UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

## FORM 10-K

囚 ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the Fiscal Year Ended December 31, 2016
or
$\square$ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
(Exact name of registrant as specified in its charter)

Delaware<br>(State or other jurisdiction of incorporation or organization)<br>52-2055918<br>(IRS Employer<br>Identification No.)<br>10400 Fernwood Road, Bethesda, Maryland<br>20817<br>(Address of Principal Executive Offices)<br>(Zip Code)

Registrant's Telephone Number, Including Area Code (301) 380-3000
Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class
Class A Common Stock, $\mathbf{\$ 0 . 0 1}$ par value
(383,561,428 shares outstanding as of February 7, 2017)

Name of Each Exchange on Which Registered
Nasdaq Global Select Market
Chicago Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: NONE
Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in rule 405 of the Securities Act. Yes $\boldsymbol{\text { No }}$,
Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section $15(\mathrm{~d})$ of the Act. Yes $\square$ No $\boldsymbol{x}$
Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15 (d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes $\boldsymbol{\boxtimes}$ No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes $\boldsymbol{\boxtimes}$ No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a small reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange
Act.
Large accelerated filer $\boxtimes \quad$ Accelerated filer $\square \quad$ Non-accelerated filer $\square \quad$ Smaller reporting company
(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes $\square$ No $\boxtimes$
The aggregate market value of shares of common stock held by non-affiliates at June 30, 2016, was $\$ 12,421,427,301$.
DOCUMENTS INCORPORATED BY REFERENCE
Portions of the Proxy Statement prepared for the 2017 Annual Meeting of Shareholders are incorporated by reference into Part III of this report.

## MARRIOTT INTERNATIONAL, INC. <br> FORM 10-K TABLE OF CONTENTS <br> FISCAL YEAR ENDED DECEMBER 31, 2016

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Throughout this report, we refer to Marriott International, Inc., together with its consolidated subsidiaries, as "we," "us," or "the Company."

In order to make this report easier to read, we also refer throughout to (i) our Consolidated Financial Statements as our "Financial Statements," (ii) our Consolidated Statements of Income as our "Income Statements," (iii) our Consolidated Balance Sheets as our "Balance Sheets," (iv) our properties, brands, or markets in the United States ("U.S.") and Canada as "North America" or "North American," and (v) our properties, brands, or markets outside of the United States and Canada as "International." References throughout to numbered "Footnotes" refer to the numbered Notes to our Financial Statements that we include in the Financial Statements section of this report.

## PART I

## Item 1. Business.

## Corporate Structure and Business

We are a worldwide operator, franchisor, and licensor of hotels and timeshare properties under numerous brand names at different price and service points. Consistent with our focus on management, franchising, and licensing, we own very few of our lodging properties. We also operate, market, and develop residential properties and provide services to home/condominium owner associations.

We were organized as a corporation in Delaware in 1997 and became a public company in 1998 when we were "spun off" as a separate entity by the company formerly named "Marriott International, Inc." We operate, franchise, or license 6,080 properties worldwide, with $1,190,604$ rooms as of year-end 2016. We believe that our portfolio of brands is the largest and most compelling range of brands and properties of any lodging company in the world. The following table shows our principal brands:


As of year-end 2016, we group operations into three business segments: North American Full-Service, North American Limited-Service, and International. We provide financial information by segment and geography in Footnote 14 "Property and Equipment" and Footnote 18 "Business Segments."

## Acquisition of Starwood Hotels \& Resorts Worldwide

On September 23, 2016 (the "Merger Date"), we completed the acquisition of Starwood Hotels \& Resorts Worldwide, LLC, formerly known as Starwood Hotels \& Resorts Worldwide, Inc. ("Starwood") through a series of transactions (the "Starwood Combination"), after which Starwood became an indirect wholly-owned subsidiary of the Company. Our Financial Statements and related discussions in this report include Starwood's results of operations from the Merger Date through yearend 2016 and reflect the financial position of our combined company at December 31, 2016, except where we specifically state otherwise, such as certain statistics described under the caption "Performance Measures" in Part II, Item 7. We refer to our business associated with brands that were in our portfolio before the Starwood Combination as "Legacy-Marriott" and to the Starwood business and brands that we acquired as "Legacy-Starwood." See Footnote 3 "Acquisitions and Dispositions" for more information.

## Company-Operated Properties

At year-end 2016, we operated 1,821 properties ( 521,552 rooms) under long-term management agreements with property owners, 48 properties ( 10,933 rooms) under long-term lease agreements with property owners (management and lease agreements together, the "Operating Agreements"), and 22 properties ( $9,906 \mathrm{rooms}$ ) that we own. In addition, we operated
under long-term management agreements 44 home and condominium communities ( 5,179 units) for which we manage the related owners' associations.

Terms of our management agreements vary, but we earn a management fee that is typically composed of a base management fee, which is a percentage of the revenues of the hotel, and an incentive management fee, which is based on the profits of the hotel. Our management agreements also typically include reimbursement of costs of operations (both direct and indirect). Such agreements are generally for initial periods of 20 to 30 years, with options for us to renew for up to 50 or more additional years. Our lease agreements also vary, but may include fixed annual rentals plus additional rentals based on a percentage of annual revenues in excess of a fixed amount. Many of our Operating Agreements are subordinated to mortgages or other liens securing indebtedness of the owners. A large number of our Operating Agreements also permit the owners to terminate the agreement if we do not meet certain performance metrics and financial returns fail to meet defined levels for a period of time and we have not cured such deficiencies. In certain circumstances, some of our management agreements allow owners to convert company-operated properties to franchised properties under our brands.

For lodging facilities that we operate, we generally are responsible for hiring, training, and supervising the managers and employees who are needed to operate the facilities and for purchasing supplies, and owners are required to reimburse us for those costs. We provide centralized reservation services and national advertising, marketing, and promotional services, as well as various accounting and data processing services, and owners are also required to reimburse us for those costs.

## Franchised, Licensed, and Unconsolidated Joint Venture Properties

We have franchising, licensing, and joint venture programs that permit other hotel owners and operators and two timeshare companies to use many of our lodging brand names and systems. Under our hotel franchising programs, we generally receive an initial application fee and continuing royalty fees, which typically range from four to six percent of room revenues for all brands, plus two to three percent of food and beverage revenues for certain full-service hotels. We are a partner in unconsolidated joint ventures that manage and, in some cases, own hotels. Some of these joint ventures also provide services to franchised hotels. We recognize our share of these joint ventures' net income or loss in the "Equity in earnings" caption of our Income Statements. Franchisees and certain joint ventures contribute to our national marketing and advertising programs and pay fees for use of our centralized reservation systems.

We also receive royalty fees under license agreements with Marriott Vacations Worldwide Corporation ("MVW"), our former timeshare subsidiary that we spun off in 2011, and Vistana Signature Experiences, Inc. ("Vistana"), a subsidiary of Interval Leisure Group, Inc. ("ILG"), which acquired Starwood's vacation timeshare operations before the Merger Date. MVW is the worldwide developer, marketer, and seller of vacation ownership and related products under the Marriott Vacation Club, Grand Residences by Marriott, and The Ritz-Carlton Destination Club brands. Vistana is the worldwide developer, marketer, seller, and manager of vacation ownership and related products under the Westin and Sheraton brands, and under the St. Regis and The Luxury Collection brands for certain existing properties. We receive license fees from both MVW and Vistana consisting of a fixed annual fee, adjusted for inflation, plus certain variable fees based on sales volumes.

MVW offers Marriott Rewards ${ }^{\circledR}$ Points and The Ritz-Carlton Rewards ${ }^{\circledR}$ Points, and Vistana offers SPG points, to their owners or potential owners as sales, tour, and financing incentives, in exchange for vacation ownership usage rights, for customer referrals, and to resolve customer service issues. MVW buys these points from our Marriott Rewards and The RitzCarlton Rewards programs and Vistana buys these points from our Starwood Preferred Guest program.

At year-end 2016, we had 4,006 franchised properties ( 614,405 rooms), 100 unconsolidated joint venture properties (13,106 rooms), and 83 licensed timeshare, fractional, and related properties (20,702 units).

## Residential

We use or license our trademarks for the sale of residential real estate, typically in conjunction with hotel development, and receive branding fees for sales of such branded residential real estate by others. Third-party owners typically construct and sell residences with limited amounts, if any, of our capital at risk. We have used or licensed our JW Marriott, The Ritz-Carlton, The Ritz-Carlton Reserve, W Hotels, The Luxury Collection, St. Regis, EDITION, Bulgari Hotels \& Resorts, Marriott Hotels, Sheraton, Westin, and Autograph Collection Hotels brand names and trademarks for residential real estate sales. While the worldwide residential market is very large, we believe the luxurious nature of our residential properties, the quality and exclusivity associated with our brands, and the hospitality services that we provide, all serve to make residential properties bearing our trademarks distinctive.

## Seasonality

In general, business at company-operated and franchised properties fluctuates only moderately with the seasons and is relatively stable. Business at some resort properties may be seasonal depending on location.

## Relationship with Major Customer

We operate a number of properties under long-term management agreements that are owned or leased by Host Hotels \& Resorts, Inc. ("Host"). In addition, Host is a partner in several partnerships that own properties operated by us under long-term management agreements. See Footnote 20 "Relationship with Major Customer" for more information.

## Intellectual Property

We operate in a highly competitive industry and our brand names, trademarks, service marks, trade names, and logos are very important to the sales and marketing of our properties and services. We believe that our brand names and other intellectual property have come to represent the highest standards of quality, caring, service, and value to our customers and the traveling public. Accordingly, we register and protect our intellectual property where we deem appropriate and otherwise protect against its unauthorized use.

## Brand Portfolio

We believe that our brand portfolio offers the largest and most compelling range of brands and properties in hospitality, offering two overall styles of hotels -- Classic and Distinctive -- each of which we group into three quality tiers: Luxury, Premium, and Select.

Classic offers time-honored hospitality for the modern traveler.
Distinctive offers memorable experiences with a unique perspective.
Luxury offers bespoke and superb amenities and services. Our Luxury brand hotels include: JW Marriott, The RitzCarlton, W Hotels, The Luxury Collection, St. Regis, EDITION, and Bulgari Hotels \& Resorts.

Premium offers sophisticated and thoughtful amenities and services. These hotel brands include: Marriott Hotels, Sheraton, Westin, Renaissance Hotels, Le Méridien, Autograph Collection Hotels, Delta Hotels, Gaylord Hotels, Marriott Executive Apartments, Marriott Vacation Club, Tribute Portfolio, and Design Hotels.

Select offers smart and easy amenities and services with our longer stay brands offering amenities that mirror the comforts of home. Our Select hotel brands include: Courtyard, Residence Inn, Fairfield Inn \& Suites, SpringHill Suites, Four Points, TownePlace Suites, Aloft Hotels, AC Hotels by Marriott, Protea Hotels, Element Hotels, and Moxy Hotels.

|  | Our Classic Brands |  |
| :--- | :--- | :--- |


| Our Classic Brands |  |  | Our Distinctive Brands |
| :---: | :---: | :---: | :---: |
| Select |  |  |  |
| COURTYARD Marrıott | Courtyard by Marriott ("Courtyard") is a longtime industry leader in meeting the needs of the modern business traveler. Since breaking into the market 30 years ago as a brand built for business, Courtyard has continuously evolved, pushing the boundaries of design, style, and service in the upscale category. | Aloft Hotels offers urban, modern design and a hip social experience all at an affordable price to the next generation of travelers. <br> HOTELS |  |
| $\begin{gathered} \text { Residence } \\ \text { Inn } \\ \text { Marrott } \end{gathered}$ | Residence Inn by Marriott ("Residence Inn") created and defined the Extended Stay lodging category, first in North America and now globally. The brand recognizes the different needs of long stay guests and is uniquely suited to serve this significant market segment. | $\bigwedge_{\text {HOTELS }}$ <br> MARRIOTT | AC Hotels by Marriott was born from the vision of Spanish hotelier Antonio Catalan, who created a new kind of stay for a new kind of traveler - a creative, entrepreneurial, and modern global traveler - who prefers to have fewer things, but expect them to be better than good. |
| FAIRFIELD inNesultes Marriott | Fairfield Inn \& Suites by Marriott ("Fairfield Inn \& Suites") is an established leader in the moderate-tier segment, offering value, consistency, and quality service to business travelers. The brand appeals to owners and franchisees who recognize a strong economic model and investment that works. | PROTEA HOTELS. MARRIOTT | Protea Hotels by Marriott ("Protea Hotels") is the leading hospitality brand in Africa and boasts the highest brand awareness and largest strategic footprint among all the major hospitality brands in Africa. Protea Hotels is ideal for both business and leisure travelers by offering properties in primary and secondary business centers and desirable leisure destinations. |
| SPRIIGGILL SUITES | SpringHill Suites by Marriott ("SpringHill Suites"), the largest all-suites brand in the upscale tier, offers guests the little extras to help them enjoy their time away. Offering a fresh take on mixing business and pleasure, the brand allows travelers to expect the unexpected and indulge in the little things that make their trip more exciting. | element by Westin | Element Hotels offers the essentials of balanced travel for today's standard and longer-stay traveler who does not want to compromise on comfort and design. Element Hotels is grounded in smart, environmentally friendly thinking, from its products, services, and programs to its physical spaces with flowing, multipurpose areas that maximize space. |
| FOUR POINTS BY SHERATON | Four Points caters to well-traveled guests. We give them what they have come to expect - with unexpected perks. Timeless classics are woven together to suit work and play, while keeping guests one step ahead of the game | nosey | Moxy Hotels is a fun, vibrant, and stylish hotel designed to give guests everything they want and nothing they don't at an affordable price. Launched in 2014, the brand offers up a new way of traveling in which smaller is concentration, not reduction - where affordability is not a sacrifice of style, nor a loss of comfort - and, when we say: "less is more" we accentuate more, not less. |
| TOWNEPLACE SUITES marriott | TownePlace Suites by Marriott ("TownePlace Suites") is designed for extended stay travelers who want to feel at home and stay productive. To appeal to these guests seeking authenticity, personality, and a seamless experience, the concept infuses local flavor into a quiet neighborhood setting, complete with the added comfort, service, and quality of an all-suite hotel. |  |  |

At year-end 2016, we operated, franchised, or licensed properties in the following geographical regions:


${ }^{(1)}$ Figures include home and condominium products for which we manage the related owners' association.
${ }^{(2)}$ Timeshare properties are licensed by MVW under the Marriott Vacation Club ${ }^{\circledR}$, The Ritz-Carlton Destination Club ${ }^{\circledR}$, The Ritz-Carlton Residences ${ }^{\circledR}$, and Grand Residences by Marriott ${ }^{\text {SM }}$ brand names, and by Vistana under the Sheraton ${ }^{\circledR}$, Westin ${ }^{\circledR}$, St. Regis ${ }^{\circledR}$, and The Luxury Collection ${ }^{\circledR}$ brand names.
${ }^{(3)}$ Excludes Design Hotels ${ }^{\text {TM }}$ properties, which participate as partner hotels in the SPG loyalty program and are available for booking through our reservation channels.

## Other Activities

Credit Card Programs. At year-end 2016, we licensed 13 credit card programs in the United States, Canada, United Kingdom, United Arab Emirates, and Japan, which include Marriott Rewards, The Ritz-Carlton Rewards, and Starwood Preferred Guest ("SPG") credit cards. We earn licensing fees based on card usage, and the cards are designed to encourage loyalty to our brands.

Loyalty Programs, Sales and Marketing, and Reservation Systems. Our customer loyalty programs, Marriott Rewards and The Ritz-Carlton Rewards, and SPG (collectively "Loyalty Programs"), have 30 participating brands. MVW, Vistana, and other program partners also participate in one or more of our Loyalty Programs. The Loyalty Programs yield repeat guest business by rewarding frequent stays with points toward free hotel stays and other rewards, or airline miles with any of 49 participating airline programs. We believe that our Loyalty Programs generate substantial repeat business that might otherwise go to competing hotels. In 2016, Loyalty Programs members purchased over 50 percent of our room nights. While we continue to run our Loyalty Programs in parallel, we encourage the linking of accounts between the Loyalty Programs, allowing instant elite status match, and enabling the transfer of points between the programs. We continue to enhance our Loyalty Program offerings and strategically market to this large and growing customer base. Our loyalty member base provides a low cost and high impact vehicle for our revenue generation efforts. See the "Loyalty Programs" caption in Footnote 2 "Summary of Significant Accounting Policies" for more information.

Marriott.com, Starwoodhotels.com, SPG.com, our international sites, and our mobile apps continued to grow significantly in 2016. Our web and mobile platforms allow for a seamless booking experience, and enable our guests to easily enroll in our Loyalty Programs and book our exclusive Member Rates. Our Look No Further ${ }^{\circledR}$ Best Rate Guarantee ensures best rate integrity, strengthening consumer confidence in our brand, and gives customers access to the same rates when they book through our various direct channels. We also continue to grow engagement levels with millions of customers through our mobile guest services. In addition to existing mobile services like mobile check-in and check-out, in 2016 we expanded to add mobile service requests, now offered at many hotel brands around the globe, enabling guests to engage in a two-way chat with the hotel before their arrival and throughout their stay. Our digital strategy continues to focus on creating a simple and efficient digital booking experience, and to create a superior and memorable stay experience for our guests powered by digital guest services across our hotel portfolio.

At year-end 2016, we operated 24 hotel reservation centers, nine in the United States and Canada and 15 in other countries and territories, which handle reservation requests for our lodging brands worldwide, including franchised properties. We own two of the U.S. facilities and either lease the others or share space with an existing Marriott property. While pricing is
set by our hotels, our reservation system manages inventory and allows us to utilize third party agents where cost effective. Economies of scale enable us to minimize costs per occupied room, drive profits for our owners and franchisees, and enhance our fee revenue.

We believe our global sales and revenue management organization is a key competitive advantage due to our unrelenting focus on optimizing our investment in people, processes, and systems. Our above-property sales deployment strategy aligns our sales efforts around the customer, reducing duplication of sales efforts by individual hotels and allowing us to cover a larger number of accounts. We also utilize innovative sophisticated revenue management systems, many of which are proprietary, which we believe provide a competitive advantage in pricing decisions, increase efficiency in analysis and decision making, and produce higher property-level revenue for the hotels in our system. Most of the hotels in our system utilize web-based programs to effectively manage the rate set up and modification processes which provides for greater pricing flexibility, reduces time spent on rate program creation and maintenance, and increases the speed to market of new products and services.

As we further discuss in Part I, Item 1A "Risk Factors" later in this report, we utilize sophisticated technology and systems in our reservation, revenue management, and property management systems, in our Loyalty Programs, and in other aspects of our business. We also make certain technologies available to our guests. Keeping pace with developments in technology is important for our operations and our competitive position. Furthermore, the integrity and protection of customer, employee, and company data is critical to us as we use such data for business decisions and to maintain operational efficiency.

Environmental Responsibility and Sustainable Hotels. Our sustainability strategy supports business growth, conservation of natural resources, and protecting our planet through wide-reaching environmental initiatives. Marriott's environmental goals are to: (1) reduce energy and water consumption by 20 percent from 2007 to 2020; (2) empower our hotel development partners to build sustainable hotels; (3) green our multi-billion dollar supply chain; (4) educate and inspire associates and guests to conserve and preserve; and (5) address environmental challenges through innovative conservation initiatives including rainforest protection and water conservation.

We recognize our responsibility to reduce waste as well as water and energy consumption in our hotels and corporate offices. Our focus remains on continually integrating greater environmental sustainability throughout our business. In the year ahead, we intend to build upon our progress and launch our next generation of sustainability goals. We were the first major hotel chain to calculate our carbon footprint and launch a plan to improve energy efficiency, conserve water, and support globally significant projects that reduce deforestation. We use Energy and Environmental Action plans to help our properties achieve energy and water reduction goals. Working in partnership with the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) certification, Marriott is empowering our hotel development partners to build sustainable hotels. Marriott has one of the largest portfolios of LEED-certified buildings in the hospitality industry with 111 certified properties and over 180 more in the development pipeline.

Global Design Division. Our Global Design division provides design, development, construction, refurbishment, and procurement services to owners and franchisees of lodging properties on a voluntary basis outside the scope of and separate from our management or franchise contracts. Similar to third-party contractors, Global Design provides these services on a fee basis to owners and franchisees of our branded properties.

## Competition

We encounter strong competition both as a lodging operator and as a franchisor. According to lodging industry data, there are approximately 1,044 lodging management companies in the United States, including approximately 20 that operate more than 100 properties. These operators are primarily private management firms, but also include several large national and international chains that own and operate their own hotels and also franchise their brands. Management contracts are typically long-term in nature, but most allow the hotel owner to replace the management firm if it does not meet certain financial or performance criteria.

During the last recession, demand for hotel rooms declined significantly, particularly in 2009, and we took steps to reduce operating costs and improve efficiency. Due to the competitive nature of our industry, we focused these efforts on areas that had limited or no impact on the guest experience. While demand trends globally improved from 2010 through 2016, cost reductions could again become necessary if demand trends reverse. We would expect to implement any such efforts in a manner designed to maintain customer loyalty, owner preference, and associate satisfaction, in order to help maintain or increase our market share.

Affiliation with a national or regional brand is common in the U.S. lodging industry, and we believe that our brand recognition assists us in attracting and retaining guests, owners, and franchisees. In 2016, approximately 60 percent of U.S. hotel rooms were brand-affiliated. Most of the branded properties are franchises, under which the operator pays the franchisor a fee for use of its hotel name and reservation system. In the franchising business, we face a number of competitors that have
strong brands and customer appeal, including Hilton, Intercontinental Hotels Group, Hyatt, Wyndham, Accor, Choice, Carlson Rezidor, Best Western, La Quinta, and others.

Outside the United States, branding is much less prevalent and most markets are served primarily by independent operators, although branding is more common for new hotel development. We believe that chain affiliation will increase in many overseas markets as local economies grow, trade barriers decline, international travel accelerates, and hotel owners seek the economies of centralized reservation systems and marketing programs.

Based on lodging industry data, we have more than a 14 percent share of the U.S. hotel market (based on number of rooms) and we estimate less than a four percent share of the lodging market outside the United States. We believe that our hotel brands are attractive to hotel owners seeking a management company or franchise affiliation because our hotels typically generate higher Revenue per Available Room ("RevPAR") than our direct competitors in most market areas. We attribute this performance premium to our success in achieving and maintaining strong customer preference. We believe that the location and quality of our lodging facilities, our marketing programs, our reservation systems, and our emphasis on guest service and guest and associate satisfaction contribute to customer preference across all of our brands.

Properties that we operate, franchise, or license are regularly upgraded to maintain their competitiveness. Most of our management agreements provide for the allocation of funds to be set aside, generally a fixed percentage of revenue, for periodic renovation of buildings and replacement of furnishings. These ongoing refurbishment programs, along with periodic brand initiatives, are generally adequate to preserve or enhance the competitive position and earning power of the properties. Properties converting to one of our brands typically complete renovations as needed in conjunction with the conversion.

## Employee Relations

At year-end 2016, we had approximately 226,500 employees, approximately 23,000 of whom were represented by labor unions. We believe relations with our employees are positive.

## Environmental Compliance

The properties we operate or develop are subject to national, state, and local laws and regulations that govern the discharge of materials into the environment or otherwise relate to protecting the environment. Those environmental provisions include requirements that address health and safety; the use, management, and disposal of hazardous substances and wastes; and emission or discharge of wastes or other materials. We believe that our operation and development of properties complies, in all material respects, with environmental laws and regulations. Compliance with such provisions has not materially impacted our capital expenditures, earnings, or competitive position, and we do not anticipate that it will have a material impact in the future.

## Internet Address and Company SEC Filings

Our primary Internet address is Marriott.com. On the investor relations portion of our website, Marriott.com/investor, we provide a link to our electronic filings with the U.S. Securities and Exchange Commission (the "SEC"), including our annual report on Form 10-K, our quarterly reports on Form 10-Q, our current reports on Form 8-K and any amendments to these reports. We make all such filings available free of charge as soon as reasonably practicable after filing. The information found on our website is not part of this or any other report we file with or furnish to the SEC.

## Item 1A. Risk Factors.

## Forward-Looking Statements

We make forward-looking statements in Management's Discussion and Analysis of Financial Condition and Results of Operations and elsewhere in this report based on the beliefs and assumptions of our management and on information currently available to us. Forward-looking statements include information about our possible or assumed future results of operations, which follow under the headings "Business and Overview," "Liquidity and Capital Resources," and other statements throughout this report preceded by, followed by, or that include the words "believes," "expects," "anticipates," "intends," "plans," "estimates" or similar expressions.

Any number of risks and uncertainties could cause actual results to differ materially from those we express in our forward-looking statements, including the risks and uncertainties we describe below and other factors we describe from time to time in our periodic filings with the U.S. Securities and Exchange Commission (the "SEC"). We therefore caution you not to rely unduly on any forward-looking statement. The forward-looking statements in this report speak only as of the date of this report, and we undertake no obligation to update or revise any forward-looking statement, whether as a result of new information, future developments, or otherwise.

## Risks and Uncertainties

We are subject to various risks that could have a negative effect on us or on our financial condition. You should understand that these risks could cause results to differ materially from those we express in forward-looking statements contained in this report or in other Company communications. Because there is no way to determine in advance whether, or to what extent, any present uncertainty will ultimately impact our business, you should give equal weight to each of the following:

Our industry is highly competitive, which may impact our ability to compete successfully with other hotel properties and home and apartment sharing services for customers. We operate in markets that contain many competitors. Each of our hotel brands competes with major hotel chains, as well as home and apartment sharing services, in national and international venues and with independent companies in regional markets. Our ability to remain competitive and to attract and retain business and leisure travelers depends on our success in distinguishing the quality, value, and efficiency of our lodging products and services, including our loyalty programs and consumer-facing technology platforms and services, from those offered by others. If we cannot compete successfully in these areas, our operating margins could contract, our market share could decrease, and our earnings could decline. Further, new lodging supply in individual markets could have a negative impact on the hotel industry and hamper our ability to increase room rates or occupancy in those markets.

Economic uncertainty could continue to impact our financial results and growth. Weak economic conditions in some parts of the world, the strength or continuation of recovery in countries that have experienced improved economic conditions, changes in oil prices and currency values, potential disruptions in the U.S. economy that might result from the new U.S. administration's policies in such areas as trade, immigration, healthcare, and related issues, political instability in some areas, and the uncertainty over how long any of these conditions will continue, could continue to have a negative impact on the lodging industry. U.S. government travel is also a significant part of our business, and this aspect of our business may continue to suffer due to U.S. federal spending cuts or government hiring freezes and any further limitations that may result from presidential or congressional action or inaction. As a result of such current economic conditions and uncertainty, we continue to experience weakened demand for our hotel rooms in some markets. Recent improvements in demand trends in other markets may not continue, and our future financial results and growth could be further harmed or constrained if the recovery stalls or conditions worsen.

## Risks Relating to Our Integration of Starwood

The diversion of resources and management's attention to the integration of Starwood could adversely affect our day-today business. The integration of Starwood places a significant burden on our management and internal resources. The diversion of management's attention away from day-to-day business concerns and any difficulties encountered in the transition and integration process could adversely affect our financial results.

We may not be able to integrate Starwood successfully and many of the anticipated benefits of combining Starwood and Marriott may not be realized. We decided to acquire Starwood with the expectation that the Starwood Combination will result in various benefits, including, among other things, operating efficiencies. Achieving those anticipated benefits is subject to a number of uncertainties, including whether we can integrate the business of Starwood in an efficient and effective manner, and we cannot assure you that those benefits will be realized at all or as quickly as we expect. If we do not achieve those benefits, our costs could increase, our expected net income could decrease, and our future business, financial condition, operating results, and prospects could suffer.

The integration process could take longer than we anticipate and involve unanticipated costs. Disruptions of each company's ongoing businesses, processes, and systems or inconsistencies in standards, controls, procedures, practices, policies, and compensation arrangements could adversely affect the combined company. We may also have difficulty addressing differences in corporate cultures and management philosophies, and in harmonizing our different reservations and other systems and business practices. Although we expect that the elimination of certain duplicative costs, as well as the realization of other efficiencies related to the integration of the two businesses, will over time offset the substantial incremental transaction and merger-related costs and charges we incurred in connection with the Starwood Combination, we may not achieve this net benefit in the near term, or at all.

Our future results will suffer if we do not effectively manage our expanded operations. With completion of the Starwood Combination, the size of our business has increased significantly. Our continued success depends, in part, upon our ability to manage this expanded business, which poses substantial challenges for management, including challenges related to the management and monitoring of new operations and associated increased costs and complexity. We cannot assure you that we will be successful or that we will realize the expected operating efficiencies, cost savings, and other benefits from the combination that we currently anticipate.

We may not be able to retain Legacy-Starwood personnel successfully. The success of the Starwood Combination will depend in part on our ability to retain the talents and dedication of key Legacy-Starwood employees. It remains possible that these employees may decide not to remain with us. If key Legacy-Starwood employees who we would like to retain terminate their employment, the loss of institutional knowledge and key business relationships could cause our business to suffer.

## Risks Relating to Our Business

## Operational Risks

Premature termination of our management or franchise agreements could hurt our financial performance. Our hotel management and franchise agreements may be subject to premature termination in certain circumstances, such as the bankruptcy of a hotel owner or franchisee, or a failure under some agreements to meet specified financial or performance criteria that are subject to the risks described in this section, which we fail or elect not to cure. In addition, some courts have applied principles of agency law and related fiduciary standards to managers of third-party hotel properties, including us (or have interpreted hotel management agreements as "personal services contracts"). This means, among other things, that property owners may assert the right to terminate management agreements even where the agreements provide otherwise, and some courts have upheld such assertions about our management agreements and may do so in the future. In addition, some management and franchise agreements may be terminated, or property owners may attempt to terminate such agreements, in connection with the Starwood Combination. If terminations occur for these or other reasons, we may need to enforce our right to damages for breach of contract and related claims, which may cause us to incur significant legal fees and expenses. Any damages we ultimately collect could be less than the projected future value of the fees and other amounts we would have otherwise collected under the management agreement. A significant loss of agreements due to premature terminations could hurt our financial performance or our ability to grow our business.

Our lodging operations are subject to global, regional, and national conditions. Because we conduct our business on a global platform, changes in global and regional economies impact our activities. In recent years, decreases in travel resulting from weak economic conditions and the heightened travel security measures that have resulted from the threat of further terrorism have hurt our business. Our future performance could be similarly affected by the economic environment in each of our operating regions, the resulting unknown pace of business travel, and any future incidents or changes in those regions.

[^0]intellectual property rights under local laws; (6) rapid changes in government policy, political or civil unrest in the Middle East and elsewhere, acts of terrorism, or the threat of international boycotts or U.S. anti-boycott legislation; and (7) currency exchange rate fluctuations, which may impact the results and cash flows of our international operations.

Any failure by our international operations to comply with anti-corruption laws or trade sanctions could increase our costs, reduce our profits, limit our growth, harm our reputation, or subject us to broader liability. We are subject to restrictions imposed by the U.S. Foreign Corrupt Practices Act (the "FCPA") and anti-corruption laws and regulations of other countries applicable to our operations, such as the UK Bribery Act. Anti-corruption laws and regulations generally prohibit companies and their intermediaries from making improper payments to government officials or other persons in order to receive or retain business. These laws also require us to maintain adequate internal controls and accurate books and records. As a result of the Starwood Combination, we now have more properties in countries outside of the U.S., including in many parts of the world where corruption is common, and our compliance with anti-corruption laws may potentially conflict with local customs and practices. The compliance programs, internal controls and policies we and, prior to the Merger Date, Starwood, maintain and enforce to promote compliance with applicable anti-bribery and anti-corruption laws may not prevent our associates, contractors or agents from acting in ways prohibited by these laws and regulations. We are also subject to trade sanctions administered by the Office of Foreign Assets Control and the U.S. Department of Commerce. Our compliance programs and internal controls also may not prevent conduct that is prohibited under these rules. The United States may impose additional sanctions at any time against any country in which or with whom we do business. Depending on the nature of the sanctions imposed, our operations in the relevant country could be restricted or otherwise adversely affected. Any violations of anticorruption laws and regulations or trade sanctions could result in significant civil and criminal penalties, reduce our profits, disrupt or have a material adverse effect on our business, damage our reputation, or result in lawsuits being brought against the Company or its officers or directors. In addition, the operation of these laws or an imposition of further restrictions in these areas could increase our cost of operations, reduce our profits or cause us to forgo development opportunities, or cease operations in certain countries, that would otherwise support growth.

In connection with the Starwood Combination, we are currently assessing various regulatory compliance matters at several foreign Legacy-Starwood locations, including compliance with the FCPA. The results of this assessment may give rise to contingencies that could require us to record balance sheet liabilities or accrue expenses, the amounts of which we are not able to currently estimate.

Exchange rate fluctuations and foreign exchange hedging arrangements could result in significant foreign currency gains and losses and affect our business results. We earn revenues and incur expenses in foreign currencies as part of our operations outside of the United States. Accordingly, fluctuations in currency exchange rates may significantly increase the amount of U.S. dollars required for foreign currency expenses or significantly decrease the U.S. dollars we receive from foreign currency revenues. We are also exposed to currency translation risk because the results of our business outside of the U.S. are generally reported in local currency, which we then translate to U.S. dollars for inclusion in our consolidated financial statements. As a result, changes between the foreign exchange rates and the U.S. dollar affect the amounts we record for our foreign assets, liabilities, revenues and expenses, and could have a negative effect on our financial results. We expect that our exposure to foreign currency exchange rate fluctuations will grow as the relative contribution of our non-U.S. operations increases. Our efforts to mitigate some of our foreign currency exposure by entering into foreign exchange hedging agreements with financial institutions to reduce exposures to some of the principal currencies in which we receive management and franchise fees may not be successful. In this regard, these hedging agreements do not cover all currencies in which we do business, do not eliminate foreign currency risk entirely for the currencies that they do cover, and involve costs and risks of their own in the form of transaction costs, credit requirements and counterparty risk.

Some of our management agreements and related contracts require us to make payments to owners if the hotels do not achieve specified levels of operating profit. Some of our contracts with hotel owners require that we fund shortfalls if the hotels do not attain specified levels of operating profit. We may not be able to recover any fundings of such performance guarantees, which could lower our profits and reduce our cash flows.

Our new programs and new branded products may not be successful. We cannot assure you that recently launched, newly acquired, or recently announced brands, such as EDITION, AC Hotels by Marriott in the Americas, Protea Hotels, Moxy Hotels, Delta Hotels, and those we acquired as a result of the Starwood Combination, or any other new programs or products we may launch in the future, will be accepted by hotel owners, potential franchisees, or the traveling public or other customers. We also cannot be certain that we will recover the costs we incurred in developing or acquiring the brands or any new programs or products, or that the brands or any new programs or products will be successful. In addition, some of our new or newly acquired brands involve or may involve cooperation and/or consultation with one or more third parties, including some shared control over product design and development, sales and marketing, and brand standards. Disagreements with these third parties could slow the development of these new brands and/or impair our ability to take actions we believe to be advisable for the success and profitability of such brands.

Risks relating to natural or man-made disasters, contagious disease, terrorist activity, and war could reduce the demand for lodging, which may adversely affect our revenues. So called "Acts of God," such as hurricanes, earthquakes, tsunamis, and other natural disasters, such as Hurricane Sandy in the Northeastern United States, the earthquake and tsunami in Japan, and man-made disasters in recent years as well as the potential spread of contagious diseases such as MERS (Middle East Respiratory Syndrome), Zika virus, and Ebola in locations where we own, manage, or franchise significant properties and areas of the world from which we draw a large number of customers, could cause a decline in business or leisure travel and reduce demand for lodging. Actual or threatened war, terrorist activity, political unrest, or civil strife, such as recent events in Fort Lauderdale, Orlando, Charlotte, Berlin, Brussels, Paris, Turkey, Ukraine and Russia, the Middle East, and other geopolitical uncertainty could have a similar effect. Any one or more of these events may reduce the overall demand for hotel rooms and corporate apartments or limit the prices that we can obtain for them, both of which could adversely affect our profits.

Disagreements with owners of hotels that we manage or franchise may result in litigation or may delay implementation of product or service initiatives. Consistent with our focus on management and franchising, we own very few of our lodging properties. The nature of our responsibilities under our management agreements to manage each hotel and enforce the standards required for our brands under both management and franchise agreements may be subject to interpretation and will from time to time give rise to disagreements, which may include disagreements over the need for or payment for new product, service or systems initiatives, the timing and amount of capital investments, and reimbursement for certain system initiatives and costs. Such disagreements may be more likely when hotel returns are weaker. We seek to resolve any disagreements in order to develop and maintain positive relations with current and potential hotel owners and joint venture partners, but we are not always able to do so. Failure to resolve such disagreements has resulted in litigation, and could do so in the future. If any such litigation results in a significant adverse judgment, settlement, or court order, we could suffer significant losses, our profits could be reduced, or our future ability to operate our business could be constrained.


#### Abstract

Our business depends on the quality and reputation of our brands, and any deterioration in the quality or reputation of these brands could have an adverse impact on our market share, reputation, business, financial condition, or results of operations. Events that may be beyond our control could affect the reputation of one or more of our properties or more generally impact the reputation of our brands. If the reputation or perceived quality of our brands declines, our market share, reputation, business, financial condition, or results of operations could be affected.


If our brands, goodwill or other intangible assets become impaired, we may be required to record significant non-cash charges to earnings. As of December 31, 2016, we had $\$ 16.9$ billion of goodwill and other intangible assets, including $\$ 6.5$ billion attributable to the Legacy-Starwood brands (based on the preliminary purchase accounting for the Starwood Combination), a significant increase over the $\$ 2.4$ billion of goodwill and other intangible assets we had as of December 31, 2015. The amount of goodwill acquired in the Starwood Combination could increase over the year following the acquisition if we determine that the value of physical assets acquired is less than, or the amount of liabilities assumed (including under Starwood's guest loyalty program) is greater than, we preliminarily estimated. We review goodwill and indefinite-lived intangible assets for impairment annually or whenever events or circumstances indicate impairment may have occurred. Estimated fair values of our brands or reporting units could change if, for example, there are changes in the business climate, unanticipated changes in the competitive environment, adverse legal or regulatory actions or developments, changes in customers' perception of and the reputation of the Legacy-Starwood brands, or changes in interest rates, operating cash flows, or market capitalization. Because of the significance of our goodwill and intangible assets, any future impairment of these assets could require material non-cash charges to our results of operations, which could have a material adverse effect on our financial condition and results of operations.

Actions by our franchisees and licensees could adversely affect our image and reputation. We franchise and license many of our brand names and trademarks to third parties in connection with lodging, timeshare, residential services, and our credit card programs. Under the terms of their agreements with us, our franchisees and licensees interact directly with customers and other third parties under our brand and trade names. If these franchisees or licensees fail to maintain or act in accordance with applicable brand standards; experience operational problems, including any data breach involving customer information; or project a brand image inconsistent with ours, our image and reputation could suffer. Although our franchise and license agreements provide us with recourse and remedies in the event of a breach by the franchisee or licensee, including termination of the agreements under certain circumstances, pursuing any such recourse, remedy, or termination could be expensive and time consuming. In addition, we cannot assure you that a court would ultimately enforce our contractual termination rights in every instance.

Damage to, or losses involving, properties that we own, manage, or franchise may not be covered by insurance. We have comprehensive property and liability insurance policies for our managed, leased, and owned properties with coverage features and insured limits that we believe are customary, and require our franchisees to maintain similar levels of insurance. Market forces beyond our control may nonetheless limit the scope of the insurance coverage we or our franchisees can obtain, or our or their ability to obtain coverage at reasonable rates. Certain types of losses, generally of a catastrophic nature, such as
earthquakes, hurricanes and floods, or terrorist acts, or liabilities that result from breaches in the security of our information systems, may be uninsurable or too expensive to justify obtaining insurance. As a result, we and our franchisees may not be successful in obtaining insurance without increases in cost or decreases in coverage levels. In addition, in the event of a substantial loss, the insurance coverage we or our franchisees carry may not be sufficient to pay the full market value or replacement cost of any lost investment or in some cases could result in certain losses being totally uninsured. As a result, we could lose some or all of any capital that we have invested in a property, as well as the anticipated future revenue from the property, and we could remain obligated for guarantees, debt, or other financial obligations for the property.

## Development and Financing Risks

While we are predominantly a manager and franchisor of hotel properties, our hotel owners depend on capital to buy, develop, and improve hotels, and our hotel owners may be unable to access capital when necessary. In order to fund new hotel investments, as well as refurbish and improve existing hotels, both we and current and potential hotel owners must periodically spend money. The availability of funds for new investments and improvement of existing hotels by our current and potential hotel owners depends in large measure on capital markets and liquidity factors, over which we can exert little control. The difficulty of obtaining financing on attractive terms may be constrained by the capital markets for hotel and real estate investments. In addition, owners of existing hotels that we franchise or manage may have difficulty meeting required debt service payments or refinancing loans at maturity.

Our growth strategy depends upon third-party owners/operators, and future arrangements with these third parties may be less favorable. Our growth strategy for development of additional lodging facilities entails entering into and maintaining various arrangements with property owners. The terms of our management agreements, franchise agreements, and leases for each of our lodging facilities are influenced by contract terms offered by our competitors, among other things. We cannot assure you that any of our current arrangements will continue or that we will be able to enter into future collaborations, renew agreements, or enter into new agreements in the future on terms that are as favorable to us as those that exist today.

Our ability to grow our management and franchise systems is subject to the range of risks associated with real estate investments. Our ability to sustain continued growth through management or franchise agreements for new hotels and the conversion of existing facilities to managed or franchised Marriott brands is affected, and may potentially be limited, by a variety of factors influencing real estate development generally. These include site availability, financing, planning, zoning and other local approvals, and other limitations that may be imposed by market and submarket factors, such as projected room occupancy, changes in growth in demand compared to projected supply, territorial restrictions in our management and franchise agreements, costs of construction, and anticipated room rate structure.

Our development activities expose us to project cost, completion, and resale risks. We develop new hotel and residential properties, both directly and through partnerships, joint ventures, and other business structures with third parties. As demonstrated by the impairment charges that we recorded in 2015 and 2014 in connection with our development and construction of three EDITION hotels and residences, our ongoing involvement in the development of properties presents a number of risks, including that: (1) continued weakness in the capital markets may limit our ability, or that of third parties with whom we do business, to raise capital for completion of projects that have commenced or for development of future properties; (2) properties that we develop could become less attractive due to decreases in demand for hotel and residential properties, market absorption or oversupply, with the result that we may not be able to sell such properties for a profit or at the prices or selling pace we anticipate, potentially requiring additional changes in our pricing strategy that could result in further charges; (3) construction delays, cost overruns, lender financial defaults, or so called "Acts of God" such as earthquakes, hurricanes, floods, or fires may increase overall project costs or result in project cancellations; and (4) we may be unable to recover development costs we incur for any projects that we do not pursue to completion.

Our owned properties and other real estate investments subject us to numerous risks. Although we had relatively few owned and leased properties at the end of 2016, we acquired significant numbers of those properties as part of the Starwood Combination, and such properties are subject to the risks that generally relate to investments in real property. Although we intend to sell most of our owned and leased properties over the next two years, equity real estate investments can be difficult to sell quickly, and we may not be able to do so at prices we find acceptable or at all. Moreover, the investment returns available from equity investments in real estate depend in large part on the amount of income earned and capital appreciation generated by the related properties, and the expenses incurred. A variety of other factors also affect income from properties and real estate values, including governmental regulations, insurance, zoning, tax and eminent domain laws, interest rate levels, and the availability of financing. For example, new or existing real estate zoning or tax laws can make it more expensive and/or timeconsuming to develop real property or expand, modify, or renovate hotels. When interest rates increase, the cost of acquiring, developing, expanding, or renovating real property increases and real property values may decrease as the number of potential buyers decreases. Similarly, as financing becomes less available, it becomes more difficult both to acquire and to sell real property. Finally, under eminent domain laws, governments can take real property. Sometimes this taking is for less
compensation than the owner believes the property is worth. Despite our asset-light strategy, our real estate properties could be impacted by any of these factors, resulting in a material adverse impact on our results of operations or financial condition. If our properties do not generate revenue sufficient to meet operating expenses, including needed capital expenditures, our income will be adversely affected.

Development activities that involve our co-investment with third parties may result in disputes that could increase project costs, impair project operations, or increase project completion risks. Partnerships, joint ventures, and other business structures involving our co-investment with third parties which we have entered into or acquired as part of the Starwood Combination generally include some form of shared control over the operations of the business and create added risks, including the possibility that other investors in such ventures could become bankrupt or otherwise lack the financial resources to meet their obligations, or could have or develop business interests, policies, or objectives that are inconsistent with ours. Actions by another investor may present additional risks of project delay, increased project costs, or operational difficulties following project completion. Such disputes may also be more likely in difficult business environments.

Investing through partnerships or joint ventures decreases our ability to manage risk. In addition to acquiring or developing hotels and resorts or acquiring companies that complement our business directly, Starwood, and to the lesser extent Marriott, has from time to time invested, and we may continue to invest, as a co-venturer. Such arrangements often have shared control over the operation of the assets. Therefore, such investments may involve risks such as the possibility that the coventurer might become bankrupt or not have the financial resources to meet its obligations. Should a venture partner become bankrupt we could become liable for our partner's share of venture's liabilities. Also, our venture partner may have economic or business interests or goals that are inconsistent with our economic or business interests or goals, may be in a position to take action contrary to our instructions, or may make requests contrary to our policies or objectives. Further, we may be unable to take action without the approval of our venture partners and, alternatively, our venture partners could take actions binding on the venture or partnership without our consent. Therefore, actions by a co-venturer might subject the assets owned by the venture or partnership to additional risk. We cannot assure you that our investments through partnerships or joint ventures will be successful despite these risks.

Risks associated with development and sale of residential properties associated with our lodging properties or brands may reduce our profits. In certain hotel and timeshare projects we participate, directly or through noncontrolling interests and/ or licensing agreements, in the development and sale of residential properties associated with our brands, including residences and condominiums under our JW Marriott, The Ritz-Carlton, The Ritz-Carlton Reserve, W Hotels, The Luxury Collection, St. Regis, EDITION, Bulgari Hotels \& Resorts, Marriott Hotels, Sheraton, Westin, and Autograph Collection Hotels brand names and trademarks. Such projects pose further risks beyond those generally associated with our lodging business, which may reduce our profits or compromise our brand equity, including the following: (1) weakness in residential real estate and demand generally may reduce our profits and could make it more difficult to convince future hotel development partners of the value added by our brands; (2) increases in interest rates, reductions in mortgage availability, or increases in the costs of residential ownership could prevent potential customers from buying residential products or reduce the prices they are willing to pay; and (3) residential construction may be subject to warranty and liability claims, and the costs of resolving such claims may be significant.

Some hotel openings in our existing development pipeline and approved projects may be delayed or not result in new hotels, which could adversely affect our growth prospects. We report a significant number of hotels in our development pipeline, including hotels under construction and under signed contracts, as well as hotels approved for development but not yet under signed contracts. The eventual opening of such pipeline hotels and, in particular, the hotels approved for development that are not yet under contract, is subject to numerous risks, including in some cases the owner's or developer's ability to obtain adequate financing or governmental or regulatory approvals. Accordingly, we cannot assure you that our development pipeline, and in particular hotels not yet under contract, will result in new hotels that enter our system, or that those hotels will open when we anticipate.

If we incur losses on loans or loan guarantees that we have made to third parties, our profits could decline. At times, we make loans for hotel development or renovation expenditures in connection with entering into or amending management or franchise agreements. From time to time we also provide third-party lenders financial guarantees for the timely repayment of all or a portion of debt related to hotels that we manage or franchise, generally subject to an obligation that the owner reimburse us for any fundings. We could suffer losses if hotel owners or franchisees default on loans that we provide or fail to reimburse us for loan guarantees that we have funded.

If owners of hotels that we manage or franchise cannot repay or refinance mortgage loans secured by their properties, our revenues and profits could decrease and our business could be harmed. The owners of many of our managed or franchised properties have pledged their hotels as collateral for mortgage loans that they entered into when those properties were purchased or refinanced. If those owners cannot repay or refinance maturing indebtedness on favorable terms or at all, the
lenders could declare a default, accelerate the related debt, and repossess the property. Such sales or repossessions could, in some cases, result in the termination of our management or franchise agreements and eliminate our anticipated income and cash flows, which could negatively affect our results of operations.

## Technology, Information Protection, and Privacy Risks

A failure to keep pace with developments in technology could impair our operations or competitive position. The lodging industry continues to demand the use of sophisticated technology and systems, including those used for our reservation, revenue management, and property management systems, our Loyalty Programs, and technologies we make available to our guests. These technologies and systems must be refined, updated, and/or replaced with more advanced systems on a regular basis, and if we cannot do so as quickly as our competitors or within budgeted costs and time frames, our business could suffer. We also may not achieve the benefits that we anticipate from any new technology or system, and a failure to do so could result in higher than anticipated costs or could impair our operating results.

An increase in the use of third-party Internet services to book online hotel reservations could adversely impact our business. Some of our hotel rooms are booked through Internet travel intermediaries such as Expedia.com ${ }^{\mathbb{B}}$, Priceline.com ${ }^{\circledR}$, Booking.com ${ }^{\mathrm{TM}}$, Travelocity.com ${ }^{\circledR}$, and Orbitz.com ${ }^{\circledR}$, as well as lesser-known online travel service providers. These intermediaries initially focused on leisure travel, but now also provide offerings for corporate travel and group meetings. Although Marriott's and Starwood's respective Best Rate Guarantee programs have helped prevent customer preference shift to the intermediaries and greatly reduced the ability of intermediaries to undercut the published rates at our hotels, intermediaries continue to use a variety of aggressive online marketing methods to attract customers, including the purchase, by certain companies, of trademarked online keywords such as "Marriott" from Internet search engines such as Google ${ }^{\circledR}$, Bing ${ }^{\circledR}$, Yahoo ${ }^{\circledR}$, and Baidu ${ }^{\circledR}$ to steer customers toward their websites (a practice that has been challenged by various trademark owners in federal court). Although Marriott has successfully limited these practices through contracts with key online intermediaries, the number of intermediaries and related companies that drive traffic to intermediaries' websites is too large to permit us to eliminate this risk entirely. Our business and profitability could be harmed if online intermediaries succeed in significantly shifting loyalties from our lodging brands to their travel services, diverting bookings away from Marriott and Starwood direct online channels, or through their fees increasing the overall cost of Internet bookings for our hotels. In addition, if we fail to reach satisfactory agreements with intermediaries as our contracts with them come up for periodic renewal, our hotels might no longer appear on their websites and we could lose business as a result.

We are exposed to risks and costs associated with protecting the integrity and security of internal and customer data. Our businesses process, use, and transmit large volumes of internal employee and customer data, including credit card numbers and other personal information in various information systems that we maintain and in those maintained by third parties, including our owners, franchisees and licensees, as well as our service providers, in areas such as human resources outsourcing, website hosting, and various forms of electronic communications. The integrity and protection of that customer, employee, and company data is critical to our business. If that data is inaccurate or incomplete, we could make faulty decisions.

Our customers and employees also have a high expectation that we, as well as our owners, franchisees, licensees, and service providers, will adequately protect their personal information. The information, security, and privacy requirements imposed by governmental regulation and the requirements of the payment card industry are also increasingly demanding, in both the United States and other jurisdictions where we operate. Our systems and the systems maintained or used by our owners, franchisees, licensees, and service providers may not be able to satisfy these changing requirements and employee and customer expectations, or may require significant additional investments or time in order to do so.

Cyber-attacks could have a disruptive effect on our business. Efforts to hack or breach security measures, failures of systems or software to operate as designed or intended, viruses, operator error, or inadvertent releases of data may materially impact our, including our owners', franchisees', licensees', or service providers', information systems and records. Our reliance on computer, Internet-based and mobile systems and communications and the frequency and sophistication of efforts by hackers to gain unauthorized access to such systems have increased significantly in recent years. A significant theft, loss, or fraudulent use of customer, employee, or company data could adversely impact our reputation and could result in remedial and other expenses, fines, or litigation. Breaches in the security of our information systems or those of our owners, franchisees, licensees, or service providers or other disruptions in data services could lead to an interruption in the operation of our systems, resulting in operational inefficiencies and a loss of profits. In addition, although we carry cyber/privacy liability insurance that is designed to protect us against certain losses related to cyber risks, such insurance coverage may be insufficient to cover all losses or all types of claims that may arise in connection with cyber-attacks, security breaches, and other related breaches. Furthermore, in the future such insurance may not be available to us on commercially reasonable terms, or at all.

Changes in privacy law could increase our operating costs and adversely affect our ability to market our products effectively. We are subject to numerous laws, regulations, and contractual obligations designed to protect personal information,
including foreign data protection laws, various U.S. federal and state laws, and credit card industry security standards and other applicable information privacy and security standards. Compliance with changes in applicable privacy regulations may increase our operating costs.

Additionally, we rely on a variety of direct marketing techniques, including email marketing, online advertising, and postal mailings. Any further restrictions in laws such as the CANSPAM Act, and various U.S. state laws, or new federal laws on marketing and solicitation or international data protection laws that govern these activities could adversely affect the continuing effectiveness of email, online advertising, and postal mailing techniques and could force further changes in our marketing strategy. If this occurs, we may not be able to develop adequate alternative marketing strategies, which could impact the amount and timing of our sales of certain products. We also obtain access to potential customers from travel service providers or other companies with whom we have substantial relationships and market to some individuals on these lists directly or by including our marketing message in the other company's marketing materials. If access to these lists was prohibited or otherwise restricted, our ability to develop new customers and introduce them to our products could be impaired.

Any disruption in the functioning of our reservation system, such as in connection with our integration of Starwood, could adversely affect our performance and results. We manage a global reservation system that communicates reservations to our branded hotels that individuals make directly with us online, through our mobile app, or through our telephone call centers, or through intermediaries like travel agents, Internet travel websites, and other distribution channels. The cost, speed, accuracy and efficiency of our reservation system are critical aspects of our business and are important considerations for hotel owners when choosing our brands. Our business may suffer if we fail to maintain, upgrade, or prevent disruption to our reservation system. In addition, the risk of disruption in the functioning of our global reservation system could increase in connection with the system integration that we anticipate undertaking as part of our integration of Starwood. Disruptions in or changes to our reservation system could result in a disruption to our business and the loss of important data.

## Other Risks

Changes in laws and regulations could reduce our profits or increase our costs. We are subject to a wide variety of laws, regulations, and policies in jurisdictions around the world, including those for financial reporting, taxes, healthcare, and the environment. Changes to these laws, regulations, or policies, including those associated with health care, tax or financial reforms, could reduce our profits. We also anticipate that many of the jurisdictions where we do business will continue to review taxes and other revenue raising measures, and any resulting changes could impose new restrictions, costs, or prohibitions on our current practices or reduce our profits. In particular, governments may revise tax laws, regulations, or official interpretations in ways that could significantly impact us, including modifications that could reduce the profits that we can effectively realize from our non-U.S. operations, or that could require costly changes to those operations, or the way in which they are structured. For example, most U.S. company effective tax rates reflect the fact that income earned and reinvested outside the United States is generally taxed at local rates, which are often much lower than U.S. tax rates. If changes in tax laws, regulations, or interpretations significantly increase the tax rates on non-U.S. income, our effective tax rate could increase and our profits could be reduced. If such increases resulted from our status as a U.S. company, those changes could place us at a disadvantage to our non-U.S. competitors if those competitors remain subject to lower local tax rates.

If we cannot attract and retain talented associates, our business could suffer. We compete with other companies both within and outside of our industry for talented personnel. If we cannot recruit, train, develop, and retain sufficient numbers of talented associates, we could experience increased associate turnover, decreased guest satisfaction, low morale, inefficiency, or internal control failures. Insufficient numbers of talented associates could also limit our ability to grow and expand our businesses. Any shortage of skilled labor could also require higher wages that would increase our labor costs, which could reduce our profits.

Delaware law and our governing corporate documents contain, and our Board of Directors could implement, antitakeover provisions that could deter takeover attempts. Under the Delaware business combination statute, a shareholder holding 15 percent or more of our outstanding voting stock could not acquire us without Board of Director consent for at least three years after the date the shareholder first held 15 percent or more of the voting stock. Our governing corporate documents also, among other things, require supermajority votes for mergers and similar transactions. In addition, our Board of Directors could, without shareholder approval, implement other anti-takeover defenses, such as a shareholder rights plan.

## Item 1B. Unresolved Staff Comments.

None.

## Item 2. Properties.

We describe our company-operated properties in Part I, Item 1. "Business" earlier in this report, and under the "Properties and Rooms by Segment" caption in Part II, Item 7. "Management's Discussion and Analysis of Financial Condition and Results of Operations." We believe our properties are in generally good physical condition with the need for only routine repairs and maintenance and periodic capital improvements. Most of our regional offices, reservation centers, and sales offices, as well as our corporate headquarters, are located in leased facilities, both domestically and internationally.

As of December 31, 2016, we owned or leased 70 hotel properties as follows:

| Properties | Location | Rooms |
| :---: | :---: | :---: |
| North American Full-Service |  |  |
| Owned Hotels |  |  |
| The St. Regis, New York | New York, NY | 238 |
| The Westin Peachtree Plaza, Atlanta | Atlanta, GA | 1,073 |
| The Westin Maui Resort \& Spa, Ka'anapali | Lahaina, HI | 759 |
| The Tremont Chicago Hotel at Magnificent Mile | Chicago, IL | 135 |
| Le Centre Sheraton Montreal Hotel | Montreal, Canada | 825 |
| Sheraton Centre Toronto Hotel | Toronto, Canada | 1,372 |
| Sheraton Gateway Hotel in Toronto International Airport | Mississauga, Canada | 474 |
| Charlotte Marriott City Center | Charlotte, NC | 438 |
| Las Vegas Marriott | Las Vegas, NV | 278 |
| Leased Hotels |  |  |
| W New York - Times Square | New York, NY | 509 |
| Renaissance New York Times Square Hotel | New York, NY | 310 |
| Anaheim Marriott | Anaheim, CA | 1,030 |
| Kaua'i Marriott Resort | Lihue, HI | 356 |
|  |  |  |
| North American Limited-Service |  |  |
| Owned Hotels |  |  |
| Courtyard Las Vegas Convention Center | Las Vegas, NV | 149 |
| Residence Inn Las Vegas Convention Center | Las Vegas, NV | 192 |
| Leased Hotels |  |  |
| Albuquerque Airport Courtyard | Albuquerque, NM | 150 |
| Baltimore BWI Airport Courtyard | Linthicum, MD | 149 |
| Baton Rouge Acadian Centre/LSU Area Courtyard | Baton Rouge, LA | 149 |
| Chicago O'Hare Courtyard | Des Plaines, IL | 180 |
| Des Moines West/Clive Courtyard | Clive, IA | 108 |
| Fort Worth University Drive Courtyard | Fort Worth, TX | 130 |
| Greensboro Courtyard | Greensboro, NC | 149 |
| Indianapolis Airport Courtyard | Indianapolis, IN | 151 |
| Irvine John Wayne Airport/Orange County Courtyard | Irvine, CA | 153 |
| Louisville East Courtyard | Louisville, KY | 151 |
| Mt. Laurel Courtyard | Mt Laurel, NJ | 151 |
| Newark Liberty International Airport Courtyard | Newark, NJ | 146 |
| Orlando Airport Courtyard | Orlando, FL | 149 |
| Orlando International Drive/Convention Center Courtyard | Orlando, FL | 151 |
| Sacramento Airport Natomas Courtyard | Sacramento, CA | 151 |
| San Diego Sorrento Valley Courtyard | San Diego, CA | 149 |
| Spokane Downtown at the Convention Center Courtyard | Spokane, WA | 149 |
| St. Louis Downtown West Courtyard | St. Louis, MO | 151 |


| Properties | Location | Rooms |
| :---: | :---: | :---: |
| International |  |  |
| Owned Hotels |  |  |
| Park Tower, Buenos Aires | Buenos Aires, Argentina | 181 |
| The Westin Denarau Island Resort | Nadi, Fiji | 246 |
| Sheraton Buenos Aires Hotel \& Convention Center | Buenos Aires, Argentina | 740 |
| Sheraton Fiji Resort | Nadi, Fiji | 297 |
| Sheraton Grand Rio Hotel \& Resort | Rio de Janeiro, Brazil | 539 |
| Sheraton Lima Hotel \& Convention Center | Lima, Peru | 431 |
| Sheraton Mexico City Maria Isabel Hotel | Mexico City, Mexico | 755 |
| Courtyard by Marriott Toulouse Airport | Toulouse, France | 186 |
| Courtyard by Marriott Aberdeen Airport | Aberdeen, UK | 194 |
| Courtyard by Marriott Rio de Janeiro Barra da Tijuca | Barra da Tijuca, Brazil | 264 |
| Residence Inn Rio de Janeiro Barra da Tijuca | Barra da Tijuca, Brazil | 140 |
| Leased Hotels |  |  |
| Grosvenor House, A JW Marriott Hotel | London, UK | 496 |
| The Ritz-Carlton, Berlin | Berlin, Germany | 303 |
| The Ritz-Carlton, Tokyo | Tokyo, Japan | 250 |
| W Barcelona | Barcelona, Spain | 473 |
| W London - Leicester Square | London, UK | 192 |
| Hotel Alfonso XIII | Seville, Spain | 151 |
| Hotel Maria Cristina, San Sebastian | San Sebastian, Spain | 136 |
| The St. Regis, Osaka | Osaka, Japan | 160 |
| Cape Town Marriott Hotel Crystal Towers | Cape Town, South Africa | 180 |
| Frankfurt Marriott Hotel | Frankfurt Germany | 587 |
| Berlin Marriott Hotel | Berlin, Germany | 379 |
| Leipzig Marriott Hotel | Leipzig, Germany | 231 |
| Heidelberg Marriott Hotel | Heidelberg, Germany | 248 |
| Sheraton Diana Majestic Hotel, Milan | Milan, Italy | 105 |
| Renaissance Duesseldorf Hotel | Duesseldorf, Germany | 244 |
| Renaissance Hamburg Hotel | Hamburg, Germany | 205 |
| Renaissance Santo Domingo Jaragua Hotel \& Casino | Santo Domingo, Dominican Republic | 300 |
| African Pride 15 on Orange Hotel | Cape Town, South Africa | 135 |
| African Pride Melrose Arch | Johannesburg, South Africa | 118 |
| Protea Hotel by Marriott Cape Town Sea Point | Cape Town, South Africa | 124 |
| Protea Hotel by Marriott Midrand | Midrand, South Africa | 177 |
| Protea Hotel by Marriott Pretoria Centurion | Pretoria, South Africa | 177 |
| Protea Hotel by Marriott O R Tambo Airport | Johannesburg, South Africa | 213 |
| Protea Hotel by Marriott Roodepoort | Roodepoort, South Africa | 79 |
| Protea Hotel Fire \& Ice! by Marriott Cape Town | Cape Town, South Africa | 201 |
| Protea Hotel Fire \& Ice! by Marriott Johannesburg Melrose Arch | Johannesburg, South Africa | 197 |

## Item 3. Legal Proceedings.

See the information under "Legal Proceedings" in Footnote 8 "Commitments and Contingencies" which we incorporate here by reference.

From time to time, we are also subject to other legal proceedings and claims in the ordinary course of business, including adjustments proposed during governmental examinations of the various tax returns we file. While management presently believes that the ultimate outcome of these proceedings, individually and in the aggregate, will not materially harm our financial position, cash flows, or overall trends in results of operations, legal proceedings are inherently uncertain, and unfavorable rulings could, individually or in aggregate, have a material adverse effect on our business, financial condition, or operating results.

## Item 4. Mine Safety Disclosures.

Not applicable.

## Executive Officers of the Registrant

See the information under "Executive Officers of the Registrant" in Part III, Item 10 of this report for information about our executive officers, which we incorporate here by reference.

## PART II

## Item 5. Market for Registrant's Common Equity, Related Stockholder Matters, and Issuer Purchases of Equity Securities.

## Market Information and Dividends

The table below presents the price range of our Class A Common Stock (our "common stock") and the per share cash dividends we declared for each fiscal quarter during the last two years.

|  |  | Stock Price |  |  |  | Dividends Declared per Share |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | High |  | Low |  |  |  |
| 2016 | First Quarter | \$ | 73.89 | \$ | 56.43 | \$ | 0.2500 |
|  | Second Quarter |  | 70.75 |  | 60.87 |  | 0.3000 |
|  | Third Quarter |  | 73.99 |  | 66.09 |  | 0.3000 |
|  | Fourth Quarter |  | 86.15 |  | 65.91 |  | 0.3000 |
|  |  |  | Stock | Pri |  |  |  |
|  |  |  |  |  |  |  |  |
| 2015 | First Quarter | \$ | 85.00 | \$ | 72.77 | \$ | 0.2000 |
|  | Second Quarter |  | 84.33 |  | 73.77 |  | 0.2500 |
|  | Third Quarter |  | 78.76 |  | 63.95 |  | 0.2500 |
|  | Fourth Quarter |  | 79.88 |  | 64.64 |  | 0.2500 |

At February 7, 2017, 383,561,428 shares of our common stock were outstanding and were held by 37,941 shareholders of record. We issued 134.4 million unrestricted shares of common stock in the Starwood Combination. Our common stock trades on the NASDAQ Global Select Market ("NASDAQ") and the Chicago Stock Exchange. The fiscal year-end closing price for our stock was $\$ 82.68$ on December 30, 2016, and $\$ 67.04$ on December 31, 2015. All prices are reported on the consolidated transaction reporting system.

## Fourth Quarter 2016 Issuer Purchases of Equity Securities

(in millions, except per share amounts)

| Period | Total Number of Shares Purchased | Average Price per Share |  | Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs ${ }^{(1)}$ | Maximum Number of Shares That May Yet Be Purchased Under the Plans or Programs ${ }^{(1)}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| October 1, 2016-October 31, 2016 | - | \$ | - | - | 35.7 |
| November 1, 2016-November 30, 2016 | 2.1 | \$ | 77.15 | 2.1 | 33.6 |
| December 1, 2016-December 31, 2016 | 2.2 | \$ | 83.01 | 2.2 | 31.4 |

(1) On February 11, 2016, we announced that our Board of Directors had increased the authorization to repurchase our common stock by 25 million shares as part of an ongoing share repurchase program. At year-end 2016, 31.4 million shares remained available for repurchase under previous authorizations. We repurchase shares in the open market and in privately negotiated transactions.

## Item 6. Selected Financial Data.

The following table presents a summary of our selected historical financial data derived from our last 10 years of Financial Statements. Because this information is only a summary and does not provide all of the information contained in our Financial Statements, including the related notes, you should read "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our Financial Statements for each year for more detailed information including, among other items, restructuring costs and other charges we incurred in 2016, 2009, and 2008, timeshare strategy-impairment charges we incurred in 2011 and 2009, and our 2011 spin-off of our former timeshare operations and timeshare development business. For 2016, we include Legacy-Starwood results from the Merger Date to year-end 2016.

| (\$ in millions, except per share data) | 2016 |  | 2015 |  | 2014 |  | 2013 |  | Fiscal Year ${ }^{(1)}$ |  |  |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 2012 |  |  |  | 2011 |  |  |  |  |  |  |  |  |
| Income Statement Data: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenues ${ }^{(2)}$ | \$ | 17,072 |  |  | \$ | 14,486 |  |  | \$ | 13,796 | \$ | 12,784 | \$ | 11,814 | \$ | 12,317 | \$ | 11,691 | \$ | 10,908 | \$ | 12,879 | \$ | 12,990 |
| Operating income (loss) ${ }^{(2)}$ | \$ | 1,368 | \$ | 1,350 | \$ | 1,159 | \$ | 988 | \$ | 940 | \$ | 526 | \$ | 695 | \$ | (152) | \$ | 765 | \$ | 1,183 |
| Income (loss) from continuing operations attributable to Marriott | \$ | 780 | \$ | 859 | \$ | 753 | \$ | 626 | \$ | 571 | \$ | 198 | \$ | 458 | \$ | (346) | \$ | 359 | \$ | 697 |
| Discontinued operations ${ }^{(3)}$ |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | 3 |  | (1) |
| Net income (loss) attributable to Marriott | \$ | 780 | \$ | 859 | \$ | 753 | \$ | 626 | \$ | 571 | \$ | 198 | \$ | 458 | \$ | (346) | \$ | 362 | \$ | 696 |
| Per Share Data ${ }^{(4)}$ : |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Diluted earnings (losses) per share from continuing operations attributable to Marriott shareholders | \$ | 2.64 | \$ | 3.15 | \$ | 2.54 | \$ | 2.00 | \$ | 1.72 | \$ | 0.55 | \$ | 1.21 | \$ | (0.97) | \$ | 0.97 | \$ | 1.73 |
| Diluted earnings per share from discontinued operations attributable to Marriott shareholders |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | - |  | 0.01 |  |  |
| Diluted earnings (losses) per share attributable to Marriott shareholders | \$ | 2.64 | \$ | 3.15 | \$ | 2.54 | \$ | 2.00 | \$ | 1.72 | \$ | 0.55 | \$ | 1.21 | \$ | (0.97) | \$ | 0.98 | \$ | 1.73 |
| Cash dividends declared per share | \$ | 1.1500 | \$ | 0.9500 | \$ | 0.7700 | \$ | 0.6400 | \$ | 0.4900 | \$ | 0.3875 | \$ | 0.2075 | \$ | 0.0866 | \$ | 0.3339 | \$ | 0.2844 |
| Balance Sheet Data (at year-end): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total assets ${ }^{(7)}$ | \$ | 24,140 | \$ | 6,082 | \$ | 6,833 | \$ | 6,794 | \$ | 6,342 | \$ | 5,910 | \$ | 8,983 | \$ | 7,933 | \$ | 8,903 | \$ | 8,942 |
| Long-term debt ${ }^{(7)}$ |  | 8,197 |  | 3,807 |  | 3,447 |  | 3,147 |  | 2,528 |  | 1,816 |  | 2,691 |  | 2,234 |  | 2,975 |  | 2,790 |
| Shareholders' equity (deficit) |  | 5,357 |  | $(3,590)$ |  | $(2,200)$ |  | $(1,415)$ |  | $(1,285)$ |  | (781) |  | 1,585 |  | 1,142 |  | 1,380 |  | 1,429 |
| Other Data: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Base management fees | \$ | 806 | \$ | 698 | \$ | 672 | \$ | 621 | \$ | 581 | \$ | 602 | \$ | 562 | \$ | 530 | \$ | 635 | \$ | 620 |
| Franchise fees |  | 988 |  | 853 |  | 745 |  | 666 |  | 607 |  | 506 |  | 441 |  | 400 |  | 451 |  | 439 |
| Incentive management fees |  | 425 |  | 319 |  | 302 |  | 256 |  | 232 |  | 195 |  | 182 |  | 154 |  | 311 |  | 369 |
| Total fees | \$ | 2,219 | \$ | 1,870 | \$ | 1,719 | \$ | 1,543 | \$ | 1,420 | \$ | 1,303 | \$ | 1,185 | \$ | 1,084 | \$ | 1,397 | \$ | 1,428 |
| Fee Revenue-Source: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| North America ${ }^{(5)}$ | \$ | 1,682 | \$ | 1,458 | \$ | 1,319 | \$ | 1,186 | \$ | 1,074 | \$ | 970 | \$ | 878 | \$ | 806 | \$ | 1,038 | \$ | 1,115 |
| Total Outside North America ${ }^{(6)}$ |  | 537 |  | 412 |  | 400 |  | 357 |  | 346 |  | 333 |  | 307 |  | 278 |  | 359 |  | 313 |
| Total fees | \$ | 2,219 | \$ | 1,870 | \$ | 1,719 | \$ | 1,543 | \$ | 1,420 | \$ | 1,303 | \$ | 1,185 | \$ | 1,084 | \$ | 1,397 | \$ | 1,428 |

(1) In 2013, we changed to a calendar year-end reporting cycle. All fiscal years presented before 2013 included 52 weeks, except for 2008 which included 53 weeks.
 other" caption of our Income Statements to conform to our presentation for periods beginning in 2009. This reclassification only affected operating income.
The following businesses became discontinued operations in the year we announced that we would sell or exit them: synthetic fuel (2007).
We issued stock dividends in the third and fourth quarters of 2009 and have adjusted all per share data retroactively to reflect those stock dividends.
Represents fee revenue from the United States (but not Hawaii before 2011) and Canada.
Represents fee revenue outside of North America, as defined in footnote (5) above.
 these new accounting standards.

## Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations.

## BUSINESS AND OVERVIEW

## Overview

We are a worldwide operator, franchisor, and licensor of hotels and timeshare properties in 122 countries and territories under 30 brand names. We also develop, operate, and market residential properties and provide services to home/condominium owner associations. Under our business model, we typically manage or franchise hotels, rather than own them. We group our operations into three business segments: North American Full-Service, North American Limited-Service, and International.

## Rooms by Ownership Type <br> at year-end 2016



- Owned/Leased 2\%

Rooms by Segment
at year-end 2016


We earn base management fees and in many cases incentive management fees from the properties that we manage, and we earn franchise fees on the properties that others operate under franchise agreements with us. In most markets, base fees typically consist of a percentage of property-level revenue while incentive fees typically consist of a percentage of net house profit adjusted for a specified owner return. In the Middle East and Asia, incentive fees typically consist of a percentage of gross operating profit without adjustment for a specified owner return. Net house profit is calculated as gross operating profit (house profit) less non-controllable expenses such as insurance, real estate taxes, and capital spending reserves.

Our emphasis on long-term management contracts and franchising tends to provide more stable earnings in periods of economic softness, while adding new hotels to our system generates growth, typically with little or no investment by the Company. This strategy has driven substantial growth while minimizing financial leverage and risk in a cyclical industry. In addition, we believe minimizing our capital investments and adopting a strategy of recycling the investments that we do make maximizes and maintains our financial flexibility.

We remain focused on doing the things that we do well; that is, selling rooms, taking care of our guests, and making sure we control costs both at company-operated properties and at the corporate level ("above-property"). Our brands remain strong as a result of skilled management teams, dedicated associates, superior customer service with an emphasis on guest and associate satisfaction, significant distribution, our Loyalty Programs, a multichannel reservations system, and desirable property amenities. We strive to effectively leverage our size and broad distribution.

We, along with owners and franchisees, continue to invest in our brands by means of new, refreshed, and reinvented properties, new room and public space designs, and enhanced amenities and technology offerings. We address, through various means, hotels in our system that do not meet standards. We continue to enhance the appeal of our proprietary, information-rich, and easy-to-use websites, and of our associated mobile smartphone applications, through functionality and service improvements, and we expect to continue capturing an increasing proportion of property-level reservations via this costefficient channel.

Our profitability, as well as that of owners and franchisees, has benefited from our approach to property-level and aboveproperty productivity. Properties in our system continue to maintain very tight cost controls. We also control above-property costs, some of which we allocate to hotels, by remaining focused on systems, processing, and support areas.

## Acquisition of Starwood Hotels \& Resorts Worldwide

On the Merger Date, we completed the Starwood Combination. Our Income Statements reflect a net loss of $\$ 39$ million for Starwood's results of operations for the period from September 23, 2016 to December 31, 2016, including merger-related costs and charges, net of tax, of $\$ 194$ million. The combination of our brands creates a more comprehensive portfolio, enhances our global market distribution, and provides opportunities for cost efficiencies. Our combined company now operates or franchises over 6,000 properties with nearly 1.2 million rooms. See Footnote 3 "Acquisitions and Dispositions" for more information.

## Performance Measures

We believe Revenue per Available Room ("RevPAR"), which we calculate by dividing room sales for comparable properties by room nights available for the period, is a meaningful indicator of our performance because it measures the period-over-period change in room revenues for comparable properties. RevPAR may not be comparable to similarly titled measures, such as revenues. We also believe occupancy and average daily rate ("ADR"), which are components of calculating RevPAR, are meaningful indicators of our performance. Occupancy, which we calculate by dividing occupied rooms by total rooms available, measures the utilization of a property's available capacity. ADR, which we calculate by dividing property room revenue by total rooms sold, measures average room price and is useful in assessing pricing levels.

Our RevPAR statistics for 2016, and for 2016 compared to 2015, include Legacy-Starwood comparable properties for both full years even though Marriott did not own the Legacy-Starwood brands before the Starwood Combination. Therefore, our RevPAR statistics include Legacy-Starwood properties for periods during which fees from the Legacy-Starwood properties are not included in our Income Statements. We provide these RevPAR statistics as an indicator of the performance of our brands and to allow for comparison to industry metrics, and they should not be viewed as necessarily correlating with our fee revenue. Our RevPAR statistics for 2015, and for 2015 compared to 2014, are for Legacy-Marriott comparable properties only, as Marriott did not own the Legacy-Starwood brands at any time during that two-year period. For the properties located in countries that use currencies other than the U.S. dollar, the comparisons to the prior year period are on a constant U.S. dollar basis. We calculate constant dollar statistics by applying exchange rates for the current period to the prior comparable period.

We define our comparable properties as our properties, including those that we acquired through the Starwood Combination, that were open and operating under one of our Legacy-Marriott or Legacy-Starwood brands since the beginning of the last full calendar year (since January 1,2015 for the current period), and have not, in either the current or previous year: (i) undergone significant room or public space renovations or expansions, (ii) been converted between company-operated and franchised, or (iii) sustained substantial property damage or business interruption. For 2016 compared to 2015, we had 3,698 comparable North American properties (including 483 Legacy-Starwood properties) and 965 comparable International properties (including 506 Legacy-Starwood properties). For 2015 compared to 2014, we had 3,077 comparable North American properties and 367 comparable International properties.

We also believe company-operated house profit margin, which is the ratio of property-level gross operating profit to total property-level revenue, is a meaningful indicator of our performance because this ratio measures our overall ability as the operator to produce property-level profits by generating sales and controlling the operating expenses over which we have the most direct control. House profit includes room, food and beverage, and other revenue and the related expenses including payroll and benefits expenses, as well as repairs and maintenance, utility, general and administrative, and sales and marketing expenses. House profit does not include the impact of management fees, furniture, fixtures and equipment replacement reserves, insurance, taxes, or other fixed expenses.

## Business Trends

Our 2016 results reflected a year-over-year increase in the number of properties in our system, favorable demand for our brands in many markets around the world, and slow but steady economic growth. Comparable worldwide systemwide RevPAR for 2016 increased 1.8 percent to $\$ 113.50$, ADR increased 1.0 percent on a constant dollar basis to $\$ 156.53$, and occupancy increased 0.6 percentage points to 72.5 percent, compared to 2015 .

In North America, 2016 lodging demand for our brands reflected increased transient business, driven by higher retail and government travel, but weaker premium-priced corporate transient demand. Group business was higher in most of 2016 compared to 2015. Revenue growth was constrained in certain markets by new lodging supply, weak demand from the oil and gas industries, the impact of the strong dollar on international travel to U.S. gateway markets, and moderate GDP growth. The 2017 group revenue pace for systemwide full-service hotels in North America was up more than two percent as of year-end 2016, compared to the 2016 group pace measured as of year-end 2015.

Our Europe region experienced higher demand in 2016 across most countries, led by Spain, Portugal and Russia, partially constrained by weaker demand in France, Belgium, and Turkey following terrorism events in those countries. In our Asia Pacific region in 2016, RevPAR growth was strong in India and Thailand, while RevPAR growth in China was constrained in Hong Kong and certain southern and tertiary China markets. Middle East demand continued to be impacted by geopolitical instability, oversupply in Dubai and Qatar, and lower oil prices. In South Africa, results were favorable in 2016, reflecting strong local demand and higher international tourism attracted by the weak South African Rand. In the Caribbean and Latin America, growth from strong demand in Mexico and the Summer Olympic Games in Rio de Janeiro was offset by concerns relating to the Zika Virus in the Caribbean and weak economic conditions in most markets in South America.

We monitor market conditions and provide the tools for our hotels to price rooms daily in accordance with individual property demand levels, generally adjusting room rates as demand changes. Our hotels modify the mix of business to improve revenue as demand changes. For our company-operated properties, we continue to focus on enhancing property-level house profit margins and making productivity improvements.

Compared to 2015, worldwide comparable company-operated house profit margins in 2016 increased by 50 basis points and worldwide comparable company-operated house profit per available room ("HP-PAR") increased by 2.7 percent on a constant U.S. dollar basis, reflecting higher occupancy, rate increases, improved productivity, and solid cost controls primarily at our Legacy-Marriott properties. North American company-operated house profit margins increased by 70 basis points, and HP-PAR at those properties increased by 4.4 percent. International company-operated house profit margins increased by 20 basis points, and HP-PAR at those properties increased by 0.7 percent compared to 2015.

## System Growth and Pipeline

In 2016, we added 348 properties with 55,321 rooms, in addition to the 1,342 properties and 381,440 rooms gained with the Starwood Combination on the Merger Date. Approximately 40 percent of the added rooms are located outside North America, and 18 percent are conversions from competitor brands. Of the rooms gained with the Starwood Combination, approximately 50 percent are located outside North America. In 2016, 34 properties ( 5,691 rooms) exited our system.

At the end of 2016, including rooms under Legacy-Starwood brands, we had more than 420,000 hotel rooms in our development pipeline, which includes hotel rooms under construction and under signed contracts, and nearly 34,000 hotel rooms approved for development but not yet under signed contracts. More than half of the rooms in our development pipeline are outside North America.

We believe that we have access to sufficient financial resources to finance our growth, as well as to support our ongoing operations and meet debt service and other cash requirements. Nonetheless, our ability to develop and update our brands and the ability of hotel developers to build or acquire new Marriott-branded properties, both of which are important parts of our growth plan, depend in part on capital access, availability and cost for other hotel developers and third-party owners. These growth plans are subject to numerous risks and uncertainties, many of which are outside of our control. See the "ForwardLooking Statements" and "Risks and Uncertainties" captions earlier in this report and the "Liquidity and Capital Resources" caption later in this report.

## Brand Statistics

The following brand statistics for 2016, and for 2016 compared to 2015, include Legacy-Starwood comparable properties for both full years even though Marriott did not own the Legacy-Starwood brands before the Starwood Combination. The statistics for 2015, and for 2015 compared to 2014, are for Legacy-Marriott comparable properties only, as Marriott did not own the Legacy-Starwood brands at any time during that two-year period.

2016 Compared to 2015. The following tables present RevPAR, occupancy, and ADR for comparable properties under our Legacy-Marriott and Legacy-Starwood brands in North America and in our International regions. Systemwide statistics include data from our franchised properties, in addition to our company-operated properties.

Comparable Company-Operated North American Properties

|  | RevPAR |  |  | Occupancy |  | Average Daily Rate |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2016 |  | Change vs. 2015 | 2016 | Change vs. 2015 |  | 016 | Change vs. 2015 |
| JW Marriott | \$ | 187.02 | 4.0 \% | 76.8 \% | 2.2 \% pts. | \$ | 243.57 | 1.1 \% |
| The Ritz-Carlton | \$ | 252.40 | 3.6 \% | 71.9 \% | 1.0 \% pts. | \$ | 350.99 | 2.2 \% |
| W Hotels | \$ | 239.94 | (2.2)\% | 81.7\% | 0.2 \% pts. | \$ | 293.82 | (2.5)\% |
| Composite North American Luxury ${ }^{(1)}$ | \$ | 242.10 | 2.8 \% | 76.3\% | 1.4 \% pts. | \$ | 317.13 | 0.9 \% |
| Marriott Hotels | \$ | 144.94 | 2.4 \% | 75.4 \% | 0.7 \% pts. | \$ | 192.23 | 1.4 \% |
| Sheraton | \$ | 149.49 | 2.1 \% | 76.5 \% | (0.5)\% pts. | \$ | 195.40 | 2.7 \% |
| Westin | \$ | 167.21 | 0.9 \% | 77.4 \% | (0.6)\% pts. | \$ | 216.07 | 1.7 \% |
| Composite North American Upper Upscale ${ }^{(2)}$ | \$ | 149.92 | 2.3 \% | 76.1\% | 0.3 \% pts. | \$ | 196.98 | 1.8 \% |
| Composite North American Full-Service ${ }^{(3)}$ | \$ | 166.97 | 2.4 \% | 76.2\% | $0.5 \%$ pts. | \$ | 219.25 | 1.7 \% |
| Courtyard | \$ | 103.65 | 2.2 \% | 73.1 \% | 0.3 \% pts. | \$ | 141.83 | 1.7 \% |
| Residence Inn | \$ | 118.14 | 3.8 \% | 79.0 \% | 0.6 \% pts. | \$ | 149.56 | 3.0 \% |
| Composite North American Limited-Service ${ }^{(4)}$ | \$ | 106.20 | 2.8 \% | 75.0\% | 0.5 \% pts. | \$ | 141.68 | 2.1 \% |
| Composite North American - All | \$ | 147.48 | $2.5 \%$ | 75.8\% | 0.5 \% pts. | \$ | 194.64 | 1.8 \% |

Comparable Systemwide North American Properties

|  | RevPAR |  |  | Occupancy |  | Average Daily Rate |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2016 |  | $\begin{gathered} \text { Change vs. } \\ 2015 \end{gathered}$ | 2016 | Change vs. 2015 |  | 2016 | $\begin{gathered} \text { Change vs. } \\ 2015 \end{gathered}$ |
| JW Marriott | \$ | 178.91 | 3.5 \% | 76.0 \% | 1.3 \% pts. | \$ | 235.47 | 1.8 \% |
| The Ritz-Carlton | \$ | 252.40 | 3.6 \% | 71.9 \% | 1.0 \% pts. | \$ | 350.99 | 2.2 \% |
| W Hotels | \$ | 239.94 | (2.2)\% | 81.7\% | 0.2 \% pts. | \$ | 293.82 | (2.5)\% |
| Composite North American Luxury ${ }^{(1)}$ | \$ | 231.99 | 2.8 \% | 76.0\% | 1.2 \% pts. | \$ | 305.36 | 1.2 \% |
| Marriott Hotels | \$ | 124.39 | 2.0 \% | 72.4 \% | 0.3 \% pts. | \$ | 171.92 | 1.5 \% |
| Sheraton | \$ | 115.58 | 2.4 \% | 73.3 \% | 0.3 \% pts. | \$ | 157.73 | 2.0 \% |
| Westin | \$ | 152.94 | 2.4 \% | 76.9 \% | 0.1 \% pts. | \$ | 198.98 | 2.3 \% |
| Composite North American Upper Upscale ${ }^{(2)}$ | \$ | 130.44 | 2.5 \% | 73.9\% | 0.4 \% pts. | \$ | 176.52 | 1.9 \% |
| Composite North American Full-Service ${ }^{(3)}$ | \$ | 141.11 | $2.6 \%$ | 74.1\% | 0.5 \% pts. | \$ | 190.41 | 1.9 \% |
| Courtyard | \$ | 101.49 | 1.9 \% | 72.9 \% | - \% pts. | \$ | 139.24 | 1.9 \% |
| Residence Inn | \$ | 112.78 | 2.4 \% | 79.0 \% | (0.1)\% pts. | \$ | 142.78 | 2.6 \% |
| Fairfield Inn \& Suites | \$ | 77.96 | 1.2 \% | 70.1 \% | (0.5)\% pts. | \$ | 111.20 | 1.9 \% |
| Composite North American Limited-Service ${ }^{(4)}$ | \$ | 96.62 | 2.0 \% | 74.2\% | -\% pts. | \$ | 130.15 | 2.0 \% |
| Composite North American - All | \$ | 116.47 | 2.3 \% | 74.2\% | 0.2 \% pts. | \$ | 157.00 | 2.0 \% |

${ }^{(1)}$ Includes JW Marriott, The Ritz-Carlton, W Hotels, The Luxury Collection, St. Regis, and EDITION.
${ }^{(2)}$ Includes Marriott Hotels, Sheraton, Westin, Renaissance Hotels, Autograph Collection Hotels, Gaylord Hotels, Le Méridien, and Tribute Portfolio.
(3) Includes Composite North American Luxury and Composite North American Upper Upscale.
${ }^{(4)}$ Includes Courtyard, Residence Inn, Fairfield Inn \& Suites, SpringHill Suites, and TownePlace Suites. Systemwide also includes Four Points, Aloft Hotels, and Element Hotels.

|  | RevPAR |  |  | Occupancy |  | Average Daily Rate |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2016 |  | Change vs. $2015$ | 2016 | Change vs. 2015 |  | 016 | Change vs. $2015$ |
| Greater China | \$ | 89.17 | 0.4 \% | 67.5 \% | 3.7 \% pts. | \$ | 132.16 | (5.1)\% |
| Rest of Asia Pacific | \$ | 112.69 | 3.7 \% | 75.2 \% | 3.0 \% pts. | \$ | 149.80 | (0.5 )\% |
| Asia Pacific | \$ | 97.08 | 1.6 \% | 70.1\% | 3.4 \% pts. | \$ | 138.52 | (3.4)\% |
| Caribbean \& Latin America | \$ | 139.69 | 0.4 \% | 65.3 \% | (0.9)\% pts. | \$ | 213.99 | 1.8 \% |
| Europe | \$ | 124.87 | 0.8 \% | 71.8 \% | (0.5)\% pts. | \$ | 173.84 | 1.5 \% |
| Middle East \& Africa | \$ | 106.49 | (3.8)\% | 64.6\% | 0.6 \% pts. | \$ | 164.90 | (4.8)\% |
| Total International ${ }^{(1)}$ | \$ | 109.05 | 0.3 \% | 69.2\% | 1.6 \% pts. | \$ | 157.69 | (2.1)\% |
| Worldwide ${ }^{(2)}$ | \$ | 128.37 | 1.6 \% | 72.5\% | 1.1 \% pts. | \$ | 177.11 | 0.1 \% |

Comparable Systemwide International Properties

${ }^{(1)}$ Includes JW Marriott, The Ritz-Carlton, W Hotels, The Luxury Collection, St. Regis, EDITION, Bulgari Hotels \& Resorts, Marriott Hotels, Sheraton, Westin, Renaissance Hotels, Autograph Collection Hotels, Protea Hotels, Le Méridien, Courtyard, Residence Inn, Fairfield Inn \& Suites, Four Points, Aloft Hotels, and AC Hotels by Marriott. Systemwide also includes Element Hotels and Moxy Hotels.
${ }^{(2)}$ Includes JW Marriott, The Ritz-Carlton, W Hotels, The Luxury Collection, St. Regis, EDITION, Bulgari Hotels \& Resorts, Marriott Hotels, Sheraton, Westin, Renaissance Hotels, Autograph Collection Hotels, Protea Hotels, Gaylord Hotels, Le Méridien, Tribute Portfolio, Courtyard, Residence Inn, Fairfield Inn \& Suites, SpringHill Suites, TownePlace Suites, Four Points, Aloft Hotels, and AC Hotels by Marriott. Systemwide also includes Element Hotels and Moxy Hotels.

2015 Compared to 2014. The following tables present RevPAR, occupancy, and ADR for comparable properties under our Legacy-Marriott brands in North America and in our International regions. Systemwide statistics include data from our franchised properties, in addition to our company-operated properties.

| Legacy-Marriott | RevPAR |  |  | Occupancy |  | Average Daily Rate |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | $\begin{gathered} \hline \text { Change vs. } \\ 2014 \\ \hline \end{gathered}$ | 2015 | $\begin{gathered} \text { Change vs. } \\ 2014 \end{gathered}$ |  | 15 | $\begin{gathered} \text { Change vs. } \end{gathered}$ |
| Marriott Hotels | \$ | 147.33 | $4.7 \%$ | 75.4 \% | $0.6 \%$ pts. | \$ | 195.28 | $3.8 \%$ |
| Renaissance Hotels | \$ | 136.91 | $5.5 \%$ | 75.2 \% | 0.8 \% pts. | \$ | 182.13 | $4.4 \%$ |
| The Ritz-Carlton | \$ | 259.41 | 2.7 \% | 72.1 \% | (0.1)\% pts. | \$ | 359.92 | 2.9 \% |
| Composite North American Full-Service ${ }^{(1)}$ | \$ | 157.10 | 4.3\% | 74.9\% | $\mathbf{0 . 6}$ \% pts. | \$ | 209.72 | 3.5\% |
| Courtyard | \$ | 101.18 | 6.3 \% | 72.8 \% | 0.7 \% pts. | \$ | 139.08 | 5.2 \% |
| SpringHill Suites | \$ | 95.21 | 7.5 \% | 76.0 \% | 1.6 \% pts. | \$ | 125.24 | $5.1 \%$ |
| Residence Inn | \$ | 112.33 | $6.5 \%$ | 78.5 \% | 0.4 \% pts. | \$ | 143.14 | $6.0 \%$ |
| TownePlace Suites | \$ | 74.83 | 8.3 \% | 72.7 \% | $0.1 \%$ pts. | \$ | 102.99 | 8.2 \% |
| Composite North American Limited-Service ${ }^{(2)}$ | \$ | 102.76 | 6.5\% | 74.5\% | 0.7 \% pts. | \$ | 137.92 | 5.5\% |
| Composite North American - All | \$ | 134.18 | 5.0\% | 74.7\% | 0.6 \% pts. | \$ | 179.53 | 4.2\% |

Comparable Systemwide North American Properties

| Legacy-Marriott | RevPAR |  |  | Occupancy |  | Average Daily Rate |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | $\begin{gathered} \text { Change vs. } \\ 2014 \end{gathered}$ | 2015 | $\begin{gathered} \text { Change vs. } \\ 2014 \end{gathered}$ | 2015 |  | $\begin{gathered} \text { Change vs. } \\ 2014 \end{gathered}$ |
| Marriott Hotels | \$ | 127.52 | 5.0 \% | 72.6 \% | 0.6 \% pts. | \$ | 175.53 | 4.2 \% |
| Renaissance Hotels | \$ | 121.20 | 5.4 \% | 73.9 \% | 0.8 \% pts. | \$ | 164.02 | 4.3 \% |
| Autograph Collection Hotels | \$ | 178.16 | 3.5 \% | 77.5 \% | 1.1 \% pts. | \$ | 229.90 | $1.9 \%$ |
| The Ritz-Carlton | \$ | 259.41 | 2.7 \% | 72.1 \% | (0.1)\% pts. | \$ | 359.92 | $2.9 \%$ |
| Composite North American Full-Service ${ }^{(1)}$ | \$ | 136.95 | 4.6\% | 73.1\% | 0.6 \% pts. | \$ | 187.40 | 3.8\% |
| Courtyard | \$ | 99.88 | 6.1 \% | 73.1 \% | 0.8 \% pts. | \$ | 136.58 | $5.0 \%$ |
| Fairfield Inn \& Suites | \$ | 76.70 | 4.7 \% | 70.6 \% | 0.3 \% pts. | \$ | 108.71 | 4.2 \% |
| SpringHill Suites | \$ | 88.80 | $5.2 \%$ | 74.8 \% | 0.3 \% pts. | \$ | 118.64 | 4.8 \% |
| Residence Inn | \$ | 110.75 | $5.5 \%$ | 79.4 \% | 0.1 \% pts. | \$ | 139.51 | $5.3 \%$ |
| TownePlace Suites | \$ | 76.15 | $5.0 \%$ | 74.8 \% | 0.3 \% pts. | \$ | 101.83 | $4.6 \%$ |
| Composite North American Limited-Service ${ }^{(2)}$ | \$ | 94.99 | 5.6\% | 74.4\% | 0.5 \% pts. | \$ | 127.65 | 4.9\% |
| Composite North American - All | \$ | 109.83 | 5.2\% | 73.9\% | 0.5 \% pts. | \$ | 148.53 | 4.5\% |

[^1]|  | RevPAR |  |  | Occupancy |  | Average Daily Rate |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Legacy-Marriott | 2015 |  | Change vs. | 2015 | $\begin{array}{cc} \text { Change vs. } \\ 2014 \end{array}$ | 2015 |  | $\begin{gathered} \text { Change vs. } \\ 2014 \end{gathered}$ |
| Caribbean \& Latin America | \$ | 179.58 | $5.2 \%$ | 72.4 \% | $0.2 \%$ pts. | \$ | 248.05 | 4.9 \% |
| Europe | \$ | 131.43 | 6.5 \% | 75.9 \% | $1.7 \%$ pts. | \$ | 173.07 | 4.1 \% |
| Middle East \& Africa | \$ | 110.85 | 0.9 \% | 61.2 \% | $2.7 \%$ pts. | \$ | 181.16 | (3.5)\% |
| Asia Pacific | \$ | 114.00 | 4.7 \% | 74.1 \% | $3.4 \%$ pts. | \$ | 153.83 | - \% |
|  |  |  |  |  |  |  |  |  |
| Total International ${ }^{(1)}$ | \$ | 128.50 | 5.0\% | 72.9\% | 2.3\% pts. | \$ | 176.24 | 1.7 \% |
|  |  |  |  |  |  |  |  |  |
| Worldwide ${ }^{(2)}$ | \$ | 132.30 | 5.0\% | 74.1\% | 1.2\% pts. | \$ | 178.46 | 3.4 \% |

Comparable Systemwide International Properties

| Legacy-Marriott | RevPAR |  |  | Occupancy |  | Average Daily Rate |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2015 |  | $\begin{gathered} \text { Change vs. } \\ 2014 \end{gathered}$ | 2015 | Change vs. 2014 | 2015 |  | $\begin{gathered} \text { Change vs. } \\ 2014 \end{gathered}$ |
| Caribbean \& Latin America | \$ | 148.86 | 4.1 \% | 70.7 \% | $0.6 \%$ pts. | \$ | 210.46 | 3.3 \% |
| Europe | \$ | 124.59 | 6.2 \% | 74.3 \% | $1.5 \%$ pts. | \$ | 167.63 | 4.0 \% |
| Middle East \& Africa | \$ | 109.80 | 1.6 \% | 61.6\% | $2.8 \%$ pts. | \$ | 178.37 | (3.0)\% |
| Asia Pacific | \$ | 115.77 | $5.5 \%$ | 74.6 \% | $3.2 \%$ pts. | \$ | 155.24 | 0.9 \% |
|  |  |  |  |  |  |  |  |  |
| Total International ${ }^{(1)}$ | \$ | 124.13 | 5.1\% | 72.5\% | 2.1\% pts. | \$ | 171.20 | 2.1 \% |
|  |  |  |  |  |  |  |  |  |
| Worldwide ${ }^{(2)}$ | \$ | 112.25 | 5.2\% | 73.7\% | 0.8\% pts. | \$ | 152.30 | 4.1 \% |

${ }^{(1)}$ Includes The Ritz-Carlton, EDITION, Bulgari Hotels \& Resorts, Marriott Hotels, Renaissance Hotels, Autograph Collection Hotels, Courtyard, Residence Inn, and Fairfield Inn \& Suites.
${ }^{(2)}$ Includes The Ritz-Carlton, EDITION, Bulgari Hotels \& Resorts, Marriott Hotels, Renaissance Hotels, Autograph Collection Hotels, Gaylord Hotels, Courtyard, Residence Inn, Fairfield Inn \& Suites, SpringHill Suites, and TownePlace Suites.

## CONSOLIDATED RESULTS

The following discussion presents an analysis of our consolidated revenues, operating income, and non-operating income for 2016, 2015, and 2014. In accordance with GAAP, we include the business that we acquired in the Starwood Combination starting from the Merger Date through year-end 2016.

## Revenues

2016 Compared to 2015. The table below presents the impact of the Starwood Combination starting from the Merger Date, with additional information on the factors attributable to our Legacy-Marriott brands discussed following the table.

| (\$ in millions) | 2016 |  | 2015 |  | $\begin{gathered} \text { Change } 2016 \\ \text { vs. } 2015 \end{gathered}$ |  | Change due to Starwood |  | Change Excluding Starwood Impact |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Base management fees | \$ | 806 | \$ | 698 | \$ | 108 | \$ | 103 | \$ | 5 | 1\% |
| Franchise fees |  | 988 |  | 853 |  | 135 |  | 87 |  | 48 | 6\% |
| Incentive management fees |  | 425 |  | 319 |  | 106 |  | 72 |  | 34 | 11\% |
|  |  | 2,219 |  | 1,870 |  | 349 |  | 262 |  | 87 |  |
| Owned, leased, and other revenue |  | 1,307 |  | 986 |  | 321 |  | 296 |  | 25 | 3\% |
| Cost reimbursements |  | 13,546 |  | 11,630 |  | 1,916 |  | 1,348 |  | 568 | 5\% |
|  | \$ | 17,072 | \$ | 14,486 | \$ | 2,586 | \$ | 1,906 | \$ | 680 |  |

The $\$ 5$ million increase in base management fees for Legacy-Marriott operations primarily reflected the impact of stronger sales at existing properties ( $\$ 22$ million) and unit growth across our system ( $\$ 15$ million), partially offset by the impact of unfavorable foreign exchange rates ( $\$ 15$ million), lower deferred fee recognition ( $\$ 11$ million), and lower fees from properties that converted from managed to franchised ( $\$ 8$ million).

The $\$ 48$ million increase in franchise fees for Legacy-Marriott operations reflected the impact of unit growth across our system ( $\$ 48$ million), stronger sales at existing properties ( $\$ 16$ million), and higher fees from properties that converted from managed to franchised ( $\$ 11$ million), partially offset by lower relicensing fees ( $\$ 22$ million) and the impact of unfavorable foreign exchange rates ( $\$ 7$ million).

The $\$ 34$ million increase in incentive management fees for Legacy-Marriott operations reflected higher net house profit and unit growth, higher incentive fees earned from a few limited-service portfolios ( $\$ 10$ million), and higher deferred fee recognition ( $\$ 8$ million), partially offset by the impact of unfavorable foreign exchange rates ( $\$ 7$ million).

In 2016, 69 percent of our Legacy-Marriott managed properties paid incentive management fees to us versus 68 percent in 2015. In North America, 65 percent of Legacy-Marriott managed properties paid incentive fees in 2016 compared to 63 percent in 2015. Outside North America, 74 percent of Legacy-Marriott managed properties paid incentive fees in both 2016 and 2015, representing 48 percent of our total incentive management fees in 2016 from Legacy-Marriott managed properties compared to 51 percent of our total fees in 2015.

The $\$ 25$ million increase in owned, leased, and other revenue for Legacy-Marriott operations reflected $\$ 38$ million of higher other revenue predominantly from branding fees, partially offset by $\$ 13$ million of lower owned and leased revenue. The decrease in owned and leased revenue primarily reflected lower revenues from properties that converted to managed ( $\$ 60$ million) and the impact of unfavorable foreign exchange rates ( $\$ 15$ million), partially offset by improved sales from several properties following renovations ( $\$ 29$ million), stronger sales at other existing properties across our segments ( $\$ 28$ million), and favorable results at two new owned properties ( $\$ 9$ million).

Cost reimbursements revenue represents reimbursements of costs incurred on behalf of managed and franchised properties and relates, predominantly, to payroll costs at managed properties where we are the employer but also includes reimbursements for other costs, such as those associated with our Loyalty Programs, reservations, and marketing programs. As we record cost reimbursements based upon costs incurred with no added markup, this revenue and related expense has no impact on either our operating or net income. The $\$ 568$ million increase in cost reimbursements revenue for Legacy-Marriott operations reflected the impact of higher property occupancies, unit growth across our system, and growth in the Marriott Rewards program membership and activity.

2015 Compared to 2014. The following discussion presents our analysis of our revenues for 2015 compared to 2014.

| (\$ in millions) | 2015 |  | 2014 |  | $\text { Change } 2015 \text { vs. }$$2014$ |  | Percentage change 2015 vs. 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Base management fees | \$ | 698 | \$ | 672 | \$ | 26 | 4 \% |
| Franchise fees |  | 853 |  | 745 |  | 108 | 14 \% |
| Incentive management fees |  | 319 |  | 302 |  | 17 | 6 \% |
|  |  | 1,870 |  | 1,719 |  | 151 |  |
| Owned, leased, and other revenue |  | 986 |  | 1,022 |  | (36) | (4)\% |
| Cost reimbursements |  | 11,630 |  | 11,055 |  | 575 | 5 \% |
|  | \$ | 14,486 | \$ | 13,796 | \$ | 690 |  |

The $\$ 26$ million increase in base management fees reflected stronger RevPAR ( $\$ 29$ million) and the impact of unit growth across our system ( $\$ 25$ million), partially offset by the impact of unfavorable foreign exchange rates ( $\$ 11$ million), lower fees due to properties that converted from managed to franchised ( $\$ 7$ million), and decreased recognition of previously deferred fees (\$8 million).

The $\$ 108$ million increase in total franchise fees reflected the impact of unit growth across our system ( $\$ 55$ million), stronger RevPAR due to increased demand ( $\$ 31$ million), increased relicensing and application fees ( $\$ 22$ million), and higher fees from properties that converted to franchised from managed ( $\$ 7$ million), partially offset by the impact of unfavorable foreign exchange rates ( $\$ 7$ million).

The $\$ 17$ million increase in incentive management fees reflected higher RevPAR and house profit margins primarily at company-managed North American properties, particularly at a few large portfolios of managed hotels whose improved net house profits allowed them to reach their owners priority threshold and begin to record incentive fees. Higher incentive fees also reflected the addition of hotels included in the Delta Hotels acquisition, partially offset by $\$ 15$ million in unfavorable foreign exchange rates and $\$ 7$ million of lower incentive fees from properties under renovation.

In 2015, 68 percent of our managed properties paid incentive management fees to us versus 50 percent in 2014. Managed properties that paid incentive management fees in 2015 represented 63 percent of properties in North America and 74 percent outside of North America, compared to 36 percent in North America and 73 percent outside of North America in 2014. The
percentage of North American properties that paid incentive management fees to us increased compared to 2014 primarily due to a few large North American Limited-Service portfolios of properties that paid incentive management fees in 2015 but did not do so in 2014. In addition, in 2015, 51 percent of our incentive fees came from properties outside of North America versus 56 percent in 2014.

The $\$ 36$ million decrease in owned, leased, and other revenue reflected $\$ 44$ million of lower owned and leased revenue, partially offset by $\$ 8$ million in higher other revenue predominantly from branding fees and hotel service programs that we acquired as part of our acquisition of Protea Hotels in the 2014 second quarter. Lower owned and leased revenue reflected net weaker performance impacted by unfavorable foreign exchange rates, a decrease of $\$ 27$ million attributable to properties that converted to managed or franchised or left our system, and $\$ 16$ million net unfavorable impact of properties under renovation, partially offset by increases of $\$ 10$ million from Protea Hotel leases we acquired in the 2014 second quarter and $\$ 6$ million from The Miami Beach EDITION hotel, which opened in the 2014 fourth quarter and which we subsequently sold in the 2015 first quarter as discussed in Footnote 3 "Acquisitions and Dispositions."

The $\$ 575$ million increase in total cost reimbursements revenue reflected the impact of higher occupancies and growth across our system. In 2015, our managed rooms increased by 12,668 rooms and our franchised rooms increased by 31,883 rooms, net of rooms at hotels exiting our system.

## Operating Income

2016 Compared to 2015. Operating income increased by $\$ 18$ million to $\$ 1,368$ million in 2016 from $\$ 1,350$ million in 2015. The increase in operating income reflected a $\$ 349$ million increase in fee revenue, which we discuss in the preceding "Revenues" section, a $\$ 386$ million increase in merger-related costs and charges which we discuss in Footnote 4 "MergerRelated Costs and Charges," as well as the following changes. The table below presents the impact of the Starwood Combination starting from the Merger Date, with additional information on the factors attributable to our Legacy-Marriott brands discussed following the table.

| (\$ in millions) | 2016 |  | 2015 |  | $\begin{aligned} & \text { Change } 2016 \\ & \text { vs. } 2015 \end{aligned}$ |  | Change due to Starwood |  | Change Excluding Starwood Impact |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Owned, leased, and other revenue | \$ | 1,307 | \$ | 986 | \$ | 321 | \$ | 296 | \$ | 25 | $3 \%$ |
| Owned, leased, and other - direct expense |  | 900 |  | 733 |  | 167 |  | 207 |  | (40) | (5)\% |
|  |  | 407 |  | 253 |  | 154 |  | 89 |  | 65 | 26 \% |
| Depreciation, amortization, and other |  | 168 |  | 139 |  | 29 |  | 43 |  | (14) | (10)\% |
| General, administrative, and other |  | 704 |  | 634 |  | 70 |  | 79 |  | (9) | (1)\% |

Owned, leased, and other revenue, net of direct expenses for Legacy-Marriott operations increased by $\$ 65$ million. The increase was largely attributable to $\$ 39$ million in higher branding fees and $\$ 25$ million of higher owned and leased revenue, net of direct expenses. The $\$ 25$ million of higher owned and leased revenue, net of direct expenses primarily reflected $\$ 17$ million of net stronger performance at several properties following renovations, $\$ 15$ million overall favorable results across our segments, and $\$ 4$ million of lower pre-opening costs, partially offset by $\$ 10$ million of lower profits from properties that converted from owned to managed.

Depreciation, amortization, and other expense for Legacy-Marriott operations decreased by $\$ 14$ million. The decrease primarily reflected a favorable variance to the 2015 impairment charges on the EDITION hotels ( $\$ 12$ million) and corporate equipment ( $\$ 4$ million).

General, administrative, and other expenses for Legacy-Marriott operations decreased by $\$ 9$ million. The decrease primarily reflected $\$ 15$ million in lower reserves for guarantee funding, and $\$ 9$ million in lower foreign exchange losses, partially offset by $\$ 15$ million of higher administrative costs to grow our brands globally, $\$ 4$ million of higher bad debt reserves, and $\$ 3$ million net unfavorable impact to our legal expenses associated with 2015 litigation resolutions.

2015 Compared to 2014. Operating income increased by $\$ 191$ million to $\$ 1,350$ million in 2015 from $\$ 1,159$ million in 2014. The increase in operating income reflected a $\$ 151$ million increase in fee revenue, which we discuss in the preceding "Revenues" section, as well as the following changes.

| (\$ in millions) | 2015 |  | 2014 |  | Change 2015 vs. 2014 |  | Percentage change 2015 vs. 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Owned, leased, and other revenue | \$ | 986 | \$ | 1,022 | \$ | (36) | (4)\% |
| Owned, leased, and other - direct expense |  | 733 |  | 775 |  | (42) | (5)\% |
|  |  | 253 |  | 247 |  | 6 | 2 \% |
| Depreciation, amortization, and other |  | 139 |  | 148 |  | (9) | (6)\% |
| General, administrative, and other |  | 634 |  | 659 |  | (25) | (4)\% |

The $\$ 6$ million increase in owned, leased, and other revenue, net of direct expenses was largely attributable to $\$ 4$ million in higher branding fees. Owned and leased revenue, net of direct expenses was unchanged as stronger results at several of our International properties, including $\$ 4$ million of lower lease payments for properties that moved to managed, franchised, or left our system, were offset by $\$ 10$ million of weaker performance due to renovations.

The $\$ 9$ million decrease in depreciation, amortization, and other expense reflected a $\$ 25$ million favorable variance to the 2014 impairment charge on the EDITION hotels, partially offset by the 2015 impairment charges of $\$ 6$ million for The Miami Beach EDITION residences and $\$ 6$ million for The New York (Madison Square Park) EDITION and a $\$ 4$ million impairment charge on corporate equipment.

The $\$ 25$ million decrease in general, administrative, and other expenses largely reflected a $\$ 28$ million net favorable impact to our legal expenses associated with litigation resolutions, $\$ 24$ million of development costs that we deferred in 2015 related to our growing franchise pipeline, and $\$ 5$ million in lower foreign exchange losses compared to the 2014 devaluation of assets denominated in Venezuelan Bolivars, partially offset by $\$ 20$ million of higher costs incurred to grow our brands globally, $\$ 5$ million of transaction costs related to the Starwood Combination, and $\$ 5$ million from the Delta Hotels acquisition.

## Non-Operating Income (Expense) and Income Taxes

2016 Compared to 2015. The table below presents the impact of the Starwood Combination starting from the Merger Date, with additional information on the factors attributable to our Legacy-Marriott brands discussed following the table.

| (\$ in millions) | 2016 |  | 2015 |  | $\underset{2015}{\text { Change } 2016 \text { vs. }}$ |  | Change due to Starwood |  | Change Excluding Starwood Impact |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gains and other income, net | \$ | 5 | \$ | 27 | \$ | (22) | \$ | 1 | \$ | (23) | (85)\% |
| Interest expense |  | (234) |  | (167) |  | 67 |  | 15 |  | 52 | 31 \% |
| Interest income |  | 35 |  | 29 |  | 6 |  | 2 |  | 4 | 14 \% |
| Equity in earnings |  | 10 |  | 16 |  | (6) |  | 5 |  | (11) | (69)\% |
| Provision for income taxes |  | (404) |  | (396) |  | 8 |  | 4 |  | 4 | 1 \% |

Gains and other income, net for Legacy-Marriott operations decreased by $\$ 23$ million primarily due to the net gain that we recorded in the prior year, which consisted of a $\$ 41$ million gain on the redemption of a preferred equity ownership interest, partially offset by an $\$ 11$ million disposal loss for an International property and a $\$ 4$ million disposal loss for a North American Limited-Service segment plot of land.

Interest expense for Legacy-Marriott operations, including interest expense on debt incurred for the Starwood Combination, increased by $\$ 52$ million. The increase was primarily due to a net increase in Senior Notes interest expense (\$18 million) from the issuances of Series Q through W Notes in 2016 and Series O and P Notes in 2015, partially offset by the maturities of Series H Notes in 2016 and Series G Notes in 2015. The remaining increase is primarily due to the amortization of costs for a bridge term loan facility commitment that we obtained in the 2016 first quarter ( $\$ 13$ million), net lower capitalized interest primarily as a result of the completion of The New York (Madison Square Park) EDITION in 2015 (\$9 million), and higher interest rates on commercial paper borrowings ( $\$ 7$ million).

Interest income for Legacy-Marriott operations increased by $\$ 4$ million primarily due to higher interest income on a loan that we provided to an owner in conjunction with entering into a franchise agreement for a North American Limited-Service property in the 2015 fourth quarter ( $\$ 8$ million), partially offset by lower interest income on two repaid loans ( $\$ 6$ million).

Equity in earnings for Legacy-Marriott operations decreased by $\$ 11$ million primarily reflecting a net unfavorable variance to three adjustments recorded in 2015, which consisted of a reversal of a litigation reserve (\$11 million) and a
reduction of an International investee's liabilities ( $\$ 5$ million), partially offset by an impairment charge on an International joint venture ( $\$ 6$ million).

Provision for income taxes for Legacy-Marriott operations increased by $\$ 4$ million primarily due to tax rate changes in several jurisdictions ( $\$ 12$ million), higher earnings from foreign operations ( $\$ 6$ million), and an unfavorable comparison to 2015 U.S. and foreign true-ups ( $\$ 5$ million), partially offset by lower U.S. earnings due to merger-related expenses ( $\$ 11$ million) and the release of a valuation allowance ( $\$ 8$ million).

2015 Compared to 2014. The following discussion presents our analysis of our revenues for 2015 compared to 2014.

| (\$ in millions) | 2015 |  | 2014 |  | Change 2015 vs. 2014 |  | Percentage change 2015 vs. 2014 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gains and other income, net | \$ | 27 | \$ | 8 | \$ | 19 | 238 \% |
| Interest expense |  | (167) |  | (115) |  | 52 | 45 \% |
| Interest income |  | 29 |  | 30 |  | (1) | (3)\% |
| Equity in earnings |  | 16 |  | 6 |  | 10 | 167 \% |
| Provision for income taxes |  | (396) |  | (335) |  | 61 | 18 \% |

Gains and other income, net increased by $\$ 19$ million. The increase primarily reflects the $\$ 41$ million gain on the redemption of our preferred equity ownership interest. The increase was partially offset by an $\$ 11$ million disposal loss for an International property and a $\$ 4$ million expected disposal loss for a North American Limited-Service segment plot of land.

Interest expense increased by $\$ 52$ million. The increase was due to net lower capitalized interest expense as a result of the completion of The Miami Beach EDITION in the 2014 fourth quarter and The New York (Madison Square Park) EDITION in the 2015 second quarter ( $\$ 25$ million), interest on the Series O Notes and Series P Notes that we issued in the 2015 third quarter and the Series N Notes that we issued in the 2014 fourth quarter ( $\$ 17$ million), and an unfavorable variance to the 2014 debt premium accretion true-up ( $\$ 7$ million).

Interest income decreased by $\$ 1$ million. This decrease was primarily due to lower interest income on the preferred equity ownership interest that was redeemed in the 2015 second quarter ( $\$ 5$ million), partially offset by higher interest income on the $\$ 85$ million mezzanine loan (net of a $\$ 15$ million discount) we provided to an owner in conjunction with entering into a franchise agreement for an International property in the 2014 second quarter ( $\$ 5$ million).

Equity in earnings increased by $\$ 10$ million. The increase reflects a $\$ 22$ million year-over-year impact from the reversal in 2015 of an $\$ 11$ million litigation reserve that was recorded in 2014 and associated with an equity investment and a $\$ 5$ million benefit recorded in 2015 following an adjustment to an International investee's liabilities. The increase was partially offset by a $\$ 6$ million impairment charge relating to an International joint venture and an unfavorable variance to a $\$ 9$ million benefit recorded in 2014 for two of our International investments following the reversal of their liabilities associated with a tax law change in a country in which they operate.

Our provision for income taxes increased by $\$ 61$ million. The increase was primarily due to higher pre-tax earnings and unfavorable comparisons to the 2014 resolution of a U.S. federal tax issue relating to a guest marketing program, the 2014 release of an international valuation allowance, and the 2014 resolution of an international financing activity tax issue. The increase was partially offset by a favorable IRS settlement relating to share-based compensation ( $\$ 12$ million), a tax benefit from an International property disposition ( $\$ 7$ million), and a favorable comparison to the 2014 tax on unrealized foreign exchange gains that were taxed within a foreign jurisdiction ( $\$ 5$ million).

## BUSINESS SEGMENTS

We are a diversified global lodging company with operations in three reportable business segments: North American Full-Service, North American Limited-Service, and International. See Footnote 18 "Business Segments" to our Financial Statements for other information about each segment, including revenues and a reconciliation of segment profits to net income.

## Properties and Rooms by Segment

At year-end 2016, we operated, franchised, and licensed the following properties by segment and brand:

|  | Managed |  | Franchised / Licensed |  | Owned/Leased |  | $\text { Other }{ }^{(1)}$ |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Properties | Rooms | Properties | Rooms | Properties | Rooms | Properties | Rooms | Properties | Rooms |
| North American Full-Service |  |  |  |  |  |  |  |  |  |  |
| JW Marriott | 15 | 9,695 | 10 | 4,469 | - | - | - | - | 25 | 14,164 |
| The Ritz-Carlton | 39 | 11,410 | 1 | 429 | - | - | - | - | 40 | 11,839 |
| The Ritz-Carlton Residences | 34 | 4,733 | 1 | 55 | - | - | - | - | 35 | 4,788 |
| W Hotels | 25 | 7,729 | - | - | 1 | 509 | - | - | 26 | 8,238 |
| The Luxury Collection | 5 | 2,294 | 9 | 1,863 | - | - | - | - | 14 | 4,157 |
| St. Regis | 9 | 1,725 | - | - | 1 | 238 | - | - | 10 | 1,963 |
| EDITION | 2 | 567 | - | - | - | - | - | - | 2 | 567 |
| EDITION Residences | 1 | 25 | - | - | - | - | - | - | 1 | 25 |
| Marriott Hotels | 131 | 68,440 | 210 | 65,271 | 4 | 2,102 | - | - | 345 | 135,813 |
| Sheraton | 31 | 23,654 | 162 | 48,025 | 3 | 2,671 | - | - | 196 | 74,350 |
| Westin | 48 | 25,173 | 75 | 24,700 | 2 | 1,832 | - | - | 125 | 51,705 |
| Renaissance Hotels | 26 | 11,625 | 57 | 16,103 | 1 | 310 | - | - | 84 | 28,038 |
| Le Méridien | 4 | 720 | 16 | 3,753 | - | - | - | - | 20 | 4,473 |
| Autograph Collection Hotels | 3 | 1,065 | 61 | 13,234 | - | - | - | - | 64 | 14,299 |
| Delta Hotels | 25 | 6,764 | 12 | 3,020 | - | - | - | - | 37 | 9,784 |
| Gaylord Hotels | 5 | 8,098 | - | - | - | - | - | - | 5 | 8,098 |
| Tribute Portfolio | - | - | 12 | 4,541 | 1 | 135 | - | - | 13 | 4,676 |
| Total North American Full-Service | 403 | 183,717 | 626 | 185,463 | 13 | 7,797 | - | - | 1,042 | 376,977 |
|  |  |  |  |  |  |  |  |  |  |  |
| North American Limited-Service |  |  |  |  |  |  |  |  |  |  |
| Courtyard | 256 | 40,821 | 686 | 91,559 | 19 | 2,816 | - | - | 961 | 135,196 |
| Residence Inn | 114 | 17,155 | 611 | 71,718 | 1 | 192 | - | - | 726 | 89,065 |
| Fairfield Inn \& Suites | 6 | 1,432 | 822 | 75,000 | - | - | - | - | 828 | 76,432 |
| SpringHill Suites | 30 | 4,854 | 329 | 37,672 | - | - | - | - | 359 | 42,526 |
| Four Points | 1 | 134 | 131 | 19,996 | - | - | - | - | 132 | 20,130 |
| TownePlace Suites | 15 | 1,740 | 286 | 28,512 | - | - | - | - | 301 | 30,252 |
| Aloft Hotels | 1 | 330 | 80 | 11,766 | - | - | - | - | 81 | 12,096 |
| AC Hotels by Marriott | - | - | - | - | - | - | 11 | 1,913 | 11 | 1,913 |
| Element Hotels | 1 | 180 | 19 | 2,813 | - | - | - | - | 20 | 2,993 |
| Moxy Hotels | - | - | 2 | 294 | - | 二 | - | - | 2 | 294 |
| Total North American Limited-Service | 424 | 66,646 | 2,966 | 339,330 | 20 | 3,008 | 11 | 1,913 | 3,421 | 410,897 |


|  | Managed |  | Franchised / Licensed |  | Owned/Leased |  | Other ${ }^{(1)}$ |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Properties | Rooms | Properties | Rooms | Properties | Rooms | Properties | Rooms | Properties | Rooms |
| International |  |  |  |  |  |  |  |  |  |  |
| JW Marriott | 47 | 18,925 | 7 | 1,742 | 1 | 496 | - | - | 55 | 21,163 |
| The Ritz-Carlton | 51 | 14,474 | - | - | 2 | 553 | - | - | 53 | 15,027 |
| The Ritz-Carlton Residences | 8 | 416 | - | - | - | - | - | - | 8 | 416 |
| The Ritz-Carlton Serviced Apartments | 5 | 697 | - | - | - | - | - | - | 5 | 697 |
| W Hotels | 23 | 5,242 | - | - | 2 | 665 | - | - | 25 | 5,907 |
| The Luxury Collection | 47 | 8,272 | 33 | 6,387 | 3 | 468 | - | - | 83 | 15,127 |
| St. Regis | 27 | 6,049 | - | - | 1 | 160 | - | - | 28 | 6,209 |
| EDITION | 2 | 699 | - | - | - | - | - | - | 2 | 699 |
| Bulgari Hotels \& Resorts | 2 | 117 | 1 | 85 | - | - | - | - | 3 | 202 |
| Bulgari Residences | 1 | 5 | - | - | - | - | - | - | 1 | 5 |
| Marriott Hotels | 154 | 44,547 | 43 | 12,491 | 4 | 1,445 | - | - | 201 | 58,483 |
| Sheraton | 188 | 64,088 | 59 | 17,519 | 6 | 2,867 | - | - | 253 | 84,474 |
| Westin | 68 | 21,964 | 23 | 7,334 | 1 | 246 | - | - | 92 | 29,544 |
| Renaissance Hotels | 50 | 16,171 | 26 | 7,168 | 3 | 749 | - | - | 79 | 24,088 |
| Le Méridien | 75 | 20,952 | 11 | 2,873 | - | - | - | - | 86 | 23,825 |
| Autograph Collection Hotels | 4 | 670 | 38 | 9,622 | - | - | 5 | 348 | 47 | 10,640 |
| Marriott Executive Apartments | 28 | 4,195 | - | - | - | - | - | - | 28 | 4,195 |
| Tribute Portfolio | 3 | 515 | 6 | 282 | - | - | - | - | 9 | 797 |
| Courtyard | 78 | 16,470 | 56 | 10,745 | 3 | 644 | - | - | 137 | 27,859 |
| Residence Inn | 5 | 517 | 2 | 200 | 1 | 140 | - | - | 8 | 857 |
| Fairfield Inn \& Suites | 10 | 1,588 | 2 | 386 | - | - | - | - | 12 | 1,974 |
| Four Points | 58 | 14,533 | 37 | 6,010 | - | - | - | - | 95 | 20,543 |
| Aloft Hotels | 23 | 5,694 | 12 | 1,925 | - | - | - | - | 35 | 7,619 |
| AC Hotels by Marriott | - | - | - | - | - | - | 84 | 10,845 | 84 | 10,845 |
| Protea Hotels | 36 | 4,201 | 51 | 3,550 | 10 | 1,601 | - | - | 97 | 9,352 |
| Element Hotels | 1 | 188 | 2 | 293 | - | - | - | - | 3 | 481 |
| Moxy Hotels | - | - | 5 | 1,000 | - | - | - | - | 5 | 1,000 |
| Total International | 994 | 271,189 | 414 | 89,612 | 37 | 10,034 | 89 | 11,193 | 1,534 | 382,028 |
|  |  |  |  |  |  |  |  |  |  |  |
| Timeshare | - | - | 83 | 20,702 | - | - | - | - | 83 | 20,702 |
|  |  |  |  |  |  |  |  |  |  |  |
| Total | 1,821 | 521,552 | 4,089 | 635,107 | 70 | 20,839 | $100$ | 13,106 | 6,080 | 1,190,604 |

${ }^{(1)}$ Other represents unconsolidated equity method investments, which we present in the "Equity in earnings" caption of our Income Statements.

## North American Full-Service

## 2016 Compared to 2015

In 2016, across our North American Full-Service segment we added 424 properties (154,521 rooms), including 398 properties ( 147,623 rooms) from the Starwood Combination on the Merger Date, and two properties ( 213 rooms) left our system.

The table below presents the impact of the Starwood Combination starting from the Merger Date, with additional information on the factors attributable to our Legacy-Marriott brands discussed following the table.

| (\$ in millions) | 2016 |  | 2015 |  | $\begin{aligned} & \text { Change } 2016 \\ & \text { vs. } 2015 \end{aligned}$ |  | Change due to Starwood |  | Change Excluding Starwood Impact |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Segment revenues | \$ | 10,376 | \$ | 8,825 | \$ | 1,551 | \$ | 1,215 | \$ | 336 | 4\% |
| Segment profits | \$ | 777 | \$ | 561 | \$ | 216 | \$ | 110 | \$ | 106 | 19\% |

The $\$ 106$ million increase in segment profits for Legacy-Marriott operations was driven by $\$ 40$ million of higher owned, leased, and other revenue, net of direct expenses, $\$ 37$ million of higher base management and franchise fees, $\$ 17$ million of higher incentive management fees, $\$ 11$ million of lower general, administrative, and other expenses, $\$ 1$ million of lower depreciation, amortization, and other expense, and $\$ 1$ million of higher equity in earnings, partially offset by $\$ 1$ million of lower gains and other income, net.

Higher base management and franchise fees for Legacy-Marriott operations were primarily due to $\$ 30$ million of stronger RevPAR and unit growth. Increased incentive management fees for Legacy-Marriott operations were primarily driven by higher net house profits at managed hotels.

Higher owned, leased, and other revenue, net of direct expenses for Legacy-Marriott operations primarily reflected \$21 million of higher branding fees, $\$ 10$ million of favorable operating results at several properties, and $\$ 6$ million of lower preopening costs.

Lower general, administrative, and other expenses for Legacy-Marriott operations were primarily due to $\$ 6$ million of lower reserves for guarantee funding and $\$ 5$ million of lower administrative costs.

Cost reimbursements revenue and expenses for our Legacy-Marriott North American Full-Service segment properties totaled $\$ 8,161$ million in 2016, compared to $\$ 7,911$ million in 2015.

## 2015 Compared to 2014

| (\$ in millions) | 2015 |  | 2014 |  | Change 2015 vs. 2014 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Segment revenues | \$ | 8,825 | \$ | 8,323 | \$ | 502 | 6\% |
| Segment profits | \$ | 561 | \$ | 524 | \$ | 37 | 7\% |

In 2015, across our North American Full-Service segment we added 57 properties ( 15,345 rooms), including 37 properties (9,590 rooms) from the Delta Hotels acquisition, and five properties (1,398 rooms) left our system.

For the twelve months ended December 31, 2015, compared to the twelve months ended December 31, 2014, RevPAR for comparable systemwide North American Full-Service properties increased by 4.6 percent to $\$ 136.95$, occupancy for these properties increased by 0.6 percentage points to 73.1 percent, and average daily rates increased by 3.8 percent to $\$ 187.40$.

The $\$ 37$ million increase in segment profits, compared to 2014, was driven by $\$ 44$ million of higher base management and franchise fees and $\$ 10$ million of higher incentive management fees, partially offset by $\$ 6$ million of lower owned, leased, and other revenue, net of direct expenses, $\$ 4$ million of higher general, administrative, and other expenses, $\$ 4$ million of lower gains and other income, net, and $\$ 3$ million of higher depreciation, amortization, and other expense.

Base management and franchise fees were higher due to stronger RevPAR driven by rate and unit growth, partially offset by $\$ 5$ million of contract modifications and terminations. Increased incentive management fees were primarily driven by higher net house profits at managed hotels.

Lower owned, leased, and other revenue, net of direct expenses primarily reflected $\$ 8$ million of weaker performance at a North American Full-Service property under renovation.

General, administrative, and other expenses were higher due to $\$ 5$ million from the Delta Hotels acquisition and \$2 million in higher reserves for guarantee funding, partially offset by $\$ 3$ million of other property expenses incurred in 2014.

Cost reimbursements revenue and expenses for our North American Full-Service segment properties totaled $\$ 7,911$ million in 2015, compared to $\$ 7,465$ million in 2014.

## North American Limited-Service

## 2016 Compared to 2015

In 2016, across our North American Limited-Service segment we added 451 properties ( 60,637 rooms), including 226 properties ( 34,294 rooms) from the Starwood Combination on the Merger Date, and 8 properties ( 880 rooms) left our system.

The table below presents the impact of the Starwood Combination starting from the Merger Date, with additional information on the factors attributable to our Legacy-Marriott brands discussed following the table.


The $\$ 38$ million increase in segment profits for Legacy-Marriott operations, compared to 2015, reflected $\$ 14$ million of higher base management and franchise fees, $\$ 10$ million of higher incentive management fees, $\$ 5$ million of lower general, administrative, and other expenses, $\$ 4$ million of higher owned, leased, and other revenue, net of direct expenses, $\$ 3$ million of higher gains and other income, net, and $\$ 2$ million of lower depreciation, amortization, and other expense.

Base management and franchise fees for Legacy-Marriott operations were higher primarily reflecting $\$ 50$ million from new units and stronger RevPAR, partially offset by $\$ 24$ million of lower relicensing fees and an $\$ 11$ million decrease in deferred fee recognition. Increased incentive management fees for Legacy-Marriott operations were primarily driven by $\$ 10$ million of higher incentive fees earned from a few limited-service portfolios.

Higher owned, leased, and other revenue, net of direct expenses primarily reflected higher net earnings at several leased and owned properties.

Lower general, administrative, and other expenses for Legacy-Marriott operations were primarily due to $\$ 7$ million of lower reserves for guarantee funding.

Higher gains and other income, net for Legacy-Marriott operations primarily reflected a favorable variance to the $\$ 4$ million prior year disposal loss for a North American Limited-Service segment plot of land.

Cost reimbursements revenue and expenses for our Legacy-Marriott North American Limited-Service segment properties totaled $\$ 2,646$ million in 2016, compared to $\$ 2,366$ million in 2015.

## 2015 Compared to 2014

| (\$ in millions) | 2015 |  | 2014 |  | Change 2015 vs. 2014 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Segment revenues | \$ | 3,193 | \$ | 2,962 | \$ | 231 | 8\% |
| Segment profits | \$ | 651 | \$ | 574 | \$ | 77 | 13\% |

In 2015, across our North American Limited-Service segment we added 173 properties (19,712 rooms) and 26 properties ( 2,820 rooms) left our system. The majority of the properties that left our system were Fairfield Inn \& Suites and Residence Inn properties.

For the twelve months ended December 31, 2015, compared to the twelve months ended December 31, 2014, RevPAR for comparable systemwide North American Limited-Service properties increased by 5.6 percent to $\$ 94.99$, occupancy for these properties increased by 0.5 percentage points to 74.4 percent, and average daily rates increased by 4.9 percent to $\$ 127.65$.

The $\$ 77$ million increase in segment profits, compared to 2014 , reflected $\$ 73$ million of higher base management and franchise fees, $\$ 13$ million of higher incentive management fees, $\$ 2$ million of lower general, administrative, and other expenses, and $\$ 1$ million of lower depreciation, amortization, and other expense, partially offset by $\$ 5$ million of lower owned,
leased, and other revenue, net of direct expenses, $\$ 4$ million of lower gains and other income, net, and $\$ 3$ million of lower equity in earnings.

Base management and franchise fees were higher due to unit growth and stronger room rates, including $\$ 19$ million of higher franchise licensing and application fees, partially offset by a $\$ 5$ million reduction in previously deferred fees and $\$ 3$ million of contract terminations. Increased incentive management fees were primarily driven by a few large portfolios of managed hotels whose improved net house profits allowed them to reach their owners' priority threshold and begin to record incentive fees.

Lower owned, leased, and other revenue, net of direct expenses primarily reflected $\$ 7$ million of lower termination fees, partially offset by $\$ 3$ million of higher net earnings at several leased properties.

Gains and other income, net were lower due to a $\$ 4$ million expected disposal loss on a plot of land. See Footnote 3 "Acquisitions and Dispositions" for more information.

Lower equity in earnings was driven by the redemption of our investment in an entity that owns two hotels.
Cost reimbursements revenue and expenses for our North American Limited-Service segment properties totaled \$2,366 million in 2015, compared to $\$ 2,217$ million in 2014.

## International

## 2016 Compared to 2015

In 2016, across our International regions we added 789 properties ( 213,683 rooms), including 696 properties ( 191,841 rooms) from the Starwood Combination on the Merger Date, and 23 properties ( 4,082 rooms) left our system.

The table below presents the impact of the Starwood Combination starting from the Merger Date, with additional information on the factors attributable to our Legacy-Marriott brands discussed following the table.

| (\$ in millions) | 2016 |  | 2015 |  | $\begin{aligned} & \text { Change } 2016 \\ & \text { vs. } 2015 \end{aligned}$ |  | Change due to Starwood |  | Change Excluding Starwood Impact |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Segment revenues | \$ | 2,636 | \$ | 2,200 | \$ | 436 | S | 399 | \$ | 37 | 2\% |
| Segment profits | \$ | 407 | \$ | 292 | \$ | 115 | \$ | 111 | \$ | 4 | 1\% |

The $\$ 4$ million increase in segment profits for Legacy-Marriott operations, compared to 2015, consisted of $\$ 12$ million of higher gains and other income, net, $\$ 7$ million of higher incentive management fees, $\$ 1$ million of higher base management and franchise fees, $\$ 1$ million of higher owned, leased, and other revenue, net of direct expenses, and $\$ 1$ million of higher equity in earnings, partially offset by $\$ 16$ million of higher general, administrative, and other expenses, and $\$ 2$ million of higher depreciation, amortization, and other expense.

Higher base management and franchise fees for Legacy-Marriott operations were due to $\$ 19$ million of stronger RevPAR and unit growth, partially offset by the impact of $\$ 17$ million in unfavorable foreign exchange rates. The increase in incentive management fees for Legacy-Marriott operations was primarily due to an $\$ 8$ million increase in deferred fee recognition and $\$ 5$ million from new managed properties, partially offset by the impact of $\$ 7$ million in unfavorable foreign exchange rates.

Higher owned, leased, and other revenue, net of direct expenses for Legacy-Marriott operations largely reflected \$13 million net stronger performance at several properties following renovations, partially offset by $\$ 9$ million from a property that converted from owned to managed.

Higher general, administrative, and other expenses for Legacy-Marriott operations were primarily due to a $\$ 12$ million increase in administrative costs to grow our brands globally and a $\$ 5$ million increase in property expenses.

Higher gains and other income, net for Legacy-Marriott operations was primarily due to an $\$ 11$ million prior year disposal loss for an International property.

Higher equity in earnings for Legacy-Marriott operations primarily reflected a net unfavorable variance to two adjustments recorded in 2015, which consisted of a reduction of an International investee's liabilities ( $\$ 5$ million) and an impairment charge on an International joint venture ( $\$ 6$ million).

Cost reimbursements revenue and expenses for our Legacy-Marriott International properties totaled $\$ 1,344$ million in 2016, compared to $\$ 1,282$ million in 2015.

| (\$ in millions) | 2015 |  | 2014 |  | Change 2015 vs. 2014 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Segment revenues | \$ | 2,200 | \$ | 2,255 | \$ | (55) | (2)\% |
| Segment profits | \$ | 292 | \$ | 295 | \$ | (3) | (1)\% |

In 2015, across our International regions we added 70 properties ( 16,490 rooms) and 20 properties ( 2,110 rooms) left our system.

For the twelve months ended December 31, 2015, compared to the twelve months ended December 31, 2014, RevPAR for comparable systemwide international properties increased by 5.1 percent to $\$ 124.13$, occupancy for these properties increased by 2.1 percentage points to 72.5 percent, and average daily rates increased by 2.1 percent to $\$ 171.20$.

The $\$ 3$ million decrease in segment profits in 2015, compared to 2014 , consisted of $\$ 12$ million of lower gains and other income, net, $\$ 9$ million of lower equity in earnings, $\$ 6$ million of lower incentive management fees, and $\$ 4$ million of higher general, administrative, and other expenses, partially offset by $\$ 18$ million of higher base management and franchise fees, $\$ 8$ million of higher owned, leased, and other revenue, net of direct expenses, and $\$ 2$ million of lower depreciation, amortization, and other expense.

Base management and franchise fees increased due to stronger RevPAR, driven by both occupancy and rate, and unit growth, partially offset by the impact of $\$ 16$ million in unfavorable foreign exchange rates. Lower incentive management fees reflected $\$ 15$ million in unfavorable foreign exchange rates, partially offset by higher net house profit at managed hotels and unit growth.

Higher owned, leased, and other revenue, net of direct expenses largely reflected favorable operating results at several of our properties, including $\$ 4$ million of lower lease payments for properties that moved to managed, franchised, or left our system, and $\$ 7$ million of increased termination fees, partially offset by $\$ 4$ million in lower branding fees and $\$ 2$ million from a property that converted to managed.

Lower depreciation, amortization, and other expense was driven by amortization true-ups and lower depreciation from an International property sold in 2015, partially offset by $\$ 5$ million of higher depreciation at several of our leased properties.

General, administrative, and other expenses increased primarily due to higher costs for branding and service initiatives to grow our brands globally.

Lower gains and other income, net primarily reflected an $\$ 11$ million loss on the sale of an International property discussed in Footnote 3 "Acquisitions and Dispositions."

Lower equity in earnings reflected an unfavorable variance to a $\$ 9$ million benefit recorded in 2014 for two of our International investments, following the reversal of their liabilities associated with a tax law change in a country in which they operate, and a $\$ 6$ million impairment charge relating to an International joint venture, partially offset by a $\$ 5$ million benefit recorded in 2015 following an adjustment to an International investee's liabilities.

Cost reimbursements revenue and expenses for our International properties totaled $\$ 1,282$ million in 2015, compared to \$1,305 million in 2014.

## SHARE-BASED COMPENSATION

We award: (1) stock options to purchase our common stock; (2) stock appreciation rights ("SARs") for our common stock; (3) restricted stock units ("RSUs") of our common stock; and (4) deferred stock units. We also issue performance-based RSUs ("PSUs") to named executive officers and some of their direct reports under their Stock Plan. See Footnote 6 "ShareBased Compensation" for more information.

## NEW ACCOUNTING STANDARDS

See Footnote 2 "Summary of Significant Accounting Policies" for information on our anticipated adoption of recently issued accounting standards.

## LIQUIDITY AND CAPITAL RESOURCES

## Cash Requirements and Our Credit Facilities

In the 2016 second quarter, we amended and restated our multicurrency revolving credit agreement (the "Credit Facility") to extend the maturity date of the Credit Facility and increase the aggregate amount of available borrowings to up to $\$ 4,000$ million, up to $\$ 2,500$ million of which was initially available, with the full $\$ 4,000$ million becoming available to us with the closing of the Starwood Combination. The availability of the Credit Facility supports our commercial paper program and general corporate needs, including working capital, capital expenditures, share repurchases, letters of credit, and acquisitions. In addition, we used borrowings under the Credit Facility, all of which we later repaid, to finance part of the cash component of the consideration we paid to Starwood shareholders and certain fees and expenses we incurred in connection with the Starwood Combination. Borrowings under the Credit Facility generally bear interest at LIBOR (the London Interbank Offered Rate) plus a spread, based on our public debt rating. We also pay quarterly fees on the Credit Facility at a rate based on our public debt rating. The term of the facility expires on June 10, 2021.

The Credit Facility contains certain covenants, including a single financial covenant that limits our maximum leverage (consisting of the ratio of Adjusted Total Debt to Consolidated Earnings Before Interest Expense, Taxes, Depreciation and Amortization ("EBITDA"), giving pro forma effect for certain material acquisitions, each as defined in the Credit Facility) to not more than 4 to 1 . In connection with the Starwood Combination, we exercised our option to temporarily increase the maximum permitted leverage under the Credit Facility to 4.5 to 1 for the 2016 third and fourth quarters and the 2017 first quarter. Our outstanding public debt does not contain a corresponding financial covenant or a requirement that we maintain certain financial ratios. We currently satisfy the covenants in our Credit Facility and public debt instruments, including the leverage covenant under the Credit Facility, expect to continue to do so once the temporary increase in permitted leverage ends, and do not expect the covenants will restrict our ability to meet our anticipated borrowing and guarantee levels or increase those levels should we decide to do so in the future.

We believe the Credit Facility and our access to capital markets, together with cash we expect to generate from operations, remain adequate to meet our short-term and long-term liquidity requirements, finance our long-term growth plans, meet debt service, and fulfill other cash requirements.

We issue commercial paper in the United States. We do not have purchase commitments from buyers for our commercial paper; therefore, our ability to issue commercial paper is subject to market demand. We classify any outstanding commercial paper and Credit Facility borrowings as long-term based on our ability and intent to refinance them on a long-term basis. We reserve unused capacity under our Credit Facility to repay outstanding commercial paper borrowings in the event that the commercial paper market is not available to us for any reason when outstanding borrowings mature. We do not expect that fluctuations in the demand for commercial paper will affect our liquidity, given our borrowing capacity under the Credit Facility.

At year-end 2016, our available borrowing capacity amounted to $\$ 2,545$ million and reflected borrowing capacity of $\$ 1,687$ million under our Credit Facility and our cash balance of $\$ 858$ million. We calculated that borrowing capacity by taking $\$ 4,000$ million of effective aggregate bank commitments under our Credit Facility and subtracting $\$ 2,313$ million of outstanding commercial paper (there being no outstanding letters of credit under our Credit Facility).

We monitor the status of the capital markets and regularly evaluate the effect that changes in capital market conditions may have on our ability to execute our announced growth plans. We expect to continue meeting part of our financing and liquidity needs primarily through commercial paper borrowings, issuances of Senior Notes, and access to long-term committed credit facilities. If conditions in the lodging industry deteriorate, or if disruptions in the capital markets take place as they did in the immediate aftermath of both the 2008 worldwide financial crisis and the events of September 11, 2001, we may be unable to place some or all of our commercial paper on a temporary or extended basis and may have to rely more on borrowings under the Credit Facility, which we believe will be adequate to fund our liquidity needs, including repayment of debt obligations, but which may or may not carry a higher cost than commercial paper. Since we continue to have ample flexibility under the Credit Facility's covenants, we expect that undrawn bank commitments under the Credit Facility will remain available to us even if business conditions were to deteriorate markedly.

## Cash from Operations

Cash from operations and non-cash items for the last three fiscal years are as follows:

| (\$ in millions) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash from operations | \$ | 1,582 | \$ | 1,430 | \$ | 1,224 |
| Non-cash items ${ }^{(1)}$ |  | 456 |  | 395 |  | 328 |

${ }^{(1)}$ Includes depreciation, amortization, impairments, share-based compensation, and deferred income taxes.
Our ratio of current assets to current liabilities was 0.7 to 1.0 at year-end 2016 and 0.4 to 1.0 at year-end 2015. We minimize working capital through cash management, strict credit-granting policies, and aggressive collection efforts. We also have significant borrowing capacity under our Credit Facility should we need additional working capital.

Our ratios of earnings to fixed charges for the last five fiscal years, the calculations of which we detail in Exhibit 12 to this 2016 Annual Report on Form 10-K, are as follows:

| Fiscal Years |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 2}$ |
| 5.1 x | 6.4 x | 6.2 x | 5.1 x |  |

## Investing Activities Cash Flows

Acquisition of a Business, Net of Cash Acquired. Cash outflows of $\$ 2,412$ million in 2016 reflect cash consideration to Starwood shareholders, net of cash acquired in the Starwood Combination. Cash outflows of $\$ 137$ million in 2015 primarily reflect the acquisition of Delta Hotels. See Footnote 3 "Acquisitions and Dispositions" for more information.

Capital Expenditures and Other Investments. We made capital expenditures of $\$ 199$ million in 2016, $\$ 305$ million in 2015, and $\$ 411$ million in 2014. These included expenditures related to the development and construction of new hotels, improvements to existing properties, and systems initiatives. Capital expenditures in 2016 decreased by $\$ 106$ million compared to 2015, primarily due to lower spending for our EDITION hotels. Capital expenditures in 2015 decreased by $\$ 106$ million compared to 2014, primarily related to the 2014 development of two EDITION hotels, partially offset by 2015 renovations at a North American Full-Service property and investments in our reservations system.

We expect 2017 investment spending will total approximately $\$ 500$ million to $\$ 700$ million, including approximately $\$ 175$ million for maintenance capital spending. Consolidated investment spending also includes other capital expenditures, loan advances, contract acquisition costs, acquisitions, and equity and other investments.

Over time, we have sold lodging properties, both completed and under development, subject to long-term management agreements. The ability of third-party purchasers to raise the debt and equity capital necessary to acquire such properties depends in part on the perceived risks inherent in the lodging industry and other constraints inherent in the capital markets as a whole. We monitor the status of the capital markets and regularly evaluate the potential impact of changes in capital market conditions on our business operations. In the Starwood Combination, we acquired various hotels and joint venture interests in hotels, which we have sold or may seek to sell. We also expect to continue making selective and opportunistic investments to add units to our lodging business, which may include new construction, loans, and noncontrolling equity investments.

Fluctuations in the values of hotel real estate generally have little impact on our overall business results because: (1) we own less than one percent of hotels that we operate or franchise; (2) management and franchise fees are generally based upon hotel revenues and profits rather than current hotel property values; and (3) our management agreements generally do not terminate upon hotel sale or foreclosure.

Dispositions. Property and asset sales generated $\$ 218$ million cash proceeds in 2016 and $\$ 673$ million in 2015. See Footnote 3 "Acquisitions and Dispositions" for more information on completed dispositions and planned dispositions.

Loan Activity. From time to time, we make loans to owners of hotels that we operate or franchise. Loan collections, net of loan advances, amounted to $\$ 35$ million in 2016 compared to net collections of $\$ 26$ million in 2015 . At year-end 2016, we had $\$ 248$ million of senior, mezzanine, and other loans ( $\$ 245$ million noncurrent and $\$ 3$ million current) outstanding, compared to $\$ 221$ million ( $\$ 215$ million noncurrent and $\$ 6$ million current) outstanding at year-end 2015 . Our notes receivable balance for senior, mezzanine, and other loans increased by $\$ 27$ million, primarily due to $\$ 65$ million in loans acquired in the Starwood Combination on the Merger Date and loan advances of $\$ 32$ million, partially offset by loan collections of $\$ 67$ million.

Equity and Cost Method Investments. Cash outflows of $\$ 14$ million in 2016, $\$ 7$ million in 2015, and $\$ 6$ million in 2014 for equity and cost method investments primarily reflects our investments in a number of joint ventures.

## Cash from Financing Activities

Debt. Debt increased by $\$ 4,399$ million in 2016, to $\$ 8,506$ million at year-end 2016 from $\$ 4,107$ million at year-end 2015, and primarily reflected $\$ 1,875$ million from the Starwood Combination (much of which was subsequently canceled in exchange for our Series $S$ through W Notes), $\$ 1,485$ million ( $\$ 1,500$ million face amount) in Series $Q$ and R Notes issuances, and $\$ 1,373$ million increase in commercial paper borrowings, partially offset by $\$ 289$ million in Series H Notes that matured in the 2016 second quarter and $\$ 24$ million of repurchased Starwood senior notes in the 2016 fourth quarter. See Footnote 11 "Long-Term Debt" for additional information on the debt issuances.

Our financial objectives include diversifying our financing sources, optimizing the mix and maturity of our long-term debt, and reducing our working capital. At year-end 2016, our long-term debt had an average interest rate of 2.9 percent and an average maturity of approximately 5.9 years. The ratio of our fixed-rate long-term debt to our total long-term debt was 0.7 to 1.0 at year-end 2016.

See the "Cash Requirements and Our Credit Facilities," caption in this "Liquidity and Capital Resources" section for more information on our Credit Facility.

Share Repurchases. We purchased 8 million shares of our common stock in 2016 at an average price of $\$ 71.55$ per share, 25.7 million shares in 2015 at an average price of $\$ 75.48$ per share, and 24.2 million shares in 2014 at an average price of $\$ 62.09$ per share. At year-end 2016, 31.4 million shares remained available for repurchase under authorizations from our Board of Directors. We purchase shares in the open market and in privately negotiated transactions.

Dividends. Our Board of Directors declared and paid the following quarterly cash dividends in 2016: (1) \$0.25 per share declared on February 11, 2016 and paid March 31, 2016 to shareholders of record on February 25, 2016; (2) $\$ 0.30$ per share declared on May 6, 2016 and paid June 30, 2016 to shareholders of record on May 20, 2016; (3) $\$ 0.30$ per share declared on September 13, 2016 and paid September 30, 2016 to shareholders of record on September 23, 2016; and (4) $\$ 0.30$ per share declared November 10, 2016 and paid December 30, 2016 to shareholders of record on November 24, 2016. Our Board of Directors declared a cash dividend of $\$ 0.30$ per share on February 10, 2017, payable on March 31, 2017 to shareholders of record on February 24, 2017.

## Contractual Obligations and Off Balance Sheet Arrangements

## Contractual Obligations

The following table summarizes our contractual obligations at year-end 2016:

| (\$ in millions) | Total |  | Payments Due by Period |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Less Than 1 Year |  | 1-3 Years |  | 3-5 Years |  | After 5 Years |  |
| Debt ${ }^{(1)}$ | \$ | 9,591 | \$ | 516 | \$ | 1,611 | \$ | 3,791 | \$ | 3,673 |
| Capital lease obligations ${ }^{(1)}$ |  | 256 |  | 13 |  | 26 |  | 26 |  | 191 |
| Operating leases where we are the primary obligor |  | 1,742 |  | 183 |  | 325 |  | 251 |  | 983 |
| Purchase obligations |  | 470 |  | 186 |  | 242 |  | 42 |  | - |
| Other noncurrent liabilities |  | 99 |  | 5 |  | 8 |  | 8 |  | 78 |
| Total contractual obligations | \$ | 12,158 | \$ | 903 | \$ | 2,212 | \$ | 4,118 | \$ | 4,925 |

(1) Includes principal as well as interest payments.

The preceding table does not reflect unrecognized tax benefits at year-end 2016 of $\$ 400$ million, including interest and net of deferred tax assets. See Footnote 7 "Income Taxes" for additional information.

In addition to the purchase obligations noted in the preceding table, in the normal course of business we enter into purchase commitments to manage the daily operating needs of the hotels that we manage. Since we are reimbursed from the cash flows of the hotels, these obligations have minimal impact on our net income and cash flow.

## Other Commitments

The following table summarizes our guarantee, investment, and loan commitments at year-end 2016:

| (\$ in millions) | Total Amounts Committed |  | Less Than 1 Year |  | 1-3 Years |  | 3-5 Years |  | After 5 Years |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Guarantee commitments (expiration by period) | \$ | 282 | \$ | 37 | \$ | 59 | \$ | 76 | \$ | 110 |
| Investment and loan commitments (expected funding by period) |  | 103 |  | 87 |  | 10 |  | 6 |  | - |
| Total other commitments | \$ | 385 | \$ | 124 | \$ | 69 | \$ | 82 | \$ | 110 |

In conjunction with financing obtained for specific projects or properties owned by joint ventures in which we are a party, we may provide industry standard indemnifications to the lender for loss, liability, or damage occurring as a result of our actions or the actions of the other joint venture owner.

For further information, including the nature of the commitments and their expirations, see the "Commitments" caption in Footnote 8 "Commitments and Contingencies."

## Letters of Credit

At year-end 2016, we also had $\$ 157$ million of letters of credit outstanding (all outside the Credit Facility), the majority of which were for our self-insurance programs. Surety bonds issued as of year-end 2016 totaled $\$ 149$ million, the majority of which federal, state, and local governments requested in connection with our self-insurance programs.

## RELATED PARTY TRANSACTIONS

## Equity Method Investments

We have equity method investments in entities that own properties for which we provide management and/or franchise services and receive fees. We also have equity method investments in entities that provide management and/or franchise services to hotels and receive fees. In addition, in some cases we provide loans, preferred equity, or guarantees to these entities.

## Other Related Parties

We provide management services for and receive fees from properties owned by JWM Family Enterprises, L.P., which is beneficially owned and controlled by J.W. Marriott, Jr., Deborah Marriott Harrison, and other members of the Marriott family.

For more information, including the impact to our financial statements of transactions with these related parties, see Footnote 19 "Related Party Transactions."

## CRITICAL ACCOUNTING POLICIES AND ESTIMATES

Our preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect reported amounts and related disclosures. Management considers an accounting estimate to be critical if: (1) we must make assumptions that were uncertain when the estimate was made; and (2) changes in the estimate, or selection of a different estimate methodology could have a material effect on our consolidated results of operations or financial condition.

While we believe that our estimates, assumptions, and judgments are reasonable, they are based on information available when the estimate or assumption was made. Actual results may differ significantly. Additionally, changes in our assumptions, estimates or assessments as a result of unforeseen events or otherwise could have a material impact on our financial position or results of operations.

Management has discussed the development and selection of its critical accounting policies with the Audit Committee of our Board of Directors, and the Audit Committee has reviewed the disclosure presented below relating to those policies.

See Footnote 2 "Summary of Significant Accounting Policies" for further information on our critical accounting policies and estimates, which are as follows:

Loyalty Programs, including how members earn points, how we estimate the value of future redemption obligation, and how we recognize revenue for these programs;

Goodwill, including how we evaluate the fair value of reporting units and when we record an impairment loss on goodwill;

Intangibles and Long-Lived Assets, including how we evaluate the fair value of intangibles and long-lived assets and when we record impairment losses on intangibles and long-lived assets;

Investments, including information on how we evaluate the fair value of investments and when we record impairment losses on investments;

Loan Loss Reserves, including information on how we measure impairment on senior, mezzanine, and other loans of these types;

Income Taxes, including information on how we determine our current year amounts payable or refundable, as well as our estimate of deferred tax assets and liabilities; and

Business Combinations, including the assumptions that we make to estimate the fair values of assets acquired and liabilities assumed related to discount rates, royalty rates, and the amount and timing of future cash flows.

## Item 7A. Quantitative and Qualitative Disclosures About Market Risk.

We are exposed to market risk from changes in interest rates, stock prices, currency exchange rates, and debt prices. We manage our exposure to these risks by monitoring available financing alternatives, through development and application of credit granting policies and by entering into derivative arrangements. We do not foresee any significant changes in either our exposure to fluctuations in interest rates or currency rates or how we manage such exposure in the future.

We are exposed to interest rate risk on our floating-rate notes receivable and floating-rate debt. Changes in interest rates also impact the fair value of our fixed-rate notes receivable and the fair value of our fixed-rate long-term debt.

We are also subject to risk from changes in debt prices from our investments in debt securities and fluctuations in stock price from our investment in a publicly traded company. Changes in the price of the underlying stock can impact the fair value of our investment. We account for our investments as available-for-sale securities under the guidance for accounting for certain investments in debt and equity securities.

We use derivative instruments, including cash flow hedges, net investment in non-U.S. operations hedges, and other derivative instruments, as part of our overall strategy to manage our exposure to market risks associated with fluctuations in interest rates and currency exchange rates. As a matter of policy, we only enter into transactions that we believe will be highly effective at offsetting the underlying risk, and we do not use derivatives for trading or speculative purposes. See Footnote 2 "Summary of Significant Accounting Policies" for more information on derivative instruments.

The following table sets forth the scheduled maturities and the total fair value as of year-end 2016 for our financial instruments that are impacted by market risks:

|  | Maturities by Period |  |  |  |  |  |  |  |  |  |  |  | Total Carrying Amount |  | Total Fair Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (\$ in millions) | 2017 |  | 2018 |  | 2019 |  | 2020 |  | 2021 |  | Thereafter |  |  |  |  |  |
| Assets - Maturities represent expected principal receipts, fair values represent assets. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fixed-rate notes receivable | \$ | 2 | \$ | 30 | \$ | 16 | \$ | 12 | \$ | 11 | \$ | 61 | \$ | 132 | \$ | 132 |
| Average interest rate |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.57\% |  |  |
| Floating-rate notes receivable | \$ | 1 | \$ | 47 | \$ | 4 | \$ | 5 | \$ | 37 | \$ | 22 | \$ | 116 | \$ | 102 |
| Average interest rate |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.37\% |  |  |
| Liabilities - Maturities represent expected principal payments, fair values represent liabilities. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fixed-rate debt | \$ | (304) | \$ | (405) | \$ | (844) | \$ | (358) | \$ | (853) | \$ | $(3,251)$ | \$ | $(6,015)$ | \$ | $(5,975)$ |
| Average interest rate |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.67\% |  |  |
| Floating-rate debt | \$ | - | \$ | - | \$ | (7) | \$ | - | \$ | $(2,311)$ | \$ | - | \$ | 2,318) | \$ | $(2,318)$ |
| Average interest rate |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.49\% |  |  |

## Item 8. Financial Statements and Supplementary Data.

The following financial information is included on the pages indicated:
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## MANAGEMENT'S REPORT ON

## INTERNAL CONTROL OVER FINANCIAL REPORTING

Management of Marriott International, Inc. (the "Company") is responsible for establishing and maintaining adequate internal control over financial reporting and for assessing the effectiveness of internal control over financial reporting. The Company has designed its internal control over financial reporting to provide reasonable assurance on the reliability of financial reporting and the preparation of the consolidated financial statements in accordance with U.S. generally accepted accounting principles.

The Company's internal control over financial reporting includes those policies and procedures that: (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the Company's transactions and dispositions of the Company's assets; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of the consolidated financial statements in accordance with U.S. generally accepted accounting principles, and that receipts and expenditures of the Company are being made only in accordance with authorizations of the Company's management and directors; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the Company's assets that could have a material effect on the consolidated financial statements.

Because of inherent limitations in internal control over financial reporting, such controls may not prevent or detect misstatements. Also, projections of any evaluation of the effectiveness of internal controls to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In connection with the preparation of the Company's annual consolidated financial statements, management assessed the effectiveness of the Company's internal control over financial reporting as of December 31, 2016, based on criteria established in the Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 Framework) (the "COSO criteria").

Based on this assessment, management has concluded that, applying the COSO criteria, as of December 31, 2016, the Company's internal control over financial reporting was effective to provide reasonable assurance of the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with U.S. generally accepted accounting principles.

On September 23, 2016, we completed our acquisition of Starwood Hotels \& Resorts Worldwide, LLC ("Starwood"). We are in the process of evaluating the existing controls and procedures of Starwood and integrating Starwood into our internal control over financial reporting. In accordance with SEC Staff guidance permitting a company to exclude an acquired business from management's assessment of the effectiveness of internal control over financial reporting for the year in which the acquisition is completed, we have excluded the business that we acquired in the Starwood Combination from our assessment of the effectiveness of internal control over financial reporting as of December 31, 2016. The business that we acquired in the Starwood Combination represented $77 \%$ of the Company's total assets as of December 31, 2016, and $11 \%$ of the Company's revenues and $-5 \%$ of the Company's net income for the year ended December 31, 2016. The scope of management's assessment of the effectiveness of the design and operation of the Company's disclosure controls and procedures as of December 31, 2016 includes all of the Company's consolidated operations except for those disclosure controls and procedures of Starwood that are subsumed by internal control over financial reporting.

Ernst \& Young LLP, the independent registered public accounting firm that audited the Company's consolidated financial statements included in this report, has issued an attestation report on the effectiveness of the Company's internal control over financial reporting, a copy of which appears on the following page.

## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors and Shareholders of Marriott International, Inc.
We have audited Marriott International, Inc.'s internal control over financial reporting as of December 31, 2016, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 Framework) (the COSO criteria). Marriott International, Inc.'s management is responsible for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

As indicated in the accompanying Management's Report on Internal Controls over Financial Reporting, management's assessment of and conclusion on the effectiveness of internal control over financial reporting did not include the internal controls of the business that the company acquired in the acquisition of Starwood Hotels \& Resorts Worldwide, LLC ("Starwood Acquisition"), which is included in the 2016 consolidated financial statements of Marriott International, Inc. and constituted $77 \%$ of total assets as of December 31, 2016, $11 \%$ of revenues and $-5 \%$ of net income for the year then ended. Our audit of internal control over financial reporting of Marriott International, Inc. also did not include an evaluation of the internal control over financial reporting of the Starwood Acquisition.

In our opinion, Marriott International, Inc. maintained, in all material respects, effective internal control over financial reporting as of December 31, 2016, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Marriott International, Inc. as of December 31, 2016 and 2015, and the related consolidated statements of income, comprehensive income, shareholders' equity (deficit) and cash flows for each of the three fiscal years in the period ended December 31, 2016 of Marriott International, Inc. and our report dated February 21, 2017 expressed an unqualified opinion thereon.
/s/ Ernst \& Young LLP
McLean, Virginia
February 21, 2017

## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors and Shareholders of Marriott International, Inc.
We have audited the accompanying consolidated balance sheets of Marriott International, Inc. as of December 31, 2016 and 2015, and the related consolidated statements of income, comprehensive income, shareholders' equity (deficit) and cash flows for each of the three fiscal years in the period ended December 31, 2016. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Marriott International, Inc. at December 31, 2016 and 2015, and the consolidated results of its operations and its cash flows for each of the three fiscal years in the period ended December 31, 2016, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), Marriott International, Inc.'s internal control over financial reporting as of December 31, 2016, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 Framework) and our report dated February 21, 2017 expressed an unqualified opinion thereon.
/s/ Ernst \& Young LLP
McLean, Virginia
February 21, 2017

# MARRIOTT INTERNATIONAL, INC. CONSOLIDATED STATEMENTS OF INCOME 

Fiscal Years 2016, 2015, and 2014
(\$ in millions, except per share amounts)

|  | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | $\underset{2015}{\text { December } 31, ~}$ |  | $\underset{2014}{\text { December 31, }}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUES |  |  |  |  |  |  |
| Base management fees ${ }^{(1)}$ | \$ | 806 | \$ | 698 | \$ | 672 |
| Franchise fees |  | 988 |  | 853 |  | 745 |
| Incentive management fees ${ }^{(1)}$ |  | 425 |  | 319 |  | 302 |
| Owned, leased, and other revenue ${ }^{(1)}$ |  | 1,307 |  | 986 |  | 1,022 |
| Cost reimbursements ${ }^{(1)}$ |  | 13,546 |  | 11,630 |  | 11,055 |
|  |  | 17,072 |  | 14,486 |  | 13,796 |
| OPERATING COSTS AND EXPENSES |  |  |  |  |  |  |
| Owned, leased, and other-direct |  | 900 |  | 733 |  | 775 |
| Reimbursed costs ${ }^{(1)}$ |  | 13,546 |  | 11,630 |  | 11,055 |
| Depreciation, amortization, and other ${ }^{(1)}$ |  | 168 |  | 139 |  | 148 |
| General, administrative, and other ${ }^{(1)}$ |  | 704 |  | 634 |  | 659 |
| Merger-related costs and charges |  | 386 |  | - |  | - |
|  |  | 15,704 |  | 13,136 |  | 12,637 |
| OPERATING INCOME |  | 1,368 |  | 1,350 |  | 1,159 |
| Gains and other income, net ${ }^{(1)}$ |  | 5 |  | 27 |  | 8 |
| Interest expense |  | (234) |  | (167) |  | (115) |
| Interest income ${ }^{(1)}$ |  | 35 |  | 29 |  | 30 |
| Equity in earnings ${ }^{(1)}$ |  | 10 |  | 16 |  | 6 |
| INCOME BEFORE INCOME TAXES |  | 1,184 |  | 1,255 |  | 1,088 |
| Provision for income taxes |  | (404) |  | (396) |  | (335) |
| NET INCOME | \$ | 780 | \$ | 859 | \$ | 753 |
| EARNINGS PER SHARE |  |  |  |  |  |  |
| Earnings per share - basic | \$ | 2.68 | \$ | 3.22 | \$ | 2.60 |
| Earnings per share - diluted | \$ | 2.64 | \$ | 3.15 | \$ | 2.54 |

(1) See Footnote 19 "Related Party Transactions" for disclosure of related party amounts.

See Notes to Consolidated Financial Statements.

# MARRIOTT INTERNATIONAL, INC. <br> CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME 

Fiscal Years 2016, 2015, and 2014
(\$ in millions)

|  | $\underset{2016}{\text { December } 31, ~}$ |  | $\underset{2015}{\text { December }} 31,$ |  | $\underset{2014}{\text { December } 31, ~}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income | \$ | 780 | \$ | 859 | \$ | 753 |
| Other comprehensive (loss) income: |  |  |  |  |  |  |
| Foreign currency translation adjustments |  | (311) |  | (123) |  | (41) |
| Other derivative instrument adjustments, net of tax |  | 1 |  | 10 |  | 8 |
| Unrealized gain (loss) on available-for-sale securities, net of tax |  | 2 |  | (7) |  | 5 |
| Pension and postretirement adjustments |  | 5 |  | - |  | - |
| Reclassification of losses (gains), net of tax |  | 2 |  | (6) |  | 2 |
| Total other comprehensive loss, net of tax |  | (301) |  | (126) |  | (26) |
| Comprehensive income | \$ | 479 | \$ | 733 | \$ | 727 |

See Notes to Consolidated Financial Statements.

## MARRIOTT INTERNATIONAL, INC. CONSOLIDATED BALANCE SHEETS

## Fiscal Years-Ended 2016 and 2015

(\$ in millions)

|  | $\underset{2016}{\text { December }} 31,$ |  | $\underset{2015}{\text { December }} 31,$ |  |
| :---: | :---: | :---: | :---: | :---: |
| ASSETS |  |  |  |  |
| Current assets |  |  |  |  |
| Cash and equivalents | \$ | 858 | \$ | 96 |
| Accounts and notes receivable, net ${ }^{(1)}$ |  | 1,695 |  | 1,103 |
| Prepaid expenses |  | 168 |  | 77 |
| Other ${ }^{(1)}$ |  | 62 |  | 30 |
| Assets held for sale |  | 588 |  | 78 |
|  |  | 3,371 |  | 1,384 |
| Property and equipment, net |  | 2,335 |  | 1,029 |
| Intangible assets |  |  |  |  |
| Brands |  | 6,509 |  | 197 |
| Contract acquisition costs and other ${ }^{(1)}$ |  | 2,761 |  | 1,254 |
| Goodwill |  | 7,598 |  | 943 |
|  |  | 16,868 |  | 2,394 |
| Equity and cost method investments ${ }^{(1)}$ |  | 728 |  | 165 |
| Notes receivable, net |  | 245 |  | 215 |
| Deferred tax assets |  | 116 |  | 672 |
| Other noncurrent assets ${ }^{(1)}$ |  | 477 |  | 223 |
|  | \$ | 24,140 | \$ | 6,082 |
| LIABILITIES AND SHAREHOLDERS' EQUITY (DEFICIT) |  |  |  |  |
| Current liabilities |  |  |  |  |
| Current portion of long-term debt | \$ | 309 | \$ | 300 |
| Accounts payable ${ }^{(1)}$ |  | 687 |  | 593 |
| Accrued payroll and benefits |  | 1,174 |  | 861 |
| Liability for guest loyalty programs |  | 1,866 |  | 952 |
| Accrued expenses and other ${ }^{(1)}$ |  | 1,111 |  | 527 |
|  |  | 5,147 |  | 3,233 |
| Long-term debt |  | 8,197 |  | 3,807 |
| Liability for guest loyalty programs |  | 2,675 |  | 1,622 |
| Deferred tax liabilities ${ }^{(1)}$ |  | 1,020 |  | 16 |
| Other noncurrent liabilities ${ }^{(1)}$ |  | 1,744 |  | 994 |
| Shareholders' equity (deficit) |  |  |  |  |
| Class A Common Stock |  | 5 |  | 5 |
| Additional paid-in-capital |  | 5,808 |  | 2,821 |
| Retained earnings |  | 6,501 |  | 4,878 |
| Treasury stock, at cost |  | $(6,460)$ |  | $(11,098)$ |
| Accumulated other comprehensive loss |  | (497) |  | (196) |
|  |  | 5,357 |  | $(3,590)$ |
|  | \$ | 24,140 | \$ | 6,082 |

[^2]See Notes to Consolidated Financial Statements.

# MARRIOTT INTERNATIONAL, INC. CONSOLIDATED STATEMENTS OF CASH FLOWS 

Fiscal Years 2016, 2015, and 2014
(\$ in millions)

| OPERATING ACTIVITIES | $\begin{gathered} \text { December } 31, ~ \end{gathered}$ |  | $\underset{2015}{\text { December }} 31,$ |  | $\begin{gathered} \text { December 31, } \\ 2014 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Net income | \$ | 780 | \$ | 859 | \$ | 753 |
| Adjustments to reconcile to cash provided by operating activities: |  |  |  |  |  |  |
| Depreciation, amortization, and other |  | 168 |  | 139 |  | 148 |
| Share-based compensation |  | 212 |  | 113 |  | 109 |
| Income taxes |  | 76 |  | 143 |  | 71 |
| Liability for guest loyalty program |  | 343 |  | 233 |  | 175 |
| Merger-related charges |  | 113 |  | - |  | - |
| Working capital changes |  | (177) |  | (126) |  | (120) |
| Other |  | 67 |  | 69 |  | 88 |
| Net cash provided by operating activities |  | 1,582 |  | 1,430 |  | 1,224 |
| INVESTING ACTIVITIES |  |  |  |  |  |  |
| Acquisition of a business, net of cash acquired |  | $(2,412)$ |  | (137) |  | (184) |
| Capital expenditures |  | (199) |  | (305) |  | (411) |
| Dispositions |  | 218 |  | 673 |  | 435 |
| Loan advances |  | (32) |  | (66) |  | (103) |
| Loan collections |  | 67 |  | 92 |  | 34 |
| Contract acquisition costs |  | (80) |  | (121) |  | (65) |
| Redemption of debt security |  | - |  | 121 |  | - |
| Other |  | 29 |  | 110 |  | (19) |
| Net cash (used in) provided by investing activities |  | $(2,409)$ |  | 367 |  | (313) |
| FINANCING ACTIVITIES |  |  |  |  |  |  |
| Commercial paper/Credit Facility, net |  | 1,365 |  | (140) |  | 235 |
| Issuance of long-term debt |  | 1,482 |  | 790 |  | 394 |
| Repayment of long-term debt |  | (326) |  | (325) |  | (7) |
| Issuance of Class A Common Stock |  | 34 |  | 40 |  | 178 |
| Dividends paid |  | (374) |  | (253) |  | (223) |
| Purchase of treasury stock |  | (568) |  | $(1,917)$ |  | $(1,510)$ |
| Other |  | (24) |  | - |  | - |
| Net cash provided by (used in) financing activities |  | 1,589 |  | $(1,805)$ |  | (933) |
| INCREASE (DECREASE) IN CASH AND EQUIVALENTS |  | 762 |  | (8) |  | (22) |
| CASH AND EQUIVALENTS, beginning of period |  | 96 |  | 104 |  | 126 |
| CASH AND EQUIVALENTS, end of period | \$ | 858 | \$ | 96 | \$ | 104 |

See Notes to Consolidated Financial Statements.

MARRIOTT INTERNATIONAL, INC.

## CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY (DEFICIT)

Fiscal Years 2016, 2015, and 2014
(in millions)

| $\begin{aligned} & \text { Common } \\ & \text { Shares } \\ & \text { Outstanding } \end{aligned}$ |  | Total |  | $\begin{gathered} \text { Class A } \\ \text { Common } \\ \text { Stock } \end{gathered}$ |  | Additional Paid-inCapital |  | Retained Earnings |  | Treasury Stock, at Cost |  | AccumulatedOtherComprehensiveLoss |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 298.0 | Balance at December 31, 2013 | \$ | $(1,415)$ | \$ | 5 | \$ | 2,716 | \$ | 3,837 | \$ | $(7,929)$ | \$ | (44) |
| - | Net income |  | 753 |  | - |  | - |  | 753 |  | - |  | - |
| - | Other comprehensive loss |  | (26) |  | - |  | - |  | - |  | - |  | (26) |
| - | Dividends |  | (223) |  | - |  | - |  | (223) |  | - |  | - |
| 6.1 | Share-based compensation plans |  | 211 |  | - |  | 86 |  | (81) |  | 206 |  | - |
| (24.2) | Purchase of treasury stock |  | $(1,500)$ |  | - |  | - |  | - |  | $(1,500)$ |  | - |
| 279.9 | Balance at December 31, 2014 |  | $(2,200)$ |  | 5 |  | 2,802 |  | 4,286 |  | $(9,223)$ |  | (70) |
| - | Net income |  | 859 |  | - |  | - |  | 859 |  | - |  | - |
| - | Other comprehensive loss |  | (126) |  | - |  | - |  | - |  | - |  | (126) |
| - | Dividends |  | (253) |  | - |  | - |  | (253) |  | - |  | - |
| 2.1 | Share-based compensation plans |  | 70 |  | - |  | 19 |  | (14) |  | 65 |  | - |
| (25.7) | Purchase of treasury stock |  | $(1,940)$ |  | - |  | - |  | - |  | $(1,940)$ |  | - |
| 256.3 | Balance at December 31, 2015 |  | $(3,590)$ |  | 5 |  | 2,821 |  | 4,878 |  | $(11,098)$ |  | (196) |
| - | Net income |  | 780 |  | - |  | - |  | 780 |  | - |  | - |
| - | Other comprehensive loss |  | (301) |  | - |  | - |  | - |  | - |  | (301) |
| - | Dividends |  | (374) |  | - |  | - |  | (374) |  | - |  | - |
| 1.8 | Share-based compensation plans |  | 146 |  | - |  | 110 |  | (21) |  | 57 |  | - |
| (8.0) | Purchase of treasury stock |  | (573) |  | - |  | - |  | - |  | (573) |  | - |
| 136.0 | Starwood Combination ${ }^{(1)}$ |  | 9,269 |  | - |  | 2,877 |  | 1,238 |  | 5,154 |  | - |
| 386.1 | Balance at December 31, 2016 | \$ | 5,357 | \$ | 5 | \$ | 5,808 | \$ | 6,501 | \$ | $(6,460)$ | \$ | (497) |

${ }^{(1)}$ Represents Marriott common stock and equity-based awards issued in the Starwood Combination, which also resulted in the depletion of our accumulated historical losses on reissuances of treasury stock in Retained Earnings.
${ }^{(2)}$ Our restated certificate of incorporation authorizes 800 million shares of our common stock, with a par value of $\$ .01$ per share and 10 million shares of preferred stock, without par value. At year-end 2016, we had 386.1 million of these authorized shares of our common stock and no preferred stock outstanding.

## MARRIOTT INTERNATIONAL, INC. NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

## 1. BASIS OF PRESENTATION

The consolidated financial statements present the results of operations, financial position, and cash flows of Marriott International, Inc. ("Marriott," and together with its consolidated subsidiaries, as "we," "us," or "the Company"). In order to make this report easier to read, we also refer throughout to (i) our Consolidated Financial Statements as our "Financial Statements," (ii) our Consolidated Statements of Income as our "Income Statements," (iii) our Consolidated Balance Sheets as our "Balance Sheets," (iv) our properties, brands, or markets in the United States ("U.S.") and Canada as "North America" or "North American," and (v) our properties, brands, or markets outside of the United States and Canada as "International." In addition, references throughout to numbered "Footnotes" refer to the numbered Notes in these Notes to Consolidated Financial Statements, unless otherwise noted.

Preparation of financial statements that conform with U.S. generally accepted accounting principles ("GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities as of the date of the financial statements, the reported amounts of revenues and expenses during the reporting periods, and the disclosures of contingent liabilities. Accordingly, ultimate results could differ from those estimates.

The accompanying Financial Statements reflect all normal and recurring adjustments necessary to present fairly our financial position at fiscal year-end 2016 and fiscal year-end 2015 and the results of our operations and cash flows for fiscal years 2016, 2015, and 2014. We have eliminated all material intercompany transactions and balances between entities consolidated in these Financial Statements. We have made certain reclassifications of our prior year amounts to conform to our current presentation of "Brands" and "Deferred tax liabilities" in our Balance Sheets and "Merger-related costs and charges" in our Income Statements.

## Acquisition of Starwood Hotels \& Resorts Worldwide

On September 23, 2016 (the "Merger Date"), we completed the acquisition of Starwood Hotels \& Resorts Worldwide, LLC, formerly known as Starwood Hotels \& Resorts Worldwide, Inc. ("Starwood") through a series of transactions (the "Starwood Combination"), after which Starwood became an indirect wholly-owned subsidiary of the Company. Our Financial Statements include Starwood's results of operations from the Merger Date through year-end 2016 and reflect the financial position of our combined company at December 31, 2016.

## 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

## Revenue Recognition

Our revenues include: (1) base management and incentive management fees; (2) franchise fees (including licensing fees from MVW and Vistana of $\$ 73$ million for 2016, $\$ 59$ million for 2015, and $\$ 60$ million for 2014); (3) revenues from lodging properties we own or lease; and (4) cost reimbursements. Management fees are typically composed of a base fee, which is a percentage of the revenues of hotels, and an incentive fee, which is generally based on hotel profitability. Franchise fees are typically composed of initial application fees and continuing royalties generated from our franchise programs, which permit the hotel owners and operators to use certain of our brand names. Cost reimbursements include direct and indirect costs that are reimbursed to us by properties that we manage, franchise, or license.

Base Management and Incentive Management Fees: We recognize base management fees as revenue when we earn them under the contracts. In interim periods and at year-end, we recognize incentive management fees that would be due as if the contracts were to terminate at that date, exclusive of any termination fees payable or receivable by us.

Franchise Fee and License Fee Revenue: We recognize application fees at hotel opening. We recognize ongoing franchise fees and license fees as revenue in each accounting period as we earn those fees from the franchisee or licensee under the contracts.

Owned and Leased Units: We recognize room sales and revenues from other guest services for our owned and leased units when rooms are occupied and when we have rendered the services.

Cost Reimbursements: We recognize cost reimbursements from managed, franchised, and licensed properties when we incur the related reimbursable costs. These costs primarily consist of payroll and related expenses at managed properties where we are the employer and also include certain operational and administrative costs as provided for in our contracts with the
owners. As these costs have no added markup, the revenue and related expense have no impact on either our operating or net income.

Other Revenue: Includes other third-party licensing fees, branding fees for third-party residential sales and credit card licensing, and other revenue. We generally recognize other revenue as services are rendered and when collection is reasonably assured. Amounts received in advance are deferred as liabilities.

## Real Estate Sales

We reduce gains on sales of real estate by our maximum exposure to loss if we have continuing involvement with the property and do not transfer substantially all of the risks and rewards of ownership. In sales transactions where we retain a management contract, the terms and conditions of the management contract are generally comparable to the terms and conditions of the management contracts obtained directly with third-party owners in competitive bid processes.

## Loyalty Programs

Marriott Rewards and The Ritz-Carlton Rewards and Starwood Preferred Guest (SPG) are our frequent guest loyalty programs. Program members earn points based on the money they spend at our hotels; purchases of timeshare interval, fractional ownership, and residential products; and, to a lesser degree, through participation in affiliated partners' programs, such as those offered by credit card, car rental, and airline companies. Members can redeem points, which we track on their behalf, for stays at most of our hotels, airline tickets, airline frequent flyer program miles, rental cars, and a variety of other awards. Points cannot be redeemed for cash. We provide our Loyalty Programs as cross-brand marketing programs to participating properties, with the objective of operating the programs on a break-even basis. We collect amounts that we expect will, in the aggregate, equal the costs of point redemptions and program operating costs over time.

We defer revenue we receive from managed, franchised, and Marriott-owned/leased hotels and program partners. Our management and franchise agreements require that properties reimburse us currently for the costs of operating the Loyalty Programs, including marketing, promotion, communication with, and performing member services for Loyalty Program members. Due to the requirement that properties reimburse us for program operating costs as incurred, we recognize the related cost reimbursements revenues from properties for our Loyalty Programs when we incur and expense such costs. We also recognize the component of revenue from program partners that corresponds to program maintenance services when we incur and expense such costs. When points are redeemed we recognize the amounts we previously deferred as revenue and the corresponding expense relating to the costs of the awards redeemed.

The recorded liability related to these programs totaled $\$ 4,541$ million at year-end 2016 compared to $\$ 2,574$ million at year-end 2015. We estimate the reasonableness and the value of the future redemption obligations using statistical formulas that project timing of future point redemptions based on historical levels, including an estimate of the "breakage" for points that members will never redeem, and an estimate of the points that members will eventually redeem. A ten percent reduction in the estimate of "breakage" would have increased the estimated year-end 2016 liability by $\$ 232$ million.

## Profit Sharing Plan

We contribute to profit sharing plans for the benefit of employees meeting certain eligibility requirements who elect to participate in the plans. Participating employees specify the percentage of salary deferred. We recognized compensation costs from profit sharing of $\$ 91$ million in 2016, $\$ 80$ million in 2015, and $\$ 76$ million in 2014.

## Non-U.S. Operations

The U.S. dollar is the functional currency of our consolidated and unconsolidated entities operating in the United States. The functional currency of our consolidated and unconsolidated entities operating outside of the United States is generally the principal currency of the economic environment in which the entity primarily generates and expends cash. We translate the financial statements of consolidated entities whose functional currency is not the U.S. dollar into U.S. dollars, and we do the same, as needed, for unconsolidated entities whose functional currency is not the U.S. dollar. We translate assets and liabilities at the exchange rate in effect as of the financial statement date, and translate income statement accounts using the weighted average exchange rate for the period. We include translation adjustments from currency exchange and the effect of exchange rate changes on intercompany transactions of a long-term investment nature as a separate component of shareholders' equity. We report gains and losses from currency exchange rate changes for intercompany receivables and payables that are not of a long-term investment nature, as well as gains and losses from non-U.S. currency transactions, currently in operating costs and expenses, and those amounted to losses of $\$ 4$ million in 2016, $\$ 6$ million in 2015, and $\$ 16$ million in 2014.

## Share-Based Compensation

We grant share-based compensation awards at exercise prices or strike prices that equal the market price of our common stock on the date of grant. For all share-based awards, we measure compensation costs for our share-based payment transactions at fair value on the grant date, and we recognize those costs in our Financial Statements over the vesting period during which the employee provides service ("the service period") in exchange for the award, which consists primarily of RSUs and SARs.

For SARs, on the grant date, we use a binomial lattice-based valuation model to estimate the fair value of each stock appreciation right granted. This valuation model uses a range of possible stock price outcomes over the term of the award, discounted back to a present value using a risk-free rate. Because of the limitations with closed-form valuation models, such as the Black-Scholes model, we have determined that this more flexible binomial model provides a better estimate of the fair value of our stock appreciation rights because it takes into account employee and non-employee director exercise behavior based on changes in the price of our stock and also allows us to use other dynamic assumptions. See Footnote 6 "Share-Based Compensation" for further information.

## Income Taxes

We record the amounts of taxes payable or refundable for the current year, as well as deferred tax liabilities and assets for the future tax consequences of events we have recognized in our Financial Statements or tax returns, using judgment in assessing future profitability and the likely future tax consequences of those events. We base our estimates of deferred tax assets and liabilities on current tax laws, rates and interpretations, and, in certain cases, business plans and other expectations about future outcomes. We develop our estimates of future profitability based on our historical data and experience, industry projections, micro and macro general economic condition projections, and our expectations.

Changes in existing tax laws and rates, their related interpretations, and the uncertainty generated by the current economic environment may affect the amounts of our deferred tax liabilities or the valuations of our deferred tax assets over time. Our accounting for deferred tax consequences represents management's best estimate of future events that can be appropriately reflected in the accounting estimates.

For tax positions we have taken or expect to take in a tax return, we apply a more likely than not threshold, under which we must conclude a tax position is more likely than not to be sustained, assuming that the position will be examined by the appropriate taxing authority that has full knowledge of all relevant information, in order to continue to recognize the benefit. In determining our provision for income taxes, we use judgment, reflecting our estimates and assumptions, in applying the more likely than not threshold. We recognize accrued interest and penalties for our unrecognized tax benefits as a component of tax expense. See Footnote 7 "Income Taxes" for further information.

## Cash and Equivalents

We consider all highly liquid investments with an initial maturity of three months or less at date of purchase to be cash equivalents.

## Accounts Receivable

Our accounts receivable primarily consist of amounts due from hotel owners with whom we have management and franchise agreements and include reimbursements of costs we incurred on behalf of managed and franchised properties. We generally collect these receivables within 30 days. We record an accounts receivable reserve when losses are probable, based on an assessment of historical collection activity and current business conditions. Our accounts receivable reserve was $\$ 20$ million at year-end 2016 and $\$ 25$ million at year-end 2015.

## Assets Held for Sale

We consider properties to be assets held for sale when (1) management commits to a plan to sell the property; (2) it is unlikely that the disposal plan will be significantly modified or discontinued; (3) the property is available for immediate sale in its present condition; (4) actions required to complete the sale of the property have been initiated; (5) sale of the property is probable and we expect the completed sale will occur within one year; and (6) the property is actively being marketed for sale at a price that is reasonable given our estimate of current market value. Upon designation of a property as an asset held for sale, we record the property's value at the lower of its carrying value or its estimated fair value, less estimated costs to sell, and we cease depreciation. See Footnote 3 "Acquisitions and Dispositions" for additional information on planned dispositions.

## Goodwill

We assess goodwill for potential impairment at the end of each fiscal year, or during the year if an event or other circumstance indicates that we may not be able to recover the carrying amount of the net assets of the reporting unit. In evaluating goodwill for impairment, we may first assess qualitative factors to determine whether it is more likely than not (that is, a likelihood of more than 50 percent) that the fair value of a reporting unit is less than its carrying amount. Qualitative factors that we consider include, for example, macroeconomic and industry conditions, overall financial performance, and other relevant entity-specific events. If we bypass the qualitative assessment, or if we conclude that it is more likely than not that the fair value of a reporting unit is less than its carrying value, then we perform a two-step goodwill impairment test to identify potential goodwill impairment and measure the amount of goodwill impairment we will recognize, if any.

In the first step of the two-step goodwill impairment test, we compare the estimated fair value of the reporting unit with its carrying value. If the estimated fair value of the reporting unit exceeds its carrying amount, no further analysis is needed. If, however, the estimated fair value of the reporting unit is less than its carrying amount, we proceed to the second step and calculate the implied fair value of the reporting unit goodwill to determine whether any impairment is required. We calculate the implied fair value of the reporting unit goodwill by allocating the estimated fair value of the reporting unit to all of the unit's assets and liabilities as if the unit had been acquired in a business combination. If the carrying value of the reporting unit's goodwill exceeds the implied fair value of the goodwill, we recognize an impairment loss in the amount of that excess. In allocating the estimated fair value of the reporting unit to all of the assets and liabilities of the reporting unit, we use industry and market data, as well as knowledge of the industry and our past experience.

We calculate the estimated fair value of a reporting unit using a weighting of the income and market approaches. For the income approach, we use internally developed discounted cash flow models that include the following assumptions, among others: projections of revenues, expenses, and related cash flows based on assumed long-term growth rates and demand trends; expected future investments to grow new units; and estimated discount rates. For the market approach, we use internal analyses based primarily on market comparables. We base these assumptions on our historical data and experience, third-party appraisals, industry projections, micro and macro general economic condition projections, and our expectations.

We have had no goodwill impairment charges for the last three fiscal years.

## Intangibles and Long-Lived Assets

We assess indefinite-lived intangible assets for potential impairment and continued indefinite use at the end of each fiscal year, or during the year if an event or other circumstance indicates that we may not be able to recover the carrying amount of the asset. Similar to goodwill, we may first assess qualitative factors to determine whether it is more likely than not that the fair value of the indefinite-lived intangible is less than its carrying amount. If the carrying value of the asset exceeds the fair value, we recognize an impairment loss in the amount of that excess.

We test definite-lived intangibles and long-lived asset groups for recoverability when changes in circumstances indicate that we may not be able to recover the carrying value; for example, when there are material adverse changes in projected revenues or expenses, significant underperformance relative to historical or projected operating results, or significant negative industry or economic trends. We also test recoverability when management has committed to a plan to sell or otherwise dispose of an asset group and we expect to complete the plan within a year. We evaluate recoverability of an asset group by comparing its carrying value to the future net undiscounted cash flows that we expect the asset group will generate. If the comparison indicates that we will not be able to recover the carrying value of an asset group, we recognize an impairment loss for the amount by which the carrying value exceeds the estimated fair value. When we recognize an impairment loss for assets to be held and used, we depreciate the adjusted carrying amount of those assets over their remaining useful life.

We calculate the estimated fair value of an intangible asset or asset group using the income approach or the market approach. We utilize the same assumptions and methodology for the income approach that we describe in the "Goodwill" caption. For the market approach, we use internal analyses based primarily on market comparables and assumptions about market capitalization rates, growth rates, and inflation.

## Investments

We may hold an equity interest in ventures established to develop or acquire and own hotel properties. These ventures are generally limited liability companies or limited partnerships. We account for investments in such entities using the cost method of accounting when we hold an interest so minor that we have virtually no influence over the operating and financial policies of the investee and the equity method of accounting when we hold an interest more than so minor that it allows us to have influence, but not control, over the operating and financial policies of the investee. We account for investments in other ventures using the equity method of accounting when we exercise significant influence over the entities. If we do not exercise
significant influence, we account for the investment using the cost method of accounting. We consolidate entities that we control.

Under the accounting guidance for the consolidation of variable interest entities, we analyze our variable interests, including equity investments, loans, and guarantees, to determine if an entity in which we have a variable interest is a variable interest entity. Our analysis includes both quantitative and qualitative reviews. We base our quantitative analysis on the forecasted cash flows of the entity, and our qualitative analysis on our review of the design of the entity, its organizational structure including decision-making ability, and relevant financial agreements. We also use our qualitative analysis to determine if we must consolidate a variable interest entity as its primary beneficiary.

We evaluate an investment for impairment when circumstances indicate that we may not be able to recover the carrying value. For example, when evaluating our ventures, we consider loan defaults, significant underperformance relative to historical or projected operating performance, or significant negative industry or economic trends.

We impair investments we account for using the equity and cost methods of accounting when we determine that there has been an "other-than-temporary" decline in the venture's estimated fair value compared to its carrying value. Additionally, a venture's commitment to a plan to sell some or all of its assets could cause us to evaluate the recoverability of the venture's individual long-lived assets and possibly the venture itself.

We calculate the estimated fair value of an investment using either a market approach or an income approach. We utilize the same assumptions and methodology for the income approach that we describe in the "Goodwill" caption. For the market approach, we use internal analyses based primarily on market comparables and assumptions about market capitalization rates, growth rates, and inflation.

For investments in securities classified as available-for-sale, we determine the cost basis of the securities sold using specific identification, meaning that we track our securities individually.

## Fair Value Measurements

We have various financial instruments we must measure at fair value on a recurring basis, including certain marketable securities and derivatives. See Footnote 16 "Fair Value of Financial Instruments" for further information. We also apply the provisions of fair value measurement to various nonrecurring measurements for our financial and nonfinancial assets and liabilities.

Accounting standards define fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). We measure our assets and liabilities using inputs from the following three levels of the fair value hierarchy:

Level 1 inputs are unadjusted quoted prices in active markets for identical assets or liabilities that we have the ability to access at the measurement date.

Level 2 inputs include quoted prices for similar assets and liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the asset or liability (i.e., interest rates, yield curves, etc.), and inputs that are derived principally from or corroborated by observable market data by correlation or other means (market corroborated inputs).

Level 3 includes unobservable inputs that reflect our assumptions about what factors market participants would use in pricing the asset or liability. We develop these inputs based on the best information available, including our own data.

## Derivative Instruments

We record derivatives at fair value. The designation of a derivative instrument as a hedge and its ability to meet the hedge accounting criteria determine how we reflect the change in fair value of the derivative instrument in our Financial Statements. A derivative qualifies for hedge accounting if, at inception, we expect the derivative will be highly effective in offsetting the underlying hedged cash flows or fair value and we fulfill the hedge documentation standards at the time we enter into the derivative contract. We designate a hedge as a cash flow hedge, fair value hedge, or a net investment in non-U.S. operations hedge based on the exposure we are hedging. For the effective portion of qualifying cash flow hedges, we record changes in fair value in other comprehensive income ("OCI"). We release the derivative's gain or loss from OCI to match the timing of the underlying hedged items' effect on earnings.

We review the effectiveness of our hedging instruments quarterly, recognize current period hedge ineffectiveness immediately in earnings, and discontinue hedge accounting for any hedge that we no longer consider to be highly effective. We
recognize changes in fair value for derivatives not designated as hedges or those not qualifying for hedge accounting in current period earnings. Upon termination of cash flow hedges, we release gains and losses from OCI based on the timing of the underlying cash flows or revenue recognized, unless the termination results from the failure of the intended transaction to occur in the expected time frame. Such untimely transactions require us to immediately recognize in earnings the gains and/or losses that we previously recorded in OCI.

Changes in interest rates, currency exchange rates, and equity securities expose us to market risk. We manage our exposure to these risks by monitoring available financing alternatives, as well as through development and application of credit granting policies. We also use derivative instruments, including cash flow hedges, net investment in non-U.S. operations hedges, fair value hedges, and other derivative instruments, as part of our overall strategy to manage our exposure to market risks. As a matter of policy, we only enter into transactions that we believe will be highly effective at offsetting the underlying risk, and we do not use derivatives for trading or speculative purposes.

## Loan Loss Reserves

We may make senior, mezzanine, and other loans to owners of hotels that we operate or franchise, generally to facilitate the development of a hotel and sometimes to facilitate brand programs or initiatives. We expect the owners to repay the loans in accordance with the loan agreements, or earlier as the hotels mature and capital markets permit. We use metrics such as loan-tovalue ratios and debt service coverage, and other information about collateral and from third party rating agencies to assess the credit quality of the loan receivable, both upon entering into the loan agreement and on an ongoing basis as applicable.

On a regular basis, we individually assess loans for impairment. We use internally generated cash flow projections to determine if we expect the loans to be repaid under the terms of the loan agreements. If we conclude that it is probable a borrower will not repay a loan in accordance with its terms, we consider the loan impaired and begin recognizing interest income on a cash basis. To measure impairment, we calculate the present value of expected future cash flows discounted at the loan's original effective interest rate or the estimated fair value of the collateral. If the present value or the estimated collateral is less than the carrying value of the loan receivable, we establish a specific impairment reserve for the difference.

If it is likely that a loan will not be collected based on financial or other business indicators, including our historical experience, our policy is to charge off the loan in the quarter in which we deem it uncollectible.

## Guarantees

We measure and record our liability for the fair value of a guarantee on a nonrecurring basis, that is when we issue or modify a guarantee, using Level 3 internally developed inputs, as described above in this footnote under the heading "Fair Value Measurements." We base our calculation of the estimated fair value of a guarantee on the income approach or the market approach, depending on the type of guarantee. For the income approach, we use internally developed discounted cash flow and Monte Carlo simulation models that include the following assumptions, among others: projections of revenues and expenses and related cash flows based on assumed growth rates and demand trends; historical volatility of projected performance; the guaranteed obligations; and applicable discount rates. We base these assumptions on our historical data and experience, industry projections, micro and macro general economic condition projections, and our expectations. For the market approach, we use internal analyses based primarily on market comparable data and our assumptions about market capitalization rates, credit spreads, growth rates, and inflation.

The offsetting entry for the guarantee liability depends on the circumstances in which the guarantee was issued. Funding under the guarantee reduces the recorded liability. In most cases, when we do not forecast any funding, we amortize the liability into income on a straight-line basis over the remaining term of the guarantee. On a quarterly basis, we evaluate all material estimated liabilities based on the operating results and the terms of the guarantee. If we conclude that it is probable that we will be required to fund a greater amount than previously estimated, we record a loss except to the extent that the applicable contracts provide that the advance can be recovered as a loan.

## Self-Insurance Programs

We self-insure for certain levels of property, liability, workers' compensation, and employee medical coverage. We accrue estimated costs of these self-insurance programs at the present value of projected settlements for known and incurred but not reported claims. We use a discount rate of two percent to determine the present value of the projected settlements, which we consider to be reasonable given our history of settled claims, including payment patterns and the fixed nature of the individual settlements.

## Legal Contingencies

We are subject to various legal proceedings and claims, the outcomes of which are uncertain. We record an accrual for legal contingencies when we determine that it is probable that we have incurred a liability and we can reasonably estimate the amount of the loss. In making such determinations we evaluate, among other things, the probability of an unfavorable outcome and, when we believe it probable that a liability has been incurred, our ability to make a reasonable estimate of the loss. We review these accruals each reporting period and make revisions based on changes in facts and circumstances.

## Business Combinations

We allocate the purchase price of an acquisition to the tangible and intangible assets acquired and liabilities assumed based on their estimated fair values at the acquisition date. We recognize as goodwill the amount by which the purchase price of an acquired entity exceeds the net of the fair values assigned to the assets acquired and liabilities assumed. In determining the fair values of assets acquired and liabilities assumed, we use various recognized valuation methods including the income and market approaches. Further, we make assumptions within certain valuation techniques, including discount rates, royalty rates, and the amount and timing of future cash flows. We record the net assets and results of operations of an acquired entity in our Financial Statements from the acquisition date. We initially perform these valuations based upon preliminary estimates and assumptions by management or independent valuation specialists under our supervision, where appropriate, and make revisions as estimates and assumptions are finalized. We expense acquisition-related costs as incurred. See Footnote 3 "Acquisitions and Dispositions" for additional information.

## New Accounting Standards

Accounting Standards Update No. 2014-09 - "Revenue from Contracts with Customers" ("ASU No. 2014-09")
ASU No. 2014-09 supersedes the revenue recognition requirements in Topic 605, Revenue Recognition, as well as most industry-specific guidance, and significantly enhances comparability of revenue recognition practices across entities and industries by providing a principles-based, comprehensive framework for addressing revenue recognition issues. In order for a provider of promised goods or services to recognize as revenue the consideration that it expects to receive in exchange for the promised goods or services, the provider should apply the following five steps: (1) identify the contract with a customer(s); (2) identify the performance obligations in the contract; (3) determine the transaction price; (4) allocate the transaction price to the performance obligations in the contract; and (5) recognize revenue when (or as) the entity satisfies a performance obligation. ASU No. 2014-09 also specifies the accounting for some costs to obtain or fulfill a contract with a customer and provides enhanced disclosure requirements. The Financial Accounting Standards Board ("FASB") has deferred ASU No. 2014-09 for one year, and with that deferral, the standard will be effective for annual reporting periods beginning after December 15, 2017, including interim periods within that reporting period, which for us will be our 2018 first quarter. We are permitted to use either the retrospective or the modified retrospective method when adopting ASU No. 2014-09, and we are evaluating the available adoption methods. We are still assessing the potential impact that ASU No. 2014-09 will have on our financial statements and disclosures, but we believe that there likely will be changes to our revenue recognition policies in the following areas:

- We will recognize franchise application fees over the term of the franchise contract rather than at hotel opening.
- We will recognize incentive management fees once the uncertainty related to these variable fees has been alleviated, which will likely result in recognizing these fees later in the year than we do currently.
- We believe that the timing of recognition for profits from the sale of real estate assets will change, resulting from the removal of the real estate specific guidance.

Accounting Standards Update No. 2015-16 - "Simplifying the Accounting for Measurement-Period Adjustments" ("ASU No. 2015-16")

In September 2015, the FASB issued ASU No. 2015-16, which eliminates the requirement to restate prior period financial statements for measurement period adjustments. Instead, adjustments to provisional amounts that are identified during the measurement period of a business combination are recognized in the period in which the adjustments are determined. We adopted the standard in 2016. See Footnote 3 "Acquisitions and Dispositions" for measurement period adjustments related to the Starwood Combination.

## Accounting Standards Update No. 2016-02 - "Leases" ("ASU No. 2016-02")

In February 2016, the FASB issued ASU No. 2016-02, which introduces a lessee model that brings substantially all leases onto the balance sheet. Under the new standard, a lessee will recognize on its balance sheet a lease liability and a right-of-use asset for all leases, including operating leases, with a term greater than 12 months. The new standard will also distinguish leases as either finance leases or operating leases. This distinction will affect how leases are measured and presented in the income statement and statement of cash flows. ASU No. 2016-02 is effective for annual and interim periods in fiscal years beginning
after December 15, 2018. We are still assessing the potential impact that ASU No. 2016-02 will have on our financial statements and disclosures.

Accounting Standards Update No. 2016-09 - "Stock Compensation" ("ASU No. 2016-09")
In March 2016, the FASB issued ASU No. 2016-09, which involves several aspects of the accounting for share-based payments. The new guidance will require recording of excess tax benefits as income tax expense (or benefit) in the income statement. Currently, excess tax benefits are recorded in additional paid-in-capital in the balance sheet. In the statement of cash flows, the new guidance requires that excess tax benefits be presented as operating inflows and employee tax withholdings as financing outflows. ASU No. 2016-09 is effective for annual and interim periods beginning after December 15, 2016. We are still assessing the potential impact that ASU No. 2016-09 will have on our financial statements and disclosures, but we believe that in 2017 it may result in a decrease of approximately $\$ 41$ million to our provision for income taxes, an increase of approximately $\$ 0.10$ to diluted earnings per share, an increase to our operating cash inflows, and an increase to our financing cash outflows.

Accounting Standards Update No. 2017-01 - "Clarifying the Definition of a Business" ("ASU No. 2017-01")
In January 2017, the FASB issued ASU No. 2017-01, clarifying the definition of a business to help companies evaluate whether transactions should be accounted for as acquisitions or disposals of assets or businesses. ASU No. 2017-01 is effective for annual and interim periods beginning after December 15, 2017. We are still assessing the potential impact that ASU No. 2017-01 will have on our financial statements and disclosures.

## 3. ACQUISITIONS AND DISPOSITIONS

## 2016 Acquisitions

We completed the Starwood Combination on September 23, 2016 (the "Merger Date"). Before the combination, Starwood was a leading hospitality company and a competitor of ours. The combination of our brands creates a more comprehensive portfolio, enhances our global market distribution, and provides opportunities for cost efficiencies. Our combined company now operates or franchises over 6,000 properties with nearly 1.2 million rooms, representing 30 leading brands from the moderate-tier to luxury in 122 countries and territories.

Shareholders of Starwood received 0.80 shares of our Class A Common Stock and $\$ 21.00$ in cash for each share of Starwood common stock. The following table presents the fair value of each class of consideration that we transferred.

| (in millions, except per share amounts) |  |
| :--- | :---: |
| Equivalent shares of Marriott common stock issued in exchange for Starwood outstanding shares | $\$$ |
| Marriott common stock price as of Merger Date | 134.4 |
| Fair value of Marriott common stock issued in exchange for Starwood outstanding shares | 68.44 |
| Cash consideration to Starwood shareholders, net of cash acquired of $\$ 1,116$ | 9,198 |
| Fair value of Marriott equity-based awards issued in exchange for vested Starwood equity-based awards | 2,412 |
| Total consideration transferred, net of cash acquired | \$ |

Preliminary Fair Values of Assets Acquired and Liabilities Assumed. Our preliminary estimates of fair values of the assets that we acquired and the liabilities that we assumed are based on information that was available as of the Merger Date, and we are continuing to evaluate the underlying inputs and assumptions used in our valuations. Accordingly, these preliminary estimates are subject to change during the measurement period, which is up to one year from the Merger Date. During the 2016 fourth quarter, we refined our valuation models to reflect changes in assumptions related to contractual terms (such as territorial provisions and royalty rates), operating margins, discount rates, tax rates, and growth rates.

The following table presents our preliminary estimates of fair values of the assets that we acquired and the liabilities that we assumed on the Merger Date, as previously reported at the end of the 2016 third quarter and as of year-end 2016.

| (\$ in millions) | September 23, 2016 (as previously reported) |  | Adjustments |  | September 23, 2016 (as adjusted) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Working capital | \$ | (115) | \$ | (65) | \$ | (180) |
| Property and equipment, including assets held for sale |  | 2,045 |  | (46) |  | 1,999 |
| Identified intangible assets |  | 8,573 |  | (616) |  | 7,957 |
| Equity and cost method investments |  | 648 |  | (69) |  | 579 |
| Other noncurrent assets |  | 207 |  | 17 |  | 224 |
| Deferred income taxes, net |  | $(1,845)$ |  | 329 |  | $(1,516)$ |
| Guest loyalty program |  | $(1,647)$ |  | 16 |  | $(1,631)$ |
| Debt |  | $(1,876)$ |  | 5 |  | $(1,871)$ |
| Other noncurrent liabilities |  | (518) |  | (136) |  | (654) |
| Net assets acquired |  | 5,472 |  | (565) |  | 4,907 |
| Goodwill ${ }^{(1)}$ |  | 6,226 |  | 548 |  | 6,774 |
|  | \$ | 11,698 | \$ | (17) | \$ | 11,681 |

(1) Goodwill primarily represents the value that we expect to obtain from synergies and growth opportunities from our combined operations, and it is not deductible for tax purposes. See Footnote 13 "Intangible Assets and Goodwill" for our preliminary assignment of goodwill by reportable segment.
Property and Equipment. We acquired property and equipment, which primarily consisted of 15 owned hotels. We provisionally estimated the value of the land, building, and furniture and equipment associated with the hotels using a combination of the income, cost, and market approaches, which are primarily based on significant Level 2 and Level 3 assumptions, such as estimates of future income growth, capitalization rates, discount rates, and capital expenditure needs of the hotels. We are continuing to assess the marketplace assumptions and property conditions, which could result in changes to these provisional values.

Identified Intangible Assets. The following table presents our preliminary estimates of the fair values of Starwood's identified intangible assets and their related estimated useful lives.

|  | Estimated Fair Value (in millions) |  | Estimated Useful Life (in years) |
| :---: | :---: | :---: | :---: |
| Brands | \$ | 6,452 | indefinite |
| Management Agreements and Lease Contract Intangibles |  | 712 | 10-25 |
| Franchise Agreements |  | 744 | 10-80 |
| Loyalty Program Marketing Rights |  | 49 | 30 |
|  | \$ | 7,957 |  |

We provisionally estimated the value of Starwood's brands using the relief-from-royalty method, which applies an estimated royalty rate to forecasted future cash flows, discounted to present value. We estimated the value of management and franchise agreements using the multi-period excess earnings method, which is a variation of the income approach. This method estimates an intangible asset's value based on the present value of the incremental after-tax cash flows attributable to the intangible asset. We valued the lease agreements and leasehold interests using an income approach. These valuation approaches utilize Level 3 inputs, and we continue to review Starwood's contracts and historical performance in addition to evaluating the inputs, including the discount rates and growth assumptions, which could result in changes to these provisional values.

Franchise agreements include an exclusive, 80-year global license agreement with Vistana, Starwood's former vacation ownership business that is now part of ILG, for the exclusive use of the Westin and Sheraton brands in vacation ownership. In addition, the same agreement provides ILG with a non-exclusive license for St. Regis and The Luxury Collection vacation ownership properties existing on the Merger Date. Under this agreement, we receive a fixed annual license fee, adjusted for inflation, of $\$ 30$ million plus certain variable fees based on sales volumes.

Equity Method Investments. We provisionally estimated the value of the investees' real estate using the same methods as for property and equipment described above. We continue to review the terms of the partnership and joint venture agreements, assess the conditions of the properties, and evaluate the discount rates, any discounts for lack of marketability and control as appropriate, and growth assumptions used in valuing these investments, which could result in changes to our provisional values.

Deferred Income Taxes. Deferred income taxes primarily relate to the fair value adjustments of the assets and liabilities that we acquired from Starwood, including property and equipment, intangible assets, equity method investments, and longterm debt. We provisionally estimated deferred income taxes based on statutory tax rates in the jurisdictions of the legal entities where the acquired noncurrent assets and liabilities are taxed. We continue to assess the tax rates used, and we will update our estimate of deferred income taxes based on any changes to our provisional valuations of the related assets and liabilities and refinement of the effective tax rates, which could result in changes to these provisional values.

Guest Loyalty Program. The SPG program is Starwood's frequent traveler, customer loyalty, and multi-brand marketing program. We are reviewing the assumptions utilized in an actuarial valuation of the future redemption obligations, which could result in changes to the provisional value of the program liability.

Debt, Leases, and Other Contractual Obligations or Contingencies. We primarily valued debt using quoted market prices, which are considered Level 1 inputs as they are observable in the market. For more information, see Footnote 11 "Long-Term Debt."

Most of the leases we acquired have initial terms of up to 20 years, contain one or more renewals at our option, generally for five- or 10-year periods, and generally contain fixed and variable components. The variable components of leases of land or building facilities are primarily based on operating performance of the leased property.

We identified certain onerous provisions within a few of the acquired management agreements. We valued liabilities associated with these provisions using an income approach and Level 3 inputs, including cash flows, discount rates, and growth assumptions. We continue to review and evaluate Starwood's agreements, historical performance, discount rates, and growth assumptions, which could result in changes to these provisional values.

In connection with the Starwood Combination, we are currently assessing various regulatory compliance matters at several foreign Legacy-Starwood locations, including compliance with the U.S. Foreign Corrupt Practices Act. The results of this assessment may give rise to contingencies that could require us to record balance sheet liabilities or accrue expenses. While any such amounts are not currently estimable, we will review our provisional assessment of these contingencies as we gather more information.

Pro Forma Results of Operations. The following unaudited pro forma information presents the combined results of operations of Marriott and Starwood as if we had completed the Starwood Combination on January 1, 2015, but using our preliminary fair values of assets and liabilities as of the Merger Date. As required by GAAP, these unaudited pro forma results do not reflect any cost saving synergies from operating efficiencies. Accordingly, we present these unaudited pro forma results for informational purposes only, and they are not necessarily indicative of what the actual results of operations of the combined company would have been if the Starwood Combination had occurred at the beginning of the period presented, nor are they indicative of future results of operations.

| (\$ in millions) | 2016 |  | 2015 |  |
| :---: | :---: | :---: | :---: | :---: |
| Pro forma revenues | \$ | 20,494 | \$ | 19,280 |
| Pro forma net income | \$ | 1,151 | \$ | 941 |

The unaudited pro forma results include $\$ 113$ million of integration costs for 2016 and $\$ 397$ million of transaction and employee termination costs for 2015.

Starwood Results of Operations. The following table presents the results of Starwood operations included in our Income Statements from the Merger Date through year-end 2016.

|  | September 23, 2016 - <br> December 31, 2016 |  |
| :--- | ---: | ---: |
| Revenue | $\$$ | 1,906 |
| Net loss | $\$$ | $(39)$ |

## 2016 Dispositions and Planned Dispositions as of Year-End 2016

In the 2016 fourth quarter, we sold a North American Full-Service property, which we had acquired in the Starwood Combination, and received $\$ 165$ million in cash. In the 2016 second quarter, we sold a North American Limited-Service segment plot of land and received $\$ 46$ million in cash. We had previously classified these assets as "Assets held for sale."

At year-end 2016, we held $\$ 588$ million of assets classified as "Assets held for sale" and $\$ 26$ million of liabilities recorded under "Accrued expenses and other" on our Balance Sheets, related to two hotels that we acquired through the Starwood Combination and the remaining Miami Beach EDITION residences.

## 2015 Acquisitions

In the 2015 second quarter, we acquired the Delta Hotels brand, management and franchise business, together with related intellectual property for approximately $\$ 134$ million ( $\mathrm{C} \$ 170$ million), plus $\$ 2$ million ( $\mathrm{C} \$ 2$ million) of working capital, for a total purchase price of $\$ 136$ million ( $\mathrm{C} \$ 172$ million) in cash. We finalized the purchase accounting during the 2015 third quarter and recognized approximately: $\$ 127$ million (C\$161 million) in intangible assets consisting of contract assets of $\$ 17$ million ( $\mathrm{C} \$ 22$ million), an indefinite-lived brand intangible of $\$ 91$ million ( $\mathrm{C} \$ 115$ million), and goodwill of $\$ 19$ million ( $\mathrm{C} \$ 24$ million); and $\$ 9$ million ( $\mathrm{C} \$ 11$ million) of tangible assets consisting of property and equipment and other assets. As a result of the transaction, we added 37 open hotels and resorts with 9,590 rooms across Canada, including 27 properties under management agreements and 10 properties under franchise agreements, plus five hotels under development.

## 2015 Dispositions and Planned Dispositions as of Year-End 2015

We sold The Miami Beach EDITION during the 2015 first quarter, and we sold The New York (Madison Square Park) EDITION at the beginning of the 2015 second quarter. We received total cash proceeds of $\$ 566$ million in 2015. In the 2015 first quarter, we recorded a $\$ 6$ million impairment charge for The New York (Madison Square Park) EDITION in the "Depreciation, amortization, and other" caption of our Income Statements as our cost estimates exceeded our total fixed sales price. We did not allocate the charge to any of our segments.

In the 2015 first quarter, we sold our interest in an International property and received $\$ 27$ million ( $€ 24$ million) in cash.
In the 2015 third quarter, our equity method investment in an entity that owns two hotels was redeemed. We received $\$ 42$ million in cash, which was our basis in the investment, and included the proceeds in the "Other" caption of our Investing Activities section of our Consolidated Statements of Cash Flows.

In the 2015 fourth quarter, we sold an International property and received $\$ 62$ million in cash. We recorded a loss of $\$ 11$ million in the "Gains and other income, net" caption of our Income Statements.

At year-end 2015, we held $\$ 78$ million of assets classified as "Assets held for sale" and $\$ 3$ million of liabilities associated with those assets, which we recorded under "Accrued expenses and other" on our Balance Sheets. We determined that the carrying values of those assets exceeded their fair values, which we estimated using a market approach and Level 3 inputs. Consequently, we recorded charges for the expected disposal loss, which represents the amount by which the carrying values, including any goodwill we must allocate, exceeds the fair values, less our anticipated cost to sell. We classified assets as held for sale and associated liabilities that relate to the following:

- $\$ 47$ million in assets and $\$ 1$ million in liabilities for a North American Limited-Service segment plot of land. During the 2015 second quarter, we determined that achieving certain milestones outlined in a signed purchase and sale agreement was likely, and we recorded a $\$ 4$ million expected loss in the "Gains and other income, net" caption of our Income Statements.
- $\$ 31$ million in assets and $\$ 2$ million in liabilities for The Miami Beach EDITION residences (the "residences"). During the 2015 first quarter, we recorded a $\$ 6$ million charge, which we did not allocate to any of our segments, following a review of comparable property values. We classified the residences charge in the "Depreciation, amortization, and other" caption of our Income Statements because it was part of a larger mixed-use project for which we had recorded similar charges in prior periods. During 2015, we sold five residences and received $\$ 20$ million in cash.


## 4. MERGER-RELATED COSTS AND CHARGES

The following table presents pre-tax merger-related costs and other charges that we incurred in connection with the Starwood Combination.

| (\$ in millions) | 2016 |  | 2015 |  |
| :---: | :---: | :---: | :---: | :---: |
| Merger-related costs and charges |  |  |  |  |
| Transaction costs | \$ | 53 | \$ | - |
| Employee termination costs |  | 241 |  | - |
| Integration costs |  | 92 |  | - |
|  |  | 386 |  | - |
| Interest expense |  | 22 |  | - |
|  | \$ | 408 | \$ | - |

Transaction costs represent costs related to the planning and execution of the Starwood Combination, primarily for financial advisory, legal, and other professional service fees. Employee termination costs represent employee severance, retention, and other termination benefits. Integration costs primarily represent integration employee salaries and share-based compensation, change management and legal consultants, and technology-related costs. Merger-related interest expense reflects costs that we incurred for a bridge term loan facility commitment and incremental interest expense for debt incurred before the Merger Date related to the Starwood Combination.

In connection with the Starwood Combination, we initiated a restructuring program to achieve cost synergies from our combined operations. We did not allocate costs associated with our restructuring program to any of our business segments. The following table presents our restructuring reserve activity during 2016:

| ( in millions) | Employee <br> termination costs |
| :--- | ---: |
| Balance at year-end 2015 | $\$$ <br> Charges |
| Cash payments | 283 |
| Adjustments ${ }^{(1)}$ | $(64)$ |
| Balance at year-end 2016, classified in "Accrued expenses and other" | $(27)$ |

(1) Adjustments primarily reflect the reversal of charges for certain employees who accepted other positions at the Company or resigned and the impact of cumulative translation adjustments.

## 5. EARNINGS PER SHARE

The table below illustrates the reconciliation of the earnings and number of shares used in our calculations of basic and diluted earnings per share:

| (in millions, except per share amounts) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Computation of Basic Earnings Per Share |  |  |  |  |  |  |
| Net income | \$ | 780 | \$ | 859 | \$ | 753 |
| Shares for basic earnings per share |  | 290.9 |  | 267.3 |  | 289.9 |
| Basic earnings per share | \$ | 2.68 | \$ | 3.22 | \$ | 2.60 |
| Computation of Diluted Earnings Per Share |  |  |  |  |  |  |
| Net income | \$ | 780 | \$ | 859 | \$ | 753 |
| Shares for basic earnings per share |  | 290.9 |  | 267.3 |  | 289.9 |
| Effect of dilutive securities |  |  |  |  |  |  |
| Share-based compensation |  | 4.8 |  | 5.5 |  | 6.9 |
| Shares for diluted earnings per share |  | 295.7 |  | 272.8 |  | 296.8 |
| Diluted earnings per share | \$ | 2.64 | \$ | 3.15 | \$ | 2.54 |

We compute the effect of dilutive securities using the treasury stock method and average market prices during the period. We excluded the following antidilutive stock options and stock appreciation rights in our calculation of diluted earnings per share because their exercise prices were greater than the average market prices for the applicable periods: 0.3 million for 2016, 0.2 million for 2015 , and zero for 2014.

## 6. SHARE-BASED COMPENSATION

Under our Stock and Cash Incentive Plan (the "Stock Plan"), we award: (1) stock options (our "Stock Option Program") to purchase our Class A Common Stock ("common stock"); (2) stock appreciation rights ("SARs") for our common stock (our "SAR Program"); (3) restricted stock units ("RSUs") of our common stock; and (4) deferred stock units. We also issue performance-based RSUs ("PSUs") to named executive officers and some of their direct reports under the Stock Plan. We grant awards at exercise prices or strike prices that equal the market price of our common stock on the date of grant.

In the Starwood Combination, we assumed Starwood's 2013 Long-Term Incentive Compensation Plan ("Starwood LTIP") and equity awards outstanding under the Starwood LTIP and other Starwood equity plans. On the Merger Date, we converted outstanding Starwood equity awards to equity awards for Marriott common stock. Those awards generally vest over three years in equal annual installments, subject to a prorated adjustment for employees who are terminated under certain circumstances or who retire or vest immediately upon a qualifying termination of employment following a change in control of Starwood to the extent set forth in the award agreements.

We recorded share-based compensation expense of $\$ 212$ million in 2016, $\$ 113$ million in 2015, and $\$ 109$ million in 2014. Deferred compensation costs for unvested awards totaled $\$ 192$ million at year-end 2016 (including $\$ 42$ million related to awards assumed in the Starwood Combination) and $\$ 116$ million at year-end 2015. As of year-end 2016, we expect to recognize these deferred compensation expenses over a weighted average period of two years.

We present the tax benefits and costs resulting from the exercise or vesting of share-based awards as financing cash flows. The exercise of share-based awards resulted in tax benefits of $\$ 32$ million in 2016, $\$ 34$ million in 2015, and $\$ 92$ million in 2014.

We received cash from the exercise of stock options of \$2 million in 2016, \$6 million in 2015, and \$86 million in 2014.

## RSUs and PSUs

We granted 2.8 million RSUs in 2016 to certain officers, key employees, and non-employee directors, and those units vest generally over four years in equal annual installments commencing one year after the grant date. We recognize compensation expense for RSUs over the service period equal to the fair market value of the stock units on the date of issuance. Upon vesting, RSUs convert to shares of our common stock which we distribute from treasury shares. We granted 0.2 million PSUs in 2016 to certain executive officers, subject to continued employment and the satisfaction of certain performance conditions based on achievement of pre-established targets for Adjusted EBITDA, RevPAR Index, room openings, and/or net administrative expense over, or at the end of, a three-year performance period. We also granted 0.5 million PSUs in 2016 to certain senior leaders and members of the Company's integration team that, subject to continued employment, vest based upon achievement of pre-established targets related to the Starwood Combination over, or at the end of, a three-year performance period.

We had deferred compensation costs for RSUs of approximately $\$ 188$ million at year-end 2016 and $\$ 112$ million at yearend 2015. The weighted average remaining term for RSU grants outstanding at year-end 2016 was two years.

The following table provides additional information on RSUs for the last three fiscal years:

|  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Share-based compensation expense (in millions) | \$ | 204 | \$ | 103 | \$ | 98 |
| Weighted average grant-date fair value (per RSU) | \$ | 66 | \$ | 78 | \$ | 52 |
| Aggregate intrinsic value of distributed RSUs (in millions) | \$ | 190 | \$ | 195 | \$ | 144 |

The following table presents the changes in our outstanding RSU grants during 2016 and the associated weighted average grant-date fair values:

|  | Number of RSUs (in millions) | Weighted Average Grant-Date Fair Value (per RSU) |  |
| :---: | :---: | :---: | :---: |
| Outstanding at year-end 2015 | 4.9 | \$ | 53 |
| Granted ${ }^{(1)}$ | 2.8 |  | 63 |
| Issued in the Starwood Combination | 2.7 |  | 68 |
| Distributed | (2.9) |  | 50 |
| Forfeited | (0.1) |  | 62 |
| Outstanding at year-end 2016 | 7.4 | \$ | 61 |

(1) Includes 0.7 million PSUs.

SARs
We may grant SARs to officers and key employees ("Employee SARs") at exercise prices or strike prices equal to the market price of our common stock on the grant date. Employee SARs expire ten years after the grant date and both vest and may be exercised in cumulative installments of one quarter at the end of each of the first four years following the grant date. We may grant SARs to directors ("Director SARs") at exercise prices or strike prices equal to the market price of our common stock on the grant date. Director SARs generally expire ten years after the date of grant and vest upon grant; however, they are generally not exercisable until one year after grant. On exercise of SARs, holders receive the number of shares of our common stock equal to the number of SARs that are being exercised multiplied by the quotient of (a) the stock price on the date of exercise minus the exercise price, divided by (b) the stock price on the date of exercise.

We recognized compensation expense for Employee SARs and Director SARs of $\$ 8$ million in 2016, $\$ 7$ million in 2015, and $\$ 8$ million in 2014. We had deferred compensation costs related to SARs of approximately $\$ 4$ million in 2016 and $\$ 3$ million in 2015. Upon the exercise of SARs, we issue shares from treasury shares.

The following table presents the changes in our outstanding SARs during 2016 and the associated weighted average exercise prices:

|  | Number of SARs (in millions) | Weighted Average Exercise Price |  |
| :---: | :---: | :---: | :---: |
| Outstanding at year-end 2015 | 5.6 | \$ | 36 |
| Granted | 0.4 |  | 67 |
| Exercised | (1.4) |  | 30 |
| Outstanding at year-end 2016 | 4.6 | \$ | 40 |

The following tables show the number of Employee SARs and Director SARs we granted in the last three fiscal years, the associated weighted average exercise prices, and the associated weighted average grant-date fair values:


Outstanding SARs had total intrinsic values of \$196 million at year-end 2016 and $\$ 232$ million at year-end 2015. Exercisable SARs had total intrinsic values of $\$ 179$ million at year-end 2016 and $\$ 209$ million at year-end 2015. SARs exercised during 2016 had total intrinsic values of $\$ 58$ million, and SARs exercised in 2015 had total intrinsic values of $\$ 23$ million.

We used the following assumptions to determine the fair value of the SARs we granted to employees and non-employee directors in 2016, 2015, and 2014:

|  | $\mathbf{2 0 1 6}$ |  |  | $\mathbf{2 0 1 5}$ |
| :--- | ---: | ---: | ---: | ---: |
|  |  | $30 \%$ | $30 \%$ | $29-30 \%$ |
| Expected volatility | $30 \%$ | $1.04 \%$ |  |  |
| Dividend yield | $1.33 \%$ | $1.14 \%$ |  |  |
| Risk-free rate | $1.7-2.4 \%$ | $1.9-2.3 \%$ | $2.2-2.8 \%$ |  |
| Expected term (in years) | $8-10$ | $6-10$ | $6-10$ |  |

In making these assumptions, we base expected volatility on the historical movement of the Company's stock price. We base risk-free rates on the corresponding U.S. Treasury spot rates for the expected duration at the date of grant, which we convert to a continuously compounded rate. The dividend yield assumption takes into consideration both historical levels and expectations of future dividend payout. The weighted average expected terms for SARs are an output of our valuation model which utilizes historical data in estimating the period of time that the SARs are expected to remain unexercised. We calculate the expected terms for SARs for separate groups of retirement eligible and non-retirement eligible employees and nonemployee directors. Our valuation model also uses historical data to estimate exercise behaviors, which includes determining the likelihood that employees will exercise their SARs before expiration at a certain multiple of stock price to exercise price. In recent years, non-employee directors have generally exercised grants in their last year of exercisability.

## Other Information

At year-end 2016, we had 35 million remaining shares authorized under the Stock Plan and Starwood LTIP.

## 7. INCOME TAXES

The components of our earnings before income taxes for the last three fiscal years consisted of:

| (\$ in millions) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| U.S. | \$ | 813 | \$ | 896 | \$ | 808 |
| Non-U.S. |  | 371 |  | 359 |  | 280 |
|  | \$ | 1,184 | \$ | 1,255 | \$ | 1,088 |

Our provision for income taxes for the last three fiscal years consists of:

| (\$ in millions) |  | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Current | -U.S. Federal | \$ | (203) | \$ | (167) | \$ | (224) |
|  | -U.S. State |  | (41) |  | (40) |  | (43) |
|  | -Non-U.S. |  | (56) |  | (50) |  | (47) |
|  |  |  | (300) |  | (257) |  | (314) |
| Deferred | -U.S. Federal |  | (61) |  | (131) |  | (21) |
|  | -U.S. State |  | (14) |  | (7) |  | (5) |
|  | -Non-U.S. |  | (29) |  | (1) |  | 5 |
|  |  |  | (104) |  | (139) |  | (21) |
|  |  | \$ | (404) | \$ | (396) | \$ | (335) |

Our current tax provision does not reflect the following benefits attributable to us for the vesting or exercise of employee share-based awards: $\$ 32$ million in 2016, $\$ 34$ million in 2015 , and $\$ 89$ million in 2014 . The preceding table includes tax credits of $\$ 4$ million in 2016, $\$ 4$ million in 2015, and $\$ 4$ million in 2014 . We had tax applicable to other comprehensive income of $\$ 3$ million in 2016, $\$ 2$ million in 2015, and $\$ 5$ million in 2014.

We have made no provision for U.S. income taxes or additional non-U.S. taxes on the cumulative unremitted earnings of non-U.S. subsidiaries ( $\$ 3,950$ million as of year-end 2016). We consider the earnings for substantially all non-U.S. subsidiaries to be indefinitely reinvested. These earnings could become subject to additional taxes if the non-U.S. subsidiaries dividend or loan those earnings to a U.S. affiliate or if we sell our interests in the non-U.S. subsidiaries. We cannot practically estimate the amount of additional taxes that might be payable on the unremitted earnings.

## Unrecognized Tax Benefits

The following table reconciles our unrecognized tax benefit balance for each year from the beginning of 2014 to the end of 2016:

| (\$ in millions) | Amount |  |
| :---: | :---: | :---: |
| Unrecognized tax benefit at beginning of 2014 | \$ | 34 |
| Change attributable to tax positions taken during the current period |  | 3 |
| Decrease attributable to settlements with taxing authorities |  | (27) |
| Decrease attributable to lapse of statute of limitations |  | - |
| Unrecognized tax benefit at year-end 2014 |  | 10 |
| Change attributable to tax positions taken during the current period |  | 15 |
| Decrease attributable to settlements with taxing authorities |  | - |
| Decrease attributable to lapse of statute of limitations |  | (1) |
| Unrecognized tax benefit at year-end 2015 |  | 24 |
| Additions from Starwood Combination |  | 387 |
| Change attributable to tax positions taken in prior years |  | (3) |
| Change attributable to tax positions taken during the current period |  | 16 |
| Decrease attributable to settlements with taxing authorities |  | (2) |
| Decrease attributable to lapse of statute of limitations |  | (1) |
| Unrecognized tax benefit at year-end 2016 | \$ | 421 |

These unrecognized tax benefits reflect the following year-over-year changes: (1) a $\$ 397$ million increase in 2016, largely attributable to Legacy-Starwood unrecognized tax benefits assumed in the Starwood Combination; (2) a $\$ 14$ million increase in 2015 , largely attributable to a U.S. federal tax issue regarding transfer pricing; and (3) a $\$ 24$ million decrease in 2014, largely attributable to the favorable settlements reached with taxing authorities on both federal and international positions taken in prior years.

Our unrecognized tax benefit balances included $\$ 288$ million at year-end 2016, $\$ 15$ million at year-end 2015, and $\$ 7$ million at year-end 2014 of tax positions that, if recognized, would impact our effective tax rate. It is reasonably possible that we will settle $\$ 73$ million of unrecognized tax benefits within the next twelve months. This includes $\$ 59$ million of U.S. federal issues that are currently in appeals, $\$ 11$ million of state and non-U.S. audits expected to be resolved in 2017, and $\$ 3$ million related to issues for which statutes of limitations will expire in 2017. We recognize accrued interest and penalties for our unrecognized tax benefits as a component of tax expense. Related interest totaled $\$ 8$ million in 2016, $\$ 3$ million in 2015, and $\$ 2$ million in 2014.

We file income tax returns, including returns for our subsidiaries, in various jurisdictions around the world. The U.S. Internal Revenue Service ("IRS") has examined our federal income tax returns, and we have settled all issues for tax years through 2013 for Marriott and through 2006 for Starwood. Our Marriott 2014 and 2015 tax year audits are substantially complete, and our Marriott 2016 tax year audit is currently ongoing. Starwood is currently under audit by the IRS for years 2010 through 2012 and in appeals for years 2007 through 2009. Various foreign, state, and local income tax returns are also under examination by the applicable taxing authorities.

## Deferred Income Taxes

Deferred income tax balances reflect the effects of temporary differences between the carrying amounts of assets and liabilities and their tax bases, as well as from net operating loss and tax credit carry-forwards. We state those balances at the enacted tax rates we expect will be in effect when we actually pay or recover the taxes. Deferred income tax assets represent amounts available to reduce income taxes we will pay on taxable income in future years. We evaluate our ability to realize these future tax deductions and credits by assessing whether we expect to have sufficient future taxable income from all sources, including reversal of taxable temporary differences, forecasted operating earnings, and available tax planning strategies to utilize these future deductions and credits. We establish a valuation allowance when we no longer consider it more likely than not that a deferred tax asset will be realized.

The following table presents the tax effect of each type of temporary difference and carry-forward that gave rise to a significant portion of our deferred tax assets and liabilities as of year-end 2016 and year-end 2015:

| (\$ in millions) | $\begin{aligned} & \text { At Year-End } \\ & 2016 \end{aligned}$ |  | $\begin{aligned} & \text { At Year-End } \\ & 2015 \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Employee benefits | \$ | 430 | \$ | 348 |
| Net operating loss carry-forwards |  | 320 |  | 205 |
| Accrued expenses and other reserves |  | 204 |  | 63 |
| Receivables, net |  | 134 |  | 11 |
| Tax credits |  | 79 |  | 111 |
| Frequent guest program |  | 42 |  | 68 |
| Deferred income |  | 20 |  | 21 |
| Self-insurance |  | 15 |  | 21 |
| Joint venture interests |  | (8) |  | (49) |
| Property and equipment |  | (199) |  | (3) |
| Intangibles |  | $(1,724)$ |  | (11) |
| Other, net |  | 32 |  | 34 |
| Deferred taxes |  | (655) |  | 819 |
| Less: valuation allowance |  | (249) |  | (163) |
| Net deferred taxes | \$ | (904) | \$ | 656 |

During 2016, the valuation allowance increased primarily due to the Starwood Combination. The valuation allowance is attributable to non-U.S. and U.S. state net operating loss carry forwards.

At year-end 2016, we had approximately $\$ 65$ million of tax credits that expire through 2036 and $\$ 13$ million of tax credits that do not expire. We recorded $\$ 5$ million of net operating loss benefits in 2016 and $\$ 5$ million in 2015. At year-end 2016, we had approximately $\$ 2,152$ million of primarily state and foreign net operating losses, of which $\$ 1,243$ million expire through 2036.

## Reconciliation of U.S. Federal Statutory Income Tax Rate to Actual Income Tax Rate

The following table reconciles the U.S. statutory tax rate to our effective income tax rate for the last three fiscal years:

|  | 2016 | 2015 | 2014 |
| :---: | :---: | :---: | :---: |
| U.S. statutory tax rate | 35.0\% | 35.0\% | 35.0\% |
| U.S. state income taxes, net of U.S. federal tax benefit | 2.9 | 2.9 | 2.7 |
| Non-U.S. income ${ }^{(1)}$ | (6.8) | (5.2) | (4.8) |
| Change in valuation allowance | 0.3 | 1.2 | (0.4) |
| Tax credits | (0.4) | (0.3) | (0.3) |
| Other, net | 3.1 | (2.1) | (1.4) |
| Effective rate | 34.1\% | 31.5\% | 30.8\% |

(1) Includes differences between U.S. and foreign statutory rates as well as tax incentives and tax-exempt income from operations in certain foreign jurisdictions, which we consider to be equivalent to a reduction of the statutory tax rates in these jurisdictions.

We paid cash for income taxes, net of refunds of $\$ 293$ million in 2016, $\$ 218$ million in 2015, and $\$ 172$ million in 2014.

## 8. COMMITMENTS AND CONTINGENCIES

## Guarantees

We issue guarantees to certain lenders and hotel owners, chiefly to obtain long-term management contracts. The guarantees generally have a stated maximum funding amount and a term of three to ten years. The terms of guarantees to lenders generally require us to fund if cash flows from hotel operations are inadequate to cover annual debt service or to repay the loan at maturity. The terms of the guarantees to hotel owners generally require us to fund if the hotels do not attain specified levels of operating profit. Guarantee fundings to lenders and hotel owners are generally recoverable out of future hotel cash flows and/or proceeds from the sale of hotels. We also enter into project completion guarantees with certain lenders in conjunction with hotels that we or our joint venture partners are building.

We present the maximum potential amount of our future guarantee fundings and the carrying amount of our liability for guarantees for which we are the primary obligor at year-end 2016 in the following table:

| (\$ in millions) Guarantee Type | Maximum Potential Amount of Future Fundings |  | Recorded Liability for Guarantees |  |
| :---: | :---: | :---: | :---: | :---: |
| Debt service | \$ | 155 | \$ | 24 |
| Operating profit |  | 119 |  | 40 |
| Other |  | 8 |  | 2 |
| Total guarantees where we are the primary obligor | \$ | 282 | \$ | 66 |

Our liability at year-end 2016 for guarantees for which we are the primary obligor is reflected in our Balance Sheets as $\$ 12$ million of "Accrued expenses and other" and \$54 million of "Other noncurrent liabilities."

Our guarantees listed in the preceding table include $\$ 14$ million of debt service guarantees and $\$ 51$ million of operating profit guarantees that will not be in effect until the underlying properties open and we begin to operate the properties or certain other events occur.

The table above does not include a "contingent purchase obligation," which is not currently in effect, that we entered into in the 2014 first quarter to provide credit support to lenders for a construction loan. We entered into that agreement in conjunction with signing a management agreement for The Times Square EDITION hotel in New York City (currently projected to open in 2017), and the hotel's ownership group obtaining acquisition financing and entering into agreements concerning future construction financing for the mixed use project (which includes both the hotel and adjacent retail space). Under the agreement, we granted the lenders the right, upon an uncured event of default by the hotel owner under, and an acceleration of, the mortgage loan, to require us to purchase the hotel component of the property for $\$ 315$ million during the first two years after opening (the "put option"). Because we would acquire the building upon exercise of the put option, we have not included the amount in the table above. The lenders may extend the period during which the put option is exercisable for up to three years to complete foreclosure if the loan has been accelerated and certain other conditions are met. We do not currently expect that the lenders will require us to purchase the hotel component. We have no ownership interest in this hotel.

In conjunction with financing obtained for specific projects or properties owned by us or joint ventures in which we are a party, we may provide industry standard indemnifications to the lender for loss, liability, or damage occurring as a result of the actions of the other joint venture owner or our own actions.

## Commitments

At year-end 2016, we had the following commitments outstanding, which are not recorded on our Balance Sheets:

- We have a right and, under certain circumstances, an obligation to acquire our joint venture partner's remaining interests in two joint ventures over the next five years at a price based on the performance of the ventures. In conjunction with this contingent obligation, we advanced $\$ 20$ million ( $€ 15$ million) in deposits, $\$ 12$ million ( $€ 11$ million) of which are remaining. The amounts on deposit are refundable to the extent that we do not acquire our joint venture partner's remaining interests.
- Various loan commitments totaling $\$ 126$ million, of which we expect to fund $\$ 86$ million in 2017, $\$ 7$ million in 2018, and $\$ 9$ million thereafter. We do not expect to fund the remaining $\$ 24$ million of these commitments.
- Various commitments to purchase information technology hardware, software, accounting, finance, and maintenance services in the normal course of business, primarily for programs and services for which we are reimbursed by third-party owners, totaling $\$ 470$ million. We expect to purchase goods and services subject to these commitments as follows: $\$ 186$ million in 2017, $\$ 136$ million in 2018, $\$ 106$ million in 2019, and $\$ 42$ million thereafter. These purchase commitments include $\$ 302$ million of Legacy-Starwood commitments. We are evaluating the contractual nature of such commitments, and the amounts shown above could change as a result of that evaluation.
- Several commitments aggregating $\$ 46$ million, which we do not expect to fund.


## Letters of Credit

At year-end 2016, we had $\$ 157$ million of letters of credit outstanding (all outside the Credit Facility, as defined in Footnote 11 "Long-Term Debt"), the majority of which were for our self-insurance programs. Surety bonds issued as of yearend 2016, totaled $\$ 149$ million, the majority of which state governments requested in connection with our self-insurance programs.

## Legal Proceedings

In November 2015, Starwood announced a malware intrusion had affected point of sale systems at various outlets within certain Legacy-Starwood branded hotels. This resulted in the potential compromise of credit card data and associated personal information. The affected credit card companies are evaluating whether and to what extent financial penalties should be imposed. In addition, a putative class action arising from the malware intrusion was filed against Starwood on January 5, 2016 in the United States District Court for the Southern District of California. The named plaintiff, Paul Dugas, does not specify any damages sought. Starwood initially filed a motion to dismiss that was granted in part and denied in part in November 2016. The plaintiff filed an amended complaint in December 2016, and we are evaluating how to respond.

On May 10, 2016, the owners of the Sheraton Grand Chicago and the Westin Times Square, New York, filed suit in the Supreme Court of New York against Starwood and Marriott seeking to enjoin the merger of the two companies. The complaint alleges violations of the territorial restrictions contained in the management agreements for those two hotels arising as a result of the merger of Marriott and Starwood. While the attempt to enjoin the merger ultimately failed, the underlying suit continues as a breach of contract claim, and plaintiffs seek, among other remedies, monetary damages relating to the alleged violations.

We do not expect either proceeding to have a significant impact on our consolidated results of operations as they both relate to matters existing as of the Merger Date.

## Other Contingencies

See a description of certain contingencies relating to the Starwood Combination in Footnote 3 "Acquisitions and Dispositions."

## 9. LEASES

The following table presents our future minimum lease obligations, including leases that we assumed in the Starwood Combination, for which we are the primary obligor as of year-end 2016:

| (\$ in millions) | Operating Leases |  | Capital Leases |  |
| :---: | :---: | :---: | :---: | :---: |
| 2017 | \$ | 183 | \$ | 13 |
| 2018 |  | 173 |  | 13 |
| 2019 |  | 152 |  | 13 |
| 2020 |  | 130 |  | 13 |
| 2021 |  | 121 |  | 13 |
| Thereafter |  | 983 |  | 191 |
| Total minimum lease payments where we are the primary obligor | \$ | 1,742 | \$ | 256 |
| Less: amount representing interest |  |  |  | 83 |
| Present value of minimum lease payments |  |  | \$ | 173 |

Most leases have initial terms of up to 20 years, contain one or more renewals at our option, generally for five- or 10-year periods, and generally contain fixed and variable components. The variable components of leases of land or building facilities are primarily based on operating performance of the leased property.

The following table details the composition of rent expense for operating leases for the last three years:

| (\$ in millions) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Minimum rentals | \$ | 150 | \$ | 138 | \$ | 143 |
| Additional rentals |  | 67 |  | 65 |  | 64 |
|  | \$ | 217 | \$ | 203 | \$ | 207 |

## 10. SELF-INSURANCE RESERVE FOR LOSSES AND LOSS ADJUSTMENT EXPENSES

The following table summarizes the activity in our self-insurance reserve for losses and loss adjustment expenses as of year-end 2016 and 2015:

| (\$ in millions) | 2016 |  | 2015 |  |
| :---: | :---: | :---: | :---: | :---: |
| Balance at beginning of year | \$ | 416 | \$ | 384 |
| Less: reinsurance recoverable |  | (3) |  | (4) |
| Net balance at beginning of year |  | 413 |  | 380 |
| Assumed in the Starwood Combination |  | 91 |  | - |
| Incurred related to: |  |  |  |  |
| Current year |  | 140 |  | 141 |
| Prior years |  | (20) |  | (11) |
| Total incurred |  | 120 |  | 130 |
| Paid related to: |  |  |  |  |
| Current year |  | (26) |  | (27) |
| Prior years |  | (79) |  | (70) |
| Total paid |  | (105) |  | (97) |
| Net balance at end of year |  | 519 |  | 413 |
| Add: reinsurance recoverable |  | 3 |  | 3 |
| Balance at end of year | \$ | 522 | \$ | 416 |
|  |  |  |  |  |
| Current portion classified in "Accrued expenses and other" | \$ | 142 | \$ | 115 |
| Noncurrent portion classified in "Other noncurrent liabilities" |  | 380 |  | 301 |
|  | \$ | 522 | \$ | 416 |

We decreased our provision for incurred losses for prior years by $\$ 20$ million in 2016 and by $\$ 11$ million in 2015 as a result of changes in estimates from insured events from prior years due to changes in underwriting experience and frequency and severity trends.

## 11. LONG-TERM DEBT

We provide detail on our long-term debt balances, net of discounts, premiums, and debt issuance costs, in the following table at year-end 2016 and 2015:

| (\$ in millions) | $\begin{aligned} & \text { At Year-End } \\ & 2016 \end{aligned}$ |  | $\begin{aligned} & \text { At Year-End } \\ & 2015 \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Senior Notes: |  |  |  |  |
| Series H Notes, interest rate of $6.2 \%$, face amount of \$289, maturing June 15, 2016 (effective interest rate of 6.3\%) | \$ | - | \$ | 289 |
| Series I Notes, interest rate of $6.4 \%$, face amount of \$293, maturing June 15, 2017 (effective interest rate of 6.5\%) |  | 293 |  | 293 |
| Series K Notes, interest rate of $3.0 \%$, face amount of \$600, maturing March 1, 2019 (effective interest rate of 4.4\%) |  | 597 |  | 595 |
| Series L Notes, interest rate of 3.3\%, face amount of \$350, maturing September 15, 2022 (effective interest rate of 3.4\%) |  | 348 |  | 348 |
| Series M Notes, interest rate of $3.4 \%$, face amount of \$350, maturing October 15, 2020 (effective interest rate of 3.6\%) |  | 347 |  | 347 |
| Series N Notes, interest rate of $3.1 \%$, face amount of \$400, maturing October 15, 2021 (effective interest rate of 3.4\%) |  | 396 |  | 395 |
| Series O Notes, interest rate of $2.9 \%$, face amount of \$450, maturing March 1, 2021 (effective interest rate of $3.1 \%$ ) |  | 446 |  | 446 |
| Series P Notes, interest rate of $3.8 \%$, face amount of $\$ 350$, maturing October 1, 2025 (effective interest rate of 4.0\%) |  | 344 |  | 343 |
| Series Q Notes, interest rate of $2.3 \%$, face amount of \$750, maturing January 15, 2022 (effective interest rate of $2.5 \%$ ) |  | 742 |  | - |
| Series R Notes, interest rate of $3.1 \%$, face amount of \$750, maturing June 15, 2026 (effective interest rate of 3.3\%) |  | 742 |  | - |
| Series S Notes, interest rate of $6.8 \%$, face amount of $\$ 324$, maturing May 15, 2018 (effective interest rate of 1.7\%) |  | 346 |  | - |
| Series T Notes, interest rate of $7.2 \%$, face amount of \$181, maturing December 1, 2019 (effective interest rate of $2.3 \%$ ) |  | 206 |  | - |
| Series U Notes, interest rate of $3.1 \%$, face amount of \$291, maturing February 15, 2023 (effective interest rate of 3.1\%) |  | 291 |  | - |
| Series V Notes, interest rate of $3.8 \%$, face amount of \$318, maturing March 15, 2025 (effective interest rate of 2.8\%) |  | 340 |  | - |
| Series W Notes, interest rate of $4.5 \%$, face amount of \$278, maturing October 1, 2034 (effective interest rate of 4.1\%) |  | 293 |  | - |
| Commercial paper |  | 2,311 |  | 938 |
| Credit Facility |  | - |  | - |
| Capital lease obligations |  | 173 |  | 5 |
| Other |  | 291 |  | 108 |
|  | \$ | 8,506 | \$ | 4,107 |
| Less: Current portion of long-term debt |  | (309) |  | (300) |
|  | \$ | 8,197 | \$ | 3,807 |

All of our long-term debt is recourse to us but unsecured. We paid cash for interest, net of amounts capitalized, of $\$ 165$ million in 2016, $\$ 114$ million in 2015, and $\$ 79$ million in 2014. All of the Senior Notes shown in the table above are our unsecured and unsubordinated obligations, which rank equally with our other Senior Notes and all other unsecured and unsubordinated indebtedness that we have issued or will issue from time to time, and are governed by the terms of an indenture, dated as of November 16, 1998, between us and The Bank of New York Mellon (formerly The Bank of New York), as trustee. We may redeem some or all of each series of the Senior Notes before maturity under the terms provided in the applicable form of Senior Note.

In the 2016 fourth quarter, we completed debt exchange offers to exchange all validly tendered and not validly withdrawn outstanding senior notes previously issued by Starwood for new notes issued by us. In exchange for the validly tendered and accepted Starwood notes, we issued the Series S Notes through Series W Notes shown in the table above. At year-end 2016, $\$ 165$ million aggregate principal amount of Starwood's previously issued notes remained outstanding across five series, which we include in the "Other" caption in the above table. In connection with the exchange offers, we also obtained consent from the requisite holders of each series of Starwood's previously issued notes to amend the indentures governing those notes to, among other things, eliminate substantially all of the restrictive covenants, change of control provisions, requirements that Starwood had been required to meet to consolidate, merge, or sell all or substantially all of its assets, and certain events of default. As a result of those consents, those restrictions and events of default no longer apply to the Starwood notes that remain outstanding.

In the 2016 second quarter, we issued $\$ 1,500$ million aggregate principal amount of the Series Q Notes and Series R Notes shown in the table above. We received net proceeds of approximately $\$ 1,485$ million from the offering of the Series Q Notes and Series R Notes, after deducting the underwriting discount and estimated expenses. We used these proceeds, together with borrowings under our Credit Facility, as defined below, to finance the cash component of the consideration paid to Starwood shareholders and certain fees and expenses we incurred in connection with the Starwood Combination.

In the 2015 third quarter, we issued $\$ 800$ million aggregate principal amount of the Series O Notes and Series P Notes shown in the table above. We received net proceeds of approximately $\$ 790$ million from the offering of the Series O and Series P Notes, after deducting the underwriting discount and expenses. We use these proceeds for general corporate purposes, including working capital, capital expenditures, stock repurchases, or repayment of commercial paper or other borrowings as they became due.

We are party to a multicurrency revolving credit agreement (the "Credit Facility") that provides for up to $\$ 4,000$ million of aggregate effective borrowings to support our commercial paper program and general corporate needs, including working capital, capital expenditures, share repurchases, letters of credit, and acquisitions. In addition, we used borrowings under the Credit Facility, all of which we later repaid, to finance part of the cash component of the consideration we paid to Starwood shareholders and certain fees and expenses we incurred in connection with the Starwood Combination. Borrowings under the Credit Facility generally bear interest at LIBOR (the London Interbank Offered Rate) plus a spread, based on our public debt rating. We also pay quarterly fees on the Credit Facility at a rate based on our public debt rating. While any outstanding commercial paper borrowings and/or borrowings under our Credit Facility generally have short-term maturities, we classify the outstanding borrowings as long-term based on our ability and intent to refinance the outstanding borrowings on a long-term basis. The Credit Facility expires on June 10, 2021. See the "Cash Requirements and Our Credit Facilities" caption earlier in this report in the "Liquidity and Capital Resources" section for information on our available borrowing capacity at year-end 2016.

The following table presents future principal payments, net of discounts, premiums, and debt issuance costs, for our debt as of year-end 2016:

| Debt Principal Payments (\$ in millions) | Amount |  |
| :---: | :---: | :---: |
| 2017 | \$ | 309 |
| 2018 |  | 410 |
| 2019 |  | 857 |
| 2020 |  | 364 |
| 2021 |  | 3,171 |
| Thereafter |  | 3,395 |
| Balance at year-end 2016 | \$ | 8,506 |

## 12. PENSION AND OTHER POSTRETIREMENT BENEFITS

We assumed numerous funded and unfunded domestic and international defined benefit pension plans in the Starwood Combination. All defined benefit plans covering U.S. employees are frozen, meaning that employees do not accrue additional benefits. Certain plans covering non-U.S. employees remain active. The majority of participants in the non-U.S. pension plans are employees of managed hotels, for which we are reimbursed for costs related to their benefits.

We also assumed the Starwood Retiree Welfare Program, which provides health care and life insurance benefits for certain eligible retired employees. We fund this plan on a pay-as-you-go basis.

During 2016, we recorded net actuarial gains of $\$ 5$ million, net of tax, in other comprehensive income, primarily due to changes in assumed discount rates.

The following tables show the fair value of plan assets, accumulated benefit obligation, and the funded status of our defined benefit pension and postretirement benefit plans at December 31, 2016:

| (\$ in millions) | Domestic Pension Benefits |  | Foreign <br> Pension Benefits |  | PostretirementBenefits |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Change in Plan Assets |  |  |  |  |  |  |
| Fair value of plan assets at Merger Date | \$ | - | \$ | 278 | \$ | - |
| Actual return on plan assets, net of expenses |  | - |  | (10) |  | - |
| Employer contribution |  | 1 |  | 2 |  | - |
| Effect of foreign exchange rates |  | - |  | (6) |  | - |
| Benefits paid |  | (1) |  | (2) |  | - |
| Fair value of plan assets at year-end | \$ | - | \$ | 262 | \$ | - |
| (\$ in millions) |  |  |  |  |  |  |
| Change in Benefit Obligation |  |  |  |  |  |  |
| Benefit obligations at Merger Date | \$ | 23 | \$ | 251 | \$ | 16 |
| Interest cost |  | - |  | 2 |  | - |
| Actuarial gain |  | (1) |  | (17) |  | (1) |
| Effect of foreign exchange rates |  | - |  | (5) |  | - |
| Benefits paid |  | (1) |  | (2) |  | - |
| Accumulated benefit obligation balance |  | 21 |  | 229 |  | 15 |
| Overfunded (underfunded) status | \$ | (21) | \$ | 33 | \$ | (15) |

We show over- and under-funded amounts in our Balance Sheets as $\$ 40$ million of "Other noncurrent liabilities," $\$ 3$ million of "Accrued expenses and other," and \$40 million of "Other noncurrent assets" at December 31, 2016.

The following table shows the benefit obligations for pension plans with accumulated benefit obligations that exceed the fair value of plan assets:

| (\$ in millions) | Domestic Pension Benefits |  | Foreign <br> Pension Benefits |  | Postretirement Benefits |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Plans with Accumulated Benefit Obligations in excess of Plan Assets |  |  |  |  |  |
| Projected benefit obligation | \$ | 21 | \$ | 7 | $\mathrm{n} / \mathrm{a}$ |
| Accumulated benefit obligation | \$ | 21 | \$ | 7 | n/a |

The weighted average assumptions used to determine benefit obligations at year-end 2016 were as follows:

|  | Domestic <br> Pension Benefits | Foreign Pension Benefits | Postretirement Benefits |
| :---: | :---: | :---: | :---: |
| Discount rate | 3.75\% | 3.54\% | 3.74\% |
| Rate of compensation increase | n/a | 3.02\% | $\mathrm{n} / \mathrm{a}$ |

For measurement purposes at year-end 2016, we assumed a $7 \%$ annual rate of increase in the per capita cost of covered health care benefits for 2017, gradually decreasing to $5 \%$ in 2020. A one-percentage point change in our assumed health care cost trend rates would have less than a $\$ 1$ million effect on the postretirement obligation and a nominal impact on the total of service and interest cost components of the net periodic benefit cost.

Our investment objectives for these pension plans are to minimize asset value volatility and to ensure the assets are sufficient to pay plan benefits. The target asset allocation is $31 \%$ debt securities, $30 \%$ equity securities, and $39 \%$ other. We consider a number of factors in assessing the expected return on plan assets, including current and expected allocation of plan assets, the investment strategy, historical rates of return and our expectations, as well as investment expert expectations, for investment performance over approximately a ten-year period.

The following table presents our fair value hierarchy of the plan assets at year-end 2016:

| (\$ in millions) | Level 1 |  | Level 2 |  | Level 3 |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Assets: |  |  |  |  |  |  |  |  |
| Mutual funds | \$ | 79 | \$ | - | \$ | - | \$ | 79 |
| Collective trusts |  | - |  | 1 |  | 93 |  | 94 |
| Equity index trusts |  | 77 |  | - |  | - |  | 77 |
| Money markets |  | 1 |  | 9 |  | - |  | 10 |
| Bond index funds |  | - |  | 2 |  | - |  | 2 |
|  | \$ | 157 | \$ | 12 | \$ | 93 | \$ | 262 |

The collective trusts assets include investments in insurance contracts, which we valued using significant unobservable inputs, including plan specific data and bond interest rates. We value all other assets using quoted market prices in active markets or other observable inputs.

The following table shows our expected future pension and postretirement benefit plan payments for the next ten years:

| (\$ in millions) | Domestic Pension Benefits |  | Foreign Pension Benefits |  | Postretirement Benefits |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2017 | \$ | 2 | \$ | 15 | \$ | 1 | \$ | 18 |
| 2018 |  | 2 |  | 9 |  | 1 |  | 12 |
| 2019 |  | 2 |  | 10 |  | 1 |  | 13 |
| 2020 |  | 2 |  | 10 |  | 1 |  | 13 |
| 2021 |  | 2 |  | 10 |  | 1 |  | 13 |
| 2022-2026 |  | 7 |  | 54 |  | 5 |  | 66 |

We expect to contribute $\$ 9$ million to the plans during 2017. A significant portion of the contributions relate to the nonU.S. pension plans, for which we are reimbursed by our managed hotels.

## 13. INTANGIBLE ASSETS AND GOODWILL

The following table details the composition of our intangible assets at year-end 2016 and 2015:

| (\$ in millions) | $\begin{aligned} & \text { At Year-End } \\ & 2016 \end{aligned}$ |  | $\begin{aligned} & \text { At Year-End } \\ & 2015 \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Definite-lived Intangible Assets |  |  |  |  |
| Contract acquisition costs and other | \$ | 3,276 | \$ | 1,702 |
| Accumulated amortization |  | (447) |  | (380) |
|  |  | 2,829 |  | 1,322 |
| Indefinite-lived Intangible Brand Assets |  | 6,441 |  | 129 |
|  | \$ | 9,270 | \$ | 1,451 |

We capitalize both direct and incremental costs that we incur to acquire management, franchise, and license agreements. We amortize these costs on a straight-line basis over the initial term of the agreements, ranging from 15 to 30 years. Our amortization expense totaled $\$ 87$ million in 2016, $\$ 65$ million in 2015 , and $\$ 64$ million in 2014 . We estimate that our aggregate amortization expense for each of the next five fiscal years will be as follows: $\$ 152$ million for 2017; $\$ 152$ million for 2018; \$152 million for 2019; \$152 million for 2020; and \$152 million for 2021.

The following table details the carrying amount of our goodwill at year-end 2016 and 2015:

| (\$ in millions) | North American Full-Service Segment |  | North American Limited-Service Segment |  | International |  | Total Goodwill |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year-end 2015 balance: |  |  |  |  |  |  |  |  |
| Goodwill | \$ | 409 | \$ | 125 | \$ | 463 | \$ | 997 |
| Accumulated impairment losses |  | - |  | (54) |  | - |  | (54) |
|  |  | 409 |  | 71 |  | 463 |  | 943 |
| Additions | \$ | 2,500 | \$ | 1,434 | \$ | 2,840 | \$ | 6,774 |
| Foreign currency translation |  | (4) |  | (1) |  | (114) |  | (119) |
| Year-end 2016 balance: |  |  |  |  |  |  |  |  |
| Goodwill | \$ | 2,905 | \$ | 1,558 | \$ | 3,189 | \$ | 7,652 |
| Accumulated impairment losses |  | - |  | (54) |  | - |  | (54) |
|  | \$ | 2,905 | \$ | 1,504 | \$ | 3,189 | \$ | 7,598 |

The table reflects our preliminary estimate of goodwill added as a result of our acquisition of Starwood in 2016. Because we have not yet finalized the fair values of assets acquired and liabilities assumed in the Starwood Combination, the assignment of goodwill to our reporting units may change during the measurement period. See Footnote 3 "Acquisitions and Dispositions" for more information.

## 14. PROPERTY AND EQUIPMENT

The following table presents the composition of our property and equipment balances at year-end 2016 and 2015:

| (\$ in millions) | $\begin{aligned} & \text { At Year-End } \\ & 2016 \end{aligned}$ |  | $\begin{gathered} \text { At Year-End } \\ 2015 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Land | \$ | 654 | \$ | 299 |
| Buildings and leasehold improvements |  | 1,352 |  | 729 |
| Furniture and equipment |  | 1,159 |  | 768 |
| Construction in progress |  | 155 |  | 130 |
|  |  | 3,320 |  | 1,926 |
| Accumulated depreciation |  | (985) |  | (897) |
|  | \$ | 2,335 | \$ | 1,029 |

We record property and equipment at cost, including interest and real estate taxes we incur during development and construction. Interest we capitalized as a cost of property and equipment totaled $\$ 1$ million in 2016, $\$ 9$ million in 2015, and $\$ 33$ million in 2014. We capitalize the cost of improvements that extend the useful life of property and equipment when we incur them. These capitalized costs may include structural costs, equipment, fixtures, floor, and wall coverings. We expense all repair and maintenance costs when we incur them. We compute depreciation using the straight-line method over the estimated useful lives of the assets (generally three to 40 years), and we amortize leasehold improvements over the shorter of the asset life or lease term. Our gross depreciation expense totaled $\$ 157$ million in 2016, $\$ 132$ million in 2015, and $\$ 135$ million in 2014 (of which $\$ 76$ million in 2016, $\$ 58$ million in 2015, and $\$ 51$ million in 2014 we included in reimbursed costs). Fixed assets attributed to operations located outside the United States were $\$ 1,000$ million in 2016 and $\$ 229$ million in 2015.

## 15. NOTES RECEIVABLE

The following table presents the composition of our notes receivable balances (net of reserves and unamortized discounts) at year-end 2016 and 2015:

| (\$ in millions) | $\begin{aligned} & \text { At Year-End } \\ & 2016 \end{aligned}$ |  | $\begin{aligned} & \text { At Year-End } \\ & 2015 \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Senior, mezzanine, and other loans | \$ | 248 | \$ | 221 |
| Less current portion |  | (3) |  | (6) |
|  | \$ | 245 | \$ | 215 |

We did not have any past due notes receivable amounts at the end of either 2016 or 2015. The unamortized discounts for our notes receivable were \$22 million at year-end 2016 and \$31 million at year-end 2015.

The following table presents the expected future principal payments (net of reserves and unamortized discounts) as well as interest rates for our notes receivable as of year-end 2016:

| Notes Receivable Principal Payments (\$ in millions) | Amount |  |
| :--- | ---: | ---: |
| 2017 | $\$$ | 3 |
| 2018 | 77 |  |
| 2019 | 21 |  |
| 2020 |  | 17 |
| 2021 | $\$$ | 48 |
| Thereafter | 82 |  |
| Balance at year-end 2016 | 248 |  |
| Weighted average interest rate at year-end 2016 | $6.9 \%$ |  |
| Range of stated interest rates at year-end 2016 | $0-18 \%$ |  |

At year-end 2016, our recorded investment in impaired senior, mezzanine, and other loans was $\$ 74$ million, and we had a $\$ 57$ million allowance for credit losses, leaving $\$ 17$ million of exposure to our investment in impaired loans. At year-end 2015, our recorded investment in impaired senior, mezzanine, and other loans was $\$ 72$ million, and we had a $\$ 55$ million allowance for credit losses, leaving $\$ 17$ million of exposure to our investment in impaired loans. Our average investment in impaired senior, mezzanine, and other loans totaled $\$ 73$ million during 2016, $\$ 67$ million during 2015, and $\$ 81$ million during 2014.

## 16. FAIR VALUE OF FINANCIAL INSTRUMENTS

We believe that the fair values of our current assets and current liabilities approximate their reported carrying amounts. We present the carrying values and the fair values of noncurrent financial assets and liabilities that qualify as financial instruments, determined under current guidance for disclosures on the fair value of financial instruments, in the following table:

|  | At Year-End 2016 |  |  |  | At Year-End 2015 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (\$ in millions) | Carrying Amount |  | Fair Value |  | Carrying Amount |  | Fair Value |  |
| Senior, mezzanine, and other loans | \$ | 245 | \$ | 231 | \$ | 215 | \$ | 209 |
| Total noncurrent financial assets | \$ | 245 | \$ | 231 | \$ | 215 | \$ | 209 |
|  |  |  |  |  |  |  |  |  |
| Senior Notes | \$ | $(5,438)$ | \$ | $(5,394)$ | \$ | $(2,766)$ | \$ | $(2,826)$ |
| Commercial paper |  | $(2,311)$ |  | $(2,311)$ |  | (938) |  | (938) |
| Other long-term debt |  | (280) |  | (284) |  | (99) |  | (108) |
| Other noncurrent liabilities |  | (59) |  | (59) |  | (63) |  | (63) |
| Total noncurrent financial liabilities | \$ | $(8,088)$ | \$ | $(8,048)$ | \$ | $(3,866)$ | \$ | $(3,935)$ |

We estimate the fair value of our senior, mezzanine, and other loans, including the current portion, by discounting cash flows using risk-adjusted rates, both of which are Level 3 inputs.

We estimate the fair value of our other long-term debt, including the current portion and excluding leases, using expected future payments discounted at risk-adjusted rates, which are Level 3 inputs. We determine the fair value of our Senior Notes using quoted market prices, which are directly observable Level 1 inputs. As noted in Footnote 11 "Long-Term Debt," even though our commercial paper borrowings generally have short-term maturities of 30 days or less, we classify outstanding commercial paper borrowings as long-term based on our ability and intent to refinance them on a long-term basis. As we are a frequent issuer of commercial paper, we use pricing from recent transactions as Level 2 inputs in estimating fair value. At yearend 2016 and year-end 2015, we determined that the carrying value of our commercial paper approximated fair value due to the short maturity. Our other noncurrent liabilities largely consist of guarantees. As we note in the "Guarantees" caption of Footnote 2 "Summary of Significant Accounting Policies," we measure our liability for guarantees at fair value on a nonrecurring basis, which is when we issue or modify a guarantee using Level 3 internally developed inputs. At year-end 2016 and year-end 2015, we determined that the carrying values of our guarantee liabilities approximated their fair values based on Level 3 inputs.

See the "Fair Value Measurements" caption of Footnote 2 "Summary of Significant Accounting Policies" for more information on the input levels we use in determining fair value.

## 17. ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS)

The following table details the accumulated other comprehensive (loss) income activity for 2016, 2015, and 2014:

| (\$ in millions) | Foreign Currency Translation Adjustments |  | Derivative Instrument Adjustments |  | Available-For-Sale Securities Unrealized Adjustments |  | Pension and Postretirement Adjustments |  | $\begin{gathered} \text { Accumulated } \\ \text { Other } \\ \text { Comprehensive } \\ \text { Loss } \\ \hline \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance at year-end 2013 | \$ | (31) | \$ | (19) | \$ | 6 | \$ | - | \$ | (44) |
| Other comprehensive (loss) income before reclassifications ${ }^{(1)}$ |  | (41) |  | 8 |  | 5 |  | - |  | (28) |
| Amounts reclassified from accumulated other comprehensive loss |  | - |  | 2 |  | - |  | - |  | 2 |
| Net other comprehensive (loss) income |  | (41) |  | 10 |  | 5 |  | - |  | (26) |
| Balance at year-end 2014 | \$ | (72) | \$ | (9) | \$ | 11 | \$ | - | \$ | (70) |
| Other comprehensive (loss) income before reclassifications ${ }^{(1)}$ |  | (123) |  | 10 |  | (7) |  | - |  | (120) |
| Amounts reclassified from accumulated other comprehensive loss |  | 3 |  | (9) |  | - |  | - |  | (6) |
| Net other comprehensive (loss) income |  | (120) |  | 1 |  | (7) |  | - |  | (126) |
| Balance at year-end 2015 | \$ | (192) | \$ | (8) | \$ | 4 | \$ | - | \$ | (196) |
| Other comprehensive (loss) income before reclassifications ${ }^{(1)}$ |  | (311) |  | 1 |  | 2 |  | 5 |  | (303) |
| Amounts reclassified from accumulated other comprehensive loss |  | - |  | 2 |  | - |  | - |  | 2 |
| Net other comprehensive (loss) income |  | (311) |  | 3 |  | 2 |  | 5 |  | (301) |
| Balance at year-end 2016 | \$ | (503) | \$ | (5) | \$ | 6 | \$ | 5 | \$ | (497) |

${ }^{(1)}$ Other comprehensive (loss) income before reclassifications for foreign currency translation adjustments includes gains on intra-entity foreign currency transactions that are of a long-term investment nature of $\$ 69$ million for 2016, $\$ 48$ million for 2015, and $\$ 28$ million for 2014.

## 18. BUSINESS SEGMENTS

We are a diversified global lodging company with operations in the following three reportable business segments, which include the following brands at year-end 2016:

- North American Full-Service, which includes our Luxury and Premium brands (JW Marriott, The Ritz-Carlton, W Hotels, The Luxury Collection, St. Regis, EDITION, Marriott Hotels, Sheraton, Westin, Renaissance Hotels, Le Méridien, Autograph Collection Hotels, Delta Hotels, Gaylord Hotels, and Tribute Portfolio) located in the United States and Canada;
- North American Limited-Service, which includes our Select brands (Courtyard, Residence Inn, Fairfield Inn \& Suites, SpringHill Suites, Four Points, TownePlace Suites, Aloft Hotels, AC Hotels by Marriott, Element Hotels, and Moxy Hotels) located in the United States and Canada; and
- International, which includes JW Marriott, The Ritz-Carlton, W Hotels, The Luxury Collection, St. Regis, EDITION, Bulgari Hotels \& Resorts, Marriott Hotels, Sheraton, Westin, Renaissance Hotels, Le Méridien, Autograph Collection Hotels, Marriott Executive Apartments, Tribute Portfolio, Courtyard, Residence Inn, Fairfield Inn \& Suites, Four Points, Aloft Hotels, AC Hotels by Marriott, Protea Hotels, Element Hotels, and Moxy Hotels located outside the United States and Canada.

Our North American Full-Service and North American Limited-Service segments meet the applicable accounting criteria to be reportable business segments. The following four operating segments do not meet the criteria for separate disclosure as reportable business segments: Asia Pacific, Caribbean and Latin America, Europe, and Middle East and Africa, and accordingly, we combined these four operating segments into an "all other" category which we refer to as "International."

We evaluate the performance of our operating segments using "segment profits" which is based largely on the results of the segment without allocating corporate expenses, income taxes, or indirect general, administrative, and other expenses. We assign gains and losses, equity in earnings or losses from our joint ventures, and direct general, administrative, and other
expenses to each of our segments. "Other unallocated corporate" represents a portion of our revenues, general, administrative, and other expenses, equity in earnings or losses, and other gains or losses that we do not allocate to our segments. It also includes license fees we receive from our credit card programs and fees from vacation ownership licensing agreements.

Our President and Chief Executive Officer, who is our "chief operating decision maker" ("CODM"), monitors assets for the consolidated company, but does not use assets by operating segment when assessing performance or making operating segment resource allocations.

## Segment Revenues

| (\$ in millions) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| North American Full-Service segment | \$ | 10,376 | \$ | 8,825 | \$ | 8,323 |
| North American Limited-Service segment |  | 3,561 |  | 3,193 |  | 2,962 |
| International |  | 2,636 |  | 2,200 |  | 2,255 |
| Total segment revenues ${ }^{(1)}$ |  | 16,573 |  | 14,218 |  | 13,540 |
| Other unallocated corporate |  | 499 |  | 268 |  | 256 |
| Total consolidated revenues | \$ | 17,072 | \$ | 14,486 | \$ | 13,796 |

${ }^{(1)}$ Revenues attributed to operations located outside the United States were $\$ 3,181$ million in 2016, $\$ 2,761$ million in 2015, and $\$ 2,518$ million in 2014 .

## Segment Profits

| (\$ in millions) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| North American Full-Service segment | \$ | 777 | \$ | 561 | \$ | 524 |
| North American Limited-Service segment |  | 698 |  | 651 |  | 574 |
| International |  | 407 |  | 292 |  | 295 |
| Total segment profits ${ }^{(1)}$ |  | 1,882 |  | 1,504 |  | 1,393 |
| Other unallocated corporate |  | (499) |  | (111) |  | (220) |
| Interest expense and interest income |  | (199) |  | (138) |  | (85) |
| Income taxes |  | (404) |  | (396) |  | (335) |
|  | \$ | 780 | \$ | 859 | \$ | 753 |

(1) Segment profits attributed to operations located outside the United States were $\$ 462$ million in 2016, $\$ 329$ million in 2015 , and $\$ 327$ million in 2014 . The 2016 segment profits consisted of segment profits of $\$ 176$ million from Asia Pacific, $\$ 105$ million from Europe, $\$ 87$ million from the Caribbean and Latin America, $\$ 55$ million from Canada, and $\$ 39$ million from the Middle East and Africa.

## Depreciation and Amortization

| (\$ in millions) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| North American Full-Service segment | \$ | 67 | \$ | 55 | \$ | 52 |
| North American Limited-Service segment |  | 23 |  | 21 |  | 22 |
| International |  | 57 |  | 40 |  | 42 |
| Total segment depreciation and amortization |  | 147 |  | 116 |  | 116 |
| Other unallocated corporate ${ }^{(1)}$ |  | 21 |  | 23 |  | 32 |
|  | \$ | 168 | \$ | 139 | \$ | 148 |

${ }^{(1)}$ Includes no impairment charges in 2016, $\$ 12$ million in 2015, and $\$ 25$ million in 2014 on EDITION hotels and residences. See Footnote 3 "Acquisitions and Dispositions" for more information.

## Capital Expenditures

| (\$ in millions) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| North American Full-Service segment | \$ | 35 | \$ | 120 | \$ | 251 |
| North American Limited-Service segment |  | 7 |  | 7 |  | 5 |
| International |  | 39 |  | 86 |  | 87 |
| Total segment capital expenditures |  | 81 |  | 213 |  | 343 |
| Other unallocated corporate |  | 118 |  | 92 |  | 68 |
|  | \$ | 199 | \$ | 305 | \$ | 411 |

## 19. RELATED PARTY TRANSACTIONS

## Equity Method Investments

We have equity method investments in entities that own properties for which we provide management and/or franchise services and receive fees. We also have equity method investments in entities that provide management and/or franchise services to hotels and receive fees. In addition, in some cases we provide loans, preferred equity, or guarantees to these entities. Undistributed earnings attributable to our equity method investments represented approximately $\$ 5$ million of our consolidated retained earnings at year-end 2016.

The following tables present financial data resulting from transactions with these related parties:

## Income Statement Data

| (\$ in millions) | 2016 |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Base management fees | \$ | 18 | \$ | 15 | \$ | 17 |
| Incentive management fees |  | 10 |  | 3 |  | 6 |
| Owned, leased, and other revenue |  | - |  | 1 |  | 1 |
| Cost reimbursements |  | 193 |  | 197 |  | 226 |
| Total revenue | \$ | 221 | \$ | 216 | \$ | 250 |
|  |  |  |  |  |  |  |
| Reimbursed costs | \$ | (193) | \$ | (197) | \$ | (226) |
| Depreciation, amortization, and other |  | (2) |  | (2) |  | (2) |
| General, administrative, and other |  | - |  | (1) |  | (2) |
| Gains and other income |  | 1 |  | - |  | - |
| Interest income |  | 5 |  | 5 |  | 5 |
| Equity in earnings |  | 10 |  | 16 |  | 6 |

## Balance Sheet Data

| (\$ in millions) | At Year-End 2016 |  | At Year-End 2015 |  |
| :---: | :---: | :---: | :---: | :---: |
| Current assets |  |  |  |  |
| Accounts and notes receivable, net | \$ | 27 | \$ | 29 |
| Other |  | 1 |  | 1 |
| Intangible assets |  |  |  |  |
| Contract acquisition costs and other |  | 23 |  | 30 |
| Equity method investments |  | 723 |  | 159 |
| Other noncurrent assets |  | 17 |  | 17 |
| Deferred tax assets |  | 6 |  | - |
| Current liabilities |  |  |  |  |
| Accounts payable |  | (4) |  | (10) |
| Accrued expenses and other |  | (22) |  | (12) |
| Deferred tax liabilities |  | (56) |  | (4) |
| Other noncurrent liabilities |  | (4) |  | (3) |

## Summarized Financial Information for Investees

The following tables present summarized financial information for the entities in which we have equity method investments:

| (\$ in millions) | $2016{ }^{(1)}$ |  | 2015 |  | 2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sales | \$ | 747 | \$ | 615 | \$ | 752 |
| Net income | \$ | 101 | \$ | 44 | \$ | 38 |
| (\$ in millions) | At Year-End 2016 |  | At Year-End 2015 |  |  |  |
| Assets (primarily composed of hotel real estate managed by us) | \$ | 2,249 | \$ | 1,218 |  |  |
| Liabilities | \$ | 1,677 | \$ | 1,110 |  |  |

${ }^{(1)}$ Sales and net income are for the period from the Merger Date to year-end 2016 for the entities in which we acquired an investment through the Starwood Combination.

At year-end 2016, the carrying amount of our equity method investments, which includes a provisional estimate of the fair value of the equity method investments that we acquired in the Starwood Combination on the Merger Date, was $\$ 723$ million. This value exceeded our share of the book value of the investees' net assets by $\$ 491$ million, primarily due to the value that we assigned to land, contracts, and buildings owned by the investees. Excluding the amount attributable to land, we amortize the difference on a straight-line basis over the underlying assets' estimated useful lives when calculating equity method earnings attributable to us.

## Other Related Parties

We received management fees of approximately $\$ 13$ million in 2016, $\$ 13$ million in 2015 , and $\$ 12$ million in 2014, plus reimbursement of certain expenses, from our operation of properties owned by JWM Family Enterprises, L.P., which is beneficially owned and controlled by J.W. Marriott, Jr., Deborah Marriott Harrison, and other members of the Marriott family.

## 20. RELATIONSHIP WITH MAJOR CUSTOMER

Host Hotels \& Resorts, Inc., formerly known as Host Marriott Corporation, and its affiliates ("Host") owned or leased 87 lodging properties at year-end 2016 and 58 lodging properties at year-end 2015 that we operated under long-term agreements. Over the last three years, we recognized revenues, including cost reimbursements revenue, of $\$ 1,991$ million in 2016, $\$ 1,888$ million in 2015, and $\$ 1,927$ million in 2014 from those lodging properties, and included those revenues in all three of our business segments.

Host is also a partner in certain unconsolidated partnerships that own lodging properties that we operate under long-term agreements. Host was affiliated with eight such properties at year-end 2016 and nine such properties at year-end 2015. We recognized revenues, including cost reimbursements revenue, of $\$ 98$ million in 2016, $\$ 103$ million in 2015, and $\$ 106$ million in 2014 from those lodging properties, and included those revenues in our North American Full-Service and International segments.

## SUPPLEMENTARY DATA <br> QUARTERLY FINANCIAL DATA - UNAUDITED

| (\$ in millions, except per share data) | 2016 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { First } \\ \text { Quarter } \end{gathered}$ |  | Second Quarter |  | $\begin{gathered} \text { Third } \\ \text { Quarter } \end{gathered}$ |  | Fourth Quarter |  | Fiscal Year |  |
| Revenues | \$ | 3,772 | \$ | 3,902 | \$ | 3,942 | \$ | 5,456 | \$ | 17,072 |
| Operating income | \$ | 367 | \$ | 389 | \$ | 171 | \$ | 441 | \$ | 1,368 |
| Net income | \$ | 219 | \$ | 247 | \$ | 70 | \$ | 244 | \$ | 780 |
| Diluted earnings per share ${ }^{(1)}$ | \$ | 0.85 | \$ | 0.96 | \$ | 0.26 | \$ | 0.62 | \$ | 2.64 |
| (\$ in millions, except per share data) | 2015 |  |  |  |  |  |  |  |  |  |
|  | FirstQuarter |  | Second Quarter |  | $\begin{aligned} & \text { Third } \\ & \text { Quarter } \end{aligned}$ |  | FourthQuarter |  | Fiscal Year |  |
| Revenues | \$ | 3,513 | \$ | 3,689 | \$ | 3,578 | \$ | 3,706 | \$ | 14,486 |
| Operating income | \$ | 332 | \$ | 369 | \$ | 339 | \$ | 310 | \$ | 1,350 |
| Net income | \$ | 207 | \$ | 240 | \$ | 210 | \$ | 202 | \$ | 859 |
| Diluted earnings per share | \$ | 0.73 | \$ | 0.87 | \$ | 0.78 | \$ | 0.77 | \$ | 3.15 |

${ }^{(1)}$ The sum of the earnings per share for the four quarters differs from annual earnings per share due to the required method of computing the weighted average shares in interim periods.

## Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure.

None.

## Item 9A. Controls and Procedures.

## Disclosure Controls and Procedures

As of the end of the period covered by this annual report, we evaluated, under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, the effectiveness of our disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934 (the "Exchange Act")). Management necessarily applied its judgment in assessing the costs and benefits of those controls and procedures, which by their nature, can provide only reasonable assurance about management's control objectives. You should note that the design of any system of controls is based in part upon certain assumptions about the likelihood of future events, and we cannot assure you that any design will succeed in achieving its stated goals under all potential future conditions, regardless of how remote. Based upon this evaluation, our Chief Executive Officer and the Chief Financial Officer concluded that our disclosure controls and procedures were effective and operating to provide reasonable assurance that we record, process, summarize and report the information we are required to disclose in the reports that we file or submit under the Exchange Act within the time periods specified in the rules and forms of the SEC, and to provide reasonable assurance that we accumulate and communicate such information to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions about required disclosure.

The scope of management's assessment of the effectiveness of the design and operation of the Company's disclosure controls and procedures as of December 31, 2016 includes all of the Company's consolidated operations except for those disclosure controls and procedures of Starwood that are subsumed by internal control over financial reporting.

## Internal Control Over Financial Reporting

We have set forth management's report on internal control over financial reporting and the attestation report of our independent registered public accounting firm on the effectiveness of our internal control over financial reporting in Part II, Item 8 of this Form 10-K, and we incorporate those reports here by reference.

We are in the process of evaluating the existing controls and procedures of Starwood and integrating Starwood into our internal control over financial reporting. In accordance with SEC Staff guidance permitting a company to exclude an acquired business from management's assessment of the effectiveness of internal control over financial reporting for the year in which the acquisition is completed, we have excluded the business that we acquired in the Starwood Combination from our assessment of the effectiveness of internal control over financial reporting as of December 31, 2016. The business that we
acquired in the Starwood Combination represented $77 \%$ of the Company's total assets as of December 31, 2016, and $11 \%$ of the Company's revenues and $-5 \%$ of the Company's net income for the year ended December 31, 2016.

## Item 9B. Other Information.

None.

## PART III

## Items 10, 11, 12, 13, 14.

As described below, we incorporate by reference in this Annual Report on Form 10-K certain information appearing in the Proxy Statement that we will furnish to our shareholders in connection with our 2017 Annual Meeting of Shareholders.

## Item 10. Directors, Executive Officers, and Corporate Governance.

## Item 11. Executive Compensation.

We incorporate this information by reference to "Our Board of Directors," "Section 16(a) Beneficial Ownership Reporting Compliance," "Audit Committee," "Transactions with Related Persons," and "Selection of Director Nominees" sections of our Proxy Statement. We have included information regarding our executive officers and our Code of Ethics below.

We incorporate this information by reference to the "Executive and Director Compensation" and "Compensation Committee Interlocks and Insider Participation" sections of our Proxy Statement.

Item 12. Security Ownership of Certain Beneficial Owners We incorporate this information by reference to the and Management and Related Stockholder Matters. "Securities Authorized for Issuance Under Equity Compensation Plans" and the "Stock Ownership" sections of our Proxy Statement.

Item 13. Certain Relationships and Related Transactions, and Director Independence.

Item 14. Principal Accounting Fees and Services.

We incorporate this information by reference to the "Transactions with Related Persons" and "Director Independence" sections of our Proxy Statement.

We incorporate this information by reference to the "Independent Registered Public Accounting Firm Fee Disclosure" and the "Pre-Approval of Independent Auditor Fees and Services Policy" sections of our Proxy Statement.

## EXECUTIVE OFFICERS OF THE REGISTRANT

We include below certain information on our executive officers. This information is as of February 1, 2017, except where indicated.

| Name and Title | Age | Business Experience |
| :---: | :---: | :---: |
| J.W. Marriott, Jr. | 84 | J.W. Marriott, Jr. was elected Executive Chairman effective March 31, 2012, |
| Executive Chairman and |  | having relinquished his position as Chief Executive Officer. He served as |
| Chairman of the Board |  | Chief Executive Officer of the Company and its predecessors since 1972. He |
|  |  | joined Marriott in 1956, became President and a Director in 1964, Chief |
|  |  | Executive Officer in 1972, and Chairman of the Board in 1985. Mr. Marriott |
|  |  | serves on the Board of The J. Willard \& Alice S. Marriott Foundation and |
|  |  | the Executive Committee of the World Travel \& Tourism Council. Mr. |
|  |  | Marriott has served as a Director of the Company and its predecessors since |
|  |  | 1964. |

Arne M. Sorenson
President and Chief Executive Officer

58 Arne M. Sorenson is President and Chief Executive Officer of Marriott. Mr. Sorenson became the third CEO in the Company's history in 2012. Before that, he served as Marriott's President and Chief Operating Officer. He has held a number of positions since joining Marriott in 1996, including Executive Vice President, Chief Financial Officer, and President of Continental European Lodging. He was elected to Marriott's Board of Directors in 2011. Additionally, Mr. Sorenson served as Vice Chair of the President's Export Council. He is the immediate past Board Chair for Brand USA and continues as a member of the Board. Other affiliations include: Chair, U.S. Travel Association CEO Roundtable; member of the Luther College Board of Regents; Stewardship Board of the World Economic Forum System Initiative on Shaping the Future of Mobility; and member of the Board of Trustees for The Brookings Institution. Before joining Marriott in 1996, Mr. Sorenson was a Partner with the law firm Latham \& Watkins in Washington, D.C. He is a graduate of Luther College in Decorah, Iowa and the University of Minnesota Law School.

Bao Giang Val Bauduin
Controller and Chief
Accounting Officer

40 Val Bauduin became our Controller and Chief Accounting Officer in June 2014, with responsibility for the accounting operations of the Company including oversight of Financial Reporting \& Analysis, Accounting Policy, Governance, Risk Management (Insurance, Claims, Business Continuity, Fire \& Life Safety), Accenture Hospitality Services and the Corporate Finance Business Partners. Before joining Marriott, Mr. Bauduin was a Partner and U.S. Hospitality leader of Deloitte \& Touche LLP from 2011 to 2014, where he has served as a Travel, Hospitality \& Leisure industry expert for Deloitte teams globally. Before that, Mr. Bauduin was a Senior Manager of Deloitte from 2005 to 2011. He has a strong international background, and has built and led cross-functional (tax, valuation, and IT) international professional service teams engaged at diverse client organizations, including several large and well-known public hospitality clients. He has supported complex capital market transactions, spinoffs, and real estate development projects related to gaming and hospitality. Mr. Bauduin earned a Bachelor of Arts in Economics from the University of Notre Dame and a Master of Business Administration in Finance from The Wharton School at the University of Pennsylvania. He is also a Certified Public Accountant.

| Name and Title |
| :--- |
| Anthony G. Capuano |
| Executive Vice President |
| and Global Chief Development Officer |

Anthony G. Capuano became Marriott's Executive Vice President and Global Chief Development Officer in 2009. He is responsible for the global development of all Marriott lodging brands and supervises 20 offices outside of North America as well as multiple offices across North America. Mr. Capuano began his Marriott International career in 1995 as part of the Market Planning and Feasibility team. Between 1997 and 2005, he led Marriott's full service development efforts in the Western U.S. and Canada. In early 2008, his responsibilities expanded to include all of North America and the Caribbean and Latin America. Mr. Capuano began his professional career in Laventhol and Horwath's Boston-based Leisure Time Advisory Group. He then joined Kenneth Leventhal and Company's hospitality consulting group in Los Angeles, CA. Mr. Capuano earned his bachelor's degree in Hotel Administration from Cornell University. He is an active member of the Cornell Society of Hotelmen and a member of The Cornell School of Hotel Administration Dean's Advisory Board. Mr. Capuano is also a member of the American Hotel and Lodging Association's Industry Real Estate Financial Advisory Council.

David Grissen
Group President

Alex Kyriakidis
President \& Managing Director
Middle East \& Africa

Stephanie Linnartz
Executive Vice President and
Global Chief Marketing and
Commercial Officer

59 David Grissen became Group President effective February 2014, assuming additional responsibility for The Ritz-Carlton and Global Operations Services. He became the Group President for the Americas in 2012, with responsibility for all business activities including Operations, Sales and Marketing, Revenue Management, Human Resources, Engineering, Rooms Operations, Food and Beverage, Retail, Spa, Information Technology and Development. Before this, he served as President, Americas from 2010; Executive Vice President of the Eastern Region from 2005; Senior Vice President of the Mid-Atlantic Region and Senior Vice President of Finance and Business Development from 2000. Mr. Grissen is chair of the Americas' Hotel Development Committee and a member of the Lodging Strategy Group and Corporate Growth Committee. He is a member of the Board of Directors of Regis Corporation and also Vice Chairman of the Board of Directors for Back on My Feet, an organization that helps individuals experiencing homelessness. Mr. Grissen holds a bachelor's degree from Michigan State University and a master's degree from Loyola University in Chicago.

64 Alex Kyriakidis became President and Managing Director, Middle East \& Africa (MEA), for Marriott in 2012. He is responsible for all business activities for MEA, including Development, Brands, Sales, Marketing, Finance, Human Resources, Legal, and Operations. Before joining Marriott in 2012, Mr. Kyriakidis served as Global Managing Director - Travel, Hospitality \& Leisure for Deloitte LLP. In this role, Mr. Kyriakidis led the Global Travel, Hospitality \& Leisure Industry team, where he was responsible for a team of 4,500 professionals. He has dozens of years of experience providing strategic, financial, M\&A, operational, asset management and integration services to the travel, hospitality and leisure sectors and has served clients in 25 countries, predominantly in the EMEA and Asia/Pacific regions. Mr. Kyriakidis is a fellow of the Arab Society of Certified Accountants, the British Association of Hotel Accountants, and the Institute of Chartered Accountants in England and Wales. He holds a Bachelor of Science degree in computer science and mathematics from Leeds University in the United Kingdom.

48 Stephanie Linnartz became the Global Chief Marketing and Commercial Officer in March 2013 and was named an executive officer in February 2014. She has responsibility for the Company's brand management, marketing, eCommerce, sales, reservations, revenue management, consumer insight, and information technology functions. Before assuming her current position, Ms. Linnartz served as Global Officer, Sales and Revenue Management from 2009 to 2013; Senior Vice President, Global Sales from 2008 to 2009; and Senior Vice President, Sales and Marketing Planning and Support from 2005 to 2008. She holds a Master of Business Administration from the College of William and Mary.

| Name and Title | Age | Business Experience |
| :---: | :---: | :---: |
| Amy C. McPherson | 55 | Amy C. McPherson was appointed President and Managing Director of |
| President \& Managing Director |  | Europe, a division that encompasses Continental Europe, the United |
| Europe |  | Kingdom, and Ireland, in July 2009. Ms. McPherson joined Marriott in 1986 |
|  |  | and most recently served as Executive Vice President of Global Sales and |
|  |  | Marketing responsible for the Company's global and field sales, marketing, |
|  |  | Marriott Rewards program, revenue management, and eCommerce from |
|  |  | 2005 until she was named to her current position. Other key positions held |
|  |  | by Ms. McPherson include Senior Vice President of Business |
|  |  | Transformation and Integration, and Vice President of Finance and Business |
|  |  |  |
|  |  | Chemicals in Allentown, PA. |

Kathleen K. Oberg
Executive Vice President and Chief
Financial Officer

David A. Rodriguez
Executive Vice President and Global Chief Human Resources Officer

Edward A. Ryan
Executive Vice President and
General Counsel
56 Kathleen ("Leeny") K. Oberg was appointed as Marriott’s Chief Financial Officer, effective January 1, 2016. Most recently, Ms. Oberg was the Chief Financial Officer for The Ritz-Carlton since 2013, where she contributed significantly to the brand's performance, growth, and organizational effectiveness. Previously, Ms. Oberg served in a range of financial leadership positions with Marriott. From 2008 to 2013, she was the Company's Senior Vice President, Corporate and Development Finance, where she led a team that valued new hotel development projects and merger and acquisition opportunities, prepared the Company's long range plans and annual budgets, and made recommendations for the Company's financial and capital allocation strategy. From 2006 to 2008, Ms. Oberg served in London as Senior Vice President, International Project Finance and Asset Management for Europe and the Middle East and Africa, and also as the region's senior finance executive. Ms. Oberg first joined Marriott as part of its Investor Relations group in 1999. Before joining Marriott, Ms. Oberg held a variety of financial leadership positions with such organizations as Sodexo (previously Sodexo Marriott Services), Sallie Mae, Goldman Sachs, and Chase Manhattan Bank. She earned her Bachelor of Science in Finance/ Management Information Systems from the University of Virginia, McIntyre School of Business, and received her Master of Business Administration from Stanford University Graduate School of Business.

58 David A. Rodriguez was appointed Executive Vice President and Global Chief Human Resources Officer in 2006. Dr. Rodriguez joined Marriott as Senior Vice President-Staffing \& Development in 1998 and was appointed Executive Vice President Human Resources for Marriott Lodging in 2003. Before joining Marriott, he held several senior roles in human resources at Citicorp (now Citigroup) from 1989 through 1998. Dr. Rodriguez holds a doctorate degree in industrial/organizational psychology from New York University and is an elected fellow of the National Academy of Human Resources.

63 Edward A. Ryan was named Executive Vice President and General Counsel in November 2006. He joined Marriott in 1996 as Assistant General Counsel, was promoted to Senior Vice President and Associate General Counsel in 1999, when he had responsibility for all new management agreements and real estate development worldwide for full-service and limited-service hotels; in 2005 he also assumed responsibility for all corporate transactions and corporate governance. Before joining Marriott, Mr. Ryan was a Partner at the law firm of Hogan \& Hartson (now Hogan Lovells) in Washington, D.C.

| Name and Title | Age | Business Experience |
| :---: | :---: | :---: |
| Craig S. Smith | 54 | Craig S. Smith became President and Managing Director of Asia Pacific in |
| President \& Managing Director |  | June 2015, assuming the responsibility for the strategic leadership of all |
| Asia Pacific |  | operational and development functions spanning 20 countries and 21 brands. |
|  |  | Mr. Smith began his career with Marriott in 1988. Before his current |
|  |  | position, Mr. Smith served as President of Marriott's Caribbean and Latin |
|  |  | American region from 2011 to 2015. Before moving to the Caribbean and |
|  |  | Latin American region in 2011, he was Executive Vice President and Chief |
|  |  | Operations Officer for Asia Pacific. As the son of an American diplomat, Mr. |
|  |  | Smith has lived in 13 countries, working in North America, the Caribbean, |
|  |  | Latin America, Asia Pacific, and Australia. He is fluent in Spanish and conversant in Portuguese. Mr. Smith earned his Master of Business |
|  |  | Administration from the Rotman School of Management at the University of |
|  |  | Toronto and a Bachelor of Science from Brigham Young University. |

## Code of Ethics and Business Conduct Guide

The Company has long maintained and enforced a Code of Ethics that applies to all Marriott associates, including our Chairman of the Board, Chief Executive Officer, Chief Financial Officer, and Principal Accounting Officer, and to each member of the Board. The Code of Ethics is encompassed in our Business Conduct Guide, which is available in the Investor Relations section of our website (www.marriott.com/investor) by clicking on "Governance" and then "Documents \& Charters." We intend to post on that website any future changes or amendments to our Code of Ethics, and any waiver of our Code of Ethics that applies to our Chairman of the Board, any of our executive officers, or a member of our Board within four business days following the date of the amendment or waiver.

## PART IV

## Item 15. Exhibits and Financial Statement Schedules.

## LIST OF DOCUMENTS FILED AS PART OF THIS REPORT

(1) FINANCIAL STATEMENTS

We include this portion of Item 15 under Part II, Item 8 of this Report on Form 10-K.
(2) FINANCIAL STATEMENT SCHEDULES

We include the financial statement schedule information required by the applicable accounting regulations of the SEC in the notes to our financial statements and incorporate that information in this Item 15 by reference.

## (3) EXHIBITS

Any shareholder who wants a copy of the following Exhibits may obtain one from us upon request at a charge that reflects the reproduction cost of such Exhibits. Requests should be made to the Secretary, Marriott International, Inc., 10400 Fernwood Road, Department 52/862, Bethesda, MD 20817.

We have not filed as exhibits certain instruments defining the rights of holders of the long-term debt of Marriott or its subsidiary Starwood Hotels \& Resorts Worldwide, LLC, pursuant to Item 601(b)(4)(iii) of Regulation S-K promulgated under the Exchange Act, because the amount of debt authorized and outstanding under each such instrument does not exceed $10 \%$ of the total assets of the Company's and its consolidated subsidiaries. The Company agrees to furnish a copy of any such instrument to the Commission upon request.

| Incorporation by Reference <br> (where a report is isdicated below, that |  |
| :---: | :---: |
| Description | document has been previously filed with the SEC <br> and the applicable exhibit is incorporated by <br> reference thereto) |

Agreement and Plan of Merger, dated as of November 15, 2015, by and among the Company, Starwood, and certain of their subsidiaries.
2.2 Amendment No. 1 to Agreement and Plan of Merger, dated March 20, 2016, by and among the Company, Starwood, and certain of their subsidiaries.
2.3 Agreement and Plan of Merger, dated as of October 27, 2015, among Starwood, Vistana Signature Experiences, Inc., Iris Merger Sub, Inc., and Interval Leisure Group, Inc.
2.4 Separation Agreement, dated as of October 27, 2015, among Starwood, Vistana Signature Experience, Inc., and Interval Leisure Group, Inc.
3.1
4.2
3.2 Amended and Restated Bylaws.
4.1 Form of Common Stock Certificate.

Restated Certificate of Incorporation.

Indenture dated as of November 16, 1998, between the Company and The Bank of New York Mellon, as successor to JPMorgan Chase Bank, N.A., formerly known as The Chase Manhattan Bank.

Exhibit No. 2.1 to our Form 8-K filed March 21, 2016 (File No. 001-13881).

Exhibit 2.1 to Starwood's Form 8-K/A filed November 3, 2015 (File No. 001-07959).

Exhibit 2.2 to Starwood's Form 8-K/A filed November 3, 2015 (File No. 001-07959).

Exhibit No. 3(i) to our Form 8-K filed
August 22, 2006 (File No. 001-13881).
Exhibit No. 3(ii) to our Form 8-K filed
February 14, 2017 (File No. 001-13881).
Exhibit No. 4.5 to our Form S-3ASR filed December 8, 2005 (File No. 333-130212).

Exhibit No. 4.1 to our Form 10-K for the fiscal year ended January 1, 1999 (File No. 001-13881).

| Exhibit No. | Description | Incorporation by Reference (where a report is indicated below, that document has been previously filed with the SEC and the applicable exhibit is incorporated by reference thereto) |
| :---: | :---: | :---: |
| 10.1 | U.S. $\$ 4,000,000,000$ Fourth Amended and Restated Credit Agreement dated as of June 10, 2016 with Bank of America, N.A. as administrative agent and certain banks. | Exhibit No. 10 to our Form 8-K filed June 13, 2016 (File No. 001-13881). |
| 10.2 | License, Services and Development Agreement entered into on November 17, 2011, among the Company, Marriott Worldwide Corporation, Marriott Vacations Worldwide Corporation, and the other signatories thereto. | Exhibit No. 10.1 to our Form 8-K filed November 21, 2011 (File No. 001-13881). |
| 10.3 | License, Services and Development Agreement entered into on November 17, 2011, among The RitzCarlton Hotel Company, L.L.C., Marriott Vacations Worldwide Corporation, and the other signatories thereto. | Exhibit No. 10.2 to our Form 8-K filed November 21, 2011 (File No. 001-13881). |
| 10.4 | Marriott Rewards Affiliation Agreement entered into on November 17, 2011, among the Company, Marriott Rewards, L.L.C., Marriott Vacations Worldwide Corporation and certain of its subsidiaries, Marriott Ownership Resorts, Inc., and the other signatories thereto. | Exhibit No. 10.5 to our Form 8-K filed November 21, 2011 (File No. 001-13881). |
| 10.5 | Non-Competition Agreement entered into on November 17, 2011, with Marriott Vacations Worldwide Corporation. | Exhibit No. 10.6 to our Form 8-K filed November 21, 2011 (File No. 001-13881). |
| 10.6 | License, Services and Development Agreement, dated as of May 11, 2016, among Starwood, Vistana Signature Experiences, Inc., and Interval Leisure Group, Inc. | Exhibit 10.1 to Starwood's Form 8-K filed May 12, 2016 (File No. 001-07959). |
| 10.7 | Noncompetition Agreement, dated as of May 11, 2016, between Starwood and Vistana Signature Experiences, Inc. | Exhibit 10.2 to Starwood's Form 8-K filed May 12, 2016 (File No. 001-07959). |
| *10.8 | Marriott International, Inc. Stock and Cash Incentive Plan, as Amended Through February 13, 2014. | Exhibit A to our Definitive Proxy Statement filed April 4, 2014 (File No. 001-13881). |
| *10.8.1 | Amendment dated August 7, 2014 to the Marriott International, Inc. Stock and Cash Incentive Plan. | Exhibit No. 10 to our Form 10-Q filed October 29, 2014 (File No. 001-13881). |
| *10.9 | Marriott International, Inc. Executive Deferred Compensation Plan, Amended and Restated as of January 1, 2009. | Exhibit No. 99 to our Form 8-K filed August 6, 2009 (File No. 001-13881). |
| *10.10 | Form of Employee Non-Qualified Stock Option Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan. | Exhibit No. 10.4 to our Form 10-K filed February 15, 2008 (File No. 001-13881). |
| *10.11 | Form of Employee Non-Qualified Stock Option Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan (Off-Cycle Grants). | Exhibit No. 10.5 to our Form 10-K filed February 12, 2009 (File No. 001-13881). |
| *10.12 | Form of Employee Non-Qualified Stock Option Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan (Annual Grants). | Exhibit No. 10.6 to our Form 10-K filed February 12, 2009 (File No. 001-13881). |
| *10.13 | Form of Executive Restricted Stock Unit Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan. | Exhibit No. 10.5 to our Form 10-K filed February 15, 2008 (File No. 001-13881). |
| *10.14 | Form of Executive Restricted Stock Unit Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan, as Amended as of May 1,2009 | Exhibit No. 10.2 to our Form 10-Q filed July 17, 2009 (File No. 001-13881). |


| Exhibit No. | Description | Incorporation by Reference (where a report is indicated below, that document has been previously filed with the SEC and the applicable exhibit is incorporated by reference thereto) |
| :---: | :---: | :---: |
| *10.15 | Form of MI Shares Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan. | Exhibit No. 10.6 to our Form 10-K filed February 15, 2008 (File No. 001-13881). |
| *10.16 | Form of MI Shares Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan (OffCycle Grants). | Exhibit No. 10.9 to our Form 10-K filed February 12, 2009 (File No. 001-13881). |
| *10.17 | Form of MI Shares Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan (Annual Grants). | Exhibit No. 10.10 to our Form 10-K filed February 12, 2009 (File No. 001-13881). |
| *10.18 | Form of MI Shares Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan (Annual Grants), as Amended as of May 1, 2009. | Exhibit No. 10.3 to our Form 10-Q filed July 17, 2009 (File No. 001-13881). |
| *10.18.1 | Form of MI Shares Agreement (EBITDA version) under the Marriott International, Inc. Stock and Cash Incentive Plan, as amended and restated as of May 1, 2009 and amended as of May 7, 2010. | Exhibit No. 10.1 to our Form 8-K filed February 13, 2012 (File No. 001-13881). |
| *10.19 | Form of Stock Appreciation Right Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan. | Exhibit No. 10.7 to our Form 10-K filed February 15, 2008 (File No. 001-13881). |
| * 10.20 | Form of Stock Appreciation Right Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan (Off-Cycle Grants). | Exhibit No. 10.12 to our Form 10-K filed February 12, 2009 (File No. 001-13881). |
| *10.21 | Form of Stock Appreciation Right Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan (Annual Grants). | Exhibit No. 10.13 to our Form 10-K filed February 12, 2009 (File No. 001-13881). |
| *10.22 | Form of Stock Appreciation Right Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan (For Non-Employee Directors). | Exhibit No. 10.8 to our Form 10-K filed February 15, 2008 (File No. 001-13881). |
| *10.23 | Form of Performance Share Award Agreement for the Marriott International, Inc. Stock and Cash Incentive Plan. | Filed with this report. |
| *10.24 | Summary of Marriott International, Inc. Director Compensation. | Exhibit No. 10.18 to our form 10-K filed February 18, 2016 (File No. 001-13881). |
| * 10.25 | Marriott International, Inc. Executive Officer Incentive Plan and Executive Officer Individual Performance Plan. | Exhibit No. 10.10 to our Form 10-K filed February 15, 2008 (File No. 001-13881). |
| *10.26 | Starwood 1999 Long-Term Incentive Compensation Plan. | Exhibit 10.4 to Starwood's Form 10-Q for the quarterly period ended June 30, 1999 (File No. 001-07959). |
| *10.27 | First Amendment to the Starwood 1999 Long-Term Incentive Compensation Plan, dated as of August 1, 2001. | Exhibit 10.1 to Starwood's Form 10-Q for the quarterly period ended September 30, 2001 (File No. 001-07959). |
| *10.28 | Second Amendment to the Starwood 1999 Long-Term Incentive Compensation Plan. | Exhibit 10.2 to Starwood's Form 10-Q for the quarterly period ended March 31, 2003 (File No. 001-07959). |
| *10.29 | Starwood 2002 Long-Term Incentive Compensation Plan. | Annex B of Starwood's 2002 Notice of Annual Meeting and Proxy Statement filed April 12, 2002 (File No. 001-07959). |
| *10.30 | First Amendment to the Starwood 2002 Long-Term Incentive Compensation Plan. | Exhibit 10.1 to Starwood's Form 10-Q for the quarterly period ended March 31, 2003 (File No. 001-07959). |


| Exhibit No. | Description | Incorporation by Reference (where a report is indicated below, that document has been previously filed with the SEC and the applicable exhibit is incorporated by reference thereto) |
| :---: | :---: | :---: |
| *10.31 | Starwood 2004 Long-Term Incentive Compensation Plan, amended and restated as of December 31, 2008. | Exhibit 10.3 to Starwood's Form 8-K filed January 6, 2009 (File No. 001-07959). |
| * 10.32 | First Amendment to the Starwood 2004 Long-Term Incentive Compensation Plan, amended and restated as of December 31, 2008. | Exhibit 10.1 to Starwood's Form 10-Q for the quarterly period ended June 30, 2013 (File No. 001-07959). |
| *10.33 | Starwood 2013 Long-Term Incentive Compensation Plan. | Exhibit 4.4 to Starwood's Form S-8 filed June 28, 2013 (File No. 333-189674). |
| $\dagger 10.34$ | Side Letter Agreement dated as of September 21, 2016 among the Company, Marriott Vacations Worldwide, and certain of their subsidiaries. | Exhibit No. 10.1 to our Form 10-Q filed November 9, 2016 (File No. 001-13881). |
| 12 | Statement of Computation of Ratio of Earnings to Fixed Charges. | Filed with this report. |
| 21 | Subsidiaries of Marriott International, Inc. | Filed with this report. |
| 23 | Consent of Ernst \& Young LLP | Filed with this report. |
| 31.1 | Certification of Chief Executive Officer Pursuant to Rule 13a-14(a). | Filed with this report. |
| 31.2 | Certification of Chief Financial Officer Pursuant to Rule 13a-14(a). | Filed with this report. |
| 32 | Section 1350 Certifications. | Furnished with this report. |
| 101.INS | XBRL Instance Document. | Submitted electronically with this report. |
| 101.SCH | XBRL Taxonomy Extension Schema Document. | Submitted electronically with this report. |
| 101.CAL | XBRL Taxonomy Calculation Linkbase Document. | Submitted electronically with this report. |
| 101.DEF | XBRL Taxonomy Extension Definition Linkbase. | Submitted electronically with this report. |
| 101.LAB | XBRL Taxonomy Label Linkbase Document. | Submitted electronically with this report. |
| 101.PRE | XBRL Taxonomy Presentation Linkbase Document. | Submitted electronically with this report. |
| * Denotes management contract or compensatory plan. |  |  |
| $\dagger$ Portions of this exhibit were redacted pursuant to a confidential treatment request filed with the Securities and Exchange Commission pursuant to Rule 24b-2 under the Exchange Act. The redacted portions of this exhibit have been filed with the Securities and Exchange Commission. |  |  |
| We have submitted electronically the following documents formatted in XBRL (Extensible Business Reporting <br> Language) as Exhibit 101 to this report: (i) the Consolidated Statements of Income for the year-ended December 31, 2016, December 31, 2015, and December 31, 2014; (ii) the Consolidated Balance Sheets at December 31, 2016, and December 31, 2015; (iii) the Consolidated Statements of Cash Flows for the year-ended December 31, 2016, December 31, 2015, and December 31, 2014; (iv) the Consolidated Statements of Comprehensive Income for the year-ended December 31, 2016, December 31, 2015, and December 31, 2014; (v) the Consolidated Statements of Shareholders' Equity (Deficit) for the yearended December 31, 2016, December 31, 2015, and December 31, 2014; and (vi) Notes to Consolidated Financial Statements. |  |  |
|  |  |  |

## SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Exchange Act, we have duly caused this Form 10-K to be signed on our behalf by the undersigned, thereunto duly authorized, on this $21^{\text {st }}$ day of February 2017.

MARRIOTT INTERNATIONAL, INC.

By: /s/ Arne M. Sorenson
Arne M. Sorenson
President and Chief Executive Officer

Pursuant to the requirements of the Exchange Act, this Form 10-K has been signed by the following persons on our behalf in the capacities indicated and on the date indicated above.

PRINCIPAL EXECUTIVE OFFICER:

| /s/ Arne M. Sorenson | President, Chief Executive Officer and Director |
| :---: | :---: |
| Arne M. Sorenson |  |
| PRINCIPAL FINANCIAL OFFICER: |  |
| /s/ Kathleen K. Oberg | Executive Vice President, Chief Financial Officer |
| Kathleen K. Oberg |  |
| PRINCIPAL ACCOUNTING OFFICER: |  |
| /s/ Bao Giang Val Bauduin | Controller and Chief Accounting Officer |
| Bao Giang Val Bauduin |  |
| DIRECTORS: |  |
| /s/ J.W. Marriott, Jr. | /s/ Debra L. Lee |
| J.W. Marriott, Jr., Chairman of the Board | Debra L. Lee, Director |
| /s/ Mary K. Bush | /s/ Aylwin B. Lewis |
| Mary K. Bush, Director | Aylwin B. Lewis, Director |
| /s/ Bruce W. Duncan | /s/ George Muñoz |
| Bruce W. Duncan, Director | George Muñoz, Director |
| /s/ Deborah Marriott Harrison | /s/ Steven S Reinemund |
| Deborah Marriott Harrison, Director | Steven S Reinemund, Director |
| /s/ Frederick A. Henderson | /s/ W. Mitt Romney |
| Frederick A. Henderson, Director | W. Mitt Romney, Director |
| /s/ Eric Hippeau | /s/ Susan C. Schwab |
| Eric Hippeau, Director | Susan C. Schwab, Director |
| /s/ Lawrence W. Kellner |  |
| Lawrence W. Kellner, Director |  |


[^0]:    The growing significance of our operations outside of the United States, including as a result of the Starwood Combination, makes us increasingly susceptible to the risks of doing business internationally, which could lower our revenues, increase our costs, reduce our profits, disrupt our business, or damage our reputation. At year-end 2016, we operated or franchised hotels and resorts in 122 countries and territories. With the acquisition of Starwood, the hotels we operate or franchise outside of the United States represented more than 36 percent of the rooms in our system at year-end 2016. We expect that our international operations, and resulting revenues, will continue to grow. As a result, we are increasingly exposed to the challenges and risks of doing business outside the United States, many of which are outside of our control, and which could reduce our revenues or profits, increase our costs, result in significant liabilities or sanctions, otherwise disrupt our business, or damage our reputation. These challenges include: (1) compliance with complex and changing laws, regulations and government policies that may impact our operations, such as foreign ownership restrictions, import and export controls, and trade restrictions; (2) compliance with U.S. and foreign laws that affect the activities of companies abroad, such as competition laws, currency regulations, and other laws affecting dealings with certain nations; (3) limitations on our ability to repatriate non-U.S. earnings in a tax effective manner, or in some cases at all due to foreign exchange restrictions; (4) the difficulties involved in managing an organization doing business in many different countries; (5) uncertainties as to the enforceability of contract and

[^1]:    ${ }^{(1)}$ Includes The Ritz-Carlton, Marriott Hotels, Renaissance Hotels, and Gaylord Hotels. Systemwide also includes Autograph Collection Hotels.
    ${ }^{(2)}$ Includes Courtyard, Residence Inn, Fairfield Inn \& Suites, SpringHill Suites, and TownePlace Suites.

[^2]:    (1) See Footnote 19 "Related Party Transactions" for disclosure of related party amounts.

