010, and 2014, as well as a forecast for 2020.

FIGURE 4-2 HISTORICAL AND PROJECTED EMPLOYMENT (000S)

										verage Annu pounded Ch	
		Percent		Percent		Percent		Percent			
Industry	2000	of Total	2010	of Total	2014	of Total	2020	of Total	2000-2010	2010-2014	2014-2020
Farm	3.8	3.3 %	3.8	2.9 %	3.8	2.8 %	4.0	2.6 %	(0.1) %	0.6 %	0.7 %
Forestry, Fishing, Related Activities And Other	1.5	1.4	1.8	1.4	1.9	1.3	2.0	1.3	1.7	0.4	1.6
Mining	0.3	0.3	0.5	0.4	0.5	0.4	0.6	0.4	4.6	3.7	1.2
Utilities	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	(0.6)	0.0
Construction	8.3	7.3	8.7	6.7	8.8	6.4	10.6	6.9	0.5	0.3	3.1
Manufacturing	10.4	9.2	6.8	5.2	6.9	5.0	7.2	4.6	(4.1)	0.4	0.5
Total Trade	21.5	19.1	21.0	16.1	22.5	16.3	25.2	16.3	(0.3)	1.8	1.9
Wholesale Trade	3.6	3.2	3.9	3.0	4.0	2.9	4.2	2.7	0.8	0.6	0.7
Retail Trade	17.9	15.9	17.1	13.1	18.5	13.4	21.0	13.6	(0.5)	2.1	2.1
Transportation And Warehousing	3.3	2.9	3.6	2.7	4.1	3.0	4.6	3.0	0.7	3.4	2.0
Information	1.7	1.5	1.9	1.5	2.0	1.5	2.2	1.4	1.1	1.9	1.3
Finance And Insurance	3.9	3.4	5.9	4.5	6.4	4.7	7.3	4.7	4.3	2.3	2.1
Real Estate And Rental And Lease	3.9	3.4	6.5	5.0	6.9	5.0	7.5	4.9	5.3	1.6	1.5
Total Services	38.3	33.9	50.8	39.1	55.3	40.0	63.1	41.0	2.9	2.1	2.2
Professional And Technical Services	3.9	3.4	5.6	4.3	6.0	4.3	6.7	4.3	3.8	1.6	1.9
Management Of Companies And Enterprises	0.3	0.3	0.4	0.3	0.4	0.3	0.4	0.2	1.5	(1.2)	0.5
Administrative And Waste Services	7.7	6.9	7.8	6.0	8.5	6.2	9.7	6.3	0.1	2.1	2.1
Educational Services	0.5	0.5	1.8	1.4	2.1	1.5	2.6	1.7	12.8	4.4	3.6
Health Care And Social Assistance	9.8	8.7	14.7	11.3	16.0	11.6	18.5	12.0	4.1	2.3	2.4
Arts, Entertainment, And Recreation	2.1	1.9	3.1	2.4	3.4	2.4	3.9	2.5	4.0	2.0	2.3
Accommodation And Food Services	6.5	5.8	8.8	6.8	9.4	6.8	10.5	6.8	3.1	1.8	1.8
Other Services, Except Public Administration	7.4	6.6	8.7	6.7	9.5	6.9	11.0	7.1	1.6	2.2	2.5
Total Government	15.7	13.9	18.5	14.2	18.5	13.4	19.6	12.7	1.7	0.0	1.0
Federal Civilian Government	0.9	0.8	0.9	0.7	0.7	0.5	0.8	0.5	0.8	(5.8)	0.6
Federal Military	0.6	0.5	0.7	0.5	0.7	0.5	0.7	0.4	1.9	(0.4)	0.1
State And Local Government	14.3	12.7	16.9	13.0	17.1	12.4	18.2	11.8	1.7	0.3	1.0
TOTAL	442.0	100.0.0′	120.0	100.0.00	120.0	100.0.07	454.2	100.0 %	4.4.0/	1.5.0/	1.0.0/
TOTAL	112.8	100.0 %	130.0	100.0 %	138.0	100.0 %	154.2	100.0 %	1.4 %	1.5 %	1.9 %
U.S.	165,371.0	_	173,626.7	_	183,038.2	_	198,343.5	_	0.7	1.3	1.3

Source: Woods & Poole Economics, Inc.

# **ĤVS**

Woods & Poole Economics, Inc. reports that during the period from 2000 to 2010, total employment in the county grew at an average annual rate of 1.4%. This trend was on par with the growth rate recorded by the MSA and also outpaced the national average, reflecting the expanding nature of the local economy throughout most of the decade until the recession in the latter years. More recently, the pace of total employment growth in the county accelerated to 1.5% on an annual average from 2010 to 2014, reflecting the initial years of the recovery.

Of the primary employment sectors, Total Services recorded the highest increase in number of employees during the period from 2010 to 2014, increasing by 4,458 people, or 8.8%, and rising from 39.1% to 40.0% of total employment. Of the various service sub-sectors, Health Care And Social Assistance and Other Services, Except Public Administration were the largest employers. Forecasts developed by Woods & Poole Economics, Inc. anticipate that total employment in the county will change by 1.9% on average annually through 2020. The trend is above the forecast rate of change for the U.S. as a whole during the same period.

# Radial Demographic Snapshot

The following table reflects radial demographic trends for our market area measured by three points of distance from the subject property.



FIGURE 4-3 DEMOGRAPHICS BY RADIUS

	0.00 - 1.00 miles	0.00 - 3.00 miles	0.00 - 5.00
Population			
2019 Projection	6,011	27,053	61,913
2014 Estimate	5,330	25,152	58,94
2010 Census	4,741	23,651	56,91
2000 Census	1,933	16,292	43,51
Growth 2014-2019	12.8%	7.6%	5.0%
Growth 2010-2014	12.4%	6.4%	3.69
Growth 2000-2010	145.3%	45.2%	30.89
Households			
2019 Projection	2,542	10,893	26,04
2014 Estimate	2,236	10,014	24,630
2010 Census	1,986	9,311	23,610
2000 Census	750	6,296	17,43
Growth 2014-2019	13.7%	8.8%	5.7%
Growth 2010-2014	12.6%	7.6%	4.3%
Growth 2000-2010	165.0%	47.9%	35.5%
Income			
2014 Est. Average Household Income	\$52,388	\$49,064	\$49,24
2014 Est. Median Household Income	34,548	33,236	34,24
2014 Est. Civ Employed Pop 16+ by Occupation	2,024	9,238	23,21
Architect/Engineer	12	68	14
Arts/Entertain/Sports	27	72	21
Building Grounds Maint	67	457	1,29
Business/Financial Ops	29	135	454
Community/Soc Svcs	35	86	29
Computer/Mathematical	21	67	16
Construction/Extraction	87	529	1,13
Edu/Training/Library	134	478	1,14
Farm/Fish/Forestry	1	84	46
Food Prep/Serving	249	1,088	2,32
Health Practitioner/Tec	273	1,387	2,71
Healthcare Support	67	366	76
Maintenance Repair	23	131	52
Legal	48	91	28
Life/Phys/Soc Science	10	42	8
Management	303	974	2,07
Office/Admin Support	222	1,030	2,88
Production	56	403	1,06
Protective Svcs	13	145	49
Sales/Related	277	1,148	2,93
Personal Care/Svc	34	206	76:
Transportation/Moving	36	250	999

Source: The Nielsen Company



## Unemployment Statistics

This source reports a population of 58,947 within a five-mile radius of the subject property, and 24,636 households within this same radius. Average household income within a five-mile radius of the subject property is currently reported at \$49,244, while the median is \$34,244.

The following table presents historical unemployment rates for the subject property's market area.

FIGURE 4-4 UNEMPLOYMENT STATISTICS

Year	County	State	U.S.
2005	3.8 %	3.7 %	5.1 %
2006	3.4	3.2	4.6
2007	4.7	4.0	4.6
2008	8.1	6.3	5.8
2009	12.8	10.4	9.3
2010	13.6	11.1	9.6
2011	12.3	10.0	8.9
2012	10.3	8.5	8.1
2013	8.6	7.3	7.4
2014	7.3	6.3	6.2
Recent Month -	Mar		
2014	7.7 %	6.6 %	6.6 %
2015	6.6	5.5	5.5

<sup>\*</sup> Letters shown next to data points (if any) reflect revised population controls and/or model re-estimation implemented by the RIS

Source: U.S. Bureau of Labor Statistics

The unemployment rate for the U.S. fluctuated within the narrow range of 4.6% to 5.5% in the period spanning from 2004 to 2007. The recession and financial crisis in 2007 and 2008 resulted in heightened unemployment rates, which peaked at 10.0% in October of 2009. Job growth resumed in late 2009; the national unemployment rate has steadily declined since 2010. Total nonfarm payroll employment increased by 295,000 and 126,000 in the most recent months of February and March, respectively, with gains relatively widespread and particularly strong in the professional and business services, health care, and retail trade categories. The unemployment rate was 5.5% in February and March of 2015, slightly lower than the 5.7% rate in January. The positive gains in employment reflect steady progress by the U.S. economy.

Locally, the unemployment rate was 7.3% in 2014; for this same area in 2015, the most recent month's unemployment rate was registered at 6.6%, versus 7.7% for the same month in 2014. After showing year-over-year improvement, unemployment rates began to rise in 2007, and this trend continued through 2010. Economic officials indicated that unemployment rates were high because of the area's large population and increasing popularity with retirees, as many of these retirees were reintroduced into the workforce due to the national economic turmoil. Unemployment levels were also influenced during this period by the closure of Taylor, Bean & Whitaker Mortgage Corp., which maintained a large office in the market; this company reportedly laid off 1,200 employees in 2009. However, unemployment declined in 2011 as the economy rebounded, a trend that continued through 2014. The most recent comparative period illustrates further improvement, as indicated by the latest available data for 2015. Our interviews with economic development officials reflect a positive outlook, primarily attributed to expansions at local businesses and the entrance of new companies, such as Coates Golf.

# Major Business and Industry

FIGURE 4-5

Providing additional context for understanding the nature of the regional economy, the following table presents a list of the major employers in the subject property's market.

**MAJOR EMPLOYERS** 

		Number of
Rank	Firm	Employees
1	Marion County Public Schools	6,071
2	Munroe Regional Medical Center	2,648
3	State of Florida	2,600
4	Wal-Mart Stores, Inc.	2,370
5	Ocala Regional Health System	2,020
6	Publix Supermarkets	1,488
7	Marion County Board of Commissioners	1,462
8	AT&T	1,000
9	City of Ocala	994
10	Lockheed Martin	981

The following bullet points highlight major demand generators for this market:

 Major employers such as Lockheed Martin, ClosetMaid, and E-ONE dominate the local manufacturing industry. Lockheed Martin Ocala Operations center is

Source: Marion County Economic Development Council, 2015

## **HVS**

a system-assembly production facility that assembles electronics for space, commercial, and defense applications, along with performing testing and assembly for Lockheed Martin Missiles and Fire Control programs. E-ONE is another major employer for the market and performs design, production, and marketing for fire-rescue vehicles. In August of 2014, E-ONE obtained an agreement with Finnish company Bronto Skylift Oy Ab as the exclusive distributor of Bronto Skylift® RLPs in the United States and Canada.

- The healthcare sector is important within this region. Ocala is home to many healthcare facilities and three primary hospitals, such as Munroe Regional Medical Center, Ocala Regional Medical Center, and West Marion Community Hospital. In 2014, Munroe Regional Medical Center was named Marion County's most preferred hospital for overall quality by the National Research Corporation for the eleventh consecutive year. The 421-bed facility was also recognized as one of the top 100 hospitals for overall cardiac care in 2014 by HealthGrades. In 2014, several Ocala hospitals also received Specialty Excellence Awards for Clinical Excellence in various service areas. In September of 2014, Ocala Health leadership announced a dual-hospital expansion for both Ocala Regional and West Marion that is expected to include a total of 46 new patient beds and nearly 75,000 square feet. The expansion represents a \$45,000,000 investment by HCA, Ocala Health's parent company. Both projects will reportedly be completed in late 2016.
- The Ocala area is one of the primary thoroughbred breeding and training centers in the world. Over 35,000 thoroughbreds are being raised on numerous farms among 70,000 acres of land. Many successes in the equestrian world have been achieved by the Ocala farms, breeding forty-seven National Champions and six Kentucky Derby Winners, as well as receiving six Horses of the Year Awards, among many other achievements. In all, the total economic impact of the thoroughbred industry in Ocala is estimated at \$2.62 billion.

Entities such as Intellon and the Florida Institute for Human & Machine Cognition are incubating a small technology corridor in Ocala, in the heart of the greater Florida High Tech Corridor. The Ocala community offers investment and support for technology businesses and aggressively promotes job creation with grants, refunds, and abatements to aid companies in their site- and community-selection process. Other changes in the market include the construction of the Marion County Justice Center, which opened in January of 2010, and the expansion at Rasmussen College, with the construction of a \$9.2-million, 23,000-square-foot building that opened in March of 2011. Snider Fleet Solutions, a manufacturing company for the transportation industry, announced its relocation to Ocala in 2014. In addition, in January of 2015, Coates Golf announced plans to build a manufacturing plant in Ocala that would produce high-quality golf clubs designed for women. Lastly, the Ocala International Airport, operated by the City of Ocala, is

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Airport Traffic

highly utilized by corporate and private jets coming to the area for the thoroughbred auctions. The FAA-regulated control tower opened in 2010, and the Florida Department of Transportation estimates the total annual economic impact from the airport to be \$88,646,200 as of 2014. Flight training represents a large component of airport activity at OCF, accounting for roughly 30% of the airport's annual operations.

Airport passenger counts are important indicators of lodging demand. Depending on the type of service provided by a particular airfield, a sizable percentage of arriving passengers may require hotel accommodations. Trends showing changes in passenger counts also reflect local business activity and the overall economic health of the area.

Orlando International Airport (MCO) is located approximately six miles southeast of Downtown Orlando. Many major airlines service MCO, and the modern terminal facility offers a convenient passenger transportation system linking the concourse gates to the multilevel terminal. Orlando International Airport offers a variety of retail outlets and services, including numerous restaurants and bars. In 2009, the airport was awarded approximately \$26 million in grants through the American Recovery and Reinvestment Act of 2009 (ARRA). According to airport officials, ARRA funding has allowed for taxiway improvements and a variety of other infrastructure improvements. In 2015, construction commenced on a \$1.1-billion expansion and modernization project at the airport. Initial changes will include the expansion of the automated people mover, a \$215-million intermodal transportation hub, upgraded ticket lobbies, and a \$114-million expansion and refurbishment of Airside 4. Construction on the initial improvements is scheduled for completion by 2018. Future plans call for the addition of up to 120 domestic and international gates at the South Terminal, a 1,000-room hotel, and over 750,000 square feet of additional retail space.

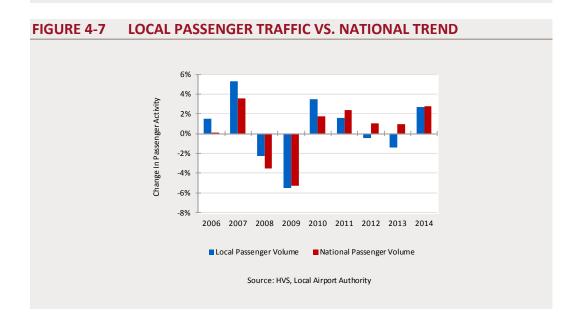
The following table illustrates recent operating statistics for the Orlando International Airport, which is the primary airport facility serving the subject property's submarket.



FIGURE 4-6 **AIRPORT STATISTICS - ORLANDO INTERNATIONAL AIRPORT** 

	Passenger	Percent	Percent
Year	Traffic	Change*	Change*
2005	34,128,048	_	_
2006	34,640,451	1.5 %	1.5 %
2007	36,480,416	5.3	3.4
2008	35,661,269	(2.2)	1.5
2009	33,693,649	(5.5)	(0.3)
2010	34,877,899	3.5	0.4
2011	35,426,006	1.6	0.6
2012	35,273,036	(0.4)	0.5
2013	34,768,945	(1.4)	0.2
2014	35,714,786	2.7	0.5
Year-to-dat	e, Mar		
2014	8,984,347	_	_
2015	9,655,226	7.5 %	_

Source: Orlando International Airport



This facility recorded 35,714,786 passengers in 2014. The change in passenger traffic between 2013 and 2014 was 2.7%. The average annual change during the

<sup>\*\*</sup>Annual average compounded percentage change from first year of data



period shown was 0.5%. The recent uptick in passenger traffic can be attributed in large part to increased service by major air carriers in response to stronger economic conditions and a rise in demand. As one of the most visited cities in the world, Orlando boasts an ever-expanding route network. For the month of February 2015, over 20 additional flights across six national and international airlines were added to the airport. This trend is expected to continue throughout 2015 as more favorable economic conditions boost travel to the Orlando market.

The following table illustrates recent operating statistics for the Tampa International Airport, which is the secondary airport facility serving the subject property's submarket.

FIGURE 4-8 AIRPORT STATISTICS – TAMPA INTERNATIONAL AIRPORT

	Passenger	Percent	Percent
Year	Traffic	Change*	Change**
2005	19,045,390	_	_
2006	18,867,541	(0.9) %	(44.7) %
2007	19,154,957	1.5	(25.1)
2008	18,262,934	(4.7)	(18.8)
2009	16,965,545	(7.1)	(16.0)
2010	16,645,765	(1.9)	(13.4)
2011	16,670,315	0.1	(11.3)
2012	16,820,859	0.9	(9.6)
2013	16,920,093	0.6	(8.4)
2014	17,552,707	3.7	(7.1)
Year-to-date	e, Mar		
2014	4,534,930	_	_
2015	4,866,232	7.3 %	_

<sup>\*</sup>Annual average compounded percentage change from the previous year

Source: Tampa International Airport

Tampa International Airport (TPA) is served by major commercial airlines, which provide nonstop daily and connecting service to national and international destinations. Tampa International Airport is an award-winning facility due to its unique architectural design and travel-friendly functionality. In 2013, TPA completed a \$27.6-million renovation to Airside F in order to improve the flow of passengers through security and customs and to expand the airport's ability to handle baggage. A \$2.5-billion master plan was approved in April of 2013 for the

<sup>\*\*</sup>Annual average compounded percentage change from first year of data

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airport. The first phase of this plan, which will include the construction of a consolidated rental car facility and a people mover to transport passengers to the new facility, should be completed by 2017. Additional changes will include the expansion of the current terminals to accommodate an increased number of international travelers; the development of additional commercial, retail, restaurant, and hotel space; and the construction of a new tower. This facility registered 17,552,707 passengers in 2014. The change in passenger traffic between 2013 and 2014 was 3.7%. The increase in passenger traffic can be attributed in large part to improving economic conditions on both micro and macro scales; consumers have increased spending related to travel, while airlines have recovered from the significant decline in demand experienced from 2008 through 2010.

### **Tourist Attractions**

The area's location near the Ocala National Forest and a variety of lakes, rivers, and freshwater springs make this area popular for tourism. Tourism in this area generally peaks between January and August. During other times of the year, weekend demand comprises travelers passing through en route to other destinations, people visiting friends or relatives, and other similar weekend demand generators. Primary attractions in the area include the following:

- Silver Springs is a 350-acre nature theme park that offers a variety of rides and attractions at one of the largest artesian springs in the world. The park's most famous attraction is its glass-bottom boat tours, which allow visitors a view of the Silver River's rich underwater life, including snails, alligators, fish, shrimp, and turtles.
- The Appleton Museum of Art of Central Florida Community College features art and antiquities from Africa, Europe, and Asia, as well as the Pre-Columbian era. The museum also features revolving guest exhibits, the current of which is "Everglades: America's Wetland," a collection of photographs taken by a biologist for the National Audubon Society; this exhibit will run until July 2015.
- Ocala National Forest covers 383,000 acres and offers visitors miles of hiking trails and biking trails, as well as a multitude of boating and fishing opportunities. The forest, which was established in 1908, is the oldest national forest east of the Mississippi.
- The Ocala area, known as the "Horse Capital of the World," features approximately 600 horse farms. Visitors can tour many of these facilities, such as the Ocala Equestrian Complex, and experience the world of equestrian breeding and competition first-hand. Visitors may also tour the Florida Horse Park, which hosts world-class equestrian events year-round.



### SILVER SPRINGS STATE PARK

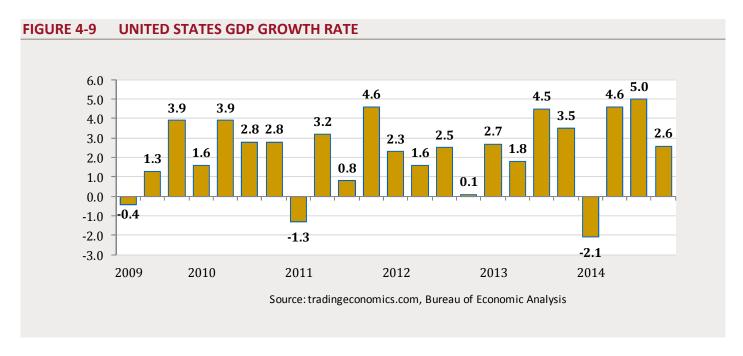


### Conclusion

This section discussed a wide variety of economic indicators for the pertinent market area. Ocala is experiencing a period of economic strength and expansion, primarily led by the healthcare sector and the thoroughbred industry, which provide a stable economic base to the region. The outlook for the area is positive, as county officials anticipate steady growth over the next five years.

Our analysis of the outlook for this specific market also considers the broader context of the national economy. The U.S. economy has entered a new phase of sustained economic expansion. The economy has grown at positive, albeit fluctuating, rates for the past three years, with the exception of the first quarter of 2014, largely attributed to the severe winter weather that hampered normal business activity throughout much of the country. A rebound in the second and third quarters registered robust 4.6% and 5.0% growth rates, respectively. Growth in the fourth quarter of 2014, which moderated to 2.6%, was driven by advances in personal consumption expenditures (PCE), private inventory investment, exports, nonresidential fixed investment, state and local government spending, and residential fixed investment.





The performance of the economic drivers of lodging demand was positive in the fourth quarter of 2014, with real personal consumption expenditures increasing 4.3%, durable goods increasing 7.4%, and services increasing 3.7%. The Conference Board Global Economic Outlook expects U.S. GDP growth to moderate to an annual rate of 2.6% in 2015 due to headwinds generated by the strong U.S. dollar and global economic weakness, while the Economist Intelligence Unit projects a stronger growth rate of 3.4%, driven by lower energy prices and strong employment gains. U.S. economic growth is anticipated to support continued expansion of lodging demand, which in turn is generating strong interest in hotel investments by a diverse array of market participants.



### 5. Supply and Demand Analysis

In the lodging industry, supply is measured by the number of guestrooms available, and demand is measured by the number of rooms occupied; the net effect of supply and demand toward equilibrium results in a prevailing price, or average rate. The purpose of this section is to investigate current supply and demand trends as indicated by the current competitive market, resulting in a forecast of market-wide occupancy.

National Trends
Overview

The subject property and local lodging market are most directly affected by the supply and demand trends within the immediate area. However, individual markets are also influenced by conditions in the national lodging market. We have reviewed national lodging trends to provide a context for the forecast of the supply and demand for the subject property's competitive set.

Smith Travel Research (STR) is an independent research firm that compiles data on the lodging industry, and this information is routinely used by typical hotel buyers. The following STR diagram presents annual hotel occupancy and average rate data since 1987. The next two tables contain information that is more recent; the data are categorized by geographical region, price point, type of location, and chain scale, and the statistics include occupancy, average rate, and rooms revenue per available room (RevPAR). RevPAR is calculated by multiplying occupancy by average rate and provides an indication of how well rooms revenue is being maximized.



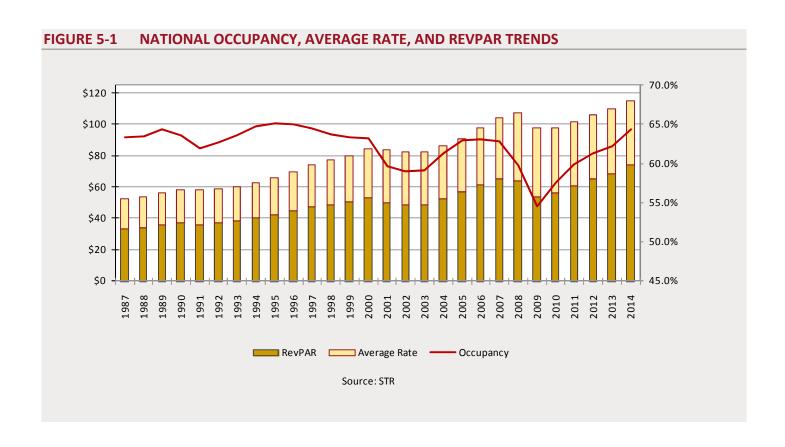




FIGURE 5-2 NATIONAL OCCUPANCY AND AVERAGE RATE TRENDS – YEAR-TO-DATE DATA

	Occup	ancy - Thr	u March	Average	Rate - Thru	March	RevPAR - Thru March			
	2014	2015	% Change	2014	2015	% Change	2014	2015	% Change	
United States	59.3 %	61.1 %	3.1 %	\$111.83	\$117.05	4.7 %	\$66.27	\$71.53	7.9 %	
Region										
New England	51.0 %	53.5 %	4.9 %	\$118.05	\$123.63	4.7 %	\$60.23	\$66.17	9.9 %	
Middle Atlantic	56.3	56.9	1.1	141.09	139.68	(1.0)	79.41	79.46	0.1	
South Atlantic	62.9	65.4	4.1	115.36	122.20	5.9	72.55	79.98	10.2	
East North Central	50.9	52.0	2.1	89.16	93.75	5.1	45.42	48.76	7.3	
East South Central	54.0	55.3	2.4	81.78	85.74	4.8	44.18	47.44	7.4	
West North Central	50.0	51.4	2.9	84.54	87.45	3.4	42.25	44.95	6.4	
West South Central	62.5	63.6	1.6	96.72	100.00	3.4	60.48	63.55	5.1	
Mountain	60.8	63.1	3.9	112.67	119.03	5.6	68.45	75.10	9.7	
Pacific	66.3	69.0	4.1	135.51	143.65	6.0	89.84	99.16	10.4	
Class										
Luxury	66.4 %	68.2 %	2.8 %	\$272.16	\$283.84	4.3 %	\$180.64	\$193.64	7.2 9	
Upper Upscale	68.4	69.5	1.6	163.86	171.25	4.5	112.05	119.02	6.2	
Upscale	67.2	68.8	2.3	124.46	130.88	5.2	83.69	90.07	7.6	
Upper Midscale	59.5	61.5	3.3	100.75	105.39	4.6	59.95	64.78	8.1	
Midscale	52.6	54.6	3.7	82.08	85.94	4.7	43.17	46.88	8.6	
Economy	52.2	54.3	4.0	58.45	61.84	5.8	30.53	33.58	10.0	
Location										
Urban	66.5 %	68.2 %	2.6 %	\$151.25	\$156.48	3.5 %	\$100.53	\$106.74	6.2 %	
Suburban	60.6	62.7	3.5	93.94	99.09	5.5	56.95	62.15	9.1	
Airport	70.6	72.1	2.1	101.63	108.62	6.9	71.72	78.26	9.1	
Interstate	49.5	51.1	3.2	74.27	77.04	3.7	36.75	39.35	7.1	
Resort	65.4	67.5	3.3	170.07	179.57	5.6	111.22	121.27	9.0	
Small Metro/Town	48.2	49.8	3.4	84.61	87.47	3.4	40.74	43.54	6.9	
Chain Scale										
Luxury	73.5 %	73.6 %	0.2 %	\$305.50	\$321.93	5.4 %	\$224.52	\$236.98	5.5 %	
Upper Upscale	70.4	71.3	1.3	164.49	172.23	4.7	115.79	122.78	6.0	
Upscale	69.8	70.9	1.7	123.93	130.43	5.2	86.46	92.50	7.0	
Upper Midscale	59.9	62.0	3.6	99.33	103.97	4.7	59.46	64.50	8.5	
Midscale	52.2	54.2	3.9	76.11	79.68	4.7	39.72	43.21	8.8	
Economy	52.1	54.0	3.5	52.26	55.15	5.5	27.25	29.76	9.2	
Independents	55.2	57.5	4.0	109.54	114.70	4.7	60.49	65.90	8.9	

Source: STR - March 2015 Lodging Review



FIGURE 5-3 NATIONAL OCCUPANCY AND AVERAGE RATE TRENDS - CALENDAR YEAR DATA

		Occupano	;y	Av	erage Rate	<u> </u>	RevPAR			
	2013	2014	% Change	2013	2014	% Change	2013	2014	% Change	
United States	62.2 %	64.4 %	3.6 %	\$110.30	\$115.32	4.6 %	\$68.58	\$74.28	8.3 %	
Region										
New England	62.4 %	63.7 %	2.1 %	\$131.85	\$138.68	5.2 %	\$82.22	\$88.32	7.4 %	
Middle Atlantic	65.9	66.9	1.6	155.90	160.45	2.9	102.73	107.40	4.5	
South Atlantic	61.9	64.8	4.8	106.63	111.20	4.3	65.96	72.09	9.3	
East North Central	59.0	60.6	2.7	95.64	99.65	4.2	56.47	60.40	7.0	
East South Central	56.8	59.1	4.1	82.00	86.35	5.3	46.54	51.01	9.6	
West North Central	57.7	59.6	3.3	86.52	90.13	4.2	49.97	53.76	7.6	
West South Central	61.4	63.7	3.8	93.06	96.44	3.6	57.10	61.42	7.6	
Mountain	60.2	63.2	4.9	98.97	104.47	5.6	59.62	65.99	10.7	
Pacific	69.4	71.5	3.0	133.75	142.44	6.5	92.83	101.85	9.7	
Price										
Luxury	68.6 %	70.0 %	2.2 %	\$256.22	\$269.13	5.0 %	\$175.64	\$188.47	7.3 %	
Upper upscale	70.1	71.8	2.4	159.84	167.25	4.6	112.12	120.16	7.2	
Upscale	69.4	71.8	3.4	123.14	129.07	4.8	85.48	92.64	8.4	
Upper midscale	63.2	65.8	4.0	101.44	105.77	4.3	64.15	69.55	8.4	
Midscale	56.8	59.0	3.9	83.13	86.37	3.9	47.19	50.93	7.9	
Econony	55.2	57.4	4.0	60.02	63.02	5.0	33.11	36.17	9.2	
Location										
Urban	70.5 %	72.3 %	2.7 %	\$160.81	\$167.99	4.5 %	\$113.31	\$121.53	7.3 %	
Suburban	62.8	65.4	4.1	92.60	97.16	4.9	58.15	63.50	9.2	
Airport	69.7	72.4	3.9	97.37	102.80	5.6	67.87	74.43	9.7	
Interstate	54.7	56.8	3.8	76.23	78.85	3.4	41.70	44.75	7.3	
Resort	64.0	66.2	3.6	150.30	158.15	5.2	96.13	104.75	9.0	
Small Metro/Town	54.7	56.5	3.3	89.45	92.66	3.6	48.91	52.34	7.0	
Chain Scale										
Luxury	74.6 %	75.2 %	0.9 %	\$290.61	\$306.83	5.6 %	\$216.71	\$230.84	6.5 %	
Upper Upscale	71.9	73.6	2.3	160.98	169.09	5.0	115.82	124.47	7.5	
Upscale	71.6	73.9	3.3	121.74	127.80	5.0	87.14	94.48	8.4	
Mid-scale w/ F&B	63.8	66.4	4.0	100.37	104.45	4.1	64.05	69.34	8.2	
Mid-scale w/o F&B	55.9	58.3	4.3	76.64	79.63	3.9	42.82	46.39	8.3	
Economy	55.2	57.3	3.8	53.83	56.37	4.7	29.73	32.33	8.7	
Independents	58.5	60.7	3.7	109.02	113.84	4.4	63.82	69.12	8.3	

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Following the significant occupancy and RevPAR decline experienced during the last recession, demand growth resumed in 2010, led by select markets that had recorded growth trends in the fourth quarter of 2009. The pace of demand growth accelerated through the year; in 2010, lodging demand in the U.S. increased by 7.3% over that registered in 2009. A return of business travel and some group activity contributed to these positive trends. The resurgence in demand was partly fueled by the significant price discounts that were widely available in the first half of 2010. These discounting policies were largely phased out in the latter half of the year, balancing much of the early rate loss. Average rate decreased by only 0.1% in 2010 when compared to 2009.

Demand growth remained strong, but decelerated from 2011 through 2013, increasing at rates of 4.7%, 2.8%, and 2.0%, respectively. Demand growth then surged to 4.0% in 2014, driven by a strong economy, a robust oil and gas sector, and limited new supply, among other factors. Average rate rebounded by respective rates of 3.8% and 4.2% in 2011 and 2012, followed by increases of 4.0% and 4.6%, respectively, in 2013 and 2014. In 2012, occupancy reached 61.3% (exceeding the ten-year average); moreover, occupancy gained another point in 2013, ending the year at 62.2%. The nation's occupancy in 2014 registered an additional gain of just over two points, finishing the year at 64.4% and approaching a level not experienced since the mid-1990s. Average rate finished the year just over \$110 in 2013, with a 4.6% gain registered in 2014; as a result, average rate ended 2014 at \$115.32. As shown, demand and average rates continue to strengthen. These trends, combined with the low levels of supply growth anticipated through the end of this year, should boost occupancy beyond its prior mid-1990's peak in 2015. We forecast U.S. hotel occupancy to reach 65.5% and 66.0% in 2015 and 2016, respectively. On a national average, strengthening occupancy levels should also permit hotels to increase room rates by 5.5% in both 2015 and 2016, above the 4.6% achieved in 2014.

### **Definition of Subject Hotel Market**

The 169-room Courtyard by Marriott Ocala is located in Ocala, Florida. The subject property's city offers 44 hotels and motels, spanning 3,543 rooms. The two largest hotels are the 256-room Amadeus Hotel and Conference Center and the 196-room Hilton.

Of this larger supply set, the subject property competes with a smaller set of hotels based on various factors. These factors may include location, price point, product quality, length of stay (such as an extended-stay focus vs. non-extended-stay focus), room type (all-suite vs. standard), hotel age, or brand, among other factors. We have reviewed these pertinent attributes and established a competitive set based upon this review.



## **Historical Supply** and Demand Data

Smith Travel Research (STR) is an independent research firm that compiles and publishes data on the lodging industry, routinely used by typical hotel buyers. HVS has ordered and analyzed an STR Trend Report of historical supply and demand data for the subject property and its competitors. This information is presented in the following table, along with the market-wide occupancy, average rate, and rooms revenue per available room (RevPAR). RevPAR is calculated by multiplying occupancy by average rate and provides an indication of how well rooms revenue is being maximized.

FIGURE 5-4 HISTORICAL SUPPLY AND DEMAND TRENDS (STR)

	Average Daily	Available Room		Occupied Room			Average			
Year	Room Count	Nights	Change	Nights	Change	Occupancy	Rate	Change	RevPAR	Change
2008	597	217,905	_	126,659	_	58.1 %	\$100.88	_	\$58.64	_
2009	597	217,905	0.0 %	124,404	(1.8) %	57.1	89.81	(11.0) %	51.27	(12.6) %
2010	597	217,905	0.0	128,228	3.1	58.8	90.38	0.6	53.19	3.7
2011	596	217,537	(0.2)	129,245	0.8	59.4	90.21	(0.2)	53.60	0.8
2012	602	219,760	1.0	133,338	3.2	60.7	92.38	2.4	56.05	4.6
2013	695	253,675	15.4	155,100	16.3	61.1	100.75	9.1	61.60	9.9
2014	695	253,675	0.0	166,975	7.7	65.8	104.46	3.7	68.76	11.6
Average	Annual Compour	ided Change: 2008-								
2014			2.6 %		4.7 %			0.6 %		2.7 %
Year-to	-Date Through Ma	arch_								
2014	695	62,550	_	48,418	_	77.4 %	\$113.90	_	\$88.17	_
2015	695	62,550	0.0 %	51,371	6.1 %	82.1	123.61	8.5 %	101.52	15.1 %
				Competitive	Number	Year	Year			
Hotels I	ncluded in Sample	e		Status	of Rooms	Affiliated	Opened			
Hampto	on Inn & Suites Oca	ala		Primary	101	Dec 2012	Dec 2012			
Holiday	Inn Hotel & Suites	Ocala Conference Cente	r	Primary	133	Jun 2007	Jun 2007			
•	I Inn & Suites Ocal			Secondary	96	Dec 1998	Dec 1998			
Courtva	rd Ocala			Subject Property	169	Nov 1995	Apr 1988			
•	cala Silver Springs	3		Secondary	196	Apr 1987	Apr 1987			
				Total	695					

Source: STR Global



It is important to note some limitations of the STR data. Hotels are occasionally added to or removed from the sample, and not every property reports data in a consistent and timely manner; these factors can influence the overall quality of the information by skewing the results. These inconsistencies may also cause the STR data to differ from the results of our competitive survey. Nonetheless, STR data provide the best indication of aggregate growth or decline in existing supply and demand; thus, these trends have been considered in our analysis. Opening dates, as available, are presented for each reporting hotel in the previous table.

The STR data for the competitive set reflect a market-wide occupancy level of 65.8% in 2014, which compares to 61.1% for 2013. The overall average occupancy level for the calendar years presented equates to 60.7%. The equestrian industry, local employers, and healthcare facilities represent the primary sources of demand for the selected set of competitive hotels in this Ocala market. Demand declined in this market in 2009 because of the economic downturn. As the economy strengthened, demand began to increase in 2010; the opening of the Marion County Justice Center in 2010 and the expansion at Rasmussen College in 2011 further supported the rebound in demand. Occupancy continued to increase through 2014, despite the opening of the Hampton Inn & Suites in December of 2012. Early indications for 2015 point to a continuation of this trend.

The STR data for the competitive set reflect a market-wide average rate level of \$104.46 in 2014, which compares to \$100.75 for 2013. Average rate in the local market declined in 2009, largely attributed to the Great Recession. This downward trend continued through early 2010; however, average rates bottomed out in the low \$80s that year. Average rates rebounded in the second half of 2010; despite a slight decline in 2011, this overall positive trend continued through 2014 as the national and local lodging markets began to normalize along with stronger economic conditions. Year-to-date 2015 data show a continuation of this trend. These occupancy and average rate trends resulted in a RevPAR level of \$68.76 in 2014.

Seasonality

Monthly occupancy and average rate trends are presented in the following tables.

FIGURE 5-5 MONTHLY OCCUPANCY TRENDS

Month	2008	2009	2010	2011	2012	2013	2014	2015
January	59.9 %	58.0 %	61.8 %	51.2 %	61.8 %	63.0 %	63.5 %	76.9 %
February	78.7	73.6	76.7	76.3	75.2	77.5	84.9	85.0
March	75.2	71.8	76.1	85.4	82.1	81.0	84.5	84.8
April	68.6	59.6	71.5	68.5	67.1	72.4	64.9	_
May	50.8	49.2	51.9	53.5	53.8	57.5	57.9	_
June	57.7	60.8	59.4	67.7	68.4	57.8	64.0	_
July	52.6	51.2	53.4	55.1	57.6	52.1	56.6	_
August	50.0	45.7	51.8	46.3	57.3	53.8	67.1	_
September	47.2	47.3	44.9	50.5	46.2	47.0	58.3	_
October	58.7	57.4	53.1	53.1	56.9	57.1	67.7	_
November	52.1	59.2	57.6	58.4	56.2	59.0	62.0	_
December	47.9	52.9	49.5	48.7	48.9	56.8	59.7	
Annual Occupancy	58.1 %	57.1 %	58.8 %	59.4 %	60.7 %	61.1 %	65.8 %	_
Year-to-Date	71.0 %	67.6 %	71.4 %	70.8 %	73.0 %	73.7 %	77.4 %	82.1 %

Source: STR Global

FIGURE 5-6 MONTHLY AVERAGE RATE TRENDS

Month	2008	2009	2010	2011	2012	2013	2014	2015
January	\$105.73	\$94.70	\$88.96	\$90.67	\$89.21	\$102.29	\$103.13	\$112.36
February	113.18	105.29	96.57	93.41	98.90	108.05	114.77	125.18
March	113.17	104.51	98.31	95.11	101.13	113.04	121.21	132.39
April	103.60	92.20	91.27	93.76	92.22	104.48	111.65	_
May	99.67	86.88	88.41	85.39	93.70	97.61	100.72	_
June	95.96	81.66	85.71	84.22	89.19	97.48	98.78	_
July	96.35	80.41	84.11	83.99	87.19	94.73	93.77	_
August	94.86	81.34	84.91	87.20	84.97	94.28	94.42	_
September	98.60	87.27	89.66	94.05	86.61	98.21	98.80	_
October	98.60	86.72	93.44	91.27	96.62	97.62	107.35	_
November	91.55	87.03	91.11	93.89	94.09	99.05	101.95	_
December	86.50	79.17	86.59	85.82	89.40	92.82	96.87	
Annual Average Rate	\$100.88	\$89.81	\$90.38	\$90.21	\$92.38	\$100.75	\$104.46	_
Year-to-Date	\$111.01	\$101.87	\$94.94	\$93.43	\$96.94	\$108.25	\$113.90	\$123.61

Source: STR Global



The illustrated monthly occupancy and average rates patterns reflect important seasonal characteristics. We have reviewed these trends in developing our forthcoming forecast of market-wide demand and average rate. Market-wide occupancy spikes to the mid-80s in February and March because of the numerous horse shows and auctions. Average rate is also at the highest during these months, as the increase in demand from these events allows hoteliers to drive rates.

### **Patterns of Demand**

A review of the trends in occupancy, average rate, and RevPAR per day of the week over the past three fiscal years provides some insight into the impact that the current economic conditions have had on the competitive lodging market. The data, as provided by Smith Travel Research, are illustrated in the following table.



FIGURE 5-7 OCCUPANCY, AVERAGE RATE AND REVPAR BY DAY OF WEEK

Occupancy (%)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total Year		
Apr 12 - Mar 13	39.7 %	54.5 %	61.8 %	65.6 %	64.5 %	74.8 %	69.2 %	61.4 %		
Apr 13 - Mar 14	42.1	55.4	64.2	64.9	65.0	73.6	69.3	62.0		
Apr 14 - Mar 15	44.7	60.0	68.1	71.7	69.3	79.3	75.7	67.0		
Change (Occupancy F	Points)									
FY 13 - FY 14	2.4	0.9	2.4	(0.7)	0.5	(1.3)	0.1	0.7		
FY 14 - FY 15	2.6	4.6	3.9	6.8	4.3	5.8	6.5	4.9		
ADR (\$)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total Year		
Apr 12 - Mar 13	\$92.26	\$95.98	\$97.07	\$96.13	\$95.63	\$97.64	\$97.68	\$96.32		
Apr 13 - Mar 14	98.08	101.73	103.10	102.32	102.01	104.71	104.16	102.60		
Apr 14 - Mar 15	102.81	105.49	106.79	107.00	106.47	109.47	112.22	107.56		
Change (Dollars)										
FY 13 - FY 14	\$5.82	\$5.75	\$6.03	\$6.19	\$6.38	\$7.06	\$6.48	\$6.28		
FY 14 - FY 15	4.73	3.75	3.69	4.68	4.46	4.77	8.06	4.96		
Change (Percent)										
FY 13 - FY 14	6.3 %	6.0 %	6.2 %	6.4 %	6.7 %	7.2 %	6.6 %	6.5 %		
FY 14 - FY 15	4.8	3.7	3.6	4.6	4.4	4.6	7.7	4.8		
RevPAR (\$)	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total Year		
Apr 12 - Mar 13	\$36.59	\$52.33	\$59.95	\$63.02	\$61.73	\$73.08	\$67.56	\$59.12		
Apr 13 - Mar 14	41.25	56.40	66.19	66.39	66.36	77.03	72.14	63.66		
Apr 14 - Mar 15	45.94	63.32	72.70	76.72	73.82	86.85	84.97	72.05		
Change (Dollars)										
FY 13 - FY 14	\$4.66	\$4.07	\$6.23	\$3.37	\$4.63	\$3.95	\$4.58	\$4.54		
FY 14 - FY 15	4.69	6.92	6.52	10.32	7.47	9.82	12.83	8.39		
Change (Percent)										
FY 13 - FY 14	12.7 %	7.8 %	10.4 %	5.3 %	7.5 %	5.4 %	6.8 %	7.7 %		
FY 14 - FY 15	11.4	12.3	9.8	15.5	11.3	12.8	17.8	13.2		
			•	e: STR Global						

In most markets, business travel, including individual commercial travelers and corporate groups, is the predominant source of demand on Monday through Thursday nights. Leisure travelers and non-business-related groups generate a majority of demand on Friday and Saturday nights.



#### **SUPPLY**

Based on an evaluation of the occupancy, rate structure, market orientation, chain affiliation, location, facilities, amenities, reputation, and quality of each area hotel, as well as the comments of management representatives, we have identified several properties that are considered primarily competitive with the subject property. If applicable, additional lodging facilities may be judged only secondarily competitive; although the facilities, rate structures, or market orientations of these hotels prevent their inclusion among the primary competitive supply, they do compete with the subject property to some extent.

The following table summarizes the important operating characteristics of the primary competitors and the aggregate secondary competitors (if applicable). This information was compiled from personal interviews, inspections, lodging directories, and our in-house library of operating data. The table also sets forth each property's penetration factors; penetration is the ratio between a specific hotel's operating results and the corresponding data for the market. If the penetration factor is greater than 100%, the property is performing better than the market as a whole; conversely, if the penetration is less than 100%, the hotel is performing at a level below the market-wide average.

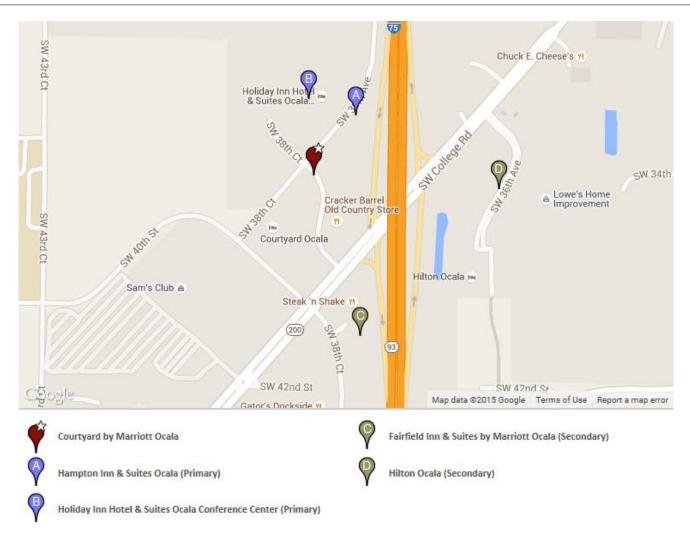
### FIGURE 5-8 PRIMARY COMPETITORS – OPERATING PERFORMANCE

		Est.	Segment	ation		Estimated 2012 Estimated 2013					Estimated 2014							
	Number of	mmercial	Sure	<b>d</b> no	Weighted Annual Room		Average		Weighted Annual Room		Average		Weighted Annual Room		Average		Occupancy	Yield
Property	Rooms	ઉ	ΪΨ	ર્હ	Count	Occ.	Rate	RevPAR	Count	Occ.	Rate	RevPAR	Count	Occ.	Rate	RevPAR	Penetration	Penetration
Courtyard by Marriott Ocala	169	40 %	40 %	20 %	169	48.1 %	\$90.33	\$43.46	169	48.7 %	\$96.28	\$46.93	169	56.8 %	\$98.27	\$55.81	86.6 %	81.3 %
Hampton Inn & Suites Ocala	101	45	40	15	9	40	107.00	42.80	101	71	113.00	80.23	101	74	123.00	91.02	112.8	132.7
Holiday Inn Hotel & Suites Ocala Conference Center	133	40	40	20	133	68	86.00	58.48	133	65	94.00	61.10	133	69	97.00	66.93	105.2	97.6
Sub-Totals/Averages	403	41 %	40 %	19 %	311	56.4 %	\$88.42	\$49.87	403	59.7 %	\$100.45	\$59.95	403	65.1 %	\$104.87	\$68.30	99.3 %	99.6 %
Secondary Competitors	292	45 %	31 %	24 %	234	65.1 %	\$96.22	\$62.60	234	63.1 %	\$101.26	\$63.85	234	66.4 %	\$104.16	\$69.14	101.2 %	100.8 %
Totals/Averages	695	43 %	37 %	21 %	544	60.1 %	\$92.04	\$55.34	637	60.9 %	\$100.76	\$61.38	637	65.6 %	\$104.60	\$68.61	100.0 %	100.0 %



The following map illustrates the locations of the subject property and its competitors.

### **MAP OF COMPETITION**



Our survey of the primarily competitive hotels in the local market shows a range of lodging types and facilities. Each primary competitor was inspected and evaluated. Descriptions of our findings are presented below.



### PRIMARY COMPETITOR #1 - HAMPTON INN & SUITES OCALA



Hampton Inn & Suites Ocala 2075 Southwest Highway 484 Ocala, FL

FIGURE 5-9 ESTIMATED HISTORICAL OPERATING STATISTICS

	Wtd. Annual		Average		Occupancy	Yield
Year	Room Count	Occupancy	Rate	RevPAR	Penetration	Penetration
Estimated 2012	9	40 %	\$107	\$43	66.5 %	77.3 %
stimated 2013	101	71	113	80	116.5	130.7
stimated 2014	101	74	123	91	112.8	132.7

The Hampton Inn & Suites Ocala is owned by JEGG LLC and is operated by Summit Management. Facilities and amenities include a breakfast dining area (a complimentary breakfast is served), an outdoor pool and whirlpool, a fitness room, a market pantry, a guest laundry room, a business center, and approximately 650 square feet of meeting space. The hotel has reportedly not undergone any major renovations since its opening in 2012. This hotel benefits from its strong brand affiliation and its status as the newest hotel in the market. Overall, the property appeared to be in very good condition, superior to the subject property's condition. Its accessibility is similar to that of the subject hotel, and its visibility is similar to the Courtyard by Marriott Ocala.



# PRIMARY COMPETITOR #2 - HOLIDAY INN HOTEL & SUITES OCALA CONFERENCE CENTER



Holiday Inn Hotel & Suites Ocala
Conference Center
3600 Southwest 38th Avenue
Ocala, FL

FIGURE 5-10 ESTIMATED HISTORICAL OPERATING STATISTICS

	Wtd. Annual		Average		Occupancy	Yield
Year	Room Count	Occupancy	Rate	RevPAR	Penetration	Penetration
Estimated 2010	133	67 %	\$86	\$58	114.6 %	109.6 %
Estimated 2011	133	67	83	56	113.6	105.1
Estimated 2012	133	68	86	58	113.1	105.7
Estimated 2013	133	65	94	61	106.7	99.5
Estimated 2014	133	69	97	67	105.2	97.6

The Holiday Inn Hotel & Suites Ocala Conference Center is owned by MGM Hotels and is operated by Ocala Innkeepers Inc. Facilities and amenities include a The Cypress Shadows Cafe & Lounge, Sky Asian Fusion, an outdoor pool, an indoor whirlpool, a sauna, a fitness room, a business center, a guest laundry room, and approximately 6,600 square feet of meeting space. The hotel, which opened in 2007, received new guestroom softgoods in 2014. This property benefits from its modern and attractive facilities. Furthermore, the Sky Asian Fusion, located on the top floor of the hotel, is considered one of the area's premier restaurants. Overall, the property appeared to be in very good condition, superior to the subject property's condition. Its accessibility is similar to that of the subject hotel, and its visibility is similar to the Courtyard by Marriott Ocala.



### Secondary Competitors

We have also reviewed other area lodging facilities to determine whether any may compete with the subject property on a secondary basis. The room count of each secondary competitor has been weighted based on its assumed degree of competitiveness with the subject property. By assigning degrees of competitiveness, we can assess how the subject property and its competitors may react to various changes in the market, including new supply, changes to demand generators, and renovations or franchise changes of existing supply. The following table sets forth the pertinent operating characteristics of the secondary competitors.

### FIGURE 5-11 SECONDARY COMPETITOR(S) – OPERATING PERFORMANCE

Est. Segmentation				Estimated 2012			Estimated 2013				Estimated 2014						
Property	Number of Rooms	Commercial	Leisure	Group	Total Competitive Level	Weighted Annual Room Count	Occ.	Average Rate	RevPAR	Weighted Annual Room Count	Occ.	Average Rate	RevPAR	Weighted Annual Room Count	Occ.	Average Rate	RevPAR
Fairfield Inn & Suites by Marriott Ocala Hilton Ocala	96 196	45 % 45	45 % 25	10 % 30	80 % 80	77 157	57 % 69	\$77.00 104.00	\$43.89 71.76	77 157	55 % 67	\$87.00 107.00	\$47.85 71.69	77 157	59 % 70	\$90.00 110.00	\$53.10 77.00
Totals/Averages	292	45 %	31 %	24 %	80 %	234	65.1 %	\$96.22	\$62.60	234	63.1 %	\$101.26	\$63.85	234	66.4 %	\$104.16	\$69.14



We have identified two hotels that compete with the subject property on a secondary level. The Fairfield Inn & Suites by Marriott is competitive based on its Marriott brand affiliation; however, this hotel is a limited-service property that does not offer a food and beverage operation. The Hilton Ocala Silver Springs is competitive based on its location and strong brand affiliation; however, this hotel is a full-service property that caters to meeting and group demand, as it offers significantly more meeting space.

**Supply Changes** 

It is important to consider any new hotels that may have an impact on the subject property's operating performance. According to the local planning office, and our research and inspection (as applicable), no new hotels are expected within the subject property's competitive submarket at this time.

While we have taken reasonable steps to investigate proposed hotel projects and their status, because of the nature of real estate development, it is impossible to determine with certainty every hotel that will be opened in the future, or what their marketing strategies and effect in the market will be. Depending on the outcome of current and future projects, the future operating potential of the subject property may be positively or negatively affected. Future improvement in market conditions will raise the risk of increased competition. Our forthcoming forecast of stabilized occupancy and average rate is intended to reflect such risk.

**Supply Conclusion** 

We have identified various properties that are competitive to some degree with the subject property. We have also investigated potential increases in competitive supply in this Ocala submarket. The Courtyard by Marriott Ocala will continue to operate in a dynamic market of varying product types and price points. Next, we will present our forecast for demand change, using the historical supply data presented as a starting point.

DEMAND

The following table presents the most recent trends for the subject hotel market as tracked by HVS. These data pertain to the subject and competitors discussed previously in this section; performance results are estimated, rounded for the competition, and in some cases weighted if there are secondary competitors present. In this respect, the information in the table differs from the previously presented STR data and is consistent with the supply and demand analysis developed for this appraisal.



### FIGURE 5-12 HISTORICAL MARKET TRENDS

Year	Accommodated Room Nights	% Change	Room Nights Available	% Change	Market Occupancy	Market ADR	% Change	Market RevPAR	% Change
Est. 2010	114,321	_	195,494	_	58.5 %	\$89.90	_	\$52.57	_
Est. 2011	115,343	0.9 %	195,494	0.0 %	59.0	89.71	(0.2) %	52.93	0.7 %
Est. 2012	119,409	3.5	198,625	1.6	60.1	92.04	2.6	55.34	4.5
Est. 2013	141,557	18.5	232,359	17.0	60.9	100.76	9.5	61.38	10.9
Est. 2014	152,405	7.7	232,359	0.0	65.6	104.60	3.8	68.61	11.8
U	Compounded 010-Est. 2014:	7.5 %		4.4 %			3.9 %		6.9 %

Demand Analysis
Using Market
Segmentation

For the purpose of demand analysis, the overall market is divided into individual segments based on the nature of travel. Based on our fieldwork, area analysis, and knowledge of the local lodging market, we estimate the 2014 distribution of accommodated-room-night demand as follows.

FIGURE 5-13 ACCOMMODATED ROOM-NIGHT DEMAND

	Market	wide	Subject Pro	operty
	Accommodated	Percentage of		
Market Segment	Demand	Total	<b>Accommodated Demand</b>	Percentage of Total
Commercial	65,156	43 %	14,011	40 %
Leisure	55,780	37	14,011	40
Group	31,469	21	7,006	20
Total	152,405	100 %	35,028	100 %

The market's demand mix comprises commercial demand, with this segment representing roughly 43% of the accommodated room nights in this Ocala submarket. The remaining portion comprises leisure at 37%, with the final portion group in nature, reflecting 21%.

Using the distribution of accommodated hotel demand as a starting point, we will analyze the characteristics of each market segment in an effort to determine future trends in room-night demand.

### **Commercial Segment**

Commercial demand consists mainly of individual businesspeople passing through the subject market or visiting area businesses, in addition to high-volume corporate accounts generated by local firms. Brand loyalty (particularly frequenttraveler programs), as well as location and convenience with respect to businesses and amenities, influence lodging choices in this segment. Companies typically

# **<u>HVS</u>**

designate hotels as "preferred" accommodations in return for more favorable rates, which are discounted in proportion to the number of room nights produced by a commercial client. Commercial demand is strongest Monday through Thursday nights, declines significantly on Friday and Saturday, and increases somewhat on Sunday night. It is relatively constant throughout the year, with marginal declines in late December and during other holiday periods.

A major factor considered in the development of our growth rates is the presence of major manufacturing operations in the Ocala market. Companies including Lockheed Martin, Emerson Electric, and E-One have begun to increase room-night production with ramp-ups in training, research and development, and manufacturing. Additionally, businesses associated with the equestrian industry and the presence of the College of Central Florida should continue to provide stable sources of commercial demand. Furthermore, growth within this market segment is expected to continue as the manufacturing industry fully recovers. Considering both current and historical trends, we project demand change rates of 5.0% in 2015, 2.0% in 2016. These rates are followed by levels of 1.0% in 2017 and 0.5% in 2018.

**Leisure Segment** 

Leisure demand consists of individuals and families spending time in an area or passing through en route to other destinations. Travel purposes include sightseeing, recreation, or visiting friends and relatives. Leisure demand also includes room nights booked through Internet sites such as Expedia, Hotels.com, and Priceline; however, leisure may not be the purpose of the stay. This demand may also include business travelers and group and convention attendees who use these channels to take advantage of any discounts that may be available on these sites. Leisure demand is strongest Friday and Saturday nights, and all week during holiday periods and the summer months. These peak periods represent the inverse of commercial visitation trends, underscoring the stabilizing effect of capturing weekend and summer tourist travel. Future leisure demand is related to the overall economic health of the region and the nation. Trends showing changes in state and regional unemployment and disposable personal income correlate strongly with leisure travel levels.

Leisure demand is primarily generated by family's visiting relatives and SMERFE-related leisure business. Demand is also generated by Interstate 75, as all hotels in this market are situated just off this highway. Silver Springs Nature Amusement Park and Wild Waters Water Park, located approximately seven miles from the market, also draw leisure-related demand to area hotels. During the winter months, from January to March, the annual Horse Show In The Sun takes place. This is a major event of its kind that attracts more than 17,000 attendees, usually selling out hotels in the market. Furthermore, this market also experiences spikes in demand during hurricane impacts along Florida's coasts; however, because this



**Group Segment** 

**Conclusion** 

demand is impossible to predict, our forecast does not include a component of weather-related demand. We anticipate leisure demand to strengthen in the coming years as the economy continues to strengthen. Considering both current and historical trends, we project demand change rates of 5.0% in 2015 and 2.0% in 2016. These rates are followed by levels of 1.0% in 2017 and 0.5% in 2018.

In the limited-service sector, group demand is most commonly generated by groups that require ten or more room nights, but need little to no meeting space within the hotel. Examples of these groups include family reunions, sports teams, and bus tours. In some markets, limited-service hotels may also accommodate demand from groups or individuals attending events at the local convention center or at one of the larger convention hotels in the area.

Group demand in the area is primarily generated by State of Florida Government and state associations. The convenient location of Ocala within central Florida makes this area easily accessible from major cities such as Orlando, Tampa, Jacksonville, and Miami. Other group demand is generated by baseball teams, wedding groups, and family reunions. The Cal Ripken baseball league attracts several youth teams throughout the summer to play at the Ocala Rotary Complex. Group demand in the area is expected to improve in the near future; as the economy strengthens, state associations, SMERFE groups, and corporate businesses should increase meeting activity. Considering both current and historical trends, we project demand change rates of 4.0% in 2015 and 1.0% in 2016. These rates are followed by levels of 0.5% in 2017 and 0.5% in 2018.

The purpose of segmenting the lodging market is to define each major type of demand, identify customer characteristics, and estimate future growth trends. Starting with an analysis of the local area, three segments were defined as representing the subject property's lodging market. Various types of economic and demographic data were then evaluated to determine their propensity to reflect changes in hotel demand. Based on this procedure, we forecast the following annual growth rates for each demand segment.



#### FIGURE 5-14 AVERAGE ANNUAL COMPOUNDED MARKET SEGMENT GROWTH RATES

	Annual Growth Rate								
Market Segment	2015	2016	2017						
Commercial	5.0 %	2.0 %	1.0 %						
Leisure	5.0	2.0	1.0						
Group	4.0	1.0	0.5						
<b>Base Demand Growth</b>	4.8 %	1.8 %	0.9 %						

Accommodated
Demand and Marketwide Occupancy

Based upon a review of the market dynamics in the subject property's competitive environment, we have forecast growth rates for each market segment. Using the calculated potential demand for the market, we have determined market-wide accommodated demand based on the inherent limitations of demand fluctuations and other factors in the market area.

The following table details our projection of lodging demand growth for the subject market, including the total number of occupied room nights and any residual unaccommodated demand in the market.



FIGURE 5-15 ACCOMMODATED DEMAND

	2014	2015	2016	2017
Commercial				
Base Demand	65,156	68,414	69,782	70,480
Total Demand		68,414	69,782	70,480
Growth Rate		5.0 %	2.0 %	1.0 %
Leisure				
Base Demand	55,780	58,569	59,740	60,338
Total Demand		58,569	59,740	60,338
Growth Rate		5.0 %	2.0 %	1.0 %
Group				
Base Demand	31,469	32,728	33,055	33,221
Total Demand		32,728	33,055	33,221
Growth Rate		4.0 %	1.0 %	0.5 %
Totals				
Base Demand	152,405	159,711	162,578	164,038
Base Demand Overall Demand Growth	152,405	159,711 4.8 %	162,578 1.8 %	164,038 0.9 %
Base Demand Overall Demand Growth Market Mix		4.8 %	1.8 %	0.9 %
Base Demand Overall Demand Growth Market Mix Commercial	42.8 %	4.8 %	1.8 % 42.9 %	0.9 % 43.0 %
Base Demand Overall Demand Growth Market Mix Commercial Leisure	42.8 % 36.6	4.8 % 42.8 % 36.7	1.8 % 42.9 % 36.7	0.9 % 43.0 % 36.8
Base Demand Overall Demand Growth Market Mix Commercial Leisure Group	42.8 % 36.6 20.6	4.8 % 42.8 % 36.7 20.5	1.8 % 42.9 % 36.7 20.3	0.9 % 43.0 % 36.8 20.3
Base Demand Overall Demand Growth Market Mix Commercial Leisure	42.8 % 36.6	4.8 % 42.8 % 36.7	1.8 % 42.9 % 36.7	0.9 % 43.0 % 36.8
Base Demand Overall Demand Growth Market Mix Commercial Leisure Group	42.8 % 36.6 20.6	4.8 % 42.8 % 36.7 20.5	1.8 % 42.9 % 36.7 20.3	0.9 % 43.0 % 36.8 20.3
Base Demand Overall Demand Growth Market Mix Commercial Leisure Group Existing Hotel Supply	42.8 % 36.6 20.6 637	4.8 % 42.8 % 36.7 20.5 637	1.8 % 42.9 % 36.7 20.3 637	0.9 % 43.0 % 36.8 20.3 637
Base Demand Overall Demand Growth Market Mix Commercial Leisure Group Existing Hotel Supply Available Rooms per Night	42.8 % 36.6 20.6 637 232,359	4.8 % 42.8 % 36.7 20.5 637 232,359	1.8 % 42.9 % 36.7 20.3 637 232,359	0.9 % 43.0 % 36.8 20.3 637
Base Demand Overall Demand Growth Market Mix Commercial Leisure Group Existing Hotel Supply  Available Rooms per Night Nights per Year	42.8 % 36.6 20.6 637 232,359 365	4.8 % 42.8 % 36.7 20.5 637 232,359 365	1.8 % 42.9 % 36.7 20.3 637 232,359 365	0.9 % 43.0 % 36.8 20.3 637 232,359 365

These room-night projections for the market area will be used in forecasting the subject property's occupancy and average rate in the following chapter.



## 6. Projection of Occupancy and Average Rate

Along with average rate results, the occupancy levels achieved by a hotel are the foundation of the property's financial performance and market value. Most of a lodging facility's other revenue sources (such as food, beverages, other operated departments, and rentals and other income) are driven by the number of guests, and many expense levels vary with occupancy. To a certain degree, occupancy attainment can be manipulated by management. For example, hotel operators may choose to lower rates in an effort to maximize occupancy. Our forecasts reflect an operating strategy that we believe would be implemented by a typical, professional hotel management team to achieve an optimal mix of occupancy and average rate.

Historical Operating Performance The following table sets forth the subject property's historical occupancy, average rate, and RevPAR results. For the purpose of comparison, we have presented corresponding data (as provided by Smith Travel Research) for the competitive hotels described in the previous section. In addition to the annual percent change calculations, we have determined the subject property's occupancy, average rate, and RevPAR penetration rates.

FIGURE 6-1 HISTORICAL TRENDS

						Year-to-Date 1	hrough March
	2010	2011	2012	2013	2014	2014	2015
Courtyard by Marriott Ocala							
Occupancy	47.3 %	45.7 %	48.1 %	48.7 %	56.8 %	67.2 9	6 73.7 %
Change	_	(3.4) %	5.3 %	1.3 %	16.5 %	_	9.7 %
Occupancy Penetration	80.4 %	76.9 %	79.3 %	79.7 %	86.3 %	86.8 9	% 89.7 %
Average Rate	\$85.71	\$88.34	\$90.33	\$96.28	\$98.27	\$105.45	\$114.52
Change	_	3.1 %	2.3 %	6.6 %	2.1 %	_	8.6 %
Average Rate Penetration	94.8 %	97.9 %	97.8 %	95.6 %	94.1 %	92.6 %	6 92.6 %
RevPAR	\$40.54	\$40.37	\$43.46	\$46.93	\$55.81	\$70.83	\$84.38
Change	_	(0.4) %	7.6 %	8.0 %	18.9 %	_	19.1 %
RevPAR Penetration	76.2 %	75.3 %	77.5 %	76.2 %	81.2 %	80.3	6 83.1 %

						Year-to-Date Thr	ough March
	2010	2011	2012	2013	2014	2014	2015
Ocala Submarket							
Occupancy	58.8 %	59.4 %	60.7 %	61.1 %	65.8 %	77.4 %	82.1 %
Change	3.1 %	1.0 %	2.1 %	0.8 %	7.7 %	_	6.1 %
Average Rate	\$90.38	\$90.21	\$92.38	\$100.75	\$104.46	\$113.90	\$123.61
Change	0.6 %	(0.2) %	2.4 %	9.1 %	3.7 %	_	8.5 %
RevPAR	\$53.19	\$53.60	\$56.05	\$61.60	\$68.76	\$88.17	\$101.52
Change	3.7 %	0.8 %	4.6 %	9.9 %	11.6 %	_	15.1 %

Source: STR Global



The Courtyard by Marriott Ocala experienced a 8.0-point occupancy change in 2014, increasing from 48.7% in 2013 to 56.8% in 2014. As a result of this change, occupancy penetration relative to the Smith Travel Research set of reporting hotels equaled 86.3% in 2014. In 2011, the subject hotel's occupancy declined given an overall decrease in market demand; its overall penetration also declined due to renovations that were underway in the lobby area. Occupancy rebounded in 2012 as the economy improved and renovations were completed, allowing for the subject property's penetration level to return close to its prior positioning within the competitive set. The subject hotel's occupancy and penetration reached a new peak in 2014. Recent data illustrate a continuation of this trend.

Average rate penetration for the Courtyard by Marriott Ocala equated to 94.1% in 2014, contributing to the overall RevPAR penetration level of 81.2% in the same year. Average rate at the subject property has increased during the last few years, largely attributed to renovations to the property and the strengthening economy.

# Penetration Rate Analysis

The subject property's forecasted market share and occupancy levels are based upon its anticipated competitive position within the market, as quantified by its penetration rate. The penetration rate is the ratio of a property's market share to its fair share. A complete discussion of the concept of penetration is presented in the addenda.

#### Historical Penetration Rates by Market Segment

In the following table, the penetration rates attained by the primary competitors and the aggregate secondary competitors are set forth for each segment for the base year, 2014.

#### FIGURE 6-2 HISTORICAL PENETRATION RATES

	<sup>K</sup> 03/4	<b>2</b> .		
Property	Commercial	ous;ey	g g	o de la companya de l
Courtyard by Marriott Ocala	81 %	95 %	84 %	87 %
Hampton Inn & Suites Ocala	119	123	82	113
Holiday Inn Hotel & Suites Ocala Conference Center	98	115	102	105
Secondary Competition	107	85	118	101

As a result of its varying levels of penetration among the three market demand segments, the Courtyard by Marriott Ocala achieved an overall penetration rate of 87% in 2014. Overall, the subject property's occupancy penetration level was ranked fourth among the illustrated averages. The subject property achieved its

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highest segment penetration rate in the leisure segment, at 95%, due to the hotel's popularity with weekend leisure travelers in the area.

Among all properties listed, the Hampton Inn & Suites Ocala achieved the highest penetration rate within the commercial segment. The highest penetration rate in the leisure segment was also achieved by the Hampton Inn & Suites Ocala, while the secondary competition led the market with the highest group penetration rate.

# Forecast of Subject Property's Occupancy

Because the supply and demand balance for the competitive market is dynamic, there is a circular relationship between the penetration factors of each hotel in the market. The performance of individual new hotels has a direct effect upon the aggregate performance of the market, and consequently upon the calculated penetration factor for each hotel in each market segment. The same is true when the performance of existing hotels changes, either positively (following a refurbishment, for example) or negatively (when a poorly maintained or marketed hotel loses market share).

A hotel's penetration factor is calculated as its achieved market share of demand divided by its fair share of demand. Thus, if one hotel's penetration performance increases, thereby increasing its achieved market share, this leaves less demand available in the market for the other hotels to capture and the penetration performance of one or more of those other hotels consequently declines (other things remaining equal). This type of market share adjustment takes place every time there is a change in supply, or a change in the relative penetration performance of one or more hotels in the competitive market.

Our projections of penetration, demand capture, and occupancy performance for the subject property account for these types of adjustments to market share within the defined competitive market. Consequently, the actual penetration factors applicable to the subject property and its competitors for each market segment in each projection year may vary somewhat from the penetration factors delineated in the previous table.

Our interviews with market participants did not reveal any expected major market-segmentation shifts. The subject property is anticipated to maintain its current market mix, focusing on major corporate accounts and leisure travelers. Planned renovations through the near term are expected to help the competitive level of the property and to assist the hotel in achieving the occupancy forecast presented in this chapter. No new competitive supply is anticipated in this submarket, which should contribute to the area's overall stability.



The subject property's occupancy forecast is set forth as follows, with the adjusted projected penetration rates used as a basis for calculating the amount of captured market demand.

FIGURE 6-3 FORECAST OF SUBJECT PROPERTY'S OCCUPANCY

Market Segment	2014	2015	2016	2017
Commercial				
Demand	65,156	68,414	69,782	70,480
Market Share	21.5 %	21.5 %	23.1 %	23.5 %
Capture	14,011	14,712	16,145	16,587
Penetration	81 %	81 %	87 %	89 %
Leisure				
Demand	55,780	58,569	59,740	60,338
Market Share	25.1 %	25.1 %	26.7 %	27.1 %
Capture	14,011	14,712	15,936	16,324
Penetration	95 %	95 %	100 %	102 %
Group				
Demand	31,469	32,728	33,055	33,221
Market Share	22.3 %	22.3 %	23.9 %	24.3 %
Capture	7,006	7,286	7,893	8,063
Penetration	84 %	84 %	90 %	91 %
Total Room Nights Captured	35,028	36,709	39,975	40,975
Available Room Nights	61,685	61,685	61,685	61,685
Subject Occupancy	57 %	60 %	65 %	66 %
Marketwide Available Room Nights	232,359	232,359	232,359	232,359
Fair Share	27 %	27 %	27 %	27 %
Marketwide Occupied Room Nights	152,405	159,711	162,578	164,038
Market Share	23 %	23 %	25 %	25 %
Marketwide Occupancy	66 %	69 %	70 %	71 %
Total Penetration	87 %	87 %	93 %	94 %

These positioned segment penetration rates result in the following market segmentation forecast.



FIGURE 6-4 MARKET SEGMENTATION FORECAST – SUBJECT PROPERTY

	2014	2015	2016	2017
Commercial	40 %	40 %	40 %	40 %
Leisure	40	40	40	40
Group	20	20	20	20
Total	100 %	100 %	100 %	100 %

Based on our analysis of the subject property and market area, we have selected a stabilized occupancy level of 67%. The stabilized occupancy is intended to reflect the anticipated results of the property over its remaining economic life, given all changes in the life cycle of the hotel. Thus, the stabilized occupancy excludes from consideration any abnormal relationship between supply and demand, as well as any nonrecurring conditions that may result in unusually high or low occupancies. Although the subject property may operate at occupancies above this stabilized level, we believe it equally possible for new competition and temporary economic downturns to force the occupancy below this selected point of stability.

#### **Average Rate Analysis**

One of the most important considerations in estimating the value of a lodging facility is a supportable forecast of its attainable average rate, which is more formally defined as the average rate per occupied room. Average rate can be calculated by dividing the total rooms revenue achieved during a specified period by the number of rooms sold during the same period. The projected average rate and the anticipated occupancy percentage are used to forecast rooms revenue, which in turn provides the basis for estimating most other income and expense categories.

#### **Competitive Position**

Although the average rate analysis presented here follows the occupancy projection, these two statistics are highly correlated; in reality, one cannot project occupancy without making specific assumptions regarding average rate. This relationship is best illustrated by revenue per available room (RevPAR), which reflects a property's ability to maximize rooms revenue. The following table summarizes the historical average rate and the RevPAR of the subject property and its competitors.



FIGURE 6-5 BASE-YEAR AVERAGE RATE AND REVPAR OF THE SUBJECT AND ITS COMPETITORS

	Estimated 2014	Average Rate	Available Room	RevPAR	
Property	Average Room Rate	Penetration	(RevPAR)	Penetration	
Courtyard by Marriott Ocala	\$98.27	93.9 %	\$55.81	81.3 %	
Hampton Inn & Suites Ocala	123.00	117.6	91.02	132.7	
Holiday Inn Hotel & Suites Ocala Conference Center	97.00	92.7	66.93	97.6	
Average - Subject & Primary Competitors	\$104.87	100.3 %	\$68.30	99.6 %	
Average - Secondary Competitors	104.16	99.6	69.14	100.8	
Overall Average	\$104.60		\$68.61		

The defined primarily competitive market realized an overall average rate of \$104.87 in the 2014 base year, improving from the 2013 level of \$100.45. The subject property's base-year rate position was \$98.27. The Hampton Inn & Suites achieved the highest estimated average rate in the local competitive market, by a significant margin, because of its strong brand affiliation and overall very good condition. Other important rate aspects of this market include the horse auctions and shows during the first quarter of the year, which increase rates as visitors come from all over the country, as well as internationally. The subject property's historical rate reflects the hotel's positioning as a Marriott-branded, select-service hotel and is appropriately positioned within the existing competitors.

As illustrated previously, the average rate for the primarily competitive market averaged \$100.45 in 2013, before reaching \$104.87 in 2014. The rate of change for this Ocala area primary set was 4.4% between 2013 and 2014. Market-wide rates began to stabilize in 2010 and started to trend upward in 2012. We expect average rates to continue to improve because of strengthening economic conditions and renovations to existing hotels.

Based on these considerations, the following table illustrates the projected average rate and the growth rates assumed. As a context for the average rate growth factors, note that we have applied an underlying inflation rate of 2.0% in 2015/16, 2.5% in 2016/17, and 3.0% in 2017/18 and thereafter.



FIGURE 6-6 MARKET AND SUBJECT PROPERTY AVERAGE RATE FORECAST

	Areav	vide (Calendar	Year)	Subject Property (Calendar Year)							
		Average Rate		Average Rate							Average Rate
Year	Occupancy	Growth	Average Rate	Occupancy	Growth	Average Rate	Penetration				
Base Year	65.6 %	_	\$104.60	57.0 %	_	\$98.27	93.9 %				
2015	68.7	6.5 %	111.40	60.0	6.5 %	104.66	93.9				
2016	70.0	4.5	116.42	65.0	4.5	109.37	93.9				
2017	70.6	4.0	121.07	66.0	4.0	113.75	93.9				

As illustrated above, a 6.5% rate of change is expected for the subject property's room rate in 2015. As illustrated at the beginning of this chapter, the subject property's rate changed by 8.6% in the most recent historical period. This is followed by rates of 4.5% and 4.0% in 2016 and 2017, respectively. The subject property's room rate is anticipated to follow a trend similar to that of the market, increasing in the first projection year. The average-rate penetration level is expected to remain virtually unchanged by the stabilized year. Management reported that rate increases going forward should be supported by planned renovations to the hotel. Anticipated future economic strength in this market should support longer-term rate improvements for the subject property.

The following table provides a comparison of the historical performance and forecasts for the subject property and competitive set.

FIGURE 6-7 COMPARISON OF HISTORICAL AND PROJECTED OCCUPANCY, AVERAGE RATE, AND REVPAR – SUBJECT PROPERTY AND MARKET

			Historical					Proje	ected			
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Courtyard by Marriott Ocala												
Occupancy	47.3 %	45.7 %	48.1 %	48.7 %	56.8 %	59.5 %	64.8 %	66.4 %	66.8 %	66.8 %	66.8	
Change	_	(3.4) %	5.3 %	1.3 %	16.5 %	4.8 %	8.9 %	2.5 %	0.5 %	0.0 %	0.0	
Occupancy Penetration	80.9	77.5	80.0 %	80.0 %	86.6 %	86.6 %	92.6 %	94.1 %	94.1 %	94.1 %	94.1	
Average Rate	\$85.71	\$88.34	\$90.33	\$96.28	\$98.27	\$104.66	\$109.37	\$113.75	\$117.16	\$120.67	\$124.29	
Change	_	3.1 %	2.3 %	6.6 %	2.1 %	6.5 %	4.5 %	4.0 %	3.0 %	3.0 %	3.0	
Average Rate Penetration	95.3	98.5	98.1 %	95.6 %	93.9 %	93.9 %	93.9 %	93.9 %	93.9 %	93.9 %	93.9	
RevPAR	\$40.54	\$40.37	\$43.46	\$46.93	\$55.81	\$62.29	\$70.88	\$75.56	\$78.21	\$80.56	\$82.98	
Change	_	(0.4) %	7.6 %	8.0 %	18.9 %	11.6 %	13.8 %	6.6 %	3.5 %	3.0 %	3.0	
RevPAR Penetration	77.1	76.3	78.5 %	76.5 %	81.3 %	81.3 %	87.0 %	88.4 %	88.4 %	88.4 %	88.4	
		Histo	orical (Estimat	ed)		Projected						
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Ocala Submarket												
Occupancy	58.5 %	59.0 %	60.1 %	60.9 %	65.6 %	68.7 %	70.0 %	70.6 %	70.9 %	70.9 %	70.9	
Change	_	0.9 %	1.9 %	1.3 %	7.7 %	4.8 %	1.8 %	0.9 %	0.5 %	0.0 %	0.0	
Average Rate	\$89.90	\$89.71	\$92.04	\$100.76	\$104.60	\$111.40	\$116.42	\$121.07	\$124.71	\$128.45	\$132.30	
Change	_	(0.2) %	2.6 %	9.5 %	3.8 %	6.5 %	4.5 %	4.0 %	3.0 %	3.0 %	3.0	
RevPAR	\$52.57	\$52.93	\$55.34	\$61.38	\$68.61	\$76.57	\$81.45	\$85.47	\$88.48	\$91.13	\$93.87	
Change	_	0.7 %	4.5 %	10.9 %	11.8 %	11.6 %	6.4 %	4.9 %	3.5 %	3.0 %	3.0	



The North American lodging market bottomed out in late 2009, at which time demand rebounded and the supply pipeline diminished. In 2010, occupancy rebounded strongly, and by 2011, average rates in most U.S. markets showed increases. By year-end 2014, occupancy approached the levels realized during the 1994–1996 timeframe, and average rate remained well above the prior 2008 peak. In many primary markets, strong occupancy levels and a lack of new supply are allowing hotel operators to make continued, aggressive average rate gains in 2015. While average rate growth is strong in some secondary and tertiary markets, it may be limited in the near term by the entrance of new supply. With demand now recovered from the correction in 2009, and new supply remaining muted in 2015 and 2016, markets should be able to support continued, healthy average rate gains in the near term.

The following occupancies and average rates will be used to project the subject property's rooms revenue; this forecast begins on June 1, 2015, and corresponds with our financial projections.

FIGURE 6-8 FORECAST OF OCCUPANCY, AVERAGE RATE, AND REVPAR

Year	Occupancy	Average Rate	RevPAR
2015/16	62 %	\$106.61	\$66.10
2016/17	65	111.18	72.27
2017/18	67	115.16	77.16



## 7. Highest and Best Use

The concept of highest and best use is a fundamental element in the determination of value of real property, either as if vacant or as improved. USPAP requires that a property's highest and best use be analyzed. Only if the current improvements do not reflect the highest and best use of the property does the highest and best use of the site "as if" vacant need to be considered.

Highest and best use is defined as follows:

The reasonably probable and legal use of vacant land or an improved property that is physically possible, appropriately supported, financially feasible, and that results in the highest value. The four criteria the highest and best use must meet are legal permissibility, physical possibility, financial feasibility, and maximum productivity. Alternatively, the probable use of land or improved property—specific with respect to the user and timing of the use—that is adequately supported and results in the highest present value.<sup>11</sup>

As If Vacant

The subject site enjoys a favorable location proximate to the interstate and is of an appropriate size to support any number of retail, office, or hospitality projects. Furthermore, significant improvements in hotel demand, as well as expectations of continued rate recovery in the coming months, are enhancing the potential for new hotel development in the current market. Some financing is again available for new construction, in particular for healthy markets and for projects that have a strong borrower profile. Therefore, commercial development such as a viable hotel product, office space, or a retail project on the subject site would represent the highest and best use; however, more market research would be required to make this determination.

As Improved

The subject property is a viable enterprise generating a positive net operating income. However, the facility appears dated and is in need of refurbishment. A capital expense of \$2,500,000 has been allocated to address updates throughout the guestrooms and guest bathrooms. The upgrading of the property is an important consideration for the rate, occupancy, and other revenue forecasts in this analysis. It is our opinion that a buyer of the subject property would

<sup>&</sup>lt;sup>11</sup> Appraisal Institute, The Dictionary of Real Estate Appraisal, 5th ed. (Chicago: Appraisal Institute, 2010).



undertake the refurbishment project to maximize the asset's highest and best use as an operating hotel.



## 8. Approaches to Value

In appraising real estate for market value, three approaches to value are considered: income capitalization, cost, and sales comparison. Basic summaries of each approach are provided as follows; please refer to the introduction of each respective chapter for additional description.

Income Capitalization Approach The income capitalization approach analyzes a property's ability to generate financial returns as an investment. The appraisal estimates a property's operating cash flow, and the result is utilized in a direct capitalization technique and a discounted-cash-flow analysis. The income capitalization approach is often selected as the preferred valuation method for operating properties because it most closely reflects the investment rationale of knowledgeable buyers.

Sales Comparison Approach The sales comparison approach estimates the value of a property by comparing it to similar properties sold on the open market. To obtain a supportable estimate of value, the sales price of a comparable property must be adjusted to reflect any dissimilarity between it and the property being appraised. The sales comparison approach is most useful in the case of simple forms of real estate such as vacant land and single-family homes, where the properties are homogeneous and the adjustments are few and relatively simple to compute. In the case of complex investments such as hotels, where the adjustments are numerous and more difficult to quantify, the sales comparison approach loses much of its reliability.

**Cost Approach** 

The cost approach estimates market value by computing the cost of replacing the property and subtracting any depreciation resulting from physical deterioration, functional obsolescence, and external (or economic) obsolescence. The value of the land, as if vacant and available, is then added to the depreciated value of the improvements for a total value estimate. The cost approach is most reliable for estimating the value of new properties; however, as the improvements deteriorate and market conditions change, the resultant loss in value becomes increasingly difficult to quantify accurately. Moreover, our experience with hotel investors shows that this group of buyers and sellers relies upon the methods of the income approach when making decisions; the cost approach generally does not play a significant role.

Reconciliation

The final step in the valuation process is the reconciliation and correlation of the value indications. Factors that are considered in assessing the reliability of each approach include the purpose of the appraisal, the nature of the subject property, and the reliability of the data used. In the reconciliation, the applicability and



supportability of each approach are considered and the range of value indications is examined. The most significant weight is given to the approach that produces the most reliable solution and most closely reflects the criteria used by typical investors.



## 9. Income Capitalization Approach

The income capitalization approach is based on the principle that the value of a property is indicated by its net return, or what is known as the present worth of future benefits. The future benefits of income-producing properties, such as hotels, are net income before debt service and depreciation (as estimated by a forecast of income and expense) and any anticipated reversionary proceeds from a sale. These future benefits can be converted into an indication of market value through a capitalization process and discounted cash flow analysis.

Methodology

Using the income capitalization approach, the subject property has been valued by analyzing the local market for transient accommodations, examining existing and proposed competition, and developing a forecast of income and expense that reflects current and anticipated income trends and cost components through a stabilized year of operation.

The forecast of income and expense is expressed in current dollars for each year. The stabilized year is intended to reflect the anticipated operating results of the property over its remaining economic life, given any or all applicable stages of build-up, plateau, and decline in the life cycle of the hotel. Thus, income and expense estimates from the stabilized year forward exclude from consideration any abnormal relationship between supply and demand, as well as any nonrecurring conditions that may result in unusual revenues or expenses. The stabilized year's net income is then extended into an eleven-year forecast of income and expense by applying the assumed underlying inflation rate to each revenue and expense item from the stabilized year forward, unless otherwise noted.

The eleven-year forecast of net income forms the basis of a mortgage-equity and discounted-cash-flow analysis, where ten years of net income and a reversion derived from the capitalized eleventh year's net income are discounted back to the date of value and summed to derive an estimate of market value. The ten-year period reflects the typical holding period of large real estate assets such as hotels. In addition, the ten-year period provides for the stabilization of income streams and comparison of yields with alternate types of real estate. The forecasted income streams reflect the future benefits of owning specific rights in income-producing real estate.

Because the value is unknown but the loan-to-value ratio and market rates of return can be estimated, the value is computed by way of a linear algebraic

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Review of Operating History equation. The algebraic equation that solves for the total property value using a ten-year mortgage and equity technique was developed by Suzanne R. Mellen, CRE, MAI, FRICS, ISHC, Senior Managing Director of the San Francisco office of HVS. A complete discussion of the technique is presented in her article entitled "Simultaneous Valuation: A New Technique."<sup>12</sup>

Because the subject property is an existing hotel with an established operating performance, its historical income and expense experience can serve as a basis for projections. The following income and expense statements were provided by current ownership. Where applicable, we have reorganized the statements in accordance with the Uniform System of Accounts for the Lodging Industry (USALI). The 11th edition of the USALI, which was issued in 2014, became effective on January 1, 2015; however, the hospitality industry is still in the process of converting to the new reporting standards. Given the lack of sufficient detail or information provided in accordance with the 11th edition of the USALI, we have forecast revenues and expenses for the subject property using the 10th edition of the USALI.

May-2015

 $<sup>^{\</sup>rm 12}$  Suzanne Mellen, "Simultaneous Valuation: A New Technique,"  $\it Appraisal Journal.$  April (1983).

FIGURE 9-1 HISTORICAL OPERATING PERFORMANCE

		Fiscal Year En	ding April			Calendar Yea	r			Calendar Year	r			Calendar Yea	r	
Number of Rooms:	169				169				169				169			
Paid Occupied Rooms:	36,349				35,028				30,066				29,678			
Days Open:	365				365				365				365			
Paid Occupancy:	58.9%			Amount	56.8%	_		Amount	48.7%	_		Amount	48.1%	_		Amount
Average Rate:	\$102.26	_	Available	Occupied	•	Percentage	Available	Occupied	•	Percentage	Available	Occupied	\$90.33	Ū	Available	Occupie
OPERATING REVENUE	\$60.26	of Revenue	Room	Room	\$55.81	of Revenue	Room	Room	\$46.93	of Revenue	Room	Room	\$43.46	of Revenue	Room	Room
	\$3.717	91.0 %	¢31.00F	¢102.26	ć2 44 <b>2</b>	00.2 %	¢20,260	ć00.27	ć2 00F	89.9 %	ć17 120	¢06.38	ć2 C01	90.8 %	Ć1E 963	¢00.22
Rooms Food & Beverage	\$3,717 309		\$21,995 1,829	\$102.26	\$3,442	90.3 %	\$20,369	\$98.27	\$2,895		\$17,129	\$96.28	\$2,681	90.8 % 5.6	\$15,863 985	\$90.33
<u> </u>		7.6	•	8.50	316	8.3	1,872	9.03	205	6.4	1,212	6.81	166			5.61
Other Operated Departments	50	1.2	296	1.37	48	1.3	285	1.38	122	3.8	720	4.04	105	3.5	619	3.52
Miscellaneous Income	6	0.2	38	0.18	6	0.2	34	0.17	0	0.0	0	0.00	0	0.0	0	0.00
Total Operating Revenue	4,083	100.0	24,158	112.32	3,813	100.0	22,560	108.85	3,221	100.0	19,061	107.14	2,952	100.0	17,466	99.46
DEPARTMENTAL EXPENSES*																
Rooms	752	20.2	4,451	20.69	700	20.3	4,144	19.99	672	23.2	3,978	22.36	605	22.6	3,581	20.39
Food & Beverage	280	90.6	1,657	7.70	284	89.7	1,679	8.10	228	111.3	1,348	7.58	193	116.0	1,142	6.50
Other Operated Departments	43	86.8	256	1.19	44	92.0	262	1.27	41	33.8	244	1.37	33	31.8	197	1.12
Total	1,075	26.3	6,364	29.59	1,028	27.0	6,085	29.36	941	29.2	5,570	31.31	831	28.2	4,920	28.02
DEPARTMENTAL INCOME	3,007	73.7	17,794	82.73	2,784	73.0	16,475	79.49	2,280	70.8	13,491	75.83	2,120	71.8	12,546	71.44
UNDISTRIBUTED OPERATING EXPENSES																
Administrative & General	261	6.4	1,543	7.17	252	6.6	1,489	7.18	277	8.6	1,641	9.22	257	8.7	1,518	8.65
Marketing	164	4.0	970	4.51	163	4.3	966	4.66	221	6.9	1,310	7.36	214	7.3	1,267	7.21
Franchise Fee	260	6.4	1,541	7.16	241	6.3	1,428	6.89	147	4.6	872	4.90	137	4.7	813	4.63
Prop. Operations & Maint.	220	5.4	1,303	6.06	202	5.3	1,195	5.77	198	6.1	1,171	6.58	163	5.5	966	5.50
Utilities	233	5.7	1,380	6.42	229	6.0	1,355	6.54	220	6.8	1,304	7.33	211	7.2	1,249	7.11
Total	1,138	27.9	6,736	31.32	1,087	28.5	6,433	31.04	1,064	33.0	6,298	35.40	982	33.3	5,813	33.10
GROSS HOUSE PROFIT	1,869	45.8	11,058	51.41	1,697	44.5	10,042	48.45	1,215	37.8	7,193	40.43	1,138	38.5	6,733	38.34
Management Fee	120	2.9	710	3.30	118	3.1	701	3.38	106	3.3	625	3.52	66	2.2	391	2.23
INCOME BEFORE NON-OPER. INC. & EXP.	1,749	42.8	10,347	48.11	1,579	41.4	9,341	45.07	1,110	34.5	6,567	36.91	1,072	36.3	6,342	36.12
NON-OPERATING INCOME AND EXPENSE	,				,				,		, , , , , , , , , , , , , , , , , , ,		,		,	
Property Taxes	113	2.8	669	3.11	112	2.9	663	3.20	109	3.4	647	3.64	102	3.4	601	3.42
Insurance	83	2.0	493	2.29	94	2.5	554	2.68	91	2.8	541	3.04	88	3.0	520	2.96
Miscellaneous	6	0.1	33	0.15	6	0.1	33	0.16	3	0.1	20	0.11	6	0.2	37	0.21
Total	202	4.9	1,194	5.55	211	5.5	1,250	6.03	204	6.3	1,208	6.79	196	6.6	1,158	6.59
EBITDA LESS RESERVE	\$1.547	37.9 %	\$9.153	\$42.56	\$1.367	35.9 %	\$8.091	\$39.04	\$906	28.2 %	\$5.359	\$30.12	\$876	29.7 %	\$5.184	\$29.53
	Ψ±,5-77	37.3 /0	75,155	γ-12.50	71,507	33.3 /0	70,031	<del>7</del> 33.04	<del>-</del>	20.2 /0	40,000	750.12	70,0	25.7 /0	73,104	Ų23.33
NOI adjusted to reflect a																
3.0% mgmt fee and a 5.0% reserve	\$1,340	32.8 %			\$1,181	31.0 %			\$754	23.4 %			\$706	23.9 %		

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**HISTORICAL OPERATING PERFORMANCE (CONTINUED)** FIGURE 9-2

Number of Rooms:	2015 169	Year-to-Date	Ending April		2014 169	Year-to-Date	Ending April	
Paid Occupied Rooms:	14,943				13,622			
Days Open:	120				120			
Paid Occupancy:	73.7%			Amount	67.2%			Amount
Average Rate:	\$114.52	Percentage	Available	Occupied		Percentage	Available	Occupied
RevPAR:	\$84.38	•	Room	Room	-	of Revenue	Room	Room
DPERATING REVENUE	ψοσο	0			770.00			
Rooms	\$1,711	91.8 %	\$10,126	\$114.52	\$1,436	90.1 %	\$8,499	\$105.45
Food & Beverage	132	7.1	783	8.86	140	8.7	826	10.24
Other Operated Departments	19	1.0	114	1.29	18	1.1	104	1.29
Miscellaneous Income	2	0.1	13	0.15	2	0.1	10	0.12
Total Operating Revenue	1,865	100.0	11,036	124.81	1,595	100.0	9,438	117.10
DEPARTMENTAL EXPENSES*	_,				_,-,		5,155	
Rooms	293	17.1	1,733	19.59	241	16.8	1,426	17.69
Food & Beverage	99	75.1	588	6.65	103	73.9	610	7.57
Other Operated Departments	13	69.2	79	0.89	14	81.8	85	1.05
Total	406	21.7	2,400	27.14	358	22.5	2,121	26.31
DEPARTMENTAL INCOME	1,459	78.3	8,636	97.67	1,237	77.5	7,318	90.78
JNDISTRIBUTED OPERATING EXPENSES	•		· ·		•		· · ·	
Administrative & General	104	5.6	613	6.94	95	5.9	560	6.94
Marketing	53	2.8	313	3.54	52	3.3	309	3.84
Franchise Fee	120	6.4	709	8.02	101	6.3	596	7.39
Prop. Operations & Maint.	78	4.2	462	5.23	60	3.8	355	4.40
Utilities	75	4.0	447	5.05	71	4.5	422	5.23
Total	430	23.1	2,544	28.77	379	23.7	2,241	27.80
GROSS HOUSE PROFIT	1,030	55.2	6,092	68.90	858	53.8	5,077	62.99
Management Fee	38	2.0	225	2.55	39	2.4	229	2.84
NCOME BEFORE NON-OPER. INC. & EXP.	991	53.2	5,867	66.35	819	51.4	4,848	60.15
NON-OPERATING INCOME AND EXPENSE								
Property Taxes	38	2.1	227	2.57	37	2.3	221	2.74
Insurance	22	1.2	129	1.46	32	2.0	191	2.37
Miscellaneous	0	0.0	0	0.00	0	0.0	0	0.00
Total	60	3.3	356	4.03	70	4.3	412	5.11
BITDA LESS RESERVE	\$931	49.9 %	\$5,511	\$62.32	\$750	47.1 %	\$4,436	\$55.04
NOI adjusted to reflect a								
•	ćono	44.0 0/			¢cc4	44.4.0/		
3.0% mgmt fee and a 5.0% reserve	\$820	44.0 %			\$661	41.4 %		

# <u>ĤVS</u>

The 2014/15 base year illustrates an overall positive trend in profitability, owing to an increase in rooms revenue. In the food and beverage department, revenue decreased slightly because of a decline in meeting room rentals. Revenues associated with telephone charges, guest laundry/valet, and the market pantry are included in the other operated departments line. Miscellaneous income sources include the hotel's vending commissions and other minor fees. No major changes in expense levels and ratios were noted.

# **Comparable Operating Statements**

In order to gauge the subject hotel's profitability, we have reviewed the following individual income and expense statements from comparable hotels, derived from our database of hotel income and expense statements. All financial data are presented according to the three most common measures of industry performance: ratio to sales (RTS), amounts per available room (PAR), and amounts per occupied room night (POR). These historical income and expense statements will be used as benchmarks in our forthcoming forecast of income and expense. The subject property's 2014/15 operating history has been included to facilitate a comparison. The stabilized statement of income and expense, in 2014/15 dollars, is presented as well.



FIGURE 9-3 COMPARABLE OPERATING STATEMENTS: RATIO TO SALES

	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Subject
							Stabilized \$
Year:	2014/15	2014/15	2014	2013/14	2013/14	2012	2014/15
Number of Rooms:	169	130 to 170	120 to 160	130 to 170	130 to 170	150 to 200	169
Days Open:	365	365	365	365	365	365	365
Occupancy:	58.9%	70%	69%	64%	64%	66%	67%
Average Rate:	\$102.26	\$102	\$114	\$102	\$108	\$95	\$107
RevPAR:	\$60.26	\$71	\$79	\$65	\$69	\$63	\$72
REVENUE							
Rooms	91.0 %	90.2 %	91.2 %	90.9 %	91.0 %	89.1 %	91.7 %
Food & Beverage	7.6	8.4	6.9	7.3	7.4	9.4	7.1
Other Operated Departments	1.2	1.4	1.4	1.4	1.3	1.4	1.1
Rentals & Other Income	0.2	0.0	0.4	0.3	0.2	0.2	0.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DEPARTMENTAL EXPENSES*							
Rooms	20.2	21.3	20.4	21.2	24.4	22.8	21.5
Food & Beverage	90.6	68.9	75.7	79.7	86.8	65.4	90.7
Other Operated Departments	86.8	72.9	76.2	69.0	80.7	50.4	84.4
Total	26.3	26.0	24.9	26.1	29.8	27.1	27.1
DEPARTMENTAL INCOME	73.7	74.0	75.1	73.9	70.2	72.9	72.9
OPERATING EXPENSES							
Administrative & General	6.4	6.4	11.7	7.4	12.8	8.3	7.1
Marketing	4.0	8.0	7.4	8.6	7.5	8.1	3.6
Franchise Fee	6.4	7.0	0.0	7.1	0.0	0.0	6.9
Property Operations & Maintenance	5.4	4.4	5.7	5.3	5.0	5.5	4.8
Utilities	5.7	4.8	5.4	4.3	4.1	5.1	5.1
UDOE 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	27.9	30.6	30.2	32.7	29.3	26.9	27.4
HOUSE PROFIT	45.8	43.4	44.9	41.2	40.9	46.0	45.5
Management Fee	2.9	6.0	6.0	6.0	6.0	7.0	3.0
INCOME BEFORE FIXED CHARGES	42.8	37.4	38.8	35.3	35.0	39.0	42.5

<sup>\*</sup> Departmental expense ratios are expressed as a percentage of departmental revenues



FIGURE 9-4 COMPARABLE OPERATING STATEMENTS: AMOUNTS PER AVAILABLE ROOM

	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Subject
							Stabilized \$
Year:	2014/15	2014/15	2014	2013/14	2013/14	2012	2014/15
Number of Rooms:	169	130 to 170	120 to 160	130 to 170	130 to 170	150 to 200	169
Days Open:	365	365	365	365	365	365	365
Occupancy:	58.9%	70%	69%	64%	64%	66%	67%
Average Rate:	\$102.26	\$102	\$114	\$102	\$108	\$95	\$107
RevPAR:	\$60.26	\$71	\$79	\$65	\$69	\$63	\$72
REVENUE							
Rooms	\$21,995	\$26,096	\$28,694	\$23,888	\$25,031	\$23,084	\$26,152
Food & Beverage	1,829	2,445	2,172	1,917	2,045	2,423	2,021
Other Operated Departments	296	396	451	380	363	361	308
Rentals & Other Income	38	5	137	90	61	41	39
Total	24,158	28,941	31,454	26,275	27,500	25,909	28,521
DEPARTMENTAL EXPENSES							
Rooms	4,451	5,557	5,854	5,061	6,118	5,257	5,634
Food & Beverage	1,657	1,684	1,644	1,528	1,774	1,586	1,834
Other Operated Departments	256	289	344	262	293	182	260
Total	6,364	7,530	7,842	6,851	8,185	7,025	7,728
DEPARTMENTAL INCOME	17,794	21,412	23,612	19,423	19,315	18,884	20,793
OPERATING EXPENSES							
Administrative & General	1,543	1,866	3,687	1,932	3,515	2,143	2,034
Marketing	970	2,327	2,328	2,270	2,052	2,088	1,015
Franchise Fee	1,541	2,013	0	1,871	0	0	1,961
Property Operations & Maintenance	1,303	1,265	1,797	1,391	1,364	1,433	1,364
Utilities	1,380	1,391	1,698	1,118	1,117	1,309	1,445
UDOE 1	0	0	0	0	0	0	0
Total	6,736	8,862	9,510	8,581	8,047	6,973	7,818
HOUSE PROFIT	11,058	12,550	14,102	10,842	11,268	11,911	12,975
Management Fee	710	1,737	1,887	1,576	1,650	1,814	856
INCOME BEFORE FIXED CHARGES	10,347	10,813	12,214	9,266	9,618	10,098	12,119



FIGURE 9-5 COMPARABLE OPERATING STATEMENTS: AMOUNTS PER OCCUPIED ROOM

	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Subject
							Stabilized \$
Year:	2014/15	2014/15	2014	2013/14	2013/14	2012	2014/15
Number of Rooms:	169	130 to 170	120 to 160	130 to 170	130 to 170	150 to 200	169
Days Open:	365	365	365	365	365	365	365
Occupancy:	58.9%	70%	69%	64%	64%	66%	67%
Average Rate:	\$102.26	\$102	\$114	\$102	\$108	\$95	\$107
RevPAR:	\$60.26	\$71	\$79	\$65	\$69	\$63	\$72
REVENUE							
Rooms	\$102.26	\$102.38	\$114.05	\$102.12	\$107.51	\$95.19	\$106.94
Food & Beverage	8.50	9.59	8.63	8.20	8.78	9.99	8.27
Other Operated Departments	1.37	1.55	1.79	1.62	1.56	1.49	1.26
Rentals & Other Income	0.18	0.02	0.55	0.38	0.26	0.17	0.16
Total	112.32	113.54	125.03	112.33	118.11	106.84	116.63
DEPARTMENTAL EXPENSES							
Rooms	20.69	21.80	23.27	21.64	26.28	21.68	23.04
Food & Beverage	7.70	6.61	6.54	6.53	7.62	6.54	7.50
Other Operated Departments	1.19	1.13	1.37	1.12	1.26	0.75	1.06
Total	29.59	29.54	31.17	29.29	35.16	28.97	31.60
DEPARTMENTAL INCOME	82.73	84.00	93.86	83.04	82.96	77.87	85.03
OPERATING EXPENSES							
Administrative & General	7.17	7.32	14.66	8.26	15.10	8.84	8.32
Marketing	4.51	9.13	9.25	9.71	8.81	8.61	4.15
Franchise Fee	7.16	7.90	0.00	8.00	0.00	0.00	8.02
Property Operations & Maintenance	6.06	4.96	7.14	5.95	5.86	5.91	5.58
Utilities	6.42	5.46	6.75	4.78	4.80	5.40	5.91
UDOE 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	31.32	34.77	37.80	36.69	34.56	28.75	31.97
HOUSE PROFIT	51.41	49.23	56.05	46.35	48.40	49.12	53.06
Management Fee	3.30	6.81	7.50	6.74	7.09	7.48	3.50
INCOME BEFORE FIXED CHARGES	48.11	42.42	48.55	39.61	41.31	41.64	49.56

The comparables' departmental income ranged from 70.2% to 75.1% of total revenue. The subject hotel's 2014/15 departmental income ratio of 73.7% is within this range. The comparable properties achieved a house profit ranging from 40.9% to 46.0% of total revenue. The subject hotel's 2014/15 house profit percentage of 45.8% of total revenue is within this range. We will refer to the comparable operating data in our discussion of each line item, which follows later in this section of the report.

# Fixed and Variable Component Analysis

HVS uses a fixed and variable component model to project a lodging facility's revenue and expense levels. This model is based on the premise that hotel revenues and expenses have one component that is fixed and another that varies



directly with occupancy and facility usage. A projection can be made by taking a known level of revenue or expense and calculating its fixed and variable components. The fixed component is then increased in tandem with the underlying rate of inflation, while the variable component is adjusted for a specific measure of volume such as total revenue.

The actual forecast is derived by adjusting each year's revenue and expense by the amount fixed (the fixed expense multiplied by the inflated base-year amount) plus the variable amount (the variable expense multiplied by the inflated base-year amount) multiplied by the ratio of the projection year's occupancy to the base-year occupancy (in the case of departmental revenue and expense) or the ratio of the projection year's revenue to the base year's revenue (in the case of undistributed operating expenses). Fixed expenses remain fixed, increasing only with inflation. Our discussion of the revenue and expense forecast in this report is based upon the output derived from the fixed and variable model. This forecast of revenue and expense is accomplished through a systematic approach, following the format of the USALI. Each category of revenue and expense is estimated separately and combined at the end in the final statement of income and expense.

**Inflation Assumption** 

A general rate of inflation must be established that will be applied to most revenue and expense categories. The following table shows inflation estimates made by economists at some noted institutions and corporations.



#### FIGURE 9-6 INFLATION ESTIMATES

Name			Projecte (Annuali:			umer Pri	
Name         Firm         2014         2015         2015         2016         2016           Lewis Alexander         Nomura Securities International         1.3         % 0.7         % 1.8         % 2.3         2.3         2.5           Ram Bhagavatula         Combinatorics Capital         1.5         2.2         4.2         4.2         2.5         Sebeth Ann Bovino         Standard and Poor's         1.6         1.4         1.1         1.8         1.7         1.8         2.5         3.0         1.3         1.1         1.8         1.7         2.0         1.5         2.2         2.4         2.4         2.5         3.0         1.5         2.2         2.4         2.4         2.5         3.0         1.5         2.2         2.5         3.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.2							
Paul Ashworth	Name	Firm					
Ram Bhagavatula   Combinatorics Capital   1.5   2.2   2.4   2.4   2.5   Belth Ann Bovino   Standard and Poor's   1.6   1.4   1.9   1.7   1.8   Michael Carey   Credit Agricole CIB   1.4   1.1   1.8   1.7   2.0   Joseph Carson   AllianceBernstein   1.4   1.5   2.2   2.5   3.0   Ulula Coronado   BNP Paribas   1.0   0.3   1.9   2.2   2.2   Mike Cosgrove   Econoclast   1.5   1.8   2.0   2.0   2.0   Mike Cosgrove   Econoclast   1.5   1.8   2.0   2.0   2.0   Lou Crandall   Wrightson ICAP   1.1   0.8   2.7   2.8   2.5   U. Dewey Daane   Vanderbilt University   1.8   2.0   2.0   2.0   2.0   Douglas Duncan   Fannie Mae   1.4   0.8   1.6   2.0   2.0   2.0   Maria Fiorini Ramirez/Joshua Shapiro   MFR, Inc.   1.6   1.4   1.9   2.3   2.0   Maria Fiorini Ramirez/Joshua Shapiro   MRF, Inc.   1.6   1.4   1.9   2.0   2.2   2.5   Doug Handler   IHS Global Insight   0.8   (0.4)   1.1   2.2   2.4   Ethan Harris   Bank of America Securities- Merrill Lynch   1.3   0.4   1.7   2.2   2.4   Mary Harris   UBS   1.4   0.3   1.6   2.4   2.5   Mack Kleinhen   National Retail Federation   1.4   1.5   2.0   2.1   2.2   Mack Jernick   Avidbank   1.5   2.0   2.1   2.2   Marke Ghard   National Retail Federation   1.4   0.8   1.8   2.3   2.5   Doun Leavens/Tim Gill   NEMA Businses Information Services   1.6   1.3   1.5   1.9   1.9   Dohn Leavens/Tim Gill   NEMA Businses Information Services   1.6   1.3   1.5   1.5   2.0   2.0   Mark Nielson   Macroccon Global Advisors     2.6   2.8   Din John Chris Varvares   Macroeconomics   1.2   1.0   1.8   2.3   2.5   Dolon Jenkeyn Strain   Parse Financial Management   1.4   1.0   1.8   1.8   1.8   Mares Finant   Macroeconomics   1.2   1.0   1.8   2.0   2.0   Mark Nielson   Pantheon Macroeconomics   1.2   1.7   1.4   1.3   1.5   1.5   Mares Finant   Decision Economics   1.2   1.0   1.2   2.6   2.5   Dolon Strain   Parse Financial Management   1.4   1.6   1.7   1.8   1.8   Macaron Shape   Pierport Securities   1.2   1.0   1.6   1.7   1.8   Malma Strain   Pierport Securities   1.2   1.0   1.6   1.7   1.8	Lewis Alexander	Nomura Securities International	1.3 %	0.7 %	1.8 %	2.3	2.3
Beth Ann Bowino         Standard and Poor's         1.6         1.4         1.9         1.7         1.8           Michael Carey         Credit Agricole CIB         1.4         1.1         1.8         1.7         2.0           Joseph Carson         AllianceBernstein         1.4         1.5         2.2         2.3           Julia Coronado         BNP Paribas         1.0         0.3         1.9         2.2         2.2           Rocordination         Econoclast         1.5         1.8         2.0         2.0         2.0         2.0           Lou Grandall         Wrightson ICAP         1.1         0.8         2.7         2.8         2.5           Douglas Duncan         Fannie Mae         1.4         0.8         1.6         2.0         2.0         2.0           Robert Dye         Comerica Bank         1.1         0.4         0.1         9         2.3         2.0           Mike Fratantoni         MFR, Inc.         1.6         1.4         2.1         2.0         2.2         2.5           Doug Handler         IH S Global Insight         0.8         1.6         1.9         2.0         2.2         2.5           Ethan Harris         Bank of America Securities, Inc.	Paul Ashworth	Capital Economics	1.4	1.0	2.0	2.4 %	2.5 %
Michael Carey         Credit Agricole CIB         1.4         1.1         1.8         1.7         2.0           Joseph Carson         AllianceBernstein         1.4         1.5         2.2         2.5         3.0           Mike Cosgrove         Econoclast         1.5         1.8         2.0         2.2         2.3           Mike Cosgrove         Econoclast         1.5         1.8         2.0         2.2         2.3           Lou Carndall         Wrightson ICAP         1.1         0.8         2.7         2.8         2.5           J. Dewey Daane         Vanderbilt University         1.8         2.0         2.0         2.0         2.0           Robert Dya         Comerica Bank         1.1         0.4         1.9         2.0         2.0         2.0           Maria Fiorini Ramirez/Joshua Shapiro         MFR, Inc.         1.6         1.4         2.1         —         —           Mike Fratantoni         Mrg. R.         1.6         1.4         2.1         —         —           Mulke Fratantoni         Mrg. R.         1.6         1.4         0.1         1.2         2.5           Doug Janch Ger         IHS Global Insight         0.8         0.4         1.7         <	Ram Bhagavatula	Combinatorics Capital	1.5	2.2	2.4	2.4	2.5
Dissiph Carson   Alliance Bernstein   1.4   1.5   2.2   2.5   3.0	Beth Ann Bovino	Standard and Poor's	1.6	1.4	1.9	1.7	1.8
Julia Coronado   BNP Paribas   1.0	Michael Carey	Credit Agricole CIB	1.4	1.1	1.8	1.7	2.0
Julia Cronado   BNP Paribas   1.0	Joseph Carson	AllianceBernstein	1.4	1.5	2.2	2.5	3.0
Lou Crandall Wrightson ICAP 1.1 0.8 2.7 2.8 2.5 1. Dewey Daane Vanderbilt University 1.8 2.0 2.0 2.0 2.0 2.0 2.0 Douglas Duncan Fannie Mae 1.4 0.8 1.4 0.8 1.6 2.0 2.0 2.0 2.0 Douglas Duncan Fannie Mae 1.4 0.8 1.4 0.8 1.6 2.0 2.0 Robert Dye Comerica Bank 1.1 0.4 1.9 2.3 2.0 2.0 MFR in Circle Maria Fiorini Ramirez/Joshua Shapiro MFR, Inc. 1.6 1.4 2.1 Mike Fratantoni Mortgage Bankers Association 1.6 1.9 2.0 2.2 2.5 Doug Handler HS Global Insight 0.8 (0.4) 1.1 2.2 2.4 2.4 Ethan Harris Bank of America Securities- Merrill Lynch 1.3 0.4 1.7 - 2.3 Maury Harris UBS 1.4 0.3 1.6 2.4 2.5 Tracy Herrick Avidbank 1.5 2.0 2.4 2.9 3.2 Lock Kleinherz National Retail Federation 1.4 0.8 1.8 2.2 2.1 Lock Kleinherz National Retail Federation 1.4 0.8 1.8 2.2 2.1 Lock Handler Clearer/David Shulman UCLA Anderson Forecast 1.4 0.8 1.8 2.2 2.1 Lobus Dun Leavens/Tim Gill Noody's Investors Service 1.2 1.0 1.8 1.8 1.8 1.8 1.8 Lobus Dun Leavens/Tim Gill Noody's Investors Service 1.2 1.0 1.8 1.8 1.8 1.8 1.8 Lobus Dun Leavens/Tim Gill Noody's Investors Service 1.2 1.0 1.8 1.8 1.8 1.8 1.8 Lobus Dun Leavens/Tim Gill Noody's Investors Service 1.2 1.0 1.8 1.8 1.8 1.8 1.8 Lobus Dun Leavens/Tim Gill Noody's Investors Service 1.2 1.0 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	Julia Coronado	BNP Paribas	1.0	0.3	1.9	2.2	2.2
Lou Crandall Wrightson ICAP 1.1 0.8 2.7 2.8 2.5 1. Dewey Daane Vanderbilt University 1.8 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	Mike Cosgrove	Econoclast	1.5	1.8	2.0	2.2	2.3
J. Dewey Daane	Lou Crandall	Wrightson ICAP	1.1	0.8	2.7	2.8	2.5
Douglas Duncan         Fannie Mae         1.4         0.8         1.6         2.0         2.0           Robert Dye         Comerica Bank         1.1         0.4         1.9         2.3         2.0           Maria Fiorini Ramirez/Joshua Shapiro         MFR, Inc.         1.6         1.4         1.9         2.0         2.2         2.5           Mike Fratantoni         Mortgage Bankers Association         1.6         1.9         2.0         2.2         2.5           Doug Handler         IHS Global Insight         0.8         (0.4)         1.7         2.2         2.4           Ethan Harris         Bank of America Securities- Merrill Lynch         1.3         0.4         1.7         2.2         2.4           Maury Harris         UBS         1.4         0.3         1.6         2.4         2.5         1.7         1.2         2.0         2.2         2.5         1.2         2.0         2.2         2.5         2.5         2.0         2.2         2.5         2.5         2.1         2.0         2.2         2.5         2.5         2.1         2.0         2.2         2.5         2.5         2.5         2.5         2.5         2.5         2.5         2.5         2.5         2.5		<u> </u>	1.8	2.0	2.0	2.0	2.0
Robert Dye         Comerica Bank         1.1         0.4         1.9         2.3         2.0           Maria Florini Ramirez/Joshua Shapiro         MFR, Inc.         1.6         1.4         2.1         —         —           Mike Fratantoni         Mortgage Bankers Association         1.6         1.9         2.0         2.2         2.5           Doug Handler         IHS Global Insight         0.8         (0.4)         1.1         2.2         2.4           Ethan Harris         Bank of America Securities- Merrill Lynch         1.3         0.4         1.7         —         2.3           Maury Harris         UBS         1.4         0.3         1.6         2.4         2.9         3.2           Jack Kleinhenz         National Retail Federation         1.4         1.5         2.0         2.1         2.2           Joseph LaVorgna         Deutsche Bank Securities, Inc.         1.4         0.8         1.8         2.2         2.1           Edward Leamer/David Shulman         UCLA Anderson Forecast         1.4         0.8         1.8         2.3         2.5           Don Leavens/Tim Gill         NEMA Business Information Services         1.6         1.3         1.5         1.9         1.9         1.9         1.9 <td>•</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td>	•	•					
Maria Fiorini Ramirez/Joshua Shapiro         MFR, Inc.         1.6         1.4         2.1         —         —           Mike Fratantoni         Mortgage Bankers Association         1.6         1.9         2.0         2.2         2.5           Doug Handler         IHS Global Insight         0.8         (0,4)         1.1         2.2         2.4           Ethan Harris         Bank of America Securities- Merrill Lynch         1.3         0.4         1.7         —         2.3           Maury Harris         UBS         1.4         0.3         1.6         2.4         2.9         3.2           Jack Kleinherz         Avidbank         1.5         2.0         2.4         2.9         3.2           Joseph LaVorgna         Deutsche Bank Securities, Inc.         1.4         0.8         1.8         2.2         2.1           Edward Leamer/David Shulman         UCLA Anderson Forecast         1.4         0.8         1.8         2.3         2.5           Don Leavens/Tim Gill         NEMA Business Information Services         1.6         1.3         1.5         1.9         1.9           John Lonski         Moody's Investors Service         1.2         1.0         1.8         1.8         1.8           Robert Mellman	9						
Mike Fratantoni       Mortgage Bankers Association       1.6       1.9       2.0       2.2       2.5         Doug Handler       IHS Global Insight       0.8       (0.4)       1.1       2.2       2.4         Ethan Harris       Bank of America Securities- Merrill Lynch       1.3       0.4       1.7       —       2.3         Maury Harris       UBS       1.4       0.3       1.6       2.4       2.5         Tracy Herrick       Avidbank       1.5       2.0       2.4       2.9       3.2         Jack Kleinhenz       National Retail Federation       1.4       1.5       2.0       2.1       2.2         Joseph LaVorgna       Deutsche Bank Securities, Inc.       1.4       0.8       1.8       2.2       2.1         Edward Leamer/David Shulman       UCLA Anderson Forecast       1.4       0.8       1.8       2.2       2.1         Don Leavens/Tim Gill       NEMA Business Information Services       1.6       1.3       1.5       1.9       1.9         John Lonski       Moody's Investors Service       1.2       1.0       1.8       1.8       1.8         Anteta Markowska       Societe Generale       2.0       0.0       0.7       1.2       2.6       2.5	•						
Doug Handler	•	•					
Ethan Harris         Bank of America Securities- Merrill Lynch         1.3         0.4         1.7         —         2.3           Maury Harris         UBS         1.4         0.3         1.6         2.4         2.5           Tracy Herrick         Avidbank         1.5         2.0         2.4         2.9         3.2           Jack Kleinhenz         National Retail Federation         1.4         1.5         2.0         2.1         2.2           Joseph LaVorgna         Deutsche Bank Securities, Inc.         1.4         0.8         1.8         2.2         2.1           Edward Leamer/David Shulman         UCLA Anderson Forecast         1.4         0.8         1.8         2.2         2.1           Don Leaven, Tim Gill         NEMA Business Information Services         1.6         1.3         1.5         1.9         1.9           John Lonski         Moody's Investors Service         1.2         1.0         1.8         1.8         1.8           Aneta Markowska         Societe Generale         1.0         (0.7)         1.2         2.6         2.5           Robert Mellman         JP Morgan Chase & Co.         1.3         0.6         1.6         2.0         2.0           Marcy Even Mellman         JP Morga							
Maury Harris         UBS         1.4         0.3         1.6         2.4         2.5           Tracy Herrick         Avidbank         1.5         2.0         2.4         2.9         3.2           Jack Kleinhenz         National Retail Federation         1.4         1.5         2.0         2.1         2.2           Joseph LaVorgna         Deutsche Bank Securities, Inc.         1.4         0.8         1.8         2.2         2.1           Edward Leamer/David Shulman         UCLA Anderson Forecast         1.4         0.8         1.8         2.3         2.5           Don Leavens/Tim Gill         NEMA Business Information Services         1.6         1.3         1.5         1.9         1.9           John Lonski         Moody's Investors Service         1.2         1.0         1.8         1.8         1.8           Aneta Markowska         Societe Generale         1.0         (0.7)         1.2         2.6         2.5           Robert Mellman         JP Morgan Chase & Co.         1.3         0.6         1.6         2.0         2.0           Mark Nielson         Macroeconomic Advisers         1.7         1.4         1.3         1.8         2.1           Dr. Joel Prakken/ Chris Varvares         Macroeconom	o contract of the contract of	S		` '			
Avidbank		•					
Dack Kleinhenz   National Retail Federation   1.4   1.5   2.0   2.1   2.2     Joseph LaVorgna   Deutsche Bank Securities, Inc.   1.4   0.8   1.8   2.2   2.1     Edward Leamer/David Shulman   UCLA Anderson Forecast   1.4   0.8   1.8   2.3   2.5     Don Leavens/Tim Gill   NEMA Business Information Services   1.6   1.3   1.5   1.9   1.9     John Lonski   Moody's Investors Service   1.2   1.0   1.8   1.8   1.8     Aneta Markowska   Societe Generale   1.0   (0.7)   1.2   2.6   2.5     Robert Mellman   JP Morgan Chase & Co.   1.3   0.6   1.6   2.0   2.0     Mark Nielson   Macroecon Global Advisors     -   2.6   2.8     Jim O'Sullivan   High Frequency Economics   1.3   1.1   2.2   2.5   2.6     Dr. Joel Prakken/ Chris Varvares   Macroeconomic Advisers   1.7   1.4   1.3   1.8   2.1     Arun Raha   Eaton Corp.   1.7   1.8   1.8   2.0   2.0     Vincent Reinhart   Morgan Stanley   1.4   1.0   1.8   2.3   2.2     Jan Shepherdson   Pantheon Macroeconomics   1.2   0.7   2.0   2.0   2.5     John Silvia   Wells Fargo & Co.   1.6   1.3   2.2   2.4   2.4     Allen Sinai   Decision Economics, Inc.   1.4   1.2   1.1   1.3   1.5     James F. Smith   Parsec Financial Management   1.4   1.6   1.8   1.7   1.4     Sung Won Sohn   California State University   1.3   1.5   1.6   1.7   1.8     Neal Soss   CSFB   1.4   0.4   1.4   -   -     Stephen Stanley   Pierpont Securities   1.2   1.0   2.5   3.0   3.2     Susan M. Sterne   Economic Analysis Associates Inc.   2.0   1.6   1.7   1.8     Diane Swonk   Mesirow Financial   1.3   0.8   1.7   2.2   2.3     Bart van Ark   The Conference Board   1.4   1.0   1.7   2.0   2.0     William T. Wilson   The Heritage Foundation   2.0   1.8   2.0   2.2   2.3	•						
Deutsche Bank Securities, Inc.   1.4   0.8   1.8   2.2   2.1	•						
Edward Leamer/David Shulman         UCLA Anderson Forecast         1.4         0.8         1.8         2.3         2.5           Don Leavens/Tim Gill         NEMA Business Information Services         1.6         1.3         1.5         1.9         1.9           John Lonski         Moody's Investors Service         1.2         1.0         1.8         1.8         1.8           Aneta Markowska         Societe Generale         1.0         (0.7)         1.2         2.6         2.5           Robert Mellman         JP Morgan Chase & Co.         1.3         0.6         1.6         2.0         2.0           Mark Nielson         Macroecon Global Advisors         —         —         —         2.6         2.8           Jim O'Sullivan         High Frequency Economics         1.3         1.1         2.2         2.5         2.6           Dr. Joel Prakken/ Chris Varvares         Macroeconomic Advisers         1.7         1.4         1.3         1.8         2.1           Arun Raha         Eaton Corp.         1.7         1.4         1.3         1.8         2.1           Vincent Reinhart         Morgan Stanley         1.4         1.0         1.8         2.3         2.2           John Silvia         Wells Fargo &							
Don Leavens/Tim Gill   NEMA Business Information Services   1.6   1.3   1.5   1.9   1.9     John Lonski   Moody's Investors Service   1.2   1.0   1.8   1.8   1.8     Aneta Markowska   Societe Generale   1.0   (0.7)   1.2   2.6   2.5     Robert Mellman   JP Morgan Chase & Co.   1.3   0.6   1.6   2.0   2.0     Mark Nielson   MacroEcon Global Advisors     2.6   2.8     Jim O'Sullivan   High Frequency Economics   1.3   1.1   2.2   2.5   2.6     Dr. Joel Prakken/ Chris Varvares   Macroeconomic Advisers   1.7   1.4   1.3   1.8   2.1     Arun Raha   Eaton Corp.   1.7   1.8   1.8   2.0   2.0     Vincent Reinhart   Morgan Stanley   1.4   1.0   1.8   2.3   2.2     Ian Shepherdson   Pantheon Macroeconomics   1.2   0.7   2.0   2.0   2.5     John Silvia   Wells Fargo & Co.   1.6   1.3   2.2   2.4   2.4     Allen Sinai   Decision Economics, Inc.   1.4   1.2   1.1   1.3   1.5     James F. Smith   Parsec Financial Management   1.4   1.6   1.8   1.7   1.4     Sean M. Snaith   University of Central Florida   1.6   1.2   1.4   1.6   1.8     Sung Won Sohn   California State University   1.3   1.5   1.6   1.7   1.8     Neal Soss   CSFB   1.4   0.4   1.4     -     Stephen Stanley   Pierpont Securities   1.2   1.0   2.5   3.0   3.2     Susan M. Sterne   Economic Analysis Associates Inc.   2.0   1.6   1.7   1.8   1.5     Diane Swonk   Mesirow Financial   1.3   0.8   1.7   2.2   2.3     Carl Tannenbaum   The Northern Trust   1.6   1.2   2.0   2.2   2.3     William T. Wilson   The Heritage Foundation   2.0   1.8   2.0   2.2   2.3							
Moody's Investors Service	-						
Aneta Markowska Societé Generale 1.0 (0.7) 1.2 2.6 2.5 Robert Mellman JP Morgan Chase & Co. 1.3 0.6 1.6 2.0 2.0 Mark Nielson MacroEcon Global Advisors — — — 2.6 2.8 Jim O'Sullivan High Frequency Economics 1.3 1.1 2.2 2.5 2.6 Dr. Joel Prakken/ Chris Varvares Macroeconomic Advisers 1.7 1.4 1.3 1.8 2.1 Arun Raha Eaton Corp. 1.7 1.8 1.8 2.0 2.0 Vincent Reinhart Morgan Stanley 1.4 1.0 1.8 2.3 2.2 Ian Shepherdson Pantheon Macroeconomics 1.2 0.7 2.0 2.0 2.5 John Silvia Wells Fargo & Co. 1.6 1.3 2.2 2.4 2.4 Allen Sinai Decision Economics, Inc. 1.4 1.2 1.1 1.3 1.5 James F. Smith Parsec Financial Management 1.4 1.6 1.8 1.7 1.4 Scan M. Snaith University of Central Florida 1.6 1.2 1.4 1.6 1.8 Sung Won Sohn California State University 1.3 1.5 1.6 1.7 1.8 Neal Soss CSFB 1.4 0.4 1.4 — — Stephen Stanley Pierpont Securities 1.2 1.0 2.5 3.0 3.2 Susan M. Sterne Economic Analysis Associates Inc. 2.0 1.6 1.7 1.8 1.5 Diane Swonk Mesirow Financial Bart van Ark The Conference Board 1.4 1.0 1.7 2.0 2.0 Brian S. Wesbury/ Robert Stein First Trust Advisors, L.P. 1.5 1.5 2.4 2.6 2.8 William T. Wilson The Heritage Foundation 2.0 1.8 2.0 2.2 2.3							
Robert Mellman         JP Morgan Chase & Co.         1.3         0.6         1.6         2.0         2.0           Mark Nielson         MacroEcon Global Advisors         —         —         —         —         2.6         2.8           Jim O'Sullivan         High Frequency Economics         1.3         1.1         2.2         2.5         2.6           Dr. Joel Prakken/ Chris Varvares         Macroeconomics Advisers         1.7         1.4         1.3         1.8         2.1           Arun Raha         Eaton Corp.         1.7         1.8         1.8         2.0         2.0           Vincent Reinhart         Morgan Stanley         1.4         1.0         1.8         2.3         2.2           Ian Shepherdson         Pantheon Macroeconomics         1.2         0.7         2.0         2.0         2.5           John Silvia         Wells Fargo & Co.         1.6         1.3         2.2         2.4         2.4           Allen Sinai         Decision Economics, Inc.         1.4         1.6         1.8         1.7         1.4           James F. Smith         Parsec Financial Management         1.4         1.6         1.8         1.7         1.4           Scan M. Snaith         University of Central		•					
Mark Nielson         MacroEcon Global Advisors         —         —         —         —         2.6         2.8           Jim O'Sullivan         High Frequency Economics         1.3         1.1         2.2         2.5         2.6           Dr. Joel Prakken/ Chris Varvares         Macroeconomic Advisers         1.7         1.4         1.3         1.8         2.1           Arun Raha         Eaton Corp.         1.7         1.8         1.8         2.0         2.0           Vincent Reinhart         Morgan Stanley         1.4         1.0         1.8         2.3         2.2           Ian Shepherdson         Pantheon Macroeconomics         1.2         0.7         2.0         2.0         2.5           John Silvia         Wells Fargo & Co.         1.6         1.3         2.2         2.4         2.4           Allen Sinai         Decision Economics, Inc.         1.4         1.2         1.1         1.3         1.5           James F. Smith         Parsec Financial Management         1.4         1.6         1.8         1.7         1.4           Sean M. Snaith         University of Central Florida         1.6         1.2         1.4         1.6         1.8           Sung Won Sohn         California Stat							
Jim O'Sullivan       High Frequency Economics       1.3       1.1       2.2       2.5       2.6         Dr. Joel Prakken/ Chris Varvares       Macroeconomic Advisers       1.7       1.4       1.3       1.8       2.1         Arun Raha       Eaton Corp.       1.7       1.8       1.8       2.0       2.0         Vincent Reinhart       Morgan Stanley       1.4       1.0       1.8       2.3       2.2         Ian Shepherdson       Pantheon Macroeconomics       1.2       0.7       2.0       2.0       2.5         John Silvia       Wells Fargo & Co.       1.6       1.3       2.2       2.4       2.4         Allen Sinai       Decision Economics, Inc.       1.4       1.2       1.1       1.3       1.5         James F. Smith       Parsec Financial Management       1.4       1.6       1.8       1.7       1.4         Sean M. Snaith       University of Central Florida       1.6       1.2       1.4       1.6       1.8         Sung Won Sohn       California State University       1.3       1.5       1.6       1.7       1.8         Neal Soss       CSFB       1.4       0.4       1.4       -       -         Stephen Stanley       Pi		•					
Dr. Joel Prakken/ Chris Varvares       Macroeconomic Advisers       1.7       1.4       1.3       1.8       2.1         Arun Raha       Eaton Corp.       1.7       1.8       1.8       2.0       2.0         Vincent Reinhart       Morgan Stanley       1.4       1.0       1.8       2.3       2.2         Ian Shepherdson       Pantheon Macroeconomics       1.2       0.7       2.0       2.0       2.5         John Silvia       Wells Fargo & Co.       1.6       1.3       2.2       2.4       2.4         Allen Sinai       Decision Economics, Inc.       1.4       1.2       1.1       1.3       1.5         James F. Smith       Parsec Financial Management       1.4       1.6       1.8       1.7       1.4         Sean M. Snaith       University of Central Florida       1.6       1.2       1.4       1.6       1.8         Sung Won Sohn       California State University       1.3       1.5       1.6       1.7       1.8         Neal Soss       CSFB       1.4       0.4       1.4       -       -       -         Stephen Stanley       Pierpont Securities       1.2       1.0       2.5       3.0       3.2         Susan M. Sterne							
Arun Raha       Eaton Corp.       1.7       1.8       1.8       2.0       2.0         Vincent Reinhart       Morgan Stanley       1.4       1.0       1.8       2.3       2.2         Ian Shepherdson       Pantheon Macroeconomics       1.2       0.7       2.0       2.0       2.5         John Silvia       Wells Fargo & Co.       1.6       1.3       2.2       2.4       2.4         Allen Sinai       Decision Economics, Inc.       1.4       1.2       1.1       1.3       1.5         James F. Smith       Parsec Financial Management       1.4       1.6       1.8       1.7       1.4         Sean M. Snaith       University of Central Florida       1.6       1.2       1.4       1.6       1.8         Sung Won Sohn       California State University       1.3       1.5       1.6       1.7       1.8         Neal Soss       CSFB       1.4       0.4       1.4       -       -       -         Stephen Stanley       Pierpont Securities       1.2       1.0       2.5       3.0       3.2         Susan M. Sterne       Economic Analysis Associates Inc.       2.0       1.6       1.7       1.8       1.5         Diane Swonk <td< td=""><td></td><td>· , ,</td><td></td><td></td><td></td><td></td><td></td></td<>		· , ,					
Vincent Reinhart       Morgan Stanley       1.4       1.0       1.8       2.3       2.2         Ian Shepherdson       Pantheon Macroeconomics       1.2       0.7       2.0       2.0       2.5         John Silvia       Wells Fargo & Co.       1.6       1.3       2.2       2.4       2.4         Allen Sinai       Decision Economics, Inc.       1.4       1.2       1.1       1.3       1.5         James F. Smith       Parsec Financial Management       1.4       1.6       1.8       1.7       1.4         Sean M. Snaith       University of Central Florida       1.6       1.2       1.4       1.6       1.8         Sung Won Sohn       California State University       1.3       1.5       1.6       1.7       1.8         Neal Soss       CSFB       1.4       0.4       1.4       -       -       -         Neal Soss       CSFB       1.4       0.4       1.4       -       -       -         Neal Soss       CSFB       1.4       0.4       1.4       -       -       -         Stephen Stanley       Pierpont Securities       1.2       1.0       2.5       3.0       3.2         Susan M. Sterne       Economic An	•						
Ian Shepherdson       Pantheon Macroeconomics       1.2       0.7       2.0       2.0       2.5         John Silvia       Wells Fargo & Co.       1.6       1.3       2.2       2.4       2.4         Allen Sinai       Decision Economics, Inc.       1.4       1.2       1.1       1.3       1.5         James F. Smith       Parsec Financial Management       1.4       1.6       1.8       1.7       1.4         Sean M. Snaith       University of Central Florida       1.6       1.2       1.4       1.6       1.8         Sung Won Sohn       California State University       1.3       1.5       1.6       1.7       1.8         Neal Soss       CSFB       1.4       0.4       1.4       —       —         Stephen Stanley       Pierpont Securities       1.2       1.0       2.5       3.0       3.2         Susan M. Sterne       Economic Analysis Associates Inc.       2.0       1.6       1.7       1.8       1.5         Diane Swonk       Mesirow Financial       1.3       0.8       1.7       2.2       2.3         Carl Tannenbaum       The Northern Trust       1.6       1.2       2.0       2.2       2.3         Brian S. Wesbury/ Robert Stein </td <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td>		•					
John Silvia       Wells Fargo & Co.       1.6       1.3       2.2       2.4       2.4         Allen Sinai       Decision Economics, Inc.       1.4       1.2       1.1       1.3       1.5         James F. Smith       Parsec Financial Management       1.4       1.6       1.8       1.7       1.4         Sean M. Snaith       University of Central Florida       1.6       1.2       1.4       1.6       1.8         Sung Won Sohn       California State University       1.3       1.5       1.6       1.7       1.8         Neal Soss       CSFB       1.4       0.4       1.4       —       —         Stephen Stanley       Pierpont Securities       1.2       1.0       2.5       3.0       3.2         Susan M. Sterne       Economic Analysis Associates Inc.       2.0       1.6       1.7       1.8       1.5         Diane Swonk       Mesirow Financial       1.3       0.8       1.7       2.2       2.3         Carl Tannenbaum       The Northern Trust       1.6       1.2       2.0       2.2       2.3         Bart van Ark       The Conference Board       1.4       1.0       1.7       2.0       2.0         Brian S. Wesbury/ Robert Stein							
Allen Sinai Decision Economics, Inc. 1.4 1.2 1.1 1.3 1.5 James F. Smith Parsec Financial Management 1.4 1.6 1.8 1.7 1.4 Sean M. Snaith University of Central Florida 1.6 1.2 1.4 1.6 1.8 Sung Won Sohn California State University 1.3 1.5 1.6 1.7 1.8 Neal Soss CSFB 1.4 0.4 1.4 — — Stephen Stanley Pierpont Securities 1.2 1.0 2.5 3.0 3.2 Susan M. Sterne Economic Analysis Associates Inc. 2.0 1.6 1.7 1.8 1.5 Diane Swonk Mesirow Financial 1.3 0.8 1.7 2.2 2.3 Carl Tannenbaum The Northern Trust 1.6 1.2 2.0 2.2 2.3 Bart van Ark The Conference Board 1.4 1.0 1.7 2.0 2.0 Brian S. Wesbury/ Robert Stein First Trust Advisors, L.P. 1.5 1.5 2.4 2.6 2.8 William T. Wilson The Heritage Foundation 2.0 1.8 2.0 2.2 2.3	•						
James F. Smith       Parsec Financial Management       1.4       1.6       1.8       1.7       1.4         Sean M. Snaith       University of Central Florida       1.6       1.2       1.4       1.6       1.8         Sung Won Sohn       California State University       1.3       1.5       1.6       1.7       1.8         Neal Soss       CSFB       1.4       0.4       1.4       —       —         Stephen Stanley       Pierpont Securities       1.2       1.0       2.5       3.0       3.2         Susan M. Sterne       Economic Analysis Associates Inc.       2.0       1.6       1.7       1.8       1.5         Diane Swonk       Mesirow Financial       1.3       0.8       1.7       2.2       2.3         Carl Tannenbaum       The Northern Trust       1.6       1.2       2.0       2.2       2.3         Bart van Ark       The Conference Board       1.4       1.0       1.7       2.0       2.0         Brian S. Wesbury/ Robert Stein       First Trust Advisors, L.P.       1.5       1.5       2.4       2.6       2.8         William T. Wilson       The Heritage Foundation       2.0       1.8       2.0       2.2       2.3							
Sean M. Snaith         University of Central Florida         1.6         1.2         1.4         1.6         1.8           Sung Won Sohn         California State University         1.3         1.5         1.6         1.7         1.8           Neal Soss         CSFB         1.4         0.4         1.4         —         —           Stephen Stanley         Pierpont Securities         1.2         1.0         2.5         3.0         3.2           Susan M. Sterne         Economic Analysis Associates Inc.         2.0         1.6         1.7         1.8         1.5           Diane Swonk         Mesirow Financial         1.3         0.8         1.7         2.2         2.3           Carl Tannenbaum         The Northern Trust         1.6         1.2         2.0         2.2         2.3           Bart van Ark         The Conference Board         1.4         1.0         1.7         2.0         2.0           Brian S. Wesbury/ Robert Stein         First Trust Advisors, L.P.         1.5         1.5         2.4         2.6         2.8           William T. Wilson         The Heritage Foundation         2.0         1.8         2.0         2.2         2.3	Allen Sinai	Decision Economics, Inc.					
Sung Won Sohn       California State University       1.3       1.5       1.6       1.7       1.8         Neal Soss       CSFB       1.4       0.4       1.4       —       —         Stephen Stanley       Pierpont Securities       1.2       1.0       2.5       3.0       3.2         Susan M. Sterne       Economic Analysis Associates Inc.       2.0       1.6       1.7       1.8       1.5         Diane Swonk       Mesirow Financial       1.3       0.8       1.7       2.2       2.3         Carl Tannenbaum       The Northern Trust       1.6       1.2       2.0       2.2       2.3         Bart van Ark       The Conference Board       1.4       1.0       1.7       2.0       2.0         Brian S. Wesbury/ Robert Stein       First Trust Advisors, L.P.       1.5       1.5       2.4       2.6       2.8         William T. Wilson       The Heritage Foundation       2.0       1.8       2.0       2.2       2.3	James F. Smith	<u> </u>				1.7	
Neal Soss         CSFB         1.4         0.4         1.4         —         —           Stephen Stanley         Pierpont Securities         1.2         1.0         2.5         3.0         3.2           Susan M. Sterne         Economic Analysis Associates Inc.         2.0         1.6         1.7         1.8         1.5           Diane Swonk         Mesirow Financial         1.3         0.8         1.7         2.2         2.3           Carl Tannenbaum         The Northern Trust         1.6         1.2         2.0         2.2         2.3           Bart van Ark         The Conference Board         1.4         1.0         1.7         2.0         2.0           Brian S. Wesbury/ Robert Stein         First Trust Advisors, L.P.         1.5         1.5         2.4         2.6         2.8           William T. Wilson         The Heritage Foundation         2.0         1.8         2.0         2.2         2.3	Sean M. Snaith	University of Central Florida	1.6		1.4	1.6	1.8
Stephen Stanley         Pierpont Securities         1.2         1.0         2.5         3.0         3.2           Susan M. Sterne         Economic Analysis Associates Inc.         2.0         1.6         1.7         1.8         1.5           Diane Swonk         Mesirow Financial         1.3         0.8         1.7         2.2         2.3           Carl Tannenbaum         The Northern Trust         1.6         1.2         2.0         2.2         2.3           Bart van Ark         The Conference Board         1.4         1.0         1.7         2.0         2.0           Brian S. Wesbury/ Robert Stein         First Trust Advisors, L.P.         1.5         1.5         2.4         2.6         2.8           William T. Wilson         The Heritage Foundation         2.0         1.8         2.0         2.2         2.3	Sung Won Sohn	California State University	1.3	1.5	1.6	1.7	1.8
Susan M. Sterne         Economic Analysis Associates Inc.         2.0         1.6         1.7         1.8         1.5           Diane Swonk         Mesirow Financial         1.3         0.8         1.7         2.2         2.3           Carl Tannenbaum         The Northern Trust         1.6         1.2         2.0         2.2         2.3           Bart van Ark         The Conference Board         1.4         1.0         1.7         2.0         2.0           Brian S. Wesbury/ Robert Stein         First Trust Advisors, L.P.         1.5         1.5         2.4         2.6         2.8           William T. Wilson         The Heritage Foundation         2.0         1.8         2.0         2.2         2.3	Neal Soss	CSFB	1.4	0.4	1.4	_	_
Diane Swonk       Mesirow Financial       1.3       0.8       1.7       2.2       2.3         Carl Tannenbaum       The Northern Trust       1.6       1.2       2.0       2.2       2.3         Bart van Ark       The Conference Board       1.4       1.0       1.7       2.0       2.0         Brian S. Wesbury/ Robert Stein       First Trust Advisors, L.P.       1.5       1.5       2.4       2.6       2.8         William T. Wilson       The Heritage Foundation       2.0       1.8       2.0       2.2       2.3	Stephen Stanley	Pierpont Securities	1.2	1.0	2.5	3.0	3.2
Carl Tannenbaum       The Northern Trust       1.6       1.2       2.0       2.2       2.3         Bart van Ark       The Conference Board       1.4       1.0       1.7       2.0       2.0         Brian S. Wesbury/ Robert Stein       First Trust Advisors, L.P.       1.5       1.5       2.4       2.6       2.8         William T. Wilson       The Heritage Foundation       2.0       1.8       2.0       2.2       2.3	Susan M. Sterne	Economic Analysis Associates Inc.	2.0	1.6	1.7	1.8	1.5
Bart van ArkThe Conference Board1.41.01.72.02.0Brian S. Wesbury/ Robert SteinFirst Trust Advisors, L.P.1.51.52.42.62.8William T. WilsonThe Heritage Foundation2.01.82.02.22.3	Diane Swonk	Mesirow Financial	1.3	0.8	1.7	2.2	2.3
Brian S. Wesbury/ Robert Stein First Trust Advisors, L.P. 1.5 1.5 2.4 2.6 2.8 William T. Wilson The Heritage Foundation 2.0 1.8 2.0 2.2 2.3	Carl Tannenbaum	The Northern Trust	1.6	1.2	2.0	2.2	2.3
William T. Wilson The Heritage Foundation 2.0 1.8 2.0 2.2 2.3	Bart van Ark	The Conference Board	1.4	1.0	1.7	2.0	2.0
· · · · · · · · · · · · · · · · · · ·	Brian S. Wesbury/ Robert Stein	First Trust Advisors, L.P.	1.5	1.5	2.4	2.6	2.8
Lawrence Yun National Association of Realtors 1.4 2.8 3.1 3.3 3.5	William T. Wilson	The Heritage Foundation	2.0	1.8	2.0	2.2	2.3
	Lawrence Yun	National Association of Realtors	1.4	2.8	3.1	3.3	3.5

Averages: 1.4 % 1.1 % 1.9 % 2.2 % 2.3 %

Source: wsj.com, January 7, 2015

# **HVS**

As the preceding table indicates, the financial analysts who were surveyed in December of 2014 anticipated inflation rates ranging from -0.7% to 2.8% (on an annualized basis) for June 2015; the average of these data points was 1.1%. The same group expects annualized inflation rates of 1.9% and 2.2% for December 2015 and June 2016, respectively, slightly lower than the inflation rate averages for December 2016, shown at 2.3%.

As a further check on these inflation projections, we have reviewed historical increases in the Consumer Price Index (CPI-U). Because the value of real estate is predicated on cash flows over a relatively long period, inflation should be considered from a long-term perspective.

FIGURE 9-7 NATIONAL CONSUMER PRICE INDEX (ALL URBAN CONSUMERS

	National Consumer	Percent Change
Year	Price Index	from Previous Year
2004	188.9	_
2005	195.3	3.4 %
2006	201.6	3.2
2007	207.3	2.8
2008	215.3	3.8
2009	214.5	-0.4
2010	218.1	1.6
2011	224.9	3.1
2012	229.6	2.1
2013	233.0	1.5
2014	234.8	0.8
Average Annu	al Compounded Change	
2	2004 - 2014:	2.2 %
2	2009 - 2014:	1.8
	Source: Bureau of Labor	Statistics

Between 2004 and 2014, the national CPI increased at an average annual compounded rate of 2.2%; from 2009 to 2014, the CPI rose by a slightly lower average annual compounded rate of 1.8%. In 2014, the CPI rose by 0.8%, a decrease from the level of 1.5% recorded in 2013.

In consideration of the most recent trends, the projections set forth previously, and our assessment of probable property appreciation levels, we have applied an underlying inflation rate of 2.0% in 2015, 2.5% in 2016, and 3.0% in 2017 and thereafter. This stabilized inflation rate takes into account normal, recurring inflation cycles. Inflation is likely to fluctuate above and below this level during the



Summary of Projections projection period. Any exceptions to the application of the assumed underlying inflation rate are discussed in our write-up of individual income and expense items.

Based on an analysis that will be detailed throughout this section, we have formulated a forecast of income and expense. The following table presents a forecast through the first several projection years, including amounts per available room and per occupied room. The second table illustrates our ten-year forecast of income and expense, presented with a lesser degree of detail. The forecasts pertain to years that begin on June 1, 2015, expressed in inflated dollars for each year.

#### FIGURE 9-8 FORECAST OF INCOME AND EXPENSE AND TRAILING-12-MONTH OPERATING HISTORY

_	Hi	storical Ope	rating Resul	ts																				
	2014/15	Fiscal Year	Ending April		2015/16				2016/17				Stabilized				2018/19				2019/20			
Number of Rooms:	169				169				169				169				169				169			
Occupancy (Paid Rooms):	59%				62%				65%				67%				67%				67%			
Average Rate:	\$102.26				\$106.61				\$111.18				\$115.16				\$118.61				\$122.17			
RevPAR:	\$60.26				\$66.10				\$72.27				\$77.16				\$79.47				\$81.85			
Days Open:	365				365				365				365				365				365			
Occupied Rooms (Paid):	36,349	%Gross	PAR	POR	38,245	%Gross	PAR	POR	40,095	%Gross	PAR	POR	41,329	%Gross	PAR	POR	41,329	%Gross	PAR	POR	41,329	%Gross	PAR	POR
OPERATING REVENUE																								
Rooms	\$3,717	91.0 %	\$21,995	\$102.26	\$4,077	91.3 %	\$24,124	\$106.60	\$4,458	91.6 %	\$26,379	\$111.19	\$4,759	91.7 %	\$28,160	\$115.15	\$4,902	91.7 %	\$29,006	\$118.61	\$5,049	91.7 %	\$29,876	\$122.17
Food & Beverage	309	7.6	1,829	8.50	328	7.4	1,943	8.59	349	7.2	2,065	8.70	368	7.1	2,177	8.90	379	7.1	2,242	9.17	390	7.1	2,309	9.44
Other Operated Departments	50	1.2	296	1.37	52	1.2	307	1.36	54	1.1	319	1.35	56	1.1	332	1.36	58	1.1	342	1.40	60	1.1	352	1.44
Miscellaneous Income	6	0.2	38	0.18	7	0.1	39	0.17	7	0.1	41	0.17	7	0.1	43	0.17	7	0.1	44	0.18	8	0.1	45	0.18
Total Operating Revenues	4,083	100.0	24,158	112.32	4,464	100.0	26,413	116.72	4,868	100.0	28,803	121.41	5,190	100.0	30,711	125.58	5,346	100.0	31,634	129.36	5,506	100.0	32,582	133.23
DEPARTMENTAL EXPENSES *																								
Rooms	752	20.2	4,451	20.69	940	23.1	5,562	24.58	983	22.0	5,815	24.51	1,025	21.5	6,067	24.81	1,056	21.5	6,249	25.55	1,088	21.5	6,437	26.32
Food & Beverage	280	90.6	1,657	7.70	303	92.3	1,793	7.92	320	91.8	1,896	7.99	334	90.7	1,975	8.07	344	90.7	2,034	8.32	354	90.7	2,095	8.57
Other Operated Departments	43	86.8	256	1.19	45	85.8	263	1.16	46	85.0	271	1.14	47	84.4	280	1.15	49	84.4	289	1.18	50	84.4	297	1.22
Total	1,075	26.3	6,364	29.59	1,287	28.8	7,618	33.66	1,349	27.7	7,982	33.64	1,406	27.1	8,322	34.03	1,449	27.1	8,572	35.05	1,492	27.1	8,829	36.10
DEPARTMENTAL INCOME	3,007	73.7	17,794	82.73	3,176	71.2	18,795	83.05	3,519	72.3	20,821	87.76	3,784	72.9	22,389	91.55	3,898	72.9	23,062	94.30	4,014	72.9	23,754	97.13
UNDISTRIBUTED OPERATING EXPENSES																								
Administrative & General	261	6.4	1,543	7.17	341	7.6	2,020	8.93	356	7.3	2,106	8.88	370	7.1	2,190	8.95	381	7.1	2,256	9.22	393	7.1	2,323	9.50
Marketing	164	4.0	970	4.51	170	3.8	1,008	4.46	178	3.6	1,051	4.43	185	3.6	1,093	4.47	190	3.6	1,126	4.60	196	3.6	1,160	4.74
Franchise Fee	260	6.4	1,541	7.16	306	6.9	1,809	8.00	334	6.9	1,978	8.34	357	6.9	2,112	8.64	368	6.9	2,175	8.90	379	6.9	2,241	9.16
Prop. Operations & Maint.	220	5.4	1,303	6.06	229	5.1	1,355	5.99	239	4.9	1,412	5.95	248	4.8	1,469	6.01	256	4.8	1,513	6.19	263	4.8	1,558	6.37
Utilities	233	5.7	1,380	6.42	243	5.4	1,435	6.34	253	5.2	1,496	6.30	263	5.1	1,556	6.36	271	5.1	1,602	6.55	279	5.1	1,650	6.75
Total	1,138	27.9	6,736	31.32	1,289	28.8	7,628	33.71	1,359	27.9	8,043	33.90	1,423	27.5	8,419	34.43	1,466	27.5	8,672	35.46	1,509	27.5	8,932	36.52
GROSS HOUSE PROFIT	1,869	45.8	11,057	51.41	1,887	42.4	11,167	49.34	2,160	44.4	12,778	53.86	2,361	45.4	13,970	57.13	2,432	45.4	14,390	58.84	2,505	45.4	14,822	60.61
Management Fee	120	2.9	710	3.30	134	3.0	792	3.50	146	3.0	864	3.64	156	3.0	921	3.77	160	3.0	949	3.88	165	3.0	977	4.00
INCOME BEFORE NON-OPER. INC. & EXP.	1,749	42.8	10,347	48.11	1,753	39.4	10,374	45.84	2,014	41.4	11,914	50.22	2,205	42.4	13,049	53.36	2,272	42.4	13,441	54.96	2,340	42.4	13,844	56.61
NON-OPERATING INCOME AND EXPENSE																								
Property Taxes	113	2.8	669	3.11	119	2.7	704	3.11	125	2.6	739	3.11	129	2.5	761	3.11	132	2.5	784	3.21	136	2.5	807	3.30
Insurance	83	2.0	493	2.29	85	1.9	503	2.22	87	1.8	516	2.18	90	1.7	532	2.17	93	1.7	547	2.24	95	1.7	564	2.31
Miscellaneous	6	0.1	33	0.15	6	0.1	33	0.15	6	0.1	34	0.14	6	0.1	35	0.14	6	0.1	36	0.15	6	0.1	37	0.15
Reserve for Replacement	0	0.0	0	0.00	223	5.0	1,321	5.84	243	5.0	1,440	6.07	260	5.0	1,536	6.28	267	5.0	1,582	6.47	275	5.0	1,629	6.66
Total	202	4.9	1,194	5.55	433	9.7	2,562	11.32	461	9.5	2,729	11.50	484	9.3	2,863	11.71	498	9.3	2,949	12.06	513	9.3	3,038	12.42
EBITDA LESS RESERVE	\$1,547	37.9 %	\$9,153	\$42.56	\$1,320	29.7 %	\$7,813	\$34.52	\$1,552	31.9 %	\$9,185	\$38.71	\$1,721	33.1 %	\$10,185	\$41.65	\$1,773	33.1 %	\$10,492	\$42.90	\$1,826	33.1 %	\$10,807	\$44.19

\*Departmental expenses are expressed as a percentage of departmental revenues.

NOI adjusted to reflect a

3.0% mgmt fee and a 5.0% reserve \$1,340 32.8 %

FIGURE 9-9 TEN-YEAR FORECAST OF INCOME AND EXPENSE

	2015/16		2016,	17	2017/	<b>1</b> 18	2018/	19	2019/	20	2020/	<b>'21</b>	2021/	22	2022/	23	2023/	24	2024/	/25
Number of Rooms:	169		169		169	169			169	169		169			169		169		169	
Occupied Rooms:	38,245		40,095		41,329		41,329		41,329		41,329		41,329		41,329		41,329		41,329	
Occupancy:	62%		65%		67%		67%		67%		67%		67%		67%		67%		67%	
Average Rate:	\$106.61	% of	\$111.18	% of	\$115.16	% of	\$118.61	% of	\$122.17	% of	\$125.84	% of	\$129.61	% of	\$133.50	% of	\$137.50	% of	\$141.63	% of
RevPAR:	\$66.10	Gross	\$72.27	Gross	\$77.16	Gross	\$79.47	Gross	\$81.85	Gross	\$84.31	Gross	\$86.84	Gross	\$89.44	Gross	\$92.13	Gross	\$94.89	Gross
OPERATING REVENUE																				
Rooms	\$4,077	91.3 %	\$4,458	91.6 %	\$4,759	91.7 %	\$4,902	91.7 %	\$5,049	91.7 %	\$5,201	91.7 %	\$5,357	91.7 %	\$5,517	91.7 %	\$5,683	91.7 %	\$5,853	91.7 %
Food & Beverage	328	7.4	349	7.2	368	7.1	379	7.1	390	7.1	402	7.1	414	7.1	426	7.1	439	7.1	452	7.1
Other Operated Departments	52	1.2	54	1.1	56	1.1	58	1.1	60	1.1	61	1.1	63	1.1	65	1.1	67	1.1	69	1.1
Miscellaneous Income	7	0.1	7	0.1	7	0.1	7	0.1	8	0.1	8	0.1	8	0.1	8	0.1	9	0.1	9	0.1
Total Operating Revenue	4,464	100.0	4,868	100.0	5,190	100.0	5,346	100.0	5,506	100.0	5,672	100.0	5,842	100.0	6,017	100.0	6,198	100.0	6,383	100.0
DEPARTMENTAL EXPENSES*																				
Rooms	940	23.1	983	22.0	1,025	21.5	1,056	21.5	1,088	21.5	1,120	21.5	1,154	21.5	1,189	21.5	1,224	21.5	1,261	21.5
Food & Beverage	303	92.3	320	91.8	334	90.7	344	90.7	354	90.7	365	90.7	376	90.7	387	90.7	398	90.7	410	90.7
Other Operated Departments	45	85.8	46	85.0	47	84.4	49	84.4	50	84.4	52	84.4	53	84.4	55	84.4	57	84.4	58	84.4
Total	1,287	28.8	1,349	27.7	1,406	27.1	1,449	27.1	1,492	27.1	1,537	27.1	1,583	27.1	1,630	27.1	1,679	27.1	1,730	27.1
DEPARTMENTAL INCOME	3,176	71.2	3,519	72.3	3,784	72.9	3,898	72.9	4,014	72.9	4,135	72.9	4,259	72.9	4,386	72.9	4,519	72.9	4,654	72.9
UNDISTRIBUTED OPERATING EXPENSES																				
Administrative & General	341	7.6	356	7.3	370	7.1	381	7.1	393	7.1	404	7.1	417	7.1	429	7.1	442	7.1	455	7.1
Marketing	170	3.8	178	3.6	185	3.6	190	3.6	196	3.6	202	3.6	208	3.6	214	3.6	221	3.6	227	3.6
Franchise Fee	306	6.9	334	6.9	357	6.9	368	6.9	379	6.9	390	6.9	402	6.9	414	6.9	426	6.9	439	6.9
Prop. Operations & Maint.	229	5.1	239	4.9	248	4.8	256	4.8	263	4.8	271	4.8	279	4.8	288	4.8	296	4.8	305	4.8
Utilities	243	5.4	253	5.2	263	5.1	271	5.1	279	5.1	287	5.1	296	5.1	305	5.1	314	5.1	323	5.1
Total	1,289	28.8	1,359	27.9	1,423	27.5	1,466	27.5	1,509	27.5	1,555	27.5	1,601	27.5	1,649	27.5	1,699	27.5	1,750	27.5
GROSS HOUSE PROFIT	1,887	42.4	2,160	44.4	2,361	45.4	2,432	45.4	2,505	45.4	2,580	45.4	2,658	45.4	2,737	45.4	2,820	45.4	2,904	45.4
Management Fee	134	3.0	146	3.0	156	3.0	160	3.0	165	3.0	170	3.0	175	3.0	181	3.0	186	3.0	191	3.0
INCOME BEFORE NON-OPER. INC. & EXP.	1,753	39.4	2,014	41.4	2,205	42.4	2,272	42.4	2,340	42.4	2,410	42.4	2,483	42.4	2,557	42.4	2,634	42.4	2,712	42.4
NON-OPERATING INCOME AND EXPENSE																				
Property Taxes	119	2.7	125	2.6	129	2.5	132	2.5	136	2.5	141	2.5	145	2.5	149	2.5	154	2.5	158	2.5
Insurance	85	1.9	87	1.8	90	1.7	93	1.7	95	1.7	98	1.7	101	1.7	104	1.7	107	1.7	110	1.7
Miscellaneous	6	0.1	6	0.1	6	0.1	6	0.1	6	0.1	7	0.1	7	0.1	7	0.1	7	0.1	7	0.1
Reserve for Replacement	223	5.0	243	5.0	260	5.0	267	5.0	275	5.0	284	5.0	292	5.0	301	5.0	310	5.0	319	5.0
Total	433	9.7	461	9.5	484	9.3	498	9.3	513	9.3	529	9.3	545	9.3	561	9.3	578	9.3	595	9.3
EBITDA LESS RESERVE	\$1,320	29.7 %	\$1,552	31.9 %	\$1,721	33.1 %	\$1,773	33.1 %	\$1,826	33.1 %	\$1,882	33.1 %	\$1,938	33.1 %	\$1,996	33.1 %	\$2,056	33.1 %	\$2,117	33.1 %

<sup>\*</sup>Departmental expenses are expressed as a percentage of departmental revenues.



# Forecast of Income and Expense

The following description sets forth the basis for the forecast of income and expense. We anticipate that it will take three years for the subject property to reach a stabilized level of operation. Each revenue and expense item has been forecast based upon our review of the subject property's operating history, operating budget, and comparable income and expense statements. The forecast begins on June 1, 2015, expressed in inflated dollars for each year.

#### **Rooms Revenue**

Rooms revenue is determined by two variables: occupancy and average rate. We projected occupancy and average rate in a previous section of this report. The subject property is expected to stabilize at 67.0% with an average rate of \$115.16 in 2017/18. Following the stabilized year, the subject property's average rate is projected to increase along with the underlying rate of inflation.

# Food and Beverage Revenue

In the case of the Courtyard by Marriott Ocala, the hotel's outlet offerings (a restaurant and lounge) serve as a source of revenue as well as an amenity that assists in the sale of guestrooms. In addition to this offering, banquet space at the subject property spans 3,062 square feet.

In 2014/15, total food and beverage revenue equated to 7.6% of total revenue or \$8.50 per occupied room. The comparable statements illustrate food revenue ranging between 7.6% and 10.5% of rooms revenue, or \$8.20 and \$9.99 per occupied room. Total food and beverage revenue has been forecast at 7.4% of total revenue and \$8.59 per occupied room in year one, stabilizing at 7.1% of total revenue and \$8.90 per occupied room.

# Other Operated Departments Revenue

According to the Uniform System of Accounts, other operated departments include any major or minor operated department other than rooms and food and beverage.

In the 2014/15 base year, other operated departments revenue equated to 1.3% of rooms revenue, or \$1.37 per occupied room. The comparable operating statements illustrate Revenue - Other Operated Departments ranging from 1.5% to 1.6% of rooms revenue and \$1.49 to \$1.79 per occupied room. We forecast the subject property's other operated departments revenue at 1.3% of rooms revenue or \$1.36 per occupied room in year one, stabilizing at 1.2% of rooms revenue or \$1.36 per occupied room.

#### Miscellaneous Income

In 2014/15, the subject property's miscellaneous income equated to 0.2% of rooms revenue or \$0.18 per occupied room. Miscellaneous income revenue for the comparables ranged from 0.0% to 0.5% of rooms revenue or \$0.02 to \$0.55 per occupied room. We forecast the subject property's miscellaneous income at 0.2% of rooms revenue or \$0.17 per occupied room in year one, stabilizing at 0.2% of rooms revenue or \$0.17 per occupied room.

# **HVS**

#### **Rooms Expense**

Rooms expense consists of items related to the sale and upkeep of guestrooms and public space. Salaries, wages, and employee benefits account for a substantial portion of this category. Although payroll varies somewhat with occupancy and managers can generally scale the level of service staff on hand to meet an expected occupancy level, a base level of front desk personnel, housekeepers, and supervisors must be maintained at all times. As a result, salaries, wages, and employee benefits are moderately sensitive to changes in occupancy.

Commissions and reservations are usually based on room sales and, thus, are highly sensitive to changes in occupancy and average rate. While guest supplies vary 100% with occupancy, linens and other operating expenses are only slightly affected by volume.

In 2014/15, rooms expense for the subject property equated to 20.2% of rooms revenue, or \$20.69 per occupied room. The comparables illustrated rooms expense ranging between 20.4% and 24.4% of rooms revenue, or \$21.64 and \$26.28 per occupied room. We have adjusted rooms expense upward during the initial forecast period, above the underlying inflationary rate, in order to maintain an appropriate level of expense as a percentage of departmental revenue in light of the hotel's established operating history. Higher expenses are expected for departmental costs such as reservation fees, staffing levels, and supply needs, among other factors, and our expense forecast reflects this likelihood. We have projected rooms expense for the subject property at 23.1% or \$24.58 per occupied room in year one, stabilizing at 21.5% or \$24.81 per occupied room.

#### Food and Beverage Expense

Food and beverage expense is associated with the generation of food and beverage revenue in a hotel's restaurant and lounge outlets, as well as its banquet and meeting facilities. The cost of food and beverage is directly correlated to food and beverage revenue, while food and beverage payroll expense is moderately fixed. The cost of items such as china, linens, and uniforms are less dependent on volume.

In 2014/15, the subject property's food and beverage expense equated to 90.6% of food and beverage revenue. The comparables illustrate food and beverage expense ranging between 65.4% and 90.7% of food and beverage revenue. We have adjusted food and beverage expense upward during the initial forecast period, above the underlying inflationary rate, in order to maintain an appropriate level of expense as a percentage of departmental revenue in light of the hotel's established operating history. Food and beverage expense has been forecast at 92.3% in year one, stabilizing at 90.7%.



# Other Operated Departments Expense

# Other operated departments expense comprises expenses associated with the hotel's various other and minor operated departments. Other operated departments expense equated to 86.8% of departmental revenue and \$1.19 per occupied room in 2014/15. The expense ranges from \$0.75 to \$1.37 per occupied room for the comparables. We have forecast other operated departments expense at 85.8% of departmental revenue or \$1.16 per occupied room in year one, stabilizing at 84.4% of departmental revenue or \$1.15 per occupied room.

#### Administrative and General Expense

Administrative and general expense includes the salaries and wages of all administrative personnel who are not directly associated with a particular department. Expense items related to the management and operation of the property are also allocated to this category.

Most administrative and general expenses are relatively fixed. The exceptions are cash overages and shortages; commissions on credit card charges; provision for doubtful accounts, which are moderately affected by the number of transactions or total revenue; and salaries, wages, and benefits, which are very slightly influenced by volume.

In 2014/15, the subject property's administrative and general expense equated to 6.4% of total revenue or \$1,543 per available room. For the comparables, this expense ranges from 6.4% to 12.8% of total revenue or \$1,866 to \$3,687 per available room. Based upon our review of comparable operating statements and the operating history of the subject property, we have adjusted the administrative and general line item upward. Currently, ownership benefits from owning three hotels within a mile of one another; therefore, we have assumed that new ownership would not benefit from some of the streamlined expenses. Administrative and general expense has been forecast at 7.6% of total revenue or \$2,020 per available room in year one, stabilizing at 7.1% of total revenue or \$2,190 per available room.

Information and Telecommunications Systems Expense Information and telecommunications systems expense consists of all costs associated with a hotel's technology infrastructure. This includes the costs of cell phones, administrative call and Internet services, and complimentary call and Internet services. Expenses in this category are typically organized by type of technology, or the area benefitting from the technology solution. The subject property is not reporting information and telecommunications systems as a separate line item at this time. Therefore, we have not forecast an expense in this line item going forward. We assume that all information and telecommunications systems expenses are accounted for in the other line items of the hotel's operating statement.

# <u>ĤVS</u>

#### **Marketing Expense**

Marketing expense consists of all costs associated with advertising, sales, and promotion; these activities are intended to attract and retain customers. Marketing can be used to create an image, develop customer awareness, and stimulate patronage of a property's various facilities.

The marketing category is unique in that all expense items, with the exception of fees and commissions, are totally controlled by management. Most hotel operators establish an annual marketing budget that sets forth all planned expenditures. If the budget is followed, total marketing expenses can be projected accurately.

Marketing expenditures are unusual because although there is a lag period before results are realized, the benefits are often extended over a long period. Depending on the type and scope of the advertising and promotion program implemented, the lag time can be as short as a few weeks or as long as several years. However, the favorable results of an effective marketing campaign tend to linger, and a property often enjoys the benefits of concentrated sales efforts for many months.

In 2014/15, marketing expense for the subject property equated to 4.0% of total revenue or \$970 per available room. This expense for the comparables ranged from 7.4% to 8.6% of total revenue or \$2,052 to \$2,328 per available room. Marketing expense has been projected at 3.8% of total revenue or \$1,008 per available room in year one, stabilizing at 3.6% of total revenue or \$1,093 per available room.

#### Franchise Fee

The subject property is assumed to operate as a Courtyard by Marriott throughout the projection period. The costs of the Courtyard by Marriott affiliation are reflected in our forecast and comprise a 5.5% royalty fee and a 2% advertising assessment. Other charges related to the affiliation, such as frequent guest programs, are reflected in the appropriate departmental expenses, consistent with the Uniform System of Accounts for the Lodging Industry (USALI).

Marketing expense and franchise fees are often analyzed in total because hotels may account for some components of franchise expense in the marketing expense category. The subject property's total marketing and franchise expense has been forecast at 10.5% of total revenue on a stabilized basis, which compares with a total for the comparables ranging from 7.4% to 15.7% of total revenue.

# Property Operations and Maintenance

Property operations and maintenance expense is another expense category that is largely controlled by management. Except for repairs that are necessary to keep the facility open and prevent damage (e.g., plumbing, heating, and electrical items), most maintenance can be deferred for varying lengths of time.

Maintenance is an accumulating expense. If management elects to postpone performing a required repair, they have not eliminated or saved the expenditure; they have only deferred payment until a later date. A lodging facility that operates with a lower-than-normal maintenance budget is likely to accumulate a considerable amount of deferred maintenance.

The age of a lodging facility has a strong influence on the required level of maintenance. A new or thoroughly renovated property is protected for several years by modern equipment and manufacturers' warranties. However, as a hostelry grows older, maintenance expenses escalate. A well-organized preventive maintenance system often helps delay deterioration, but most facilities face higher property operations and maintenance costs each year, regardless of the occupancy trend. The quality of initial construction can also have a direct impact on future maintenance requirements. The use of high-quality building materials and construction methods generally reduces the need for maintenance expenditures over the long term.

In 2014/15, the subject property's property operations and maintenance expense equated to 5.4% of total revenue or \$1,303 per available room. The comparable operations indicated property operations and maintenance expense ranging from 4.4% to 5.7% of total revenue or \$1,265 to \$1,797 per available room. Property operations and maintenance expense has been forecast at 5.1% of total revenue or \$1,355 per available room in year one, stabilizing at 4.8% of total revenue or \$1,469 per available room.

**Utilities Expense** 

The utilities consumption of a lodging facility takes several forms, including water and space heating, air conditioning, lighting, cooking fuel, and other miscellaneous power requirements. The most common sources of hotel utilities are electricity, natural gas, fuel oil, and steam. This category also includes the cost of water service.

Total energy cost depends on the source and quantity of fuel used. Electricity tends to be the most expensive source, followed by oil and gas. Although all hotels consume a sizable amount of electricity, many properties supplement their utility requirements with less expensive sources, such as gas and oil, for heating and cooking.

In 2014/15, the subject property's utilities expense equated to 5.7% of total revenue or \$1,380 per available room. The comparable operations indicate utilities expense ranging from 4.1% to 5.4% of total revenue, or \$1,117 to \$1,698 per available room. Utility expenses are highly tied to local utility rates in the Ocala market; therefore, we have given primary consideration to the hotel's operating history. Utilities expense has been forecast at 5.4% of total revenue or \$1,435 per



available room in year one, stabilizing at 5.1% of total revenue or \$1,556 per available room.

#### **Management Fee**

Management expense consists of the fees paid to the managing agent contracted to operate the property. Some companies provide management services and a brandname affiliation (first-tier management company), while others provide management services alone (second-tier management company). Some management contracts specify only a base fee (usually a percentage of total revenue), while others call for both a base fee and an incentive fee (usually a percentage of defined profit). Basic hotel management fees are often based on a percentage of total revenue, which means they have no fixed component. While base fees typically range from 2% to 4% of total revenue, incentive fees are deal-specific and often are calculated as a percentage of income available after debt service and, in some cases, after a preferred return on equity. Total management fees for the subject property have been forecast at a market rate fee of 3.0% of total revenue.

#### **Property Taxes**

Property (or ad valorem) tax is one of the primary revenue sources of municipalities. Based on the concept that the tax burden should be distributed in proportion to the value of all properties within a taxing jurisdiction, a system of assessments is established. Theoretically, the assessed value placed on each parcel bears a definite relationship to market value, so properties with equal market values will have similar assessments and properties with higher and lower values will have proportionately larger and smaller assessments.

Depending on the taxing policy of the municipality, property taxes can be based on the value of the real property or the value of the personal property and the real property. We have based our estimate of the subject property's market value (for tax purposes) on an analysis of assessments of both the subject property and comparable hotel properties in the local municipality. The following table details the subject property's assessment history.

#### FIGURE 9-10 SUBJECT PROPERTY'S ASSESSMENT HISTORY

	Real Proper	ty	Personal Pr	operty			
		Percent		Percent			
Year	Assessment	Change	Assessment	Change			
2012	\$4,847,763	_	\$995,294	_			
2013	5,332,539	10.0 %	879,762	(11.6) %			
2014	5,777,436	8.3	802,819	(8.7)			
Source: Marion County Tax Collector							



The subject hotel's historical real property assessment level has increased in recent years, while personal property has decreased.

Tax rates are based on the city and county budgets, which change annually. The most recent tax rate in this jurisdiction was reported at 17.7276. The following table shows changes in the tax rate during the last several years.

#### FIGURE 9-11 PROPERTY TAX RATES

Year	Real Property Tax Rate	Personal Property  Tax Rate
Teal	Tax Nate	Tax Nate
2012	18.1040	18.1040
2013	17.8710	17.8710
2014	17.7276	17.7276
	Source: Marion County Tax	Collector

Because the objective of assessed value is to maintain a specific value relationship among all properties in a taxing jurisdiction, comparable hotel assessments should be evaluated to determine whether the subject property's assessed value appears reasonable in this context. A review of the assessed values of several comparable hotels located in the local county jurisdiction reveals the following information.



FIGURE 9-12 COUNTY-ASSESSED VALUE OF COMPARABLE HOTELS

Hotel	Number of Rooms	Total	Amounts Per Room Total
Subject Property	169	\$5,777,436	\$34,186
Hampton Inn & Suites Ocala	101	\$5,220,244	\$51,686
Holiday Inn Hotel & Suites Ocala Conference Center	133	7,794,832	58,608
Fairfield Inn & Suites by Marriott Ocala	96	3,000,367	31,254
Hilton Ocala	101	9,285,888	91,939

Source: Marion County Tax Collector

The data show that the subject property's assessment is within the range presented by the comparable data and appears reasonable in this context based upon the extent of the subject hotel's improvements, the current quality of the building, and the size of the site. However, we have forecast an increase in the personal property assessment level in the second projection year to reflect the completion of renovations throughout the guestrooms and guest bathrooms.

Based on comparable assessments and the tax rate information, the subject property's projected property tax expense levels are calculated as follows.

FIGURE 9-13 PROJECTED PROPERTY TAX EXPENSE

_	Assessed	Value		Forecast Rate of	Base Rate of Tax	Real Prop.	Pers. Prop.	Tax
Year	Real	Personal	Total	Value Change	Burden Increase	Tax Rate	Tax Rate	Forecast
Historical	\$5,777,436	\$802,819	\$6,580,255	_	_	17.73	17.73	\$116,652
2015/16	\$5,777,436	\$802,819	\$6,580,255	0.0 %	2.0 %	_	_	\$118,985
2016/17	5,777,436	963,383	6,740,819	2.4	2.5	_	_	124,863
2017/18	5,777,436	963,383	6,740,819	0.0	3.0	_	_	128,609
2018/19	5,777,436	963,383	6,740,819	0.0	3.0	_	_	132,467
2019/20	5,777,436	963,383	6,740,819	0.0	3.0	_	_	136,441

#### **Insurance Expense**

The insurance expense category consists of the cost of insuring the hotel and its contents against damage or destruction by fire, weather, sprinkler leakage, boiler explosion, plate glass breakage, and so forth. General insurance costs also include premiums relating to liability, fidelity, and theft coverage.

Insurance rates are based on many factors, including building design and construction, fire detection and extinguishing equipment, fire district, distance



from the firehouse, and the area's fire experience. Insurance expenses do not vary with occupancy.

The subject property's insurance expense equated to 2.0% of revenue or \$493 per available room in 2014/15. Based on the subject hotel's operating budget and/or discussions with management, we project the subject property's insurance expense at 1.9% of total revenue or \$503 per available room in year one, increasing with the rate of inflation in subsequent years.

**Other Fixed Items** 

The subject property incurs minimal expenses for various equipment leases. We expect these expenses to continue and increase at the underlying inflationary rate.

# Reserve for Replacement

Furniture, fixtures, and equipment are essential to the operation of a lodging facility, and their quality often influences a property's class. This category includes all non-real estate items that are capitalized, rather than expensed. The furniture, fixtures, and equipment of a hotel are exposed to heavy use and must be replaced at regular intervals. The useful life of these items is determined by their quality, durability, and the amount of guest traffic and use.

Periodic replacement of furniture, fixtures, and equipment is essential to maintain the quality, image, and income-producing potential of a lodging facility. Because capitalized expenditures are not included in the operating statement but affect an owner's cash flow, a forecast of income and expense should reflect these expenses in the form of an appropriate reserve for replacement.

The International Society of Hospitality Consultants (ISHC) undertook a major industry-sponsored study of the capital expenditure requirements for full-service/luxury, select-service, and extended-stay hotels. The most recent findings of the study were published in a report in 2007. Historical capital expenditures of well-maintained hotels were investigated through the compilation of data provided by most of the major hotel companies in the United States. A prospective analysis of future capital expenditure requirements was also performed based upon the cost to replace short- and long-lived building components over a hotel's economic life. The study showed that the capital expenditure requirements for hotels vary significantly from year to year and depend upon both the actual and effective ages of a property. The results of this study showed that hotel lenders and investors are requiring reserves for replacement ranging from 4% to 5% of total revenue.

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<sup>&</sup>lt;sup>13</sup> The International Society of Hotel Consultants, *CapEx* 2007, *A Study of Capital Expenditure in the U.S. Hotel Industry*.



Based on the results of this study, our review of the subject asset and comparable lodging facilities, and our industry expertise, we estimate that a reserve for replacement of 5% of total revenues is sufficient to provide for the timely and periodic replacement of the subject property's furniture, fixtures, and equipment.

# Forecast of Income and Expense Conclusion

Revenues and expenses have been forecast for the subject property over the projection period shown. Over the long term, occupancy is expected to improve as the economy strengthens further, while average rate is anticipated to achieve greater gains as the hotel continues to ramp up toward stabilization. Historical and projected total revenue and net operating income are set forth in the following chart.

#### FIGURE 9-14 FORECAST OF INCOME AND EXPENSE CONCLUSION

		Total Operating	Percentage		Percentage	House	EBITDA Less Replacement	Percentage	
	Year	Revenue	Change	House Profit	Change	Profit	Reserve	Change	ELRR%
Historical	2012	\$2,952,000		\$1,138,000		38.5 %	\$706,000		23.9 %
	2013	3,221,000	9.1 %	1,215,000	6.8 %	37.8	754,000	6.8 %	23.4
	2014	3,813,000	18.4	1,697,000	39.7	44.5	1,181,000	56.6	31.0
TTM ending	2014/15	4,083,000	7.1	1,869,000	10.1	45.8	1,340,000	13.5	32.8
Projected	2015/16	\$4,464,000	9.3 %	\$1,887,000	1.0 %	42.4 %	\$1,320,000	(1.5) %	29.7 %
	2016/17	4,868,000	9.1	2,160,000	14.5	44.4	1,552,000	17.6	31.9
	2017/18	5,190,000	6.6	2,361,000	9.3	45.4	1,721,000	10.9	33.1
	2018/19	5,346,000	3.0	2,432,000	3.0	45.4	1,773,000	3.0	33.1
	2019/20	5,506,000	3.0	2,505,000	3.0	45.4	1,826,000	3.0	33.1

The forecast of income and expense anticipates the net operating income ratio to improve from 32.8% of gross revenues in the base year to 33.1% of gross revenues by the fifth projection year.

INCOME
CAPITALIZATION –
MORTGAGE-EQUITY
TECHNIQUE

The subject property has been valued via the income approach through the application of a ten-year mortgage-equity technique and a discounted-cash-flow analysis. The conversion of the subject property's forecasted net income into an estimate of value was based on the premise that investors typically leverage their real estate investments to enhance their equity yield. Typically, the majority of a transaction is capitalized with mortgage financing (50% to 80%), with equity comprising the balance (20% to 50%). The amounts and terms of available mortgage financing and the rates of return that are required to attract sufficient equity capital formed the basis for allocating the net income between the mortgage and equity components and deriving a value estimate.



The following table illustrates the valuation parameters used in the analysis.

 uui	RE 9-1	 VALUE	ALICIA V	/ARIABLES

 <u> </u> 	Stabilized Year: Inflation: Mortgage Component Loan to Value: Amortization:	3 3.0 70	
 <u> </u> 	nflation: <b>Mortgage Component</b> Loan to Value:	3.0	
<u>!</u> !	Mortgage Component  Loan to Value:		
,	Loan to Value:	70	0/
,		70	0/
	Amortization:		%
7	WHO WEARDIN	25	Years
	Гerm:	10	Years
I	nterest Rate:	5.00	%
1	Mortgage Constant:	0.070151	
<u>.</u>	Equity Component		
į.	Equity Yield:	20.0	%
<u> 1</u>	Reversion		
7	Terminal Cap Rate:	9.5	%
٦	Transaction Costs:	3.0	%
	o a a ora a Malara	¢40, 200, 000	
	ncome Value:	\$18,200,000	
Į.	Derived Discount Rate:	11.0	%
l l	nterest:	Monthly	

#### **Mortgage Component**

Hotel financing is currently very active at all tiers of the lodging industry. Lenders are attracted to the lodging industry because of the higher yields generated by hotel financing relative to other commercial real estate, and the industry is performing strongly, with supply growth constrained. Commercial banks, mortgage REITs, insurance companies, and CMBS and mezzanine lenders are aggressively pursuing deals. Financing is also increasingly available for hotels that require a turnaround.

Data for the mortgage component may be developed from statistics of actual hotel mortgages made by long-term lenders. The American Council of Life Insurance, which represents 20 large life insurance companies, publishes quarterly information pertaining to the hotel mortgages issued by its member companies.

Because of the six- to nine-month lag time in reporting and publishing hotel mortgage statistics, it was necessary to update this information to reflect current lending practices. Our research indicates that the greatest degree of correlation exists between the average interest rate of a hotel mortgage and the concurrent yield on an average-A corporate bond.



The following chart summarizes the average mortgage interest rates of the hotel loans made by these lenders. For the purpose of comparison, the average-A corporate bond yield (as reported by *Moody's Bond Record*) is also shown.

FIGURE 9-16 AVERAGE MORTGAGE INTEREST RATES AND AVERAGE-A **CORPORATE BOND YIELDS** 9.0 8.0 7.0 Rate (%) 6.0 5.0 4.0 3.0 2012 - 1st 2009 - 3rd 2010-3rd 2007 - 1st 2008 - 1st Avg. A Corp. Bond Yield (%) Avg. Interest Rate (%) Sources: American Council of Life Insurance, Moody's Bond Record, HVS

The relationship between hotel interest rates and the yields from the average-A corporate bond can be detailed through a regression analysis, which is expressed as follows.

Y = 0.93675987 X + 0.96975529

Where: Y = Estimated Hotel Mortgage Interest Rate

X = Current Average-A Corporate Bond Yield

(Coefficient of correlation is 93%)

The April 29, 2015, average yield on average-A corporate bonds, as reported by Moody's Investors Service, was 3.99%. When used in the previously presented equation, a factor of 3.99 produces an estimated hotel/motel interest rate of 4.71% (rounded).

Yields on U.S. treasuries and average-A corporate bonds remain at low levels due to Federal Reserve policy and the strengthening of the dollar, providing a very favorable financing environment. Interest rates for single hotel assets are



currently ranging from 4.0% to 6.0%, depending on the type of debt, loan-to-value ratio, and the quality of the asset and its market.

In addition to the mortgage interest rate estimate derived from this regression analysis, HVS constantly monitors the terms of hotel mortgage loans made by our institutional lending clients. Fixed-rate debt is being priced at roughly 200 to 400 basis points over the corresponding yield on treasury notes. As of April 29, 2015, the yield on the ten-year T-bill was 1.90%, indicating an interest rate range from 3.9% to 5.9%. With the strengthening of the dollar, hotel mortgage interest rates have returned to their historical low. The Federal Reserve is expected to maintain rates at the current level through mid-year 2015, with a potential increase anticipated in the latter half of the year if the U.S. economy continues to perform strongly. At present, we find that lenders that are active in the market are using loan-to-value ratios of 60% to 80% and amortization periods of 20 to 30 years.

Based on our analysis of the current lodging industry mortgage market and adjustments for specific factors, such as the property's location and conditions in the Ocala hotel market, it is our opinion that a 5.00% interest, 25-year amortization mortgage with a 0.070151 constant is appropriate for the subject property. In the mortgage-equity analysis, we have applied a loan-to-value ratio of 70%, which is reasonable to expect based on this interest rate and current parameters.

**Equity Component** 

The remaining capital required for a hotel investment generally comes from the equity investor. The rate of return that an equity investor expects over a ten-year holding period is known as the equity yield. Unlike the equity dividend, which is a short-term rate of return, the equity yield specifically considers a long-term holding period (generally ten years), annual inflation- adjusted cash flows, property appreciation, mortgage amortization, and proceeds from a sale at the end of the holding period. To establish an appropriate equity yield rate, we have used two sources of data: past appraisals and investor interviews.

**Hotel Sales –** Each appraisal performed by HVS uses a mortgage-equity approach in which income is projected and then discounted to a current value at rates reflecting the cost of debt and equity capital. In the case of hotels that were sold near the date of our valuation, we were able to derive the equity yield rate and unlevered discount rate by inserting the ten-year projection, total investment (purchase price and estimated capital expenditure and/or PIP) and debt assumptions into a valuation model and solving for the equity yield. The overall capitalization rates for the historical income and projected first-year income are based on the sales price "as is." The following table shows a representative sample of hotels that were sold on or about the time that we appraised them, along with



the derived equity return and discount rates based on the purchase price and our forecast.

FIGURE 9-17 SAMPLE OF HOTELS SOLD – FULL SERVICE, LUXURY

						Overa	II Rate Sales Price
Hotel	Location	Number of Rooms	Date of Sale	Total Property Yield	Equity Yield	Historical Year	Projected Year One
Hilton Albany	Albany, NY	385	Mar-15	10.8 %	20.0 %	9.4 %	7.9 %
Shorebreak Hotel	Huntington Beach, CA	157	Feb-15	10.2	18.2	6.1	6.9
Marriott Memphis East	Memphis, TN	232	Feb-15	11.0	18.5	7.1	8.0
Doubletree	New Orleans, LA	367	Feb-15	10.7	18.9	8.9	7.6
Embassy Suites	Raleigh, NC	225	Feb-15	10.2	18.2	8.7	8.2
Lakeway Resort	Austin, TX	175	Feb-15	10.9	18.1	7.1	7.6
Roosevelt Hotel	Seattle, WA	151	Feb-15	10.4	17.7	5.5	5.6
Hyatt Regency Indianapolis	Indianapolis, IN	499	Jan-15	10.4	18.5	6.8	9.0
Doubletree DFW Airport	Irving, TX	282	Dec-14	12.0	22.0	8.9	9.3
Chaparrel Suites	Scottsdale, AZ	312	Dec-14	11.7	18.1	_	7.5
Fairmont Hotel	Washington, DC	415	Dec-14	9.4	15.2	4.2	5.8
Doubletree Suites	Houston, TX	380	Nov-14	10.4	18.1	7.1	7.8
Kahala Hotel & Resort	Honolulu, HI	338	Nov-14	9.1	16.0	2.6	3.1
Pontchartrain Hotel	New Orleans, LA	82	Nov-14	11.5	19.3	_	4.9
JW Marriott	San Francisco, CA	337	Nov-14	9.3	16.6	6.1	6.7
Park Hyatt Washington	Washington, DC	216	Oct-14	9.3	15.2	5.3	6.1
Hotel Viking	Newport, RI	209	Oct-14	9.2	16.1	5.8	6.8
Embassy Suites	Indianapolis, IN	221	Sep-14	12.3	21.4	10.5	13.7
Long Island Marriott	Uniondale, NY	615	Sep-14	10.8	19.0	8.4	5.3
Hyatt Regency DFW	Dallas, TX	811	Sep-14	11.4	21.2	8.7	9.4
Hilton Indianapolis North	Indianapolis, IN	221	Sep-14	10.5	18.0	7.6	8.1
Radisson Branson Hotel	Branson, MO	472	Aug-14	11.6	17.8	7.2	6.7
Marriott Fremont	Fremont, CA	357	Aug-14	10.6	18.9	6.2	6.7
Marriott Atlanta Airport Gateway	Atlanta, GA	408	Aug-14	9.7	17.8	6.7	8.1
Doubletree Rochester	Rochester, NY	249	Jul-14	13.2	21.8	11.9	9.9
Sheraton Great Valley	Frazer, PA	198	Jul-14	10.8	19.2	3.5	8.5
Carneros Inn	Napa, CA	99	Jun-14	11.3	18.7	5.6	6.8
Doubletree Guest Doheny Beach	Dana Point, CA	196	Jun-14	10.8	19.4	8.2	7.9
Embassy Suites BWI	Lithicum, MD	251	Jun-14	10	17.4	7.8	5.9
Embassy Suites Richmond	Richmond, VA	224	May-14	11.3	19.4	9.0	10.0
St. Regis Monarch Beach	Dana Point, CA	400	May-14	9.8	15.7	4.1	5.4
Hotel Kabuki	San Francisco, CA	218	May-14	9.9	16.7	5.9	4.8
Sheraton Austin	Austin, TX	365	May-14	11.2	19.3	8.5	9.0
Sheraton Fort Lauderdale Airport	Fort Lauderdale, FL	250	May-14	9.9	16.9	5.7	6.9
Hilton Lafayette	Lafayette, LA	327	Apr-14	11.2	18.9	10.3	11.3
Hotel 373 Fifth Avenue	New York, NY	70	Apr-14	9.5	15.1	5.1	5.5
Claremont Hotel	Berkeley, CA	279	Mar-14	9.8	15.9	6.3	8.9

Source: HVS



FIGURE 9-18 SAMPLE OF HOTELS SOLD – SELECT-SERVICE/EXTENDED-STAY

						Overall Rate Based on Sales Price	
Hotel	Location	Number of Rooms	Date of Sale	Total Property Yield	Equity Yield	Historical Year	Projected Year One
Holiday Inn Express	Saint Rose, LA	134	Mar-15	11.0 %	20.3 %	9.0 %	8.2 %
Hampton Inn	Titusville, FL	86	Mar-15	10.5	17.3	9.7	9.5
Red Lion Wenatchee	Wenatchee, WA	149	Feb-15	12.8	20.0	5.0	8.4
Hyatt Place	San Jose, CA	234	Nov-14	10.0	17.4	6.8	6.6
Holiday Inn	Chandler, AZ	106	Nov-14	11.8	21.2	4.9	6.2
Hilton Garden Inn	Burlington, MA	179	Nov-14	9.8	17.4	6.5	7.6
Inn at Key West	Key West, FL	106	Sep-14	11.0	19.6	7.5	7.8
Hampton Inn	Pleasanton, TX	63	Aug-14	10.9	20.0	20.0	17.3
Courtyard by Marriott	Montgomery, AL	146	Aug-14	11.0	19.6	4.3	9.0
Springhill Suites	Atlanta, GA	147	Aug-14	10.2	18.9	7.7	8.5
Springhill Suites	New York, NY	173	Jul-14	9.2	14.3	4.6	6.8
Residence Inn Midtown East	New York, NY	211	Jul-14	9.7	15.7	6.7	8.8
Holiday Inn Express	New Orleans, LA	129	Jul-14	12.7	21.9	3.4	3.1
Holiday inn Austin NW	Austin, TX	194	Jun-14	12.9	21.4	10.5	8.8
Holiday Inn Express & Suites	Peoria, IL	98	Jun-14	12.8	21.1	3.7	6.7
Hampton Inn	Tulsa, OK	70	May-14	10.4	18.0	7.0	9.5
Holiday Inn Express & Suites	Santa Cruz, CA	100	Apr-14	11.3	18.7	8.3	8.6
Aloft Hotel	Broomfield, CO	139	Apr-14	11.0	20.7	9.4	10.3
Courtyard by Marriott	Columbia, SC	189	Mar-14	10.6	18.3	5.5	9.4
Courtyard by Marriott (Conversion)	Austin, TX	198	Feb-14	11.9	20.2	10.6	10.7
Hyatt Place Minneapolis	Minneapolis, MN	213	Dec-13	10.0	17.0	_	6.5
Holiday Inn Express	Brooklyn, NY	104	Dec-13	9.8	16.7	9.1	8.4
Hilton Garden Inn	Sarasota, FL	115	Dec-13	11.9	20.3	10.4	10.6
Homewood Suites	Gaitherburg, MD	203	Nov-13	11.5	18.0	_	2.5
Hampton Inn Beeville	Beeville, TX	70	Nov-13	11.9	19.4	10.6	8.5
Hampton Inn & Suites	Austin, TX	102	Nov-13	11.1	18.5	7.8	8.8
Springhill Suites	Little Rock, AK	78	Oct-13	12.2	19.9	7.8	10.3
Staybridge Suites	Mount Laurel, NJ	99	Oct-13	12.0	19.8	10.6	9.5
Holiday Inn Express & Suites	Westampton, NJ	76	Oct-13	12.3	20.0	8.1	8.5
Springhill Suites	Oklahoma City, OK	128	Oct-13	11.9	19.4	8.8	9.8
Holiday Inn	Willowbrook, IL	220	Oct-13	13.7	20.8	4.3	6.9
Residence Inn	Bellevue, WA	231	Oct-13	9.5	15.9	8.2	7.8
Courtyard Raleigh	Raleigh, NC	109	Sep-13	11.2	18.6	7.8	7.8
Holiday Inn Express & Suites	Wauseon, OH	64	Aug-13	13.0	21.7	8.7	10.4
Holiday Inn	New York, NY	226	Jun-13	10.0	16.6	7.8	7.8
Residence Inn Coconut Grove	Miami, FL	140	Jun-13	10.0	16.1	7.2	6.7
	,						

Source: HVS

**Investor Interviews** - During the course of our work, we continuously monitor investor equity-yield requirements through discussions with hotel investors and

## **<u>HVS</u>**

brokers. While equity still looks to yield high returns for the risk of hotel investment, the low-yield environment, coupled with increased competition for quality assets, has placed downward pressure on equity-yield returns. We find that equity-yield rates currently range from a low in the low-to-mid teens for high-barrier-to-entry "trophy assets"; the upper teens for high quality, institutional-grade assets in strong markets; and the upper teens to low 20s for quality assets in more typical markets. Equity yields have increased moderately because of higher leverage levels, though competition for quality assets continues to place downward pressure on return requirements. Equity-yield rates tend to exceed 20% for aging assets with functional obsolescence and/or other challenging property- or market-related issues. Equity return requirements also vary with an investment's level of leverage. Higher loan-to-value ratios are becoming more prevalent, allowing for increased equity returns.

The following table summarizes the range of equity yields indicated by hotel sales and investor interviews. We note that there tends to be a lag between the sales data and current market conditions, and thus, the full effect of the change in the economy and capital markets may not yet be reflected.

FIGURE 9-19 SUMMARY OF EQUITY YIELD OR INTERNAL RATE OF RETURN REQUIREMENTS

Source	Data Point Range	Average
HVS Hotel Sales - Full-Service & Luxury	15.1% - 22%	18.2%
HVS Hotel Sales - Select-Service & Extended-Stay	14.3% - 21.9%	18.9%
HVS Hotel Sales - Budget/Economy	16.9% - 25.5%	21.2%
HVS Investor Interviews	12% - 22%	

Based on the assumed 70% loan-to-value ratio, the risk inherent in achieving the projected income stream, and the age, condition, and anticipated market position of the subject property, it is our opinion that an equity investor is likely to require an equity yield rate of 20.0%. While the lack of attainable yields on alternate investments has continued to put downward pressure on equity-yield rates, increasing leverage levels are enabling investors to earn higher returns. Competition for quality assets remains strong among all hotel asset types. These influences are keeping equity yields from increasing significantly. Intense competition for assets in the major metro areas is pushing investors to pursue acquisitions with greater upside in secondary and tertiary markets. Value-added acquisitions are also attracting greater interest due to the increasing availability of financing for these types of transactions and the potential for higher returns.



### Terminal Capitalization Rate

Inherent in this valuation process is the assumption of a sale at the end of the tenyear holding period. The estimated reversionary sale price as of that date is calculated by capitalizing the projected eleventh-year net income by an overall terminal capitalization rate. An allocation for the selling expenses is deducted from this sale price, and the net proceeds to the equity interest (also known as the equity residual) are calculated by deducting the outstanding mortgage balance from the reversion.

We have reviewed several recent investor surveys. The following chart summarizes the averages presented for terminal capitalization rates in various investor surveys during the past decade. Note that survey data lag the market and do not necessarily reflect the most current market conditions.

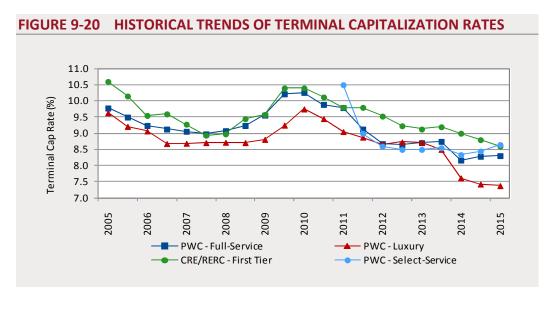




FIGURE 9-21 TERMINAL CAPITALIZATION RATES DERIVED FROM INVESTOR SURVEYS

Source	Data Point Range	Average
PWC Real Estate Investor Survey - 1st Quarter 2015		
Select-Service Hotels	6.0% - 11.0%	8.7%
Full-Service Hotels	6.5% - 10.0%	8.3%
Luxury Hotels	5.75% - 10.0%	7.4%
USRC Hotel Investment Survey - Winter 2015		
Full-Service Hotels	6.5% - 10.0%	8.2%
Situs RERC Real Estate Report - Winter 2015		
First Tier Hotels	5.6% - 11.5%	8.6%

For purposes of this analysis, we have applied a terminal capitalization rate of 9.5%. Our final position for the terminal capitalization rate reflects the current market for hotel investments. In tandem with overall lower return expectations, terminal capitalization rates for quality hotel assets in markets with high barriers to entry have returned to their 2005 to 2007 lows, while terminal capitalization rates for older assets or for those suffering from functional obsolescence and/or weak market conditions remain elevated, reflecting the market's recognition that certain assets have less opportunity for significant appreciation.

Mortgage-Equity Method -Value Opinion The valuation of the mortgage and equity components is accomplished using an algebraic equation that calculates the exact amount of debt and equity that the hotel will be able to support based on the anticipated cash flow (as estimated by the forecast of income and expense) and the specific return requirements demanded by the mortgage lender (interest) and the equity investor (equity yield). Thus, the anticipated net income (before debt service and depreciation) is allocated to the mortgage and equity components based on market rates of return and loan-to-value ratios. The total of the mortgage component and the equity component equals the value of the property. Using this method of the income capitalization approach with the variables set forth, our opinion of value of the fee simple interest in the subject property is illustrated in the following table.



# FIGURE 9-22 VALUE OPINION AND APPLICATION OF CAPITAL DEDUCTION, AS APPLICABLE

Value Indication Prior to Deduct:	\$18,211,780
Capital Deduction, If Applicable:	2,500,000
Value Indication ("As Is") After Deduction:	\$15,711,780
Rounded to:	\$15,700,000

# Mathematical Proof of Value

The value is mathematically proven by confirming that the market-derived yields are met for the lender and equity participant during the projection period. Using the assumed financial structure set forth in the previous calculations, market value can be allocated between the debt and equity as follows.

Mortgage Component (70%)	\$12,748,000
Equity Component (30%)	5,464,000
Total	\$18,212,000

The annual debt service is calculated by multiplying the mortgage component by the mortgage constant.

Mortgage Component	\$12,748,000
Mortgage Constant	0.070151
Annual Debt Service	\$894,282

The eleven-year forecast of net income and ten-year forecast of net income to equity are presented in the following table.



FIGURE 9-23 ELEVEN-YEAR FORECAST OF NET INCOME AND TEN-YEAR FORECAST OF NET INCOME TO EQUITY

	Net Income Before		Net Income to	Debt Coverage	Cash-on-Cash
Year	Debt Service	Less: Debt Service	Equity	Ratio	Return
2015/16	\$1,320,000	\$894,000	\$426,000	1.48	7.8 %
2016/17	1,552,000	894,000	658,000	1.74	12.0
2017/18	1,721,000	894,000	827,000	1.93	15.1
2018/19	1,773,000	894,000	879,000	1.98	16.1
2019/20	1,826,000	894,000	932,000	2.04	17.1
2020/21	1,882,000	894,000	988,000	2.11	18.1
2021/22	1,938,000	894,000	1,044,000	2.17	19.1
2022/23	1,996,000	894,000	1,102,000	2.23	20.2
2023/24	2,056,000	894,000	1,162,000	2.30	21.3
2024/25	2,117,000	894,000	1,223,000	2.37	22.4
2025/26	2,181,000				

Our debt-coverage ratio falls within the range of 1.3 to 1.7, reflecting the debt-coverage ratios required in the current market. The net proceeds to equity upon sale of the property were determined by deducting sales expenses (brokerage and legal fees) and the outstanding mortgage balance.

The equity residual at the end of the tenth year is calculated by deducting brokerage and legal fees and the mortgage balance from the reversionary value. The reversionary value is calculated as the eleventh year's net income capitalized by the terminal capitalization rate. The calculation is shown as follows.

11th Year's Net Income	\$2,181,000
Capitalization Rate	9.5%
Reversionary Value	\$22,958,000
Less:	
Brokerage and Legal Fees	689,000
Mortgage Balance	9,424,000
Net Sale Proceeds to Equity	\$12,845,000

The discount rate (before debt service), the yield to the lender, and the yield to the equity position have been calculated by computer with the following results.



FIGURE 9-24 TOTAL PROPERTY VALUE AND INTERNAL RATES OF RETURN

Position	Value	Projected Yield (Internal Rate of Return) Over Holding Period
Position		Over Holding Feriod
Total Property	\$18,212,000	11.0 %
Mortgage	\$12,748,000	4.9
Equity	\$5,464,000	20.0

Note: Whereas the mortgage constant and value are calculated on the basis of monthly mortgage payments, the mortgage yield in this proof assumes single annual payments. As a result, the proof's derived yield may be slightly less than that actually input.

The position of the total property yield or unlevered discount rate reflects the current ready availability and low cost of both debt and equity capital. As of third-quarter 2013, lenders are very active, with capital available from numerous sources. Equity and mezzanine financing is also readily available due to the attractive yields being generated by hotels when compared with other forms of commercial real estate. We continue to interview hotel investors to assess the movement in yield rates and their impact on value.

The following tables demonstrate that the property receives its anticipated yields, proving that the value is correct based on the assumptions used in this approach.

FIGURE 9-25 VALUE OF THE MORTGAGE COMPONENT

Year	Total Annual Debt Service		sent Worth of \$ Factor at 4.9%	1	Discounted Cash Flow
2015/16	\$894,000	х	0.952988	=	\$852,000
2016/17	894,000	Х	0.908187	=	812,000
2017/18	894,000	Х	0.865491	=	774,000
2018/19	894,000	Х	0.824803	=	737,000
2019/20	894,000	Х	0.786028	=	703,000
2020/21	894,000	Х	0.749076	=	670,000
2021/22	894,000	Х	0.713860	=	638,000
2022/23	894,000	Х	0.680301	=	608,000
2023/24	894,000	Х	0.648318	=	580,000
2024/25	10,318,000 *	X	0.617840	=	6,375,000
		Value	of Mortgage Cor	nponent	\$12,749,000



FIGURE 9-26 VALUE OF THE EQUITY COMPONENT

Discounted	1	sent Worth of \$		Net Income	
Cash Flow		actor at 20.0%		to Equity	Year
\$355,000	=	0.833305	x	\$426,000	2015/16
457,000	=	0.694397	х	658,000	2016/17
479,000	=	0.578644	х	827,000	2017/18
424,000	=	0.482187	х	879,000	2018/19
374,000	=	0.401809	х	932,000	2019/20
331,000	=	0.334829	х	988,000	2020/21
291,000	=	0.279015	х	1,044,000	2021/22
256,000	=	0.232504	х	1,102,000	2022/23
225,000	=	0.193747	х	1,162,000	2023/24
2,271,000	=	0.161450	х	14,068,000 *	2024/25
\$5,463,000		of Equity Compo		, ,	2024/23

### FIGURE 9-27 VALUE OF THE EQUITY, DEBT AND TOTAL PROPERTY

Year	Available for Debt Service		esent Worth of \$ Factor at 11.0%	1	Discounted Cash Flow
2015/16	\$1,320,000	х	0.901281	=	\$1,190,000
2016/17	1,552,000	х	0.812308	=	1,261,000
2017/18	1,721,000	х	0.732118	=	1,260,000
2018/19	1,773,000	х	0.659844	=	1,170,000
2019/20	1,826,000	х	0.594705	=	1,086,000
2020/21	1,882,000	х	0.535997	=	1,009,000
2021/22	1,938,000	Х	0.483084	=	936,000
2022/23	1,996,000	х	0.435395	=	869,000
2023/24	2,056,000	Х	0.392413	=	807,000
2024/25	24,386,000 *	х	0.353675	=	8,625,000
			Total Property	/ Value	\$18,213,000

<sup>\*10</sup>th year net income of \$2,117,000 plus sales proceeds of \$22,269,000

### **Direct Capitalization**

The following table reflects the capitalization rates for the subject property that have been derived based on our estimate of market value via the discounted-cash-flow analysis. Note that the stabilized year's net income has been deflated to first-year dollars.



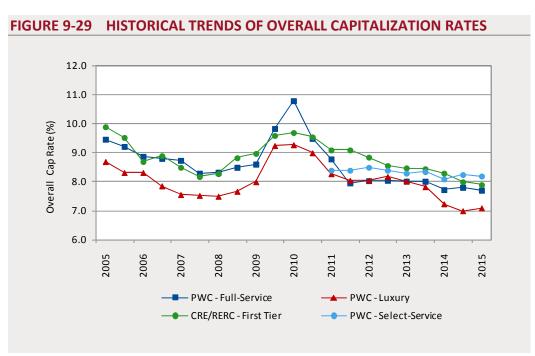
FIGURE 9-28 DERIVED CAPITALIZATION RATES

	Net Operating	Market Value	Derived
Year	Income	"As Is"	Capitalization Rate
2014/15 Historical*	\$1,340,000	\$15,700,000	8.5 %
Forecast 2015/16	1,320,000	\$15,700,000	8.4
Deflated Stabilized			
(2015/16) Dollars	1,630,000		

<sup>\*2014/15</sup> historical net operating income has been adjusted to reflect a 3.0% management fee and a 5.0% reserve for replacement

The derived capitalization rates are considered appropriate for a lodging facility such as the Courtyard by Marriott Ocala. The capitalization rate based on the first year's projected net income is in line with current rates of return for hotel investments with the subject property's operating profile.

The following chart summarizes the averages presented for overall capitalization rates in various investor surveys during the past decade.



May-2015



FIGURE 9-30 OVERALL CAPITALIZATION RATES DERIVED FROM SALES AND INVESTOR SURVEYS

Source	Data Point Range	Average
HVS Hotel Sales - Full-Service & Luxury	2.6% - 11.9%	7.1%
HVS Hotel Sales - Select-Service & Extended-Stay	3.4% - 20%	7.9%
PWC Real Estate Investor Survey - 1st Quarter 2015		
Select-Service Hotels	5.0% - 11.0%	8.2%
Full-Service Hotels	6.0% - 10.0%	7.7%
Luxury Hotels	4.75% - 9.0%	7.1%
USRC Hotel Investment Survey - Winter 2015		
Full-Service Hotels	6.0% - 9.0%	7.5%
Situs RERC Real Estate Report - Winter 2015		
First Tier Hotels	5.0% - 10.0%	7.9%

We note that these results represent overall averages taken from a wide array of individual data points; accordingly, a range of reasonableness exists above and below the most recent figures. We have also reviewed capitalization rates from our extensive hotel transactions database; although not directly comparable, a selection of these rates is shown in the table titled *Sample of Hotels Sold*, which is presented previously in this chapter.

# Discounted Cash Flow Analysis

The process of converting the projected income stream into an estimate of value via the discounted-cash-flow method is described as follows.

- 1. An appropriate discount rate is selected to apply to the projected net income before debt service. This rate reflects the "free and clear" internal rate of return to an all-cash purchaser or a blended rate of debt and equity return requirements. The discount rate takes into consideration the degree of perceived risk, anticipated inflation, market attitudes, and rates of return on other investment alternatives, as well as the availability and cost of financing. The discount rate is chosen by reviewing sales transactions and investor surveys and interviewing market participants.
- A reversionary value reflecting the sales price of the property at the end of the ten-year holding period is calculated by capitalizing the eleventh-year net income by the terminal capitalization rate and deducting typical brokerage and legal fees.



3. Each year's forecasted net income before debt service and depreciation and the reversionary sales proceeds at the end of the ten-year holding period are converted to a present value by multiplying the cash flow by the chosen discount rate for that year in the forecast. The sum of the discounted cash flows equates to the value of the subject property.

The following chart summarizes the averages presented for discount rates in various investor surveys during the past decade.

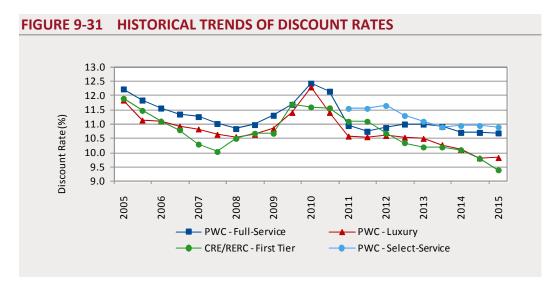


FIGURE 9-32 OVERALL DISCOUNT RATES DERIVED FROM SALES AND INVESTOR SURVEYS

Source	Data Point Range	Average
HVS Hotel Sales - Full-Service & Luxury	9.1% - 13.2%	10.6%
HVS Hotel Sales - Select-Service & Extended-Stay	9.2% - 13.7%	11.2%
PWC Real Estate Investor Survey - 1st Quarter 2015		
Select-Service Hotels	9.0% - 13.0%	10.9%
Full-Service Hotels	8.75% - 13.0%	10.7%
Luxury Hotels	8.0% - 12.0%	9.8%
USRC Hotel Investment Survey - Winter 2015		
Full-Service Hotels	7.5% - 12.0%	10.4%
Situs RERC Real Estate Report - Winter 2015		
First Tier Hotels	6.0% - 12.0%	9.4%



We note that these results represent overall averages taken from a wide array of individual data points; accordingly, a range of reasonableness exists above and below the most recent figures. Based on our review of these surveys, sales transactions (see total property yields shown in the table titled *Sample of Hotels Sold*), and interviewing market participants, we have selected a discount rate of 11.00% for our analysis. Similar to the developed total property yield, our selected discount rate considers the current market for hotel investments, as well as the characteristics of the property and market.

Utilizing the discount rate set forth, the discounted-cash-flow procedure is summarized as follows. The capital deduction, if applicable, is applied in this analysis as shown.

FIGURE 9-33 DISCOUNTED CASH FLOW ANALYSIS

Year	Net Income	Discount Factor @ 11.00%	Discounted Cash Flow
2015/16	\$1,320,000	0.90090	\$1,189,189
2016/17	1,552,000	0.81162	1,259,638
2017/18	1,721,000	0.73119	1,258,380
2018/19	1,773,000	0.65873	1,167,930
2019/20	1,826,000	0.59345	1,083,642
2020/21	1,882,000	0.53464	1,006,194
2021/22	1,938,000	0.48166	933,454
2022/23	1,996,000	0.43393	866,117
2023/24	2,056,000	0.39092	803,741
2024/25	24,386,000 *	0.35218	8,588,426
	Estimated Market Va	lue, Prior to Deduct	\$18,156,713
	Capital Dedu	ction (If Applicable)	2,500,000
	Estimated Market	Value, After Deduct	\$15,656,713
		Rounded To	\$15,700,000
		Per Room	\$93,000
Reversion A	nalysis		
111	th Year's Net Income		\$2,181,000
Ca <sub>l</sub>	oitalization Rate		9.5%
To	tal Sales Proceeds		\$22,957,895
l	ess: Transaction Costs	@ 3.0%	688,737
No	t Sales Proceeds	_	\$22,269,158



Prospective Market Value Upon Completion

We have also determined the prospective market value of the subject property as of the beginning of the second year, May 31, 2016. The preceding valuation process was repeated using the projected cash flows beginning as of this date. Based on this procedure, it is our opinion that the prospective market value, as of May 31, 2016, is \$19,000,000. The discounted-cash-flow procedure is summarized as follows.

FIGURE 9-34 DISCOUNTED CASH FLOW ANALYSIS – "WHEN COMPLETE" VALUE

Year	Net Income	Discount Factor @ 11.00%	Discounted Cash Flow
2016/17	\$1,552,000	0.90090	\$1,398,198
2017/18	1,721,000	0.81162	1,396,802
2018/19	1,773,000	0.73119	1,296,402
2019/20	1,826,000	0.65873	1,202,843
2020/21	1,882,000	0.59345	1,116,875
2021/22	1,938,000	0.53464	1,036,134
2022/23	1,996,000	0.48166	961,390
2023/24	2,056,000	0.43393	892,153
2024/25	2,118,000	0.39092	827,979
2025/26	25,125,000 *	0.35218	8,848,635
	Estii	mated Market Value	\$18,977,412
		Rounded To	\$19,000,000
		Per Room	\$112,000
Reversion Ana	lysis		
<b>11</b> th	Year's Net Income		\$2,247,000
Capit	alization Rate		9.5%
Total	Sales Proceeds		\$23,652,632
Les	s: Transaction Costs	@ 3.0%	709,579
Net S	ales Proceeds	_	\$22,943,053
* 10th Year NO	I plus Reversion Pro	ceeds	

#### **Conclusion**

Using the income capitalization approach, the subject property was valued by a mortgage-equity valuation analysis and a straightforward discounted-cash-flow analysis. Based on our review of each method and their inherent strengths and weaknesses, as well as investor attitudes and methodologies, we have reconciled the value indication via the income capitalization approach to \$15,700,000 or



92,900 per room. We also have determined the "when complete" value estimate to be 19,000,000.



### 10. Sales Comparison Approach

The sales comparison approach is based on the principle of substitution, which defines a property's value as the cost of acquiring an equally desirable substitute (assuming that no costly delay is incurred in making the substitution). Thus, the sales comparison approach can be used to form an opinion of a property's market value from the price at which equally desirable properties have sold, or for which they can be purchased, on the open market.

Hotel Investment Market Overview The following overview of the hotel investment market during recent industry investment cycles provides a context for the sales comparison approach.

The volume of hotel transactions and the price paid for individual assets are influenced by two principal factors: the availability of capital and the performance of the lodging sector as a whole. When high levels of leverage are available on favorable terms and the industry is performing well, investors are attracted to the market, and both prices and the number of transactions increase. These market conditions often induce sellers to put their properties on the market, further fueling the pace of transaction activity. Conversely, when the availability of capital declines and when interest rates increase, both the pace of activity and pricing levels decrease. When these capital conditions coincide with a downturn in industry performance, the transaction market drops off significantly. In this environment, sellers are typically unwilling to put their properties on the market, electing to wait until market conditions improve. The impact of these influences results in a cyclical investment market, recording peaks and valleys in response to changes in the capital markets and the economy.

The following chart sets forth the dollar volume of U.S. hotel transactions over the past ten years through 2014, as reported by Real Capital Analytics. The blue portion of the bar chart represents the volume of transactions with a price in excess of \$10 million, identified as Major Sales Transactions, while the red portion of the bar represents the volume of transactions with a price of \$2.5 million to \$10 million. While the sales volume of hotels priced at \$10 million and under increased by 5% over the past year, transaction volume for hotels selling at a price of \$10 million and above increased by a robust 25%.

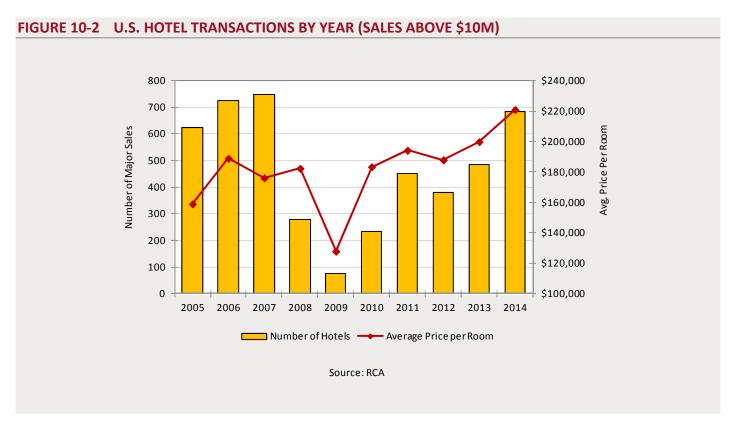




The cyclical nature of the hospitality investment market is evident in the sales data. Following peak levels of activity in 2006 and 2007, hotel transaction activity slowed dramatically in 2008 due to the weakening economy and reduction in CMBS lending. The market came to a virtual standstill in 2009 due to the financial crisis, which negatively affected the hotel and real estate industries. With a recovery in fundamentals underway, transaction activity began to recover in 2010. Sales activity has continued to increase since that time, driven by strong industry fundamentals. Total sales volume increased by 22% from 2013 to 2014, reaching \$30 billion, still \$2 billion shy of the peak levels reached in 2006 and 2007. Given the very strong outlook for hotel performance and the continuing availability of low cost capital, sales volume in 2015 is expected to exceed prior peak levels.



The following graph sets forth the number of major hotel transactions (defined as those with a purchase price in excess of \$10 million) and the average price per room since 2005.<sup>14</sup>



The average price per room for hotels selling at a price of \$10 million and over reached \$220,000 in 2014, a 10% increase over the prior year. It should be noted that the average price per room is greatly influenced by the kinds of hotels being sold. In 2014, the transaction market was dominated by the sale of limited- and select-service hotels, with relatively fewer large, full-service and luxury assets transacting, which served to moderate the value-per-room gain. The number of major hotels that sold in 2014 increased by a surprising 46%, reflecting the greater number of smaller, lower-priced hotel transactions over the past year.

Major sales transaction activity, defined as hotels that sell in excess of \$10 million, mirrors the total sales trend. Since its nadir in 2009, the market recovered to almost 700 major sales transactions in 2014, a notable 46% increase over the number of major hotels that sold in 2013. As of early 2015, the market is in a

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<sup>&</sup>lt;sup>14</sup> Real Capital Analytics individual and portfolio hotel transactions data



healthy state of equilibrium; equity interest in the sector remains strong, and debt is widely available at favorable interest rates. These factors, combined with continued strong industry fundamentals, are attracting more investors and sellers to the market. International investors looking for a safe haven for their capital and REITs, which performed very well in 2014, are expected to remain the most active buyers in 2015. Limited- and select-service hotels, many of which sold in portfolios that represented 30% of all major transaction activity in 2014, are anticipated to remain the most active product type. Competition for high-quality assets in gateway cities remains strong, driving many buyers to pursue assets in secondary markets. As the cycle evolves, investor interest is broadening outside the premier sectors and markets. While some aging assets and/or those in need of unfunded capital improvements may continue to be challenged, capital is increasingly available for asset turnarounds, which is also beginning to boost activity in this segment of the market.

The improvements in market conditions since 2012 have resulted in increased sales transaction activity reflective of investor expectations in a normalized market. Thus, we have tried to focus on sales transactions from 2012 to the present, if adequate comparable data are available. Sales from prior years may be pertinent if there has been sparse activity in the subject property's product type since the 2008/09 economic downturn. Capitalization rates derived from the historical income of the sales vary widely, depending upon when the sale occurred and how a hotel was performing at the time of sale. Given these factors, we have researched and relied upon the most relevant comparable sales data in our appraisal of the subject property, although adjustments for changes in capital market conditions may be warranted, depending on the date and particular attributes of the transaction.

#### **Sales History of Subject**

The subject property is currently owned by Kinsman Hotel Associates, Inc., which is based in Ocala, Florida. The subject property was last sold in 1996; Kinsman Hotel Associates, Inc. has owned the property since that time. According to the Marion County Assessor's Office, Kinsman Hotel Associates, Inc. purchased the property for a reported \$4,491,367 from SunTrust Bank Tampa Bay. No transfers of the property have reportedly occurred since 1996. The hotel, along with the Fairfield Inn & Suites by Marriott Ocala and the Residence Inn by Marriott Ocala, is now under contract for purchase by American Hotel Income Properties REIT Inc. for a reported portfolio purchase price of \$31,000,000; an individual purchase price for the subject property was not allocated.

#### **Comparable Sales**

To present our selection of comparable sales, we conducted a comprehensive search for recent transactions of hotels that bear comparison to the subject property in one or more key areas. When possible, we gave priority to transactions occurring in the same state or region as the subject property. We also considered



factors such as operational and physical similarities to the subject property, including brand affiliation and revenue-generating characteristics. All of the data have been verified by HVS or obtained from a verifying source. The following transactions involved hotels that have some degree of geographic similitude with the subject property.

#### FIGURE 10-3 REVIEW OF PERTINENT TRANSACTIONS

						Overall	Year
Property	Location	Sale Date	Price	Rooms	Price/Rm	Сар	Opene
Holiday Inn Express & Suites Jacksonville SE Med Center	Jacksonville, Florida	Apr-15	\$8,580,000	104	\$82,500	_	2003
Courtyard by Marriott Naples	Naples, Florida	Jan-15	\$12,300,000	102	\$120,588	_	1996
Courtyard Fort Lauderdale Coral Springs	Coral Springs, Florida	Jan-15	\$7,000,000	110	\$63,636	_	2000
TownePlace Suites by Marriott Tampa Westshore Airport	Tampa, Florida	Dec-14	\$14,320,000	122	\$117,377	_	200
Residence Inn by Marriott Tampa Westshore Airport	Tampa, Florida	Dec-14	\$21,400,000	160	\$133,750	_	200
airfield Inn & Suites by Marriott Melbourne Palm Bay Viera	Melbourne, Florida	Nov-14	\$9,662,611	83	\$116,417	8.3%	2008
airfield Inn & Suites by Marriott Titusville Kennedy Space Center	Titusville, Florida	Nov-14	\$11,176,032	96	\$116,417	8.3%	200
lampton Inn Fort Lauderdale Plantation	Plantation, Florida	Sep-14	\$13,000,000	128	\$101,562	_	199
Doubletree by Hilton Deerfield Beach Boca Raton	Deerfield Beach, Florida	Jun-14	\$14,262,000	220	\$64,827	_	198
DoubleTree by Hilton Sunrise Sawgrass Mills	Sunrise, Florida	May-14	\$35,375,000	250	\$141,500	_	200
heraton Fort Lauderdale Airport & Cruise Port Hotel	Dania Beach, Florida	May-14	\$34,300,000	250	\$137,200	5.7%	198
PoubleTree by Hilton Hotel West Palm Beach Airport	West Palm Beach, Florida	Apr-14	\$15,000,000	175	\$85,714	_	198
DoubleTree by Hilton Tallahassee	Tallahassee, Florida	Apr-14	\$21,000,000	243	\$86,420	_	197
lawthorn Suites by Wyndham Orlando Convention Center	Orlando, Florida	Jan-14	\$8,300,000	120	\$69,167	_	199
lampton Inn Naples Interstate 75	Naples, Florida	Jan-14	\$6,772,500	91	\$74,423	_	200
Hampton Inn Sarasota Interstate 75 Bee Ridge	Sarasota, Florida	Dec-13	\$9,000,000	121	\$74,380	10.7%	199
mbassy Suites Orlando Lake Buena Vista	Orlando, Florida	Dec-13	\$25,700,000	334	\$76,946	_	199
Hilton Garden Inn Sarasota Bradenton Airport	Sarasota, Florida	Dec-13	\$10,800,000	115	\$93,913	10.4%	200
airfield Inn & Suites by Marriott West Palm Beach Jupiter	Jupiter, Florida	Dec-13	\$9,000,000	110	\$81,818	10.1%	200
Hampton Inn Jacksonville Beach Oceanfront	Jacksonville Beach, Florida	Nov-13	\$26,500,000	177	\$149,718	_	197
Courtyard by Marriott Key Largo	Key Largo, Florida	Aug-13	\$14,000,000	91	\$153,846	_	199
Hampton Inn Miami Airport West	Doral, Florida	Aug-13	\$14,766,067	127	\$116,268	_	199
Hilton Garden Inn Orlando East University Central Florida	Orlando, Florida	Aug-13	\$9,451,800	122	\$77,474	_	200
Hampton Inn & Suites Fort Lauderdale Airport / South Cruise Port	Hollywood, Florida	Aug-13	\$16,233,933	104	\$156,096	8.6%	199
Courtyard by Marriott Tampa North	Tampa, Florida	Jul-13	\$6,650,000	81	\$82,099	_	199
Residence Inn by Marriott Miami Coconut Grove	Coconut Grove, Florida	Jun-13	\$21,800,000	140	\$155,714	7.2%	200
Hilton Garden Inn Fort Myers	Fort Myers, Florida	Jun-13	\$9,135,000	126	\$72,500	3.6%	200
Holiday Inn Express Sarasota East I 75	Sarasota, Florida	Jun-13	\$9,000,000	101	\$89,109	7.8%	200
DoubleTree by Hilton Hotel Orlando East-UCF Area	Orlando, Florida	Jun-13	\$15,750,000	245	\$64,286	8.0%	198
Holiday Inn Express Tampa Rocky Point Island	Tampa, Florida	May-13	\$6,350,000	88	\$72,159	5.2%	199
lilton Garden Inn Orlando at SeaWorld	Orlando, Florida	May-13	\$24,000,000	224	\$107,143	J.270	200
Hampton Inn Jacksonville Ponte Vedra Beach Mayo Clinic	Jacksonville Beach, Florida	May-13	\$8,400,000	117	\$71.795	_	200
Hilton Garden Inn Tampa East Brandon	Tampa. Florida	Mar-13	\$12,500,000	152	\$82,237	_	200
Courtyard by Marriott Jacksonville Flagler Center	Jacksonville, Florida	Feb-13	\$9,350,000	120	\$77,917	_	200
Hyatt Place Orlando Convention Center	Orlando, Florida	Jan-13	\$12,665,000	149	\$85.000	7.0%	199
Hyatt Place Orlando Universal	Orlando, Florida	Jan-13	\$12,835,000	151	\$85,000	7.4%	200
Hampton Inn & Suites Tampa Ybor City Downtown	Tampa, Florida	Dec-12	\$20,800,000	138	\$150,725	8.9%	200
DoubleTree by Hilton Hotel Cocoa Beach Oceanfront	Cocoa Beach, Florida	Oct-12	\$15,100,000	148	\$102,027	7.6%	198
desidence Inn by Marriott Tampa Suncoast Parkway at NorthPointe Village	Lutz. Florida	Sep-12	\$13,500,000	100	\$135.000	8.3%	200
Courtyard by Marriott Orlando International Drive	Orlando, Florida	Sep-12	\$10,427,154	151	\$69,054	12.9%	199
Courtyard by Marriott Orlando International Drive	Orlando, Florida	Sep-12	\$10,289,046	149	\$69,054	9.5%	198
Courtyard by Marriott Orlando Airport	Oldsmar, Florida	Sep-12	\$11,000,000	99	\$111.111	8.3%	200
Residence Inn by Marriott Tampa Oldsmar	Oldsmar, Florida	Sep-12 Sep-12	\$9,200,000	78	\$111,111	8.3%	200
Residence Inn by Marriott Tampa Oldsmar Residence Inn by Marriott Clearwater Downtown	Clearwater, Florida	•	\$15,000,000	115	\$117,949	0.5%	200
Hilton Garden Inn Boca Raton	•	Aug-12 Jul-12		115		_	200
	Boca Raton, Florida		\$10,900,000		\$73,154	_	200
Hampton Inn & Suites Tallahassee I-10	Tallahassee, Florida	Jul-12	\$12,350,000	122	\$101,230	_	200

The following transactions involved hotels that have some degree of branding similitude with the subject property.



### FIGURE 10-4 REVIEW OF PERTINENT TRANSACTIONS (CONTINUED)

Property	Location	Sale Date	Price	Rooms	Price/Rm	Overall Cap	Year Opened
Courtyard Fort Lauderdale Coral Springs	Coral Springs, Florida	Jan-15	\$7,000,000	110	\$63,636	_	2000
Courtyard by Marriott Naples	Naples, Florida	Jan-15	\$12,300,000	102	\$120,588	_	1996
Courtyard by Marriott Addison Quorum Drive	Addison, Texas	Nov-14	\$24,143,261	176	\$137,178	_	2000
Courtyard by Marriott Reno	Reno, Nevada	Sep-14	\$16,000,000	117	\$136,752	_	2001
Courtyard by Marriott Philadelphia Langhorne	Langhorne, Pennsylvania	Feb-14	\$10,984,500	118	\$93,089	8.0%	2002
Courtyard by Marriott Raleigh North Triangle Town Center	Raleigh, North Carolina	Sep-13	\$14,800,000	109	\$135,780	8.2%	2010
Courtyard by Marriott Key Largo	Key Largo, Florida	Aug-13	\$14,000,000	91	\$153,846	_	1991
Courtyard by Marriott Tampa North	Tampa, Florida	Jul-13	\$6,650,000	81	\$82,099	_	1995
Courtyard by Marriott Paducah West	Paducah, Kentucky	Jun-13	\$7,000,000	100	\$70,000	_	1997
Courtyard by Marriott Marlborough	Marlborough, Massachusetts	Jun-13	\$23,980,000	202	\$118,713	_	1986
Courtyard by Marriott Cleveland Beachwood	Beachwood, Ohio	Mar-13	\$7,570,016	113	\$66,991	9.7%	1985
Courtyard by Marriott Santa Rosa	Santa Rosa, California	Feb-13	\$18,200,000	138	\$131,884	10.2%	1989
Courtyard by Marriott Columbus Downtown	Columbus, Ohio	Feb-13	\$11,850,000	149	\$79,530	_	1986
Courtyard by Marriott Providence Warwick	Warwick, Rhode Island	Feb-13	\$7,133,333	92	\$77,536	_	2003
Courtyard by Marriott Jacksonville Flagler Center	Jacksonville, Florida	Feb-13	\$9,350,000	120	\$77,917	_	2007
Courtyard by Marriott Sacramento Midtown	Sacramento, California	Feb-13	\$12,000,000	139	\$86,331	7.8%	2001
Courtyard by Marriott Seattle North Lynnwood Everett	Lynnwood, Washington	Jan-13	\$11,638,656	164	\$70,967	_	1999
Courtyard by Marriott Vacaville	Vacaville, California	Jan-13	\$10,000,000	127	\$78,740	_	1997
Courtyard by Marriott Missoula	Missoula, Montana	Dec-12	\$7,650,000	92	\$83,152	_	2005
Courtyard by Marriott Tampa Oldsmar	Oldsmar, Florida	Sep-12	\$11,000,000	99	\$111,111	8.3%	2003
Courtyard by Marriott Orlando International Drive	Orlando, Florida	Sep-12	\$10,427,154	151	\$69,054	12.9%	1990
Courtyard by Marriott Orlando Airport	Orlando, Florida	Sep-12	\$10,289,046	149	\$69,054	9.5%	1989
Courtyard by Marriott Ventura Oxnard	Oxnard, California	Aug-12	\$11,385,000	166	\$68,584	_	1976
Courtyard by Marriott Ewing Hopewell	Ewing, New Jersey	Aug-12	\$12,892,000	130	\$99,169	_	2004
Courtyard by Marriott Houston NASA Nassau Bay	Houston, Texas	Jul-12	\$14,632,000	124	\$118,000	_	2012

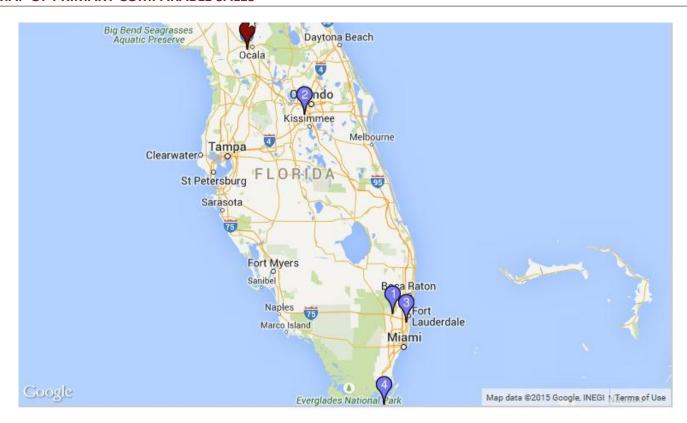
From these selected sales, we have chosen several primary transactions for further review and consideration in the development of an indication of value via this approach. These transactions are illustrated in the following table.

### FIGURE 10-5 SUMMARY OF SELECTED COMPARABLE SALES

Property	Location	Sale Date	Price	Rooms	Price/Rm	Overall Cap	Year Opened
DoubleTree by Hilton Sunrise Sawgrass Mills	Sunrise, Florida	May-14	\$35,375,000	250	\$141,500	_	2001
Hawthorn Suites by Wyndham Orlando Convention Center	Orlando, Florida	Jan-14	\$8,300,000	120	\$69,167	_	1991
Hampton Inn & Suites Fort Lauderdale Airport / South Cruise Port	Hollywood, Florida	Aug-13	\$16,233,933	104	\$156,096	8.6%	1996
Courtyard by Marriott Key Largo	Key Largo, Florida	Aug-13	\$14,000,000	91	\$153,846	-	1991



### **MAP OF PRIMARY COMPARABLE SALES**



	Property	Location	Sale Date	Price	Rooms	Price/Rm
<b>P</b>	Subject Property					
P	DoubleTree by Hilton Sunrise Sawgrass Mills	Sunrise, FL	May-2014	35,375,000	250	141,500
9	Hawthorn Suites by Wyndham Orlando Convention Center	Orlando, FL	Jan-2014	8,300,000	120	69,167
9	Hampton Inn & Suites Fort Lauderdale Airport / South Cruise Port	Hollywood, FL	Aug-2013	16,233,933	104	156,096
9	Courtyard by Marriott Key Largo	Key Largo, FL	Aug-2013	14,000,000	91	153,846

These sales are further detailed on the following pages.





Sale #1
DoubleTree by Hilton
Sunrise Sawgrass Mills
Sunrise, Florida
250 Rooms

#### TRANSACTION DATA

Date of Sale: May-14
Interest Conveyed: Fee Simple

Buyer: Southwest Value Partners
Seller: Long Wharf RE Partners
Sales Price: \$35,375,000

Price per Room: \$141,500
Occupancy (Jan 1, 2013 - Dec 31, 2013): 83.0%
Average Rate (Jan 1, 2013 - Dec 31, 2013): \$120
RevPAR (Jan 1, 2013 - Dec 31, 2013): \$100
Rooms Revenue Multiplier: 3.9

Reported Capitalization Rate: Not Disclosed Confirmation: RCA Data

#### **PROPERTY DATA**

Year Opened: 2001
Property Class: First Class

Facilities: # Stories: 9, # F&B Outlets: 1

Amenities: Laundry/Valet, Concierge, Garage/Parking, Room Service, Gift

Shop, Outdoor Pool, Fitness Center, Whirlpool

Condition at Sale: Good
Type of Location: Suburban

This property is located near the Sawgrass Expressway, adjacent to Sawgrass Mills. The hotel market area contains several businesses and demand generators including BB&T Center, Lago Mar Country Club, Plantation Promenade, Cleveland Clinic Florida, Everglades and Francis S. Taylor Wildlife Management Area, and the Fort Lauderdale–Hollywood International Airport. This property operated as a Crowne Plaza until 2012 when it was converted to a DoubleTree by Hilton. The property is managed by Dimension Development Company.





Sale #2 Hawthorn Suites by Wyndham Orlando Convention Center Orlando, Florida 120 Rooms

#### TRANSACTION DATA

Date of Sale: January-14 Interest Conveyed: Fee Simple

Buyer: GVL Hospitality LLC
Seller: Muniraj Enterprises Inc
Sales Price: \$8,300,000

Price per Room: \$69,167
Occupancy (Jan 1, 2013 - Dec 31, 2013): 74.0%
Average Rate (Jan 1, 2013 - Dec 31, 2013): \$67
RevPAR (Jan 1, 2013 - Dec 31, 2013): \$50
Rooms Revenue Multiplier: 3.8

Reported Capitalization Rate: Not Disclosed Confirmation: RCA data

#### **PROPERTY DATA**

Year Opened: 1991
Property Class: First Class
Facilities: # Stories: 5

Amenities: Business Center, Laundry/Valet, Outdoor Pool, Fitness Center,

Whirlpool
Condition at Sale: Good
Type of Location: Suburban

This property is located near Interstate 4, one-half mile from the Orange County Convention Center. The hotel market area contains several businesses and demand generators including SeaWorld Orlando, University of Central Florida Rosen College of Hospitality Management, The Florida Mall, Walt Disney World, and Orlando International Airport. At the time of sale, the new owners planned to conduct a brand-specific renovation to the property.





Sale #3
Hampton Inn & Suites
Fort Lauderdale Airport
/ South Cruise Port
Hollywood, Florida
104 Rooms

#### TRANSACTION DATA

Date of Sale:

Interest Conveyed:

Ruver:

Lightstone Val

Buyer: Lightstone Value Plus Real Estate
Seller: Baywood Hotels, Inc.

 Sales Price:
 \$16,233,933

 Price per Room:
 \$156,096

 Occupancy (Jan 1, 2012 - Dec 31, 2012):
 85.0%

 Average Rate (Jan 1, 2012 - Dec 31, 2012):
 \$105

 RevPAR (Jan 1, 2012 - Dec 31, 2012):
 \$89

 Rooms Revenue Multiplier:
 4.8

 Reported Capitalization Rate:
 8.6%

#### **PROPERTY DATA**

Confirmation:

Year Opened: 1996 Property Class: Mid-Scale

Facilities: # Stories: 5, # F&B Outlets: 1, Total SF Meeting Space: 648

Broker

Amenities: Conference/Convention Services, Business Center, Laundry/Valet,

Concierge, Garage/Parking, Room Service, Gift Shop, Outdoor

Pool, Fitness Center Good

Condition at Sale: Good
Type of Location: Highway

This property is located off Interstate 95, two miles from Fort Lauderdale-Hollywood International Airport. The hotel market area contains several businesses and demand generators including Anne Kolb Nature Center, ArtsPark at Young Circle, the Art and Culture Center of Hollywood, John U. Lloyd Beach State Park, Hollywood Beach, Port Everglades, and Memorial Regional Hospital. This property was sold along with the Hampton Inn Miami Airport West for a total of \$31,000,000. The property will undergo cosmetic upgrades. The hotel will continue to operate as a Hampton Inn & Suites and will be operated by ownership.





Sale #4 Courtyard by Marriott Key Largo Key Largo, Florida 91 Rooms

#### TRANSACTION DATA

Date of Sale: August-13 Interest Conveyed: Fee Simple

Ocean Properties, Ltd. Buyer: **Atlanta Properties** Seller: Sales Price: \$14,000,000 Price per Room: \$153,846 Occupancy (Jan 1, 2013 - Dec 31, 2013): 62.0% Average Rate (Jan 1, 2013 - Dec 31, 2013): \$161 RevPAR (Jan 1, 2013 - Dec 31, 2013): \$100 Rooms Revenue Multiplier: 4.2

Reported Capitalization Rate: Not Disclosed Confirmation: RCA data

#### **PROPERTY DATA**

Year Opened: 1991 Property Class: First Class

Facilities: # Stories: 3, # F&B Outlets: 2

Amenities: Laundry/Valet, Garage/Parking, Room Service, Outdoor Pool,

Fitness Center, Whirlpool Condition at Sale: Good

Type of Location: Highway

This property is located off the Overseas Highway, three miles from the John Pennekamp Coral Reef State park. The hotel market area contains several businesses and demand generators including Florida Keys National Marine Sanctuary, Dagny Johnson Key Largo Hammock Botanical State Park, and the Murray E. Nelson Government and Cultural Center. This property was part of a 5-hotel, 515-room Key Largo and Key West hotel portfolio that sold for a total of \$78,000,000. At the time of sale, the new owners planned to conduct renovations to all the properties. The hotels will be managed by ownership.



# Review of Comparable Sales

The following table sets forth the adjustment grid used to account for differences between the transacted properties and the subject property.

### FIGURE 10-6 COMPARABLE SALES ADJUSTMENT GRID

		Sale #1 Sale #2		<u>Sale #3</u>	<u>Sale #4</u>		
Elements of Comparison	Subject Property	DoubleTree by Hilton Sunrise Sawgrass Mills, Sunrise, Florida	Hawthorn Suites by Wyndham Orlando Convention Center, Orlando, Florida	Hampton Inn & Suites Fort Lauderdale Airport / South Cruise Port, Hollywood, Florida	: Courtyard by Marric Key Largo, Key Larg Florida		
Sale Price		\$35,375,000	\$8,300,000	\$16,233,933	\$14,000,000		
Number of Rooms	169	250	120	104	91		
Price per Room		\$141,500	\$69,167	\$156,096	\$153,846		
Year Open	1988	2001	1991	1996	1991		
Date of Sale	May-15	May-14	January-14	August-13	August-13		
Adjustments for Transaction Charac	teristics (Per Roor	n)					
Property Rights Conveyed	Fee Simple	Fee Simple	Fee Simple	Fee Simple	Fee Simple		
Adjustment		0.0 %	0.0 %		0.0	9	
Adjusted Sales Price		141,500	69,167	156,096	153,846		
Financing Terms		Cash Equivalent	Cash Equivalent	Cash Equivalent	Cash Equivalent		
Adjustment		0.0 %	0.0 %	0.0 %	0.0	9	
Adjusted Sales Price		141,500	69,167	156,096	153,846		
Conditions of Sale		Normal	Normal	Normal	Normal		
Adjustment		0.0 %	0.0 %	0.0 %	0.0	9	
Adjusted Sales Price		141,500	69,167	156,096	153,846		
Market Conditions		Inferior	Inferior	Inferior	Inferior		
Adjustment		10.0 %	10.0 %	10.0 %	10.0	9	
Adjusted Sales Price		155,650	76,083	171,705	169,231		
Adjusted Price		\$155,650	\$76,083	\$171,705	\$169,231		
Adjustments for Property Character	ristics						
Location/Market		Similar	Superior	Similar	Superior		
Adjustment		0.0 %	(5.0) %	6 0.0 %	(5.0)		
Physical Condition/Facilities		Superior	Similar	Similar	Similar		
Adjustment		(5.0) %	0.0 %	6 0.0 %	0.0		
Other Revenue Sources		Similar	Inferior	Inferior	Similar		
Adjustment		0.0 %	5.0 %	6 5.0 %	0.0		
Market Orientation (RevPAR)	\$60.26	\$99.60	\$49.58	\$89.25	\$99.82		
Adjustment		(39.5) %	21.5 %	6 (32.5) %	(39.6)		
Cumulative Percentage Adjustment		(44.5) %	21.5 %	6 (27.5) %	(44.6)		
Net Adjust. for Property Characteris	tics	(69,261)	16,389	(47,188)	(75,530)		
Adjusted Price Per Room		\$86,389	\$92,472	\$124,517	\$93,701		
Less: Capital Deduction		-14,793	-7,396	-7,396	-7,396		



## Property Rights Conveyed

The purpose of this assignment is the valuation of the fee simple interest in the subject property. This adjustment accounts for differences between the interest transferred for each of the comparable sales and that of the subject of the appraisal. All comparable sales represented the fee simple interest; thus, no adjustments for property rights conveyed were deemed necessary.

#### **Financing Terms**

The transaction price of a sale may be affected by the financing structure. When necessary, this adjustment converts extraordinary financing to market terms. All comparable sales represented cash transactions. Therefore, no adjustments were made for financing terms.

#### **Conditions of Sale**

The motivations of the buyer and/or seller may affect the price paid for a property. This adjustment reconciles any atypical aspects of the transaction, in conformance with the definition of market value. All transactions were considered to have normal conditions of sale; as such, no adjustments were applied.

#### **Market Conditions**

The purpose of this adjustment is to account for significant changes in external economic conditions between the date of sale and the date of value, including changes in tax laws, investor requirements, mortgage terms, and other factors that might affect real estate value. The lack of financing and more stringent underwriting terms, combined with limited investor interest, resulted in poor investment market conditions from the third quarter of 2008 into 2010. Beginning mid-year 2010, investor interest and the large volume of equity capital seeking quality hotel investments resulted in improved market conditions. In the latter half of 2011, market conditions regressed somewhat as investors and lenders became more cautious and capital was less available. This caution eased in early 2012, and market conditions returned to those that prevailed in late 2010 and early 2011. Beginning mid-year 2012, the cost and availability of mortgage capital improved significantly, with interest rates falling below the levels experienced at the peak of the market in 2006 and 2007. This trend continued through 2013 and 2014, with interest rates remaining low and loan-to-value ratios rising in response to increased lender interest in the hospitality sector. In recognition of the changing market conditions, adjustments were applied to all transactions.

## Location/Market Adjustments

The adjustment for differences in location or market is intended to consider any specific locational attributes that would influence the value of the hotel over and above the influence reflected in the revenue levels achieved by the property. Typically, these influences are tied to the characteristics of the site and are most common when an asset is in a location or market that has high barriers to entry. A downward adjustment for location/market characteristics was applied to the transaction noted as Sale #2 to reflect the premium attributable to its location in a comparatively stronger real estate market and to Sale #4 to reflect the premium

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attributable to its location in a market with high barriers to entry. No other adjustments for location or market characteristics were deemed necessary.

#### Physical Condition/ Facilities Adjustments

Adjustments for physical condition or facilities address differences in the age of the property at the time of sale, as well as the array of facilities available. A downward adjustment for physical condition was applied to the transaction noted as Sale #1 given the asset's more recent date of construction and newer physical plant, considered superior to the subject property. The remaining assets were deemed to have similar facilities and ages; therefore, no adjustments were applied to these sales. The above-discussed adjustments for physical condition address the age of the subject property and array of facilities and amenities, as compared to the comparable sales. Adjustments must be made to recognize differences in the condition of the facilities. The subject property is currently in need of renovations in order to meet Courtyard by Marriott brand standards, and a \$2,500,000 renovation (\$14,973 per room) is required. The asset represented in the transaction noted as Sale #1 was in good condition at the time of sale and was not expected to undergo any renovations immediately following the sale. As such, the sales price was adjusted by the per-room renovation cost of the subject property. The remaining sales were scheduled to undergo renovations that were less extensive and thus less expensive than those planned for the subject property; thus, the condition of these properties as of the date of sale were superior to the condition of the subject property. To account for these differences, the sales prices have been adjusted by the net difference between the per-room renovation cost of the subject property and an estimated cost for each of the comparable sales.

## Other Revenue Adjustments

Adjustments for other revenue sources and additional facilities are necessary to account for significant differences in revenue sources, such as food and beverage outlets, meeting space, or other operating departments, aside from rooms. Downward adjustments for additional revenue sources were applied to the transactions noted as Sales #2 and #3 given the assets' inferior limited-service product types and their lack of revenue-generating restaurants. All other properties were deemed to have generally similar facilities and revenue sources; therefore, no adjustments were applied to the remaining sales.

#### **RevPAR Adjustments**

Hotels are purchased and sold on their ability to generate revenue and net income. Thus, we find that a reliable way to adjust hotel sales is by comparing RevPARs. Revenue per available room inherently reflects the relative revenue-producing ability of each of the comparable sales, the primary consideration of hotel purchasers. The best way to adjust comparable hotel sales is to calculate the difference between a comparable hotel's RevPAR at the time of sale with the subject property's RevPAR. RevPAR adjustments also inherently account for differences in physical condition and the passage of time. As such, we have adjusted the per-room sales price for each sale by the percentage differential



between the subject hotel's base-year RevPAR and that of each property at the time of its sale.

Therefore, we have applied adjustments based on these factors.

**Conclusion** 

Prior to adjustments, the comparable sales transacted for amounts ranging from \$69,000 to \$156,000 per room. Following quantitative and qualitative adjustments, we have positioned an appropriate value at \$72,000 to \$117,000 per room, or \$12,100,000 to \$19,800,000, for the 169-room subject property.



## 11. Cost Approach

Market value is determined via the cost approach by first estimating the market value of the subject land as if vacant and available for its highest and best use, and then adding the cost to construct the subject improvements. Market participants tend to take into consideration the cost to develop a new hotel or motel with optimal physical and functional utility when forming their purchase decisions regarding existing properties. The principle of substitution, which is basic to the cost approach, affirms that no prudent investor would pay more for a property than the cost to acquire the site and construct comparable improvements without undue delay.

As addressed in prior sections of this report, the cost approach has limited utility in the valuation of existing hotels. The quantification of external and incurable functional obsolescence is based on numerous adjustments. It is our experience that knowledgeable purchasers of complex hotel properties are more concerned with the economics of the investment. Therefore, the cost approach has little significance. In light of its minimal value and the difficulty in quantifying the varying sources of depreciation, we have not utilized the cost approach in estimating the value of the subject property. However, we have estimated the market value of the site and the replacement cost of the subject property's improvements for insurance purposes.

**Land Valuation** 

Land value may be estimated in a variety of ways including the sales comparison approach and the allocation, extraction, or ground rent capitalization methods. For the majority of hostelry properties, the two primary methods used are the sales comparison approach and the ground-lease capitalization approach.

Ground Lease
Approach to Land
Value

Hotels are often constructed on leased land. While the lease terms differ somewhat from property to property, the basis for the rental calculation is often tied to a percentage of revenue formula. Using the forecasted revenues for the subject property and applying a typical hotel ground-lease rental formula, the appraiser is able to determine the hotel's economic rental (the income attributed to the land). The land value can then be estimated by capitalizing the hypothetical ground rent. The self-adjusting aspect of this approach is a key element to its reliability.

We have researched actual long-term ground leases encumbering hotels. The following tables summarize our findings, showing the property, its room count, and its rental formula.



#### FIGURE 11-1 SUMMARY OF HOTEL GROUND LEASES

					ed on Year 1 Fore Property Revenue	
Hotel and Location		Number of Rooms	Ground Lease Formula	Dollar Amount (+000)	% of Rooms Revenue	% of Total Revenue
Park Ridge Marriott	Park Ridge, NJ	289	2.75% of total gross revenues, against a minimum	\$123	3.0%	2.8%
Holiday Inn Riverwalk	San Antonio, TX	313	2.5% of rooms revenue, 1% of food and beverage revenue, and 2% of other income	\$105	2.6%	2.4%
Marriott Biscayne Bay	Miami, FL	605	4% of rooms revenue and 3% of food and beverage revenue, against a minimum of \$1,000,000	\$173	4.2%	3.9%
Parkview Executive	Trumbull, CT	324	3% of rooms revenue, against a small minimum	\$122	3.0%	2.7%
Marriott Hotel	Tulsa, OK	338	3% of rooms revenue, against a small minimum	\$122	3.0%	2.7%
Marriott Medical Center	Houston, TX	389	3% of rooms revenue up to \$15,000,000 and 3.25% above \$15,000,000, against a small minimum	\$122	3.0%	2.7%
Marriott Denver West	Golden, CO	307	Years 1-3: 3% of rooms revenue, years 4-6: 3.5% of rooms revenue, years 7+: 4% of rooms revenue; if hotel is expanded, rent is 5% of rooms revenue	\$143	3.5%	3.2%
Marriott Albuquerque	Albuquerque, NM	412	3.5% of rooms revenue, against a minimum	\$143	3.5%	3.2%
Hotel Meridien	New Orleans, LA	505	Greater of 2.5% of rooms revenue, 1.25% of total revenue, or \$425,000	\$102	2.5%	2.3%
Marriott Hotel	Overland Park, KS	404	3% of rooms revenue, against a small minimum	\$122	3.0%	2.7%
Four Seasons	Los Angeles, CA	349	Years 1-5: \$900,000 annually; thereafter, the greater of \$1,500,000 annually, 10.8% of the market value of the land, or 5% of the gross revenue of the proceeding 12 months	\$204	5.0%	4.6%



#### FIGURE 11-2 SUMMARY OF HOTEL GROUND LEASES (CONTINUED)

					ed on Year 1 Fore Property Revenue	
Hotel and Location		Number of Rooms	Ground Lease Formula	Dollar Amount (+000)	% of Rooms Revenue	% of Total Revenue
Marriott Hotel	Woodland Hills, CA	473	The greater of \$550,000 annually or 5% of rooms revenue; percentage rent is not to exceed 25% of a stipulated cash flow level	\$204	5.0%	4.6%
Doubletree Desert Princess	Cathedral City, CA	289	Years 2-6: 2% of gross revenue; years 7-15: 2.5% of gross revenue; years 16-25: 3% of gross revenue; years 26-50: 4% of gross revenue; years 51-66: 4.5% of gross revenue	\$112	2.7%	2.5%
Proposed Doubletree	Hermosa Beach, CA	250	Year 1: \$125,000; year 2: \$175,000; year 3: \$225,000; year 4: \$350,000; years 4-14: 4% of rooms revenue; years 15-19: 5% of rooms revenue; years 20-55: 6% of rooms revenue	\$163	4.0%	3.7%
San Francisco Airport	Burlingame, CA	695	Year 1: 5% of rooms revenue; year 2: 5.25% of rooms revenue; years 3+: 5.5% of rooms revenue, against a minimum	\$224	5.5%	5.0%
Ritz-Carlton Hotel	Rancho Mirage, CA	250	Year 1: 0.5% of total revenue; year 2: 1.0% of total revenue; year 3: 1.5% of total revenue; year 4+: 5.0% of total revenue	\$223	5.5%	5.0%
Hyatt Regency	Sacramento, CA	508	Years 1-10: 2% of gross revenue; years 11+: 3% of gross revenue	\$134	3.3%	3.0%
San Francisco Marriott	San Francisco, CA	1,500	Years 1-8: \$1.05 million or 4% of gross rooms revenue or 2% of remaining revenue; year 9+: \$1.5 million	\$163	4.0%	3.7%
Doubletree Hotel	Santa Clara, CA	500	Years 1-3: \$0; years 4-5: 3% of rooms revenue and 2% of food and beverage revenue; years 6-9: 3.5% of rooms revenue and 2% of food and beverage revenue; years 10-15: 4.5% of rooms revenue and 2% of food and beverage revenue; year 16+: 4.5% of rooms revenue and 3% of food and beverage revenue	\$190	4.7%	4.3%

## **HVS**

Our analysis of these ground lease rental formulas indicates that economic ground rents for hotels such as the subject property typically range from approximately 2% to 5% of rooms revenue. Hotels with significant land relative to room count, hotels in resort areas, or hotels in land-sparse downtown markets may command higher ground rent.

Based on the revenue projections set forth for the subject property as part of this appraisal, the following table shows how the economic ground rent has been calculated. We have utilized a ground rent percentage of 3.0% in our analysis.

Forecast Year One Rooms Revenue	\$4,077,000
Rental Percentage	3.0 %
Economic Ground Rent	\$122,310

Rent generated from an unsubordinated ground lease represents a low-risk flow of income. Because the tenant improvements typically amount to more than five times the value of the land, the risk of default is almost nonexistent. For hotel ground leases where rent is tied to revenue, the property owner is also protected from the adverse effects of inflation. Based on these minimal risk factors and the current cost of long-term capital, it is our opinion that the appropriate ground rent overall capitalization rate would be as indicated in the following table because of the aforementioned low level of risk. Based on our analysis of the subject property, we have selected a capitalization rate of 8.0%.

Applying the indicated capitalization rate to the subject property's economic ground rent results in the following estimate of land value.

This conclusion has been rounded to \$1,500,000 in the remainder of our analysis.

#### **Personal Property**

In a hotel, the personal property consists of the furniture, fixtures, and equipment (FF&E) and the inventories in place at the subject property as of the date of value. USPAP defines personal property as "identifiable tangible objects that are considered by the general public as being 'personal' – for example, furnishings,



artwork, antiques, gems and jewelry, collectibles, machinery and equipment; all tangible property that is not classified as real estate."<sup>15</sup>

In accordance with the Uniform Standards of Professional Appraisal Practice (USPAP), the appraisers have delineated the market value of the subject hotel's personal property. Most furnishings in a hotel can command little more than a salvage value substantially lower than the original cost when sold separately from the improvements. Personal property has been valued based on the depreciated replacement cost of the FF&E. Personal property is an integral part of a transient lodging facility.

The allocation of a portion of the overall hotel's value to the personal property is not explicitly considered by hotel investors in making their pricing decisions. Lodging facilities are usually sold with their personal property in place. In a transaction, any operating supplies or inventories are negotiated as part of the closing statement adjustments.

The following table sets forth a depreciation schedule developed by HVS for determining the market value, or "value in exchange," of a hotel's FF&E. The depreciation estimates represent the average depreciation applicable to the entirety of a hotel's personal property; these have been applied to the original cost of the FF&E.

FIGURE 11-3 FURNITURE, FIXTURES, AND EQUIPMENT DEPRECIATION SCHEDULE

Average Age	Percent
(Years)	Depreciated
1	40 %
2	60
3	70
4	75
5	80
6	85
7	89
8	92
9	95
10	98
Sou	rce: HVS

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<sup>15</sup> Ibid.

## **ĤVS**

We estimate the total replacement cost of the subject property's FF&E at \$18,000 per available room, or a total of \$3,042,000. Assuming an average economic life of ten years and an effective age of six, the value of the FF&E currently in place is approximately \$3,000 per room, or a total of \$460,000 (rounded). This is calculated using an accelerated depreciation schedule, which estimates total depreciation of a hotel's furnishings after six years at 85.0%. As of the "when complete" value date, the effective age, considering any replacements that are expected to occur prior to this date, is estimated to be 2 year(s). Using an adjusted replacement cost per room of \$18,400 and a depreciation factor of 60%, the estimated value of the personal property is \$1,240,000.

#### Replacement Cost for Insurance Purposes

At the client's request, we have estimated the replacement cost for the subject property's building and contents for insurance purposes. One of the nationally recognized authorities on replacement cost information is Marshall & Swift, and HVS uses the Commercial Estimator computer software program produced by Marshall & Swift. As defined by Marshall & Swift, the replacement cost of a building is the total cost of construction required to replace the subject building with a substitute of like or equal utility using current standards of materials and design. These costs include labor, materials, supervision, contractors' profit and overhead, architects' plans and specifications, sales taxes, and insurance. The Marshall & Swift costs also contain the normal interest on the actual building funds during period of construction; normal site preparation including the excavation and grading for foundation, as well as backfill for the structure only and the finish of foundation; and utilities from structure to lot line figured for typical setback. Although generally reliable, the data used to compile this estimate provide only a rough indication of what the replacement cost of the property may be.

For the purpose of developing a replacement cost estimate using the Marshall & Swift Commercial Estimator program, the building has been classified as a Class B, Rank 3 hotel structure. Based on information obtained from the subject property's ownership or management, the total area of the building is estimated to be 97,174 square feet. The following chart reflects the summary of the Marshall & Swift estimate.



JRE 11-4 MARSHALI	L & SWIFT EST	TIMATE	
Date of Query:			May 14, 2015
Occupancy:			select-service
Class:			Class B
Height (Feet):			10
Rank:			3
Гotal Area (Square Feet):			97,174
Number of Stories (Section):			3
Number of Elevators:			3
Shape:			4
Number of Rooms:			169
Basic Structure	Unit	Cost Per SF	Total
Base Cost	97,174	\$116.84	\$11,353,810
Exterior Walls	97,174	25.28	2,456,559
Heating & Cooling	97,174	11.72	1,138,879
Elevator (s)	97,174	2.47	240,411
	97,174	2.59	251,681
Sprinklers			
Sprinklers		Total Cost:	\$15,441,340
Sprinklers		Total Cost: Rounded to:	\$15,441,340 \$15,400,000

As previously detailed, our estimate of the replacement cost of furniture, fixtures, and equipment is \$3,042,000.

For the purpose of estimating replacement cost for insurance purposes, only hard or direct construction costs should be reflected; therefore, certain exclusions need to be taken into consideration. An adjustment for exclusions is made to account for the portion of the construction which is not covered by a policy but which is included in the Marshall & Swift replacement cost estimate. Exclusions typically constitute 5.0% to 10.0% of the replacement cost and include items such as landscaping, parking, other yard improvements, and the foundation or substructure. In this analysis, a 10.0% adjustment was made to the replacement cost of the hotel to account for these exclusions. The estimated replacement cost of the personal property is then added to the adjusted replacement cost of the building. Our opinion of the replacement cost for insurance purposes is presented in the following table.



#### FIGURE 11-5 ESTIMATE OF REPLACEMENT COST FOR INSURANCE PURPOSES

Replacement Cost of Building:	\$15,400,00
Less Exclusions (10%)	1,540,00
Insurable Value of Structures	\$13,860,000
Plus Furniture, Fixtures, & Equipment	\$3,042,000
Total Insurable Value:	\$16,902,000
Rounded to:	\$16,900,000
Per Room:	\$100,000

This analysis should not be relied upon to determine actual insurance coverage, which can be properly estimated only by consultants considered experts in cost estimation and insurance underwriting. It is provided to aid in the overall decision-making process of the client/reader/user, and no representations or warranties are made by HVS regarding the accuracy of this estimate. We strongly recommend that other sources be utilized when considering replacement costs and property insurance estimates.



### 12. Reconciliation of Value Indications

The reconciliation, which is the last step in the appraisal process, involves summarizing and correlating the data and procedures employed throughout the analysis. The final value conclusion is arrived at after reviewing the estimates indicated by the income capitalization and sales comparison approaches. The relative significance, applicability, and defensibility of each indicated value are considered, and the greatest weight is given to that approach deemed most appropriate for the property being appraised.

The purpose of this report is to estimate the market value of the fee simple interest in the subject property; our appraisal involves a careful analysis of the property itself and the economic, demographic, political, physical, and environmental factors that influence real estate values.

Income Capitalization Approach

To estimate the subject property's value via the income capitalization approach, we have analyzed the local market for transient accommodations, examined the competitive environment, projected occupancy and average rate levels, and developed a forecast of income and expense that reflects anticipated income trends and cost components through a stabilized year of operation. The subject property's projected net income before debt service was allocated to the mortgage and equity components based on market rates of return and loan-to-value ratios. Through a discounted cash flow and income capitalization procedure, the value of each component was calculated; the total of the mortgage and equity components equates to the value of the property.

Our nationwide experience indicates that the procedures used in estimating market value by the income capitalization approach are comparable to those employed by the hotel investors who constitute the marketplace. For this reason, we believe that the income capitalization approach produces the most supportable value estimate, and it is given the greatest weight in our final estimate of the subject property's market value.

Sales Comparison Approach The sales comparison approach uses actual sales of similar properties to provide an indication of the subject property's value. Although we have investigated a number of sales in an attempt to develop a range of value indications, several adjustments are necessary to render these sales prices applicable to the subject property. The adjustments, which tend to be subjective, diminish the reliability of the sales comparison approach; furthermore, typical hotel investors employ a sales comparison procedure only to establish broad value parameters.



The hotel sales outlined earlier in this report indicate an adjusted value range of \$72,000 to \$117,000 per available room. The income capitalization approach indicates a per room value of \$92,900 (rounded). This information supports the value indicated by the income capitalization approach.

#### **Cost Approach**

Value Conclusion

As discussed in the Cost Approach section, due to the practices of typical hotel buyers and sellers in today's market, the cost approach was not employed in arriving at an "as is" market value estimate.

Careful consideration has been given to the strengths and weaknesses of the three approaches to value discussed above. In recognition of the purpose of this appraisal, we have given primary weight to the value indicated by the income capitalization approach.

Based on our analysis, it is our opinion that the "as is" market value of the fee simple interest in the real and personal property of the Courtyard by Marriott Ocala, as of May 14, 2015, is:

#### \$15,700,000

#### FIFTEEN MILLION SEVEN HUNDRED THOUSAND DOLLARS

This value estimate equates to \$92,900 per room. Based on our analysis, it is our opinion that the "when complete" prospective market value of the fee simple interest in the real and personal property of the Courtyard by Marriott Ocala, as of May 31, 2016, is:

#### \$19,000,000

#### NINETEEN MILLION DOLLARS

This "when complete" value estimate equates to \$112,400 per room. The estimates of market value include the land (if applicable), the improvements, and the furniture, fixtures, and equipment. The appraisal assumes that the hotel is open and operational.

This appraisal is subject to the extraordinary assumption that a capital deduction will be required to fund necessary upgrades for the subject property. The use of this extraordinary assumption may have affected the assignment results. Moreover, several important general assumptions have been made that apply to this appraisal and our valuations of hotels in general. These items are set forth in the Assumptions and Limiting Conditions chapter of this report. We have made no assumptions of hypothetical conditions in our report.



## 13. Statement of Assumptions and Limiting Conditions

- 1. This report is to be used in whole and not in part.
- 2. No responsibility is assumed for matters of a legal nature, nor do we render any opinion as to title, which is assumed marketable and free of any deed restrictions and easements. The property is valued as though free and clear unless otherwise stated.
- 3. We assume that there are no hidden or unapparent conditions of the subsoil or structures, such as underground storage tanks, that would render the property more or less valuable. No responsibility is assumed for these conditions or for any engineering that may be required to discover them.
- 4. We have not considered the presence of potentially hazardous materials such as asbestos, urea-formaldehyde-foam insulation, any form of toxic waste, polychlorinated biphenyls (PCB), pesticides, mold, or lead-based paints. The appraisers are not qualified to detect hazardous substances, and we urge the client to retain an expert in this field if desired.
- 5. The Americans with Disabilities Act (ADA) became effective on January 26, 1992. We have conducted no specific compliance survey to determine whether the subject property has been designed in accordance with the various detailed requirements of the ADA. It is possible that the design does not conform to the requirements of the act, and this could have an unfavorable effect on value. Because we have no direct evidence regarding this issue, our estimate of value does not consider possible non-compliance with the ADA.
- 6. We have made no survey of the property, and we assume no responsibility in connection with such matters. Sketches, photographs, maps, and other exhibits are included to assist the reader in visualizing the property. It is assumed that the use of the described real estate is within the boundaries of the property described, and that there is no encroachment or trespass unless noted.
- 7. All information, financial operating statements, estimates, and opinions obtained from parties not employed by MM&R Valuation Services, Inc. are assumed true and correct. We can assume no liability resulting from misinformation.
- 8. Unless noted, we assume that there are no encroachments, zoning violations, or building violations encumbering the subject property.



- 9. The property is assumed to be in full compliance with all applicable federal, state, local, and private codes, laws, consents, licenses, and regulations (including a liquor license where appropriate), and that all licenses, permits, certificates, franchises, and so forth can be freely renewed or transferred to a purchaser.
- 10. All mortgages, liens, encumbrances, leases, and servitudes have been disregarded unless specified otherwise.
- 11. None of this material may be reproduced in any form without our written permission, and the report cannot be disseminated to the public through advertising, public relations, news, sales, or other media.
- 12. We are not required to give testimony or attendance in court because of this analysis without previous arrangements, and shall do so only when our standard per-diem fees and travel costs have been paid prior to the appearance.
- 13. If the reader is making a fiduciary or individual investment decision and has any questions concerning the material presented in this report, it is recommended that the reader contact us.
- 14. We take no responsibility for any events or circumstances that take place subsequent to either the date of value or the date of our field inspection, whichever occurs first.
- 15. The quality of a lodging facility's onsite management has a direct effect on a property's economic viability and value. The financial forecasts presented in this analysis assume responsible ownership and competent management. Any departure from this assumption may have a significant impact on the projected operating results and the value estimate.
- 16. The financial analysis presented in this report is based upon assumptions, estimates, and evaluations of the market conditions in the local and national economy, which may be subject to sharp rises and declines. Over the projection period considered in our analysis, wages and other operating expenses may increase or decrease because of market volatility and economic forces outside the control of the hotel's management. We assume that the price of hotel rooms, food, beverages, and other sources of revenue to the hotel will be adjusted to offset any increases or decreases in related costs. We do not warrant that our estimates will be attained, but they have been developed based upon information obtained during the course of our market research and are intended to reflect the expectations of a typical hotel buyer as of the stated date(s) of valuation.



- 17. This analysis assumes continuation of all Internal Revenue Service tax code provisions as stated or interpreted on either the date of value or the date of our field inspection, whichever occurs first.
- 18. Many of the figures presented in this report were generated using sophisticated computer models that make calculations based on numbers carried out to three or more decimal places. In the interest of simplicity, most numbers have been rounded to the nearest tenth of a percent. Thus, these figures may be subject to small rounding errors.
- 19. It is agreed that our liability to the client is limited to the amount of the fee paid as liquidated damages. Our responsibility is limited to the client, and use of this report by third parties shall be solely at the risk of the client and/or third parties. The use of this report is also subject to the terms and conditions set forth in our engagement letter with the client.
- 20. Although this analysis employs various mathematical calculations to provide value indications, the final estimate is subjective and may be influenced by our experience and other factors not specifically set forth in this report.
- 21. Any distribution of the total value between the land and improvements or between partial ownership interests applies only under the stated use. Moreover, separate allocations between components are not valid if this report is used in conjunction with any other analysis.
- 22. Our report has been prepared in accordance with, and is subject to, the requirements of the Financial Institutions Reform, Recovery, and Enforcement Act (FIRREA) and the Uniform Standards of Professional Practice (USPAP), as provided by the Appraisal Foundation.
- 23. This study was prepared by MM&R Valuation Services, Inc.. All opinions, recommendations, and conclusions expressed during the course of this assignment are rendered by the staff of MM&R Valuation Services, Inc. as employees, rather than as individuals.

## **ĤVS**

### 14. Certification

The undersigned hereby certify that, to the best of our knowledge and belief:

- 1. the statements of fact presented in this report are true and correct;
- 2. the reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and are our personal, impartial, and unbiased professional analyses, opinions, and conclusions;
- 3. we have no (or the specified) present or prospective interest in the property that is the subject of this report and no (or the specified) personal interest with respect to the parties involved;
- 4. we have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment;
- 5. our engagement in this assignment was not contingent upon developing or reporting predetermined results;
- 6. our compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal;
- 7. our analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice;
- 8. Heidi S. Nielsen personally inspected the property described in this report; Janet L. Snyder participated in the analysis and reviewed the findings, but did not personally inspect the property;
- 9. Heidi S. Nielsen provided significant real property appraisal assistance to Janet L. Snyder, and that no one other than those listed above and the undersigned prepared the analyses, conclusions, and opinions concerning the real estate that are set forth in this appraisal report;
- 10. Janet L. Snyder has not performed services, as an appraiser or in any other capacity, on the property that is the subject of this report within the three-year period immediately preceding acceptance of this assignment;
- 11. the reported analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the requirements of the Code

May-2015 Certification
Courtyard by Marriott Ocala – Ocala, Florida



- of Professional Ethics and the Standards of Professional Appraisal Practice of the Appraisal Institute;
- 12. the use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives; and
- 13. as of the date of this report, Janet L. Snyder has completed the Standards and Ethics Education Requirements for Candidates of the Appraisal Institute.

Janet L. Snyder

Senior Vice President

MM&R Valuation Services, Inc.

State Appraiser License (FL) RZ3639



## **Penetration Explanation**

Let us illustrate the penetration adjustment with an example.

A market has three existing hotels with the following operating statistics:

#### **BASE-YEAR OCCUPANCY AND PENETRATION LEVELS**

	Number		N	leeting and			
Property	of Rooms	Fair Share	Commercial	Group	Leisure	Occupancy	Penetration
Hotel A	100	23.5 %	60 %	20 %	20 %	75.0 %	100.8 %
Hotel B	125	29.4	70	10	20	65.0	87.4
Hotel C	200	47.1	30	60	10	80.0	107.5
Totals/Average	425	100.0 %	47 %	38 %	15 %	74.4 %	100.0 %

Based upon each hotel's room count, market segmentation, and annual occupancy, the annual number of room nights accommodated in the market from each market segment can be quantified, as set forth below.

#### **MARKET-WIDE ROOM NIGHT DEMAND**

Α	nnual Room	
Market	Night	Percentage o
Segment	Demand	Total
Commercial	54,704	47.4 %
Meeting and Group	43,481	37.7
Leisure	17,246	14.9
Total	115,431	100.0 %

The following discussion will be based upon an analysis of the commercial market segment. The same methodology is applied for each market segment to derive an estimate of a hotel's overall occupancy. The table below sets forth the commercial demand accommodated by each hotel. Each hotel's commercial penetration factor is computed by:



- 1) calculating the hotel's market share % of commercial demand (commercial room nights accommodated by subject hotel divided by total commercial room nights accommodated by all hotels) and
- 2) dividing the hotel's commercial market share % by the hotel's fair share %

The following table sets forth each hotel's fair share, commercial market share, and commercial penetration factor.

#### **COMMERCIAL SEGMENT PENETRATION FACTORS**

	Number		Commercial	Commercial	Commercial
Property	of Rooms	Fair Share	Capture	Market Share	Penetration
Hotel A	100	23.5 %	16,425	30.0 %	127.6 %
Hotel B	125	29.4	20,759	37.9	129.0
Hotel C	200	47.1	17,520	32.0	68.1
Totals/Average	425	100.0 %	54,704	100.0 %	100.0 %

If a new 100-room hotel enters the market, the fair share of each hotel changes because of the new denominator, which has increased by the 100 rooms that have been added to the market.

#### **COMMERCIAL SEGMENT FAIR SHARE**

	Number of	
Property	Rooms	Fair Share
Hotel A	100	19.0 %
Hotel B	125	23.8
Hotel C	200	38.1
New Hotel	100	19.0
Total	525	100.0 %

The new hotel's penetration factor is projected for its first year of operation. It is estimated that the hotel will capture (penetrate) only 85% of its fair share as it establishes itself in the market. The new hotel's market share and room night capture can be calculated based upon the hotel's estimated penetration factor. When the market share of the existing hotels and that of the new hotel are added up, they no longer equal 100% because of the new hotel's entry into the market.



The market share of each hotel must be adjusted to reflect the change in the denominator that comprises the sum of each hotel's market share.

This adjustment can be mathematically calculated by dividing each hotel's market share percentages by the new denominator of 97.1%. The resulting calculations reflect each hotel's new adjusted market share. The sum of the adjusted market shares equals 100%, indicating that the adjustment has been successfully completed. Once the market shares have been calculated, the penetration factors can be recalculated (adjusted market share divided by fair share) to derive the adjusted penetration factors based upon the new hotel's entry into the market. Note that each existing hotel's penetration factor actually increases because the new hotel is capturing (penetrating) less than its fair share of demand.

#### **COMMERCIAL SEGMENT PROJECTIONS (YEAR 1)**

	Number		Hist./Proj. Penetration	Hist./Proj. Market	Adjusted Market	Adjusted Penetration	Projected
Property	of Rooms	Fair Share	Factor	Share	Share	Factor	Capture
Hotel A	100	19.0 %	127.6 %	24.3 %	25.0 %	131.4 %	13,688
Hotel B	125	23.8	129.0	30.7	31.6	132.8	17,299
Hotel C	200	38.1	68.1	25.9	26.7	70.1	14,600
New Hotel	100	19.0	85.0	16.2	16.7	87.5	9,117
Totals/Average	525	100.0 %		97.1 %	100.0 %		54,704

In its second year of operation, the new hotel is projected to penetrate above its fair share of demand. A penetration rate of 130% has been chosen, as the new hotel is expected to perform at a level commensurate with Hotel A and Hotel B in this market segment. The same calculations are performed to adjust market share and penetration factors. Note that now the penetration factors of the existing hotels decline below their original penetration rates because of the new hotel's above-market penetration. Also, note that after the market share adjustment, the new hotel retains a penetration rate commensurate with Hotel A and Hotel B, though the penetration rates of all three hotels have declined by approximately nine percentage points because of the reapportionment of demand.

Once the market shares of each hotel have been adjusted to reflect the entry of the new hotel into the market, the commercial room nights captured by each hotel may be projected by multiplying the hotel's market share percentage by the total commercial room-night demand. This calculation is shown below.



### **COMMERCIAL SEGMENT PROJECTIONS (YEAR 2)**

	Number		Hist./Proj. Penetration	Hist./Proj. Market	Adjusted Market	Adjusted Penetration	Projected
Property	of Rooms	Fair Share	Factor	Share	Share	Factor	Capture
Hotel A	100	19.0 %	131.4 %	25.0 %	23.1 %	121.5 %	12,662
Hotel B	125	23.8	132.8	31.6	29.3	122.9	16,004
Hotel C	200	38.1	70.1	26.7	24.7	64.8	13,507
New Hotel	100	19.0	130.0	24.8	22.9	120.3	12,531
Totals/Average	525	100.0 %		108.1 %	100.0 %		54,704



## **Explanation of the Simultaneous Valuation Formula**

The algebraic equation known as the simultaneous valuation formula, which solves for the total property value using a ten-year mortgage and equity technique, was developed by Suzanne R. Mellen, CRE, MAI, FRICS, ISHC, Senior Managing Director of the San Francisco office of HVS. A complete discussion of the technique is presented in her article entitled "Simultaneous Valuation: A New Technique." <sup>16</sup>

The process of solving for the value of the mortgage and equity components begins by deducting the annual debt service from the projected income before debt service, leaving the net income to equity for each year. The net income as of the eleventh year is capitalized into a reversionary value using the terminal capitalization rate. The equity residual, which is the total reversionary value less the mortgage balance at that point in time and less any brokerage and legal costs associated with the sale, is discounted to the date of value at the equity yield rate. The net income to equity for each projection year is also discounted back to the date of value. The sum of these discounted values equals the value of the equity component. Because the equity component comprises a specific percentage of the total value, the value of the mortgage and the total property can be computed easily. This process can be expressed in two algebraic equations that set forth the mathematical relationships between the known and unknown variables using the following symbols.

<sup>&</sup>lt;sup>16</sup>Suzanne R. Mellen. "Simultaneous Valuation: A New Technique," *Appraisal Journal*, April, 1983.



NI	=	Net income available for debt service
V	=	Value
M	=	Loan-to-value ratio
f	=	Annual debt service constant
n	=	Number of years in the projection period
$d_{\text{e}}$	=	Annual cash available to equity
$d_{r}$	=	Residual equity value
b	=	Brokerage and legal cost percentage
P	=	Fraction of the loan paid off during the projection period
$f_p$	=	Annual constant required to amortize the entire loan during the projection period
$R_r$	=	Overall terminal capitalization rate that is applied to net income to calculate the total property reversion (sales price at the end of the projection period)
1/S <sup>n</sup>	=	Present worth of \$1 factor (discount factor) at the equity yield rate

Using these symbols, the following formulas can be used to express some of the components of this mortgage and equity valuation process.

**Debt Service** – A property's debt service is calculated by first determining the mortgage amount that equals the total value (V) multiplied by the loan-to-value ratio (M). Debt service is derived by multiplying the mortgage amount by the annual debt service constant (f). The following formula represents debt service.

 $f \times M \times V = Debt Service$ 

Net Income to Equity (Equity Dividend) – The net income to equity  $(d_e)$  is the property's net income before debt service (NI) less debt service. The following formula represents the net income to equity.

$$NI - (f \times M \times V) = d_e$$

**Reversionary Value** – The value of the hotel at the end of the tenth year is calculated by dividing the eleventh-year net income before debt service (NI $^{11}$ ) by the terminal capitalization rate ( $R_r$ ). The following formula represents the property's tenth-year reversionary value.

$$(NI^{11}/R_r)$$
 = Reversionary Value

Brokerage and Legal Costs – When a hotel is sold, certain costs are associated with the transaction. Normally, the broker is paid a commission and the attorney collects legal fees. In the case of hotel transactions, brokerage and legal costs typically range from 1% to 4% of the sales price. Because these expenses reduce the proceeds to the seller, they are usually deducted from the reversionary value in the mortgage and equity valuation process. Brokerage and legal costs (b), expressed as a percentage of reversionary value (NI¹¹/Rr), are calculated by application of the following formula.

b (
$$NI^{11}/R_r$$
) = Brokerage and Legal Costs

**Ending Mortgage Balance** – The mortgage balance at the end of the tenth year must be deducted from the total reversionary value (debt and equity) in order to determine the equity residual. The formula used to determine the fraction of the loan remaining (expressed as a percentage of the original loan balance) at any point in time (P) takes the annual debt service constant of the loan over the entire amortization period (f) less the mortgage interest rate (i), and divides it by the annual constant required to amortize the entire loan during the ten-year projection period ( $f_p$ ) less the mortgage interest rate. The following formula represents the fraction of the loan paid off (P).

$$(f - i)/(f_p - i) = P$$

If the fraction of the loan paid off (expressed as a percentage of the initial loan balance) is P, then the remaining loan percentage is expressed as 1 - P. The ending mortgage balance is the fraction of the remaining loan (1 - P) multiplied by the initial loan amount (M x V). The following formula represents the ending mortgage balance.

**Equity Residual Value** – The value of the equity upon the sale at the end of the projection period  $(d_r)$  is the reversionary value less the brokerage and legal costs and the ending mortgage balance. The following formula represents the equity residual value.

$$(NI^{11}/R_r)$$
 -  $(b (NI^{11}/R_r)$  -  $((1 - P) x M x V) = d_r$ 

**Annual Cash Flow to Equity** – The annual cash flow to equity consists of the equity dividend for each projection year plus the equity residual at the end of the tenth year. The following formula represents the annual cash flow to equity.

$$NI^{1} - (f \times M \times V) = d_{e^{1}}$$



$$\begin{aligned} NI^2 - \left( f \ x \ M \ x \ V \right) &= d_e^2 \\ NI^{10} - \left( f \ x \ M \ x \ V \right) &= d_e^{10} \\ (NI^{11}/R_r) - \left( b \ (NI^{11}/R_r) - ((1 - P) \ x \ M \ x \ V) \right) &= d_r \end{aligned}$$

**Value of the Equity** – If the initial mortgage amount is calculated by multiplying the loan-to-value ratio (M) by the property value (V), then the equity value is one minus the loan-to-value ratio multiplied by the property value. The following formula represents the value of the equity.

Discounting the Cash Flow to Equity to the Present Value – The cash flow to equity in each projection year is discounted to the present value at the equity yield rate  $(1/S^n)$ . The sum of these cash flows is the value of the equity (1 - M) V. The following formula represents the calculation of equity as the sum of the discounted cash flows.

$$(d_e^1 \times 1/S^1) + (d_e^2 \times 1/S^2) + ... + (d_e^{10} \times 1/S^{10}) + (d_r \times 1/S^{10}) = (1 - M) V$$

**Combining the Equations: Annual Cash Flow to Equity and Discounting the Cash Flow to Equity to the Present Value –** The last step is to arrive at one overall equation that shows that the annual cash flow to equity plus the yearly discounting to the present value equals the value of the equity.

$$((NI^{1} - (f \times M \times V)) \ 1/S^{1}) + ((NI^{2} - (f \times M \times V)) \ 1/S^{2}) + \dots$$

$$((NI^{10} - (f \times M \times V)) \ 1/S^{10}) +$$

$$(((NI^{11}/R_{r}) - (b \ (NI^{11}/R_{r})) - ((1 - P) \times M \times V)) \ 1/S^{10}) = (1 - M) \ V$$

Because the only unknown in this equation is the property's value (V), it can be solved readily.

**Ten-Year Projection of Income and Expense** – Because the fixed and variable forecast of income and expense is carried out only to the stabilized year, it is necessary to continue the projection to the eleventh year. In most cases, net income before debt service beyond the stabilized year is projected at an assumed inflation rate. By increasing a property's revenue and expenses at the same rate of inflation, net income remains constant as a percentage of total revenue, and the dollar amount escalates at the annual inflation rate. The ten-year forecast of income and expense illustrates the subject property's net income, which is assumed to increase by 3.0% annually subsequent to the hotel's stabilized year of



operation. The following values are assigned to the variable components for the purposes of this valuation.

MMARY OF KNOWN VARIABLES		
Annual Net Income	NI	See Ten-Year Forecast
Loan-To-Value Ratio	М	70 %
Interest Rate	i	5.00 %
Debt Service Constant	f	0.070151
Equity Yield	Ye	20.0 %
Transaction Costs Annual Constant Required to	b	3.0 %
Amortize the Loan in Ten Years	fp	0.127279
Terminal Capitalization Rate	Rr	9.5 %

The present worth of a \$1 factor at the 20.0% equity yield rate is set forth as follows.

#### PRESENT WORTH OF \$1 FACTOR AT THE EQUITY YIELD RATE

	Year Ending	Present Worth of \$1 Factor at 20.0%
_	Lilaing	1 actor at 20.0%
	2015/16	0.833305
	2016/17	0.694397
	2017/18	0.578644
	2018/19	0.482187
	2019/20	0.401809
	2020/21	0.334829
	2021/22	0.279015
	2022/23	0.232504
	2023/24	0.193747
	2024/25	0.161450



Using these known variables, the following intermediary calculations must be made before applying the simultaneous valuation formula. The fraction of the loan paid off during the projection period is calculated as follows.

```
P = (0.07015 - 0.0500) / (0.12728 - 0.0500) = 0.260755
```

The annual debt service is calculated as f x M x V.

$$(f \times M \times V) = 0.07015 \times 0.70 \times V = (0.04911)V$$

Inserting the variables into the valuation formula produces the following.

```
1,320,000 -
                        0.04911 V) x
                                          0.83333 +
           1,552,000 -
                        0.04911 V) x
                                          0.69444 +
           1,721,000 -
                        0.04911 V) x
                                           0.5787 +
           1,773,000 -
                        0.04911 V) x
                                          0.48225 +
           1,826,000 -
                        0.04911 V) x
                                          0.40188 +
           1,882,000 -
                        0.04911 V) x
                                           0.3349 +
           1,938,000 -
                        0.04911 V) x
                                          0.27908 +
           1,996,000 -
                        0.04911 V) x
                                          0.23257 +
           2,056,000 -
                        0.04911 V) x
                                          0.19381 +
           2,117,000 -
                        0.04911 V) x
                                          0.16151 +
(((2,181,000 / 0.095) - (0.030 x (2,181,000 / 0.095)) -
((
    1 - 0.260755) x
                       0.7 \times V) \times 0.161506 = (1 -
                                                     0.7 )V
```

Like terms are combined as follows.

Approach (Say)

It is important to note that this analysis does not reflect any capital deductions (if applicable).

\$18,200,000



## **Janet Snyder**

#### **EMPLOYMENT**

HVS CONSULTING AND VALUATION SERVICES 2005 to present

Atlanta, Georgia

2004 - 2005HILTON DALLAS LINCOLN CENTRE

Dallas, Texas

2002 - 2004HILTON HOTELS

Dallas, Texas

#### **EDUCATION AND OTHER TRAINING**

BA - Baylor University

Other Specialized Training Classes Completed:

Basic Appraisal Principles - 30 hours Basic Appraisal Procedures - 30 hours

Uniform Standards of Professional Appraisal Practice - 15 hours

Basic Income Capitalization - 39 hours

General Appraiser Sales Comparison Approach – 30 hours

Business Practices and Ethics - 8 hours

General Appraiser Market Analysis and HBU – 30 hours

General Appraiser Site Valuation and Cost Approach - 30 hours General Appraiser Report Writing and Case Studies – 30 hours

Statistics, Modeling and Finance - 15 hours

An Introduction to Valuing Green Buildings – 7 hours

Condemnation Appraising: Principles & Applications – 22 hours

Advanced Income Capitalization – 40 hours NC Trainee Supervisor Class - 4 hours

FL Law Class - 3 hours

Quantitative Analysis – 40 hours USPAP Update - 2008, 2014

#### STATE CERTIFICATIONS

Alabama, Florida, Georgia, Kentucky, New Hampshire, North Carolina, South Carolina,

Tennessee, Virginia, West Virginia



#### **PUBLISHED ARTICLES**

HVS Journal "In Focus: InterContinental Hotels Group," April 2014

HVS Journal "Market Intelligence Report 2013: Charlotte," August 2013

HVS Journal "HVS Hotel Market Intelligence Report: Asheville, North Carolina," September 2012

HVS Journal "HVS Reflections on the 2010 Hunter Hotel Conference," Co-authored with Mike Brophy,

May 2010

HVS Journal "HVS Market Intelligence Report: Asheville, North Carolina," January 2009

PROFESSIONAL AFFILIATIONS

American Hotel & Lodging Association

HVS, Atlanta, Georgia Qualifications of Janet Snyder

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## EXAMPLES OF CORPORATE AND INSTITUTIONAL CLIENTS SERVED

Alianza Trinity Holdings LLC

Anglo Irish

Ascent Hospitality
Atlantis Marine World
Bank of America
Bank of Colorado
Bank of Hampton Roads
Bank of Jackson Hole
Bank of the Commonwealth

Bank of the Ozarks
Bankers Bank
Barclays
BB&T
Bear Stearns
Behringer Harvard
Biltmore Company
Blanchard & Calhoun
Bracewell & Giuliani LLP
Bright's Creek Development

Cantor Fitzgerald Capmark Finance Inc. Capsule Group Carolina Bank Cascade Financial CIBC World Markets Citadel Securities

Citibank Citigroup

Columbus Bank and Trust

Column Financial Continental

Cornerstone Commercial Mortgages,

LLC Credit Suisse CSFB CW Capital Deutsche Bank DNC Hotels, LLC EagleBank MD Eastern Bank

Elm Street Center LLC

Fidelity Bank Financial Funding First State Bank Ganesh Ventures LLC
GE Commercial Mortgage
GE Franchise Finance
Gibson Dunn & Crutcher
Gibson Hotel Management &

Development

GMAC Commercial Mortgage GoldKey PHR Hotels & Resorts

Goldman Sachs
GS Development LLC

HFF Hill, LLC

Holliday Fenoglio Fowler Holloway Lodging REIT iCAP Realty Advisors

**IRSA** 

Istar Financial Ixis Capital Markets JAM Hospitality IER Partners

Johnson Resort Properties

Jones Lang LaSalle JPMorgan Chase Kilpatrick/Torchlight Kimpton Hotels & Resorts Laconia Savings Bank

Lady Vista

Latitude Hospitality, Inc.

Laureate Capital
Laurus Corporation
Lehman Brothers

LNR

**Love Funding** 

Lubbock Economic Development

Alliance
MainSource Bank
Maxwell Development
McNamee Hosea
Merrill Lynch
Merrill Trust
MetLife

**Moody National Companies** 

Morgan Stanley

Mortenson Development

Mutual Bank

Narsi Properties, Inc.

Noah Bank

Nomura

North Hill Suites, LLC Northmarq Capital NRB of Chicago NXT Capital, LLC

Olympia Equity Advisors Orix Capital Markets Parks Hospitality Group

**Peabody Hotels** 

Peachtree Hotel Group

PGP Inc.

Potomac Business Services Principal Real Estate Advisors Pritchard Associates, Inc. Property Analytics

Prudential

R&R, LLC

Raldex Hospitality RAM Hotels Ravi Patel

**RBS** Greenwich Capital

Resort Management Group, LLC

Richard Curtis Robinson McFadden Rosedev Development Ryan Companies US, Inc.

**S&H** Equities

Scenic Land Investments

Seagrass Real Estate & Development

Seaport Companies Seaview Properties, LLC

Signature Bank Silverton Bank Sovereign Bank

Specialty Finance Group Starwood Capital Group Summit Financial

Summit Financial Synergie/Titan Deve

Synergie/Titan Development The Village at Hendrix, LLC

TierOne Bank Torchlight

TriMont Real Estate

UBS

UrbanAmerica LP

US Bank Virendra Patel

Walton Street Capital



## EXAMPLES OF PROPERTIES APPRAISED OR EVALUATED

#### **ALABAMA**

Proposed Autograph Collection,
Birmingham
Proposed Hilton Garden Inn, Anniston
Proposed Hotel, Auburn
Hilton, Birmingham
Proposed Hotel, Conway
Proposed Hampton Inn & Suites,
Fairhope
Proposed Embassy Suites, Hoover
Homewood Suites, Mobile
Courtyard by Marriott, Montgomery
Proposed Hotel, Montgomery
Proposed Hotel, Prattville

#### **ARIZONA**

Proposed aloft, Glendale Holiday Inn Express, Phoenix Fairfield Inn, Sierra Vista

#### **ARKANSAS**

Fairfield Inn & Suites, Conway Proposed Hotel, Conway Residence Inn by Marriott, Little Rock

#### **CALIFORNIA**

Proposed Hampton Inn & Suites, Lancaster Proposed Homewood Suites, Lancaster Proposed element, Palmdale Proposed SpringHill Suites, Ridgecrest Best Western Miramar, San Diego

#### **COLORADO**

The Sky Hotel Aspen, Aspen

The Hotel Telluride, Telluride

#### CONNECTICUT

**Homewood Suites, Farmington** 

#### **DELAWARE**

Proposed Hampton Inn & Suites, Newark

#### DISTRICT OF COLUMBIA

Willard InterContinental Hotel and Office Courtyard Washington Navy Yard

#### FLORIDA

Country Inn & Suites, Cape Canaveral Daytona Beach Resort, Daytona Beach Westin, Fort Lauderdale Comfort Inn, Gainesville Crowne Plaza Hollywood Beach Sian, Hollywood Cheeca Lodge & Spa, Islamorada Homewood Suites, Maitland Proposed Hampton Inn & Suites, New Smyrna Beach International Plaza Resort, Orlando Hampton Inn, Ormond Beach Proposed Home2 Suites, Pensacola Proposed Saba Hotel, Rosemary Beach Proposed Hampton Inn & Suites, Sarasota Holiday Inn, Tallahassee Crowne Plaza, West Palm Beach

#### **GEORGIA**

Hilton Atlanta Airport, Atlanta

Sheraton Gateway Hotel Atlanta Airport, Atlanta W Hotel, Atlanta Hampton Inn West, Augusta Holiday Inn, Augusta Wingate Inn, Augusta SpringHill Suites, Buckhead Best Western Plus, Convers Fairfield Inn by Marriott, Cordele Holiday Inn Express, Cordele Proposed Fairfield Inn & Suites, Dalton Proposed Embassy Suites, Duluth Proposed Spruill Residence Inn, Dunwoody Hilton Garden Inn, Lithonia Proposed Hotel & Conference Center. Lookout Mountain Fairfield Inn by Marriott, Milledgeville Proposed Aloft, Perimeter The Brice, Savannah Proposed Cambria Suites, Savannah Proposed Hotel Indigo, Savannah Fairfield Inn by Marriott, Warner Robbins

#### **INDIANA**

Hampton Inn, Clarksville

#### KENTUCKY

Fairfield Inn & Suites by Marriott,
Ashland
Holiday Inn, Bowling Green
Proposed Candlewood Suites, Bowling
Green
Baymont Inn & Suites, Lexington
Best Western Regency Inn, Lexington
Courtyard by Marriott, Lexington
DoubleTree Guest Suites, Lexington
Holiday Inn Express, Lexington
Holiday Inn, Louisville
Holiday Inn, Hurstbourne, Louisville
Proposed Holiday Inn Express,
Louisville



Courtyard by Marriott, Paducah Proposed Courtyard by Marriott, Somerset Homewood Suites, Bloomington Proposed Westin, Minneapolis Proposed Cambria Suites, Rochester Proposed Ludlow Hotel, New York City Proposed Hyatt Place, Riverhead Land, Ronkonkoma Sheraton, Smithtown

#### **LOUISIANA**

Proposed Courtyard by Marriott, Houma Hampton Inn, Lancaster Homewood Suites, Lancaster Proposed Hotel Indigo, New Orleans

#### MAINE

TownePlace Suites, Scarborough Holiday Inn, Waterville

#### MARYLAND

Sheraton Washington North, Beltsville Hilton, Columbia Legacy Hotel, Rockville Holiday Inn Select, Solomon's Island

#### **MASSACHUSSETS**

Homewood Suites, Billerica
Seaport Hotel and Parking Garage,
Boston
Proposed Hotel at Patriot Place,
Foxboro
Clarion Nantasket Beach Resort Hotel
and Spa, Hull
TownePlace Suites, Tewksbury

#### **MICHIGAN**

Hilton Airport, Kentwood

#### MINNESOTA

#### MISSISSIPPI

Proposed TownePlace Suites, Flowood Proposed Embassy Suites, Jackson Candlewood Suites, Pearl Dancing Rabbit Inn, Philadelphia

#### **MISSOURI**

Proposed Indigo Hotel, Kansas City

#### **NEW HAMPSHIRE**

Proposed Courtyard, Keene

#### **NEW JERSEY**

Proposed Fairfield Inn & Suites, Millville Proposed aloft, Newark Proposed Sheraton, Newark Proposed Holiday Inn Express, West Long Branch

#### **NEW MEXICO**

TownePlace Suites, Farmington

#### **NEW YORK**

Land, Bronx

Proposed Harbor Center Marriott Hotel, Buffalo Holiday Inn JFK (Hilton conversion), Jamaica Proposed Courtyard by Marriott, New York City

#### NORTH CAROLINA

Sleep Inn & Suites, Albemarle Clarion Inn Airport, Asheville Crowne Plaza, Asheville Days Inn, Asheville DoubleTree Biltmore, Asheville Four Points, Asheville Hilton Biltmore Park, Asheville Holiday Inn Airport, Asheville Proposed Homewood Suites, Asheville Proposed Hotel, Asheville Proposed Hotel - Biltmore Estate, Asheville Proposed Lodge at Biltmore Estate, Asheville Ramada, Asheville Red Roof Inn, Asheville Renaissance, Asheville SpringHill Suites by Marriott, Asheville Proposed Tweetsie Railroad Hotel, Blowing Rock Hampton Inn, Boone Holiday Inn Express, Boone Proposed Radisson Blu, Brights Creek Proposed Hilton Garden Inn, Carolina Beach

Embassy Suites Raleigh - Durham Research Triangle East, Cary Courtyard by Marriott Charlotte Arrowwood, Charlotte Courtyard by Marriott Charlotte Billy Graham Parkway, Charlotte Courtyard by Marriott Charlotte City

Center, Charlotte
Econo Lodge, Charlotte
Hilton Charlotte University Place,
Charlotte
Renaissance, Charlotte

Sheraton Charlotte Airport, Charlotte



SpringHill Suites Charlotte Airport, Charlotte Holiday Inn Express, Clemmons Hampton Inn & Suites, Concord Holiday Inn Express, Dillsboro Proposed Full-Service, Durham Proposed Hilton Garden Inn, Durham Proposed Hotel, Durham DoubleTree, Favetteville Proposed Boutique Hotel, Gastonia Marriott, Greensboro Proposed TownePlace Suites by Marriott, Greensboro Proposed Wyndham, Greensboro Red Roof Inn, Greenville Quality Inn & Suites, Hickory Red Roof Inn, Hickory Hawthorn Suites, Huntersville Proposed Hotel, Huntersville Sea Ranch Hotel, Kill Devil Hills Proposed Sonesta Resort/Land Impact Study, Mill Spring Ouality Inn & Suites, Monroe Wingate Inn, Mooresville Comfort Suites. Pineville Hampton Inn & Suites, Pineville Hilton Garden Inn, Pineville Hampton Inn, Pisgah Forest Car Wash, Raleigh Courtyard North Raleigh, Raleigh Embassy Suites Crabtree, Raleigh Proposed aloft, Raleigh Proposed element hotel, Raleigh Proposed Marriott, Raleigh Proposed Summerfield Suites, Raleigh Renaissance Hotel, Raleigh Proposed Fairfield Inn by Marriott, **Rocky Mount** Hampton Inn, Shelby Residence Inn by Marriott, Southern Masters Inn, Statesville Comfort Inn, Sylva Full-Service Restaurant, Winston-

Salem

Hilton Garden Inn. Winston-Salem

#### **NORTH DAKOTA**

Proposed Extended-Stay Hotel, Minot

#### OHIO

Hampton Inn, Akron
Fairfield Inn, Austintown
Marriott Airport, Cleveland
Quality Inn, Durant
Proposed Courtyard by Marriott,
Grove City
Hampton Inn, Kent
Proposed Courtyard by Marriott, Stow

#### **OKLAHOMA**

Quality Inn, Durant Renaissance, Tulsa

#### PENNSYLVANIA

Wyndham, Harrisburg Proposed Candlewood Suites, Hazelton Le Meridien, Philadelphia Courtyard by Marriott Shadyside, Pittsburgh Proposed Staybridge Suites, Royersford

#### **SOUTH CAROLINA**

Hilton Garden Inn Waterfront,
Charleston
Proposed Hilton Garden Inn,
Charleston
Proposed Hotel, Charleston
Marriott, Columbia
Proposed Aloft, Columbia
Proposed Sheraton, Columbia
Value Place, Elgin
Proposed Staybridge Suites, Florence

Embassy Suites, Greenville
Proposed Hilton Garden Inn,
Greenville
Aqua Beach Inn, Myrtle Beach
Crown Reef Resort, Myrtle Beach
Holiday Inn Express, Myrtle Beach
Springmaid Beach Resort, Myrtle
Beach
Quality Inn, North Charleston
Proposed Home2 Suites, Orangeburg
Hilton Garden Inn, Rock Hill
Proposed Courtyard, Summerville
Proposed Residence Inn, Summerville
Holiday Inn Oceanfront, Surfside
Beach

#### **TENNESSEE**

Homewood Suites, Brentwood
Fairfield Inn & Suites, Chattanooga
Sheraton Read House, Chattanooga
Staybridge Suites, Chattanooga
Proposed Fairfield Inn & Suites,
Johnson City
Red Roof Inn, Johnson City
Fitness Center, Knoxville
Hilton Hotel, Knoxville
Marriott, Knoxville
Red Roof Inn Knoxville West, Knoxville
Holiday Inn Select, Memphis
Wyndham Garden, Memphis
Homewood Suites Brentwood,
Nashville

#### TEXAS

Days Inn, Amarillo
Super 8 University, Austin
Homewood Suites Market Center,
Dallas
Holiday Inn Express, Frisco
Proposed Hilton Garden Inn, Frisco
Proposed Courtyard by Marriott,
Galveston
Hampton Inn Medical Center, Houston



Hilton Garden Inn Northwest, Houston Wyndham DFW Airport North, Irving Proposed Hotel, Lubbock Proposed Focused-Service, New Braunfels Quality Inn & Suites, San Antonio Holiday Inn Express, Waxahachie Proposed Fairfield Inn & Suites, Westover Hill

#### VIRGINIA

Hilton Garden Inn, Arlington Proposed Hampton Inn, Bedford Courtyard by Marriott, Charlottesville Proposed Beacon Hotel, Charlottesville AmeriSuites (Hyatt Place Conversion), Chester Hampton Inn Petersburg Southpark Mall, Colonial Heights Holiday Inn Petersburg North Fort Lee, **Colonial Heights** Best Western, Exmore Country Inn & Suites, Hampton Embassy Suites, Hampton Proposed Hyatt Place, Herndon Proposed Sheraton, Herndon Comfort Inn Gunston Corner, Lorton Omni, Newport News Proposed Courtyard by Marriott, **Newport News** Proposed Residence Inn, Newport News Courtyard by Marriott, Norfolk SpringHill Suites, Norfolk Proposed Hyatt Place, Richmond Proposed Hotel, Virginia Beach

#### WISCONSIN

Proposed aloft, Green Bay Crowne Plaza, Madison Marriott, Madison Proposed Staybridge Suites, Milwaukee

#### **WYOMING**

Rustic Inn, Jackson

#### **INTERNATIONAL**

#### **MEXICO**

Proposed Thompson Hotel, Los Veneros

#### **JAMAICA**

**Proposed Resort** 

# STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION FLORIDA REAL ESTATE APPRAISAL BD

#### LICENSE NUMBER

RZ3639

The CERTIFIED GENERAL APPRAISER Named below IS CERTIFIED Under the provisions of Chapter 475 FS. Expiration date: NOV 30, 2016

SNYDER, JANET L 416 GREENSTONE LANE MILLS RIVER NC 28759

ISSUED: 11/12/2014

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DISPLAY AS REQUIRED BY LAW

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