

CONSUMER: Lodging

C. Patrick Scholes
212-319-3915
Patrick.Scholes@truist.com

Gregory J. Miller
212-303-4198
Gregory.J.Miller@truist.com

14 Page Document

Reasons for this report

✓ Latest observations on forward-looking booking and pricing trends for US hotels and anecdotal learnings from industry contacts, including detail on the three main customer segments:

- Individual Business
- Group/convention
- Leisure
- First look into 2024

November RevPAR Monitor: Fairly consistent forward trends but mixed implications for companies

In this report we discuss:

- Latest observations on forward-looking booking and pricing trends for mid and higher-end U.S. hotels and anecdotal learnings from industry contacts, including detail on the three main customer segments:
 - Forward-looking RevPAR trends “steady eddie”. Not seeing signs of any newly emerging pullback in demand. Our RevPAR growth projections:
 - 4Q23: +3-4% y/y, 1Q24 +2-4%, and 2Q24 +3-5%; all slightly above consensus
 - Group/convention: at or above the high-end of the above ranges
 - Individual Business: at least at the mid-points
 - Leisure: at or below the low-ends of the ranges

• **Stocks/picks**

- Are these growth rates “good enough” to make the stocks work?
- Hotel C-Corps (H, HLT, MAR), likely Yes given additional earnings growth from net unit additions. MAR’s (Hold) 4Q US + Canada RevPAR likely to come in towards higher-end of the +3-4% guide, if not very slightly above.
 - For C-corps: Hyatt remains our favorite name given strength in group, accretive asset sales, balance sheet, and comparative valuation.
- Hotel REITs, mostly No as RevPAR growth rates not likely strong enough to prevent margin contraction and consensus margin expectations look too optimistic.
 - For hotel REITs: Ryman (RHP, Buy) remains our favorite name due to outsized exposure to group strength.

Based upon our analysis of millions of future reservations for mid and higher-end U.S. hotels from multiple “big data” sources and from conversations with hotel owner/manager contacts and executives at very large travel agencies, we best describe forward-looking RevPAR trends as “steady eddie”. Not dissimilar to 3Q23’s performance, for 4Q23 we are projecting RevPAR growth on average for these types of hotels finishing up 3-4% y/y, 1Q24 +2-4% and 2Q24 +3-5%. All of these trends, drivers of, and implications for companies/stocks are described in further detail in this report.

- At a high-level, the most positive news is that as evidenced by forward-looking hotel bookings, we are clearly not seeing signs of any newly emerging pullback in demand. However, we see domestic leisure hotel RevPAR growth lethargic at best, with occupancy down slightly y/y with room rates up slightly y/y, implying flat-ish RevPAR growth for this customer segment.

Specifically by customer segment, we see **group** finishing at or above the high-end of the above ranges (San Francisco market excluded), **individual business** at least at the mid-points, and **leisure** at or below the low-ends of the ranges. While actual revenue paces “on the books” for 1Q24 and 2Q24 are currently tracking much higher than these ranges as most of what is currently on the books is from the outperforming group segment, we factor in a deceleration of group booking pace as arrival dates get closer, a trend we have observed all year, combined with a higher mix of business and leisure customers as arrival dates get closer. Lastly, as reflected in the above forecasts, the Easter shift, most noticeable for group business, will pressure 1Q24 growth rates (March is hurt) but be a tailwind to 2Q24 (April is helped).

In general, we would say our forward observations and expected RevPAR growth ranges are modestly better than consensus expectations (but see margin discussion below as margin implications for hotel owners is less favorable). Not so dissimilar to 3Q23 where we called out at mid-3Q that MAR's U.S. + Canada RevPAR would "likely come in towards the higher-end if not very slightly above their +2-4% guide" (actual result was +4.3%), we see a similar scenario for MAR's 4Q23's guide of +3-4%. We add that companies/hotels with above average group customer exposure, namely RHP, should especially see RevPAR growth at or above our quarterly forecasted ranges and consensus expectations (below).

Exhibit 1:

Company	Consensus y/y growth estimates			
	4Q23	1Q24	2Q24	2024
C-Corp				
H (Americas M&F)	Flat	1.8%	2.1%	1.9%
HLT (U.S.)	3.4%	2.6%	3.0%	2.4%
MAR (North America)	3.6%	2.2%	2.0%	2.6%
REIT				
DRH	Flat	1.3%	1.4%	2.0%
HST	2.0%	0.7%	1.1%	2.4%
PEB	4.5%	5.2%	4.0%	3.9%
PK	4.5%	2.8%	3.5%	3.1%
RHP	-0.2%	2.7%	2.9%	3.1%
RLJ	3.5%	2.7%	2.1%	2.6%
SHO	1.7%	0.5%	1.3%	1.6%

Source: Truist Securities, Consensusmetrix, HotelAVE

Putting it all together as it relates to the companies/stocks, are these growth rates "good enough" to make the stocks work? *Hotel C-Corps, likely yes. Hotel REITs, mostly no.*

- Our forecasted RevPAR growth rates are probably "good enough" for Hilton, Hyatt, and Marriott. If these companies did not also have mid-single digit net unit growth tailwinds (these alone should translate to mid-to-high single digit EBITDA growth rates), then our view might be different. Perhaps more importantly for these (mostly) asset-lite companies, and as discussed below, they do not bear the brunt of operating costs growing 4-5%+ y/y (ex-taxes and insurance) in 2024 a growth rate we see as margin headwinds for most hotel REITs.
- Forecasted RevPAR growth rates probably "not good enough" for most hotel REITs given margin pressures. We believe consensus expectations for margin growth/(declines), as shown below, are too optimistic as we believe margins down at least 100 bps y/y in 2024 is a more likely outcome. As we have noted in recent research and from discussions at last month's NAREIT conference, at the mid-point or likely even the high-end of our RevPAR ranges we believe it will be very difficult for most hotel REITs/owners to maintain flat margins; we see RHP as the notable exception given their high exposure to the outperforming group segment. By comparison:

Exhibit 2: Consensus Adj. EBITDA y/y margin growth (decline) expectations

Company (\$M)	Consensus estimates			
	4Q23E	1Q24E	2Q24E	2024E
REIT				
DRH				
Adj. EBITDA margin y/y chg (bps)	(337)	(54)	1	(15)
HST				
Adj. EBITDA margin y/y chg (bps)	116	216	149	103
PEB				
Adj. EBITDA margin y/y chg (bps)	119	217	48	(25)
PK				
Adj. EBITDA margin y/y chg (bps)	48	(5)	8	235
RHP				
Adj. EBITDA margin y/y chg (bps)	73	(102)	(61)	1
RLJ				
Adj. EBITDA margin y/y chg (bps)	(68)	(13)	(51)	(50)
SHO				
Adj. EBITDA margin y/y chg (bps)	(125)	172	342	(37)

Source: Truist Securities, Consensusmetrix, FactSet

The lodging stocks: While there were puts and takes in our latest data checks and industry conversations, overall we continue to summarize our view on the lodging sector at the moment as one of “relative optimism,” *though more so for the global C-Corps and less so for the hotel REITS.*

- **Of the lodging stocks our favorite name continues to be Hyatt, which we see having several idiosyncratic catalysts.** Hyatt is a beneficiary of group strength primarily through its legacy portfolio but also to an extent the acquired Apple Leisure Group, the recovery of international higher-rated travel, strength in global leisure demand, a continued push to asset-light, a leading global rooms pipeline, and best of sector balance sheet.
- **For the hotel REITS, our favorite name is RHP.** At 80% of its business coming from groups/conventions, RHP has the greatest exposure to this customer segment and has no hotels located in the especially tech-heavy San Francisco area. We add that RHP’s hotels are likely benefitting from several “self-help” factors including having properties in better condition than some other big box comparables and convention centers as well as what has proven to be a smart strategy of maintaining their property-level salesforce during the heart of the pandemic.

Group business: We observe in our data intelligence that group revenue pace for 1H24 is currently tracking approx. +13-15% y/y (approx. 40% of this from occupancy, 60% from ADR). However as noted previously, as arrival dates get closer the pace of revenue growth slows, most notably for expected occupancy growth. For example, October lost approx. 9 points of revenue growth in the 60 days prior due to a weak last minute pace of bookings but still finished approx. +8% y/y as that pace was tracking up over 20% y/y back in June. By comparison, what companies noted for 2024 group paces during 3Q23 earnings calls.

Exhibit 3:

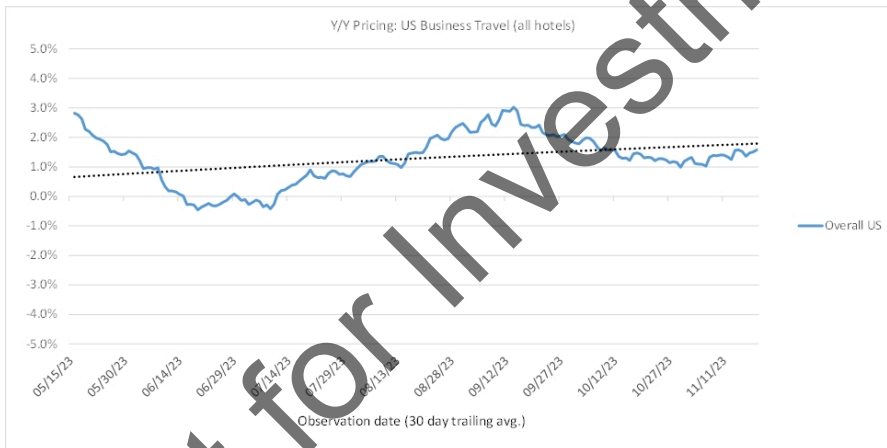
	Group Demand & Rate vs. Comparable Period			Geographic Guidance
	Full Year 2024			
	RN Pace	ADR	Revenue	
C-Corp				
H	-	-	+8%	U.S.
HLT	-	-	+18%	Global
MAR	+9%	+5%	+14%	U.S.
REIT				
DRH	-	-	+23%	U.S.
HST	-	-	+13%	Global
PEB	+9%	+2%	+11%	U.S.
PK	-	-	+18%	U.S.
RHP	-	-	+10%	U.S.
SHO	-	-	-	U.S.

Source: Truist Securities, company reports, HotelAVE

- **The “Easter shift” will be very impactful in 2024:** In 2023 Easter fell on April 9, which pretty much wiped-out group events for the week leading up to Easter, which has historically been the case for the week leading up to Easter Sunday. However for 2024, Easter shifts to March 31. Implications are that group business will be severely negatively impacted for that last week of March in 2024 (1Q) whereas the week leading up to April 9 will have an incredibly easy y/y comp (2Q).

Transient individual business: We observe the latest bookings having low-single digit pricing growth. Based on corporate bookings “big data” from TRIPBAM, pricing on corporate bookings has been holding steady at up low-single digits y/y. We plan to hold our next update webinar with TRIPBAM in mid-January to discuss the latest trends and observations for 2024. [TRIPBAM WEBINAR NOTE](#)

Exhibit 4:



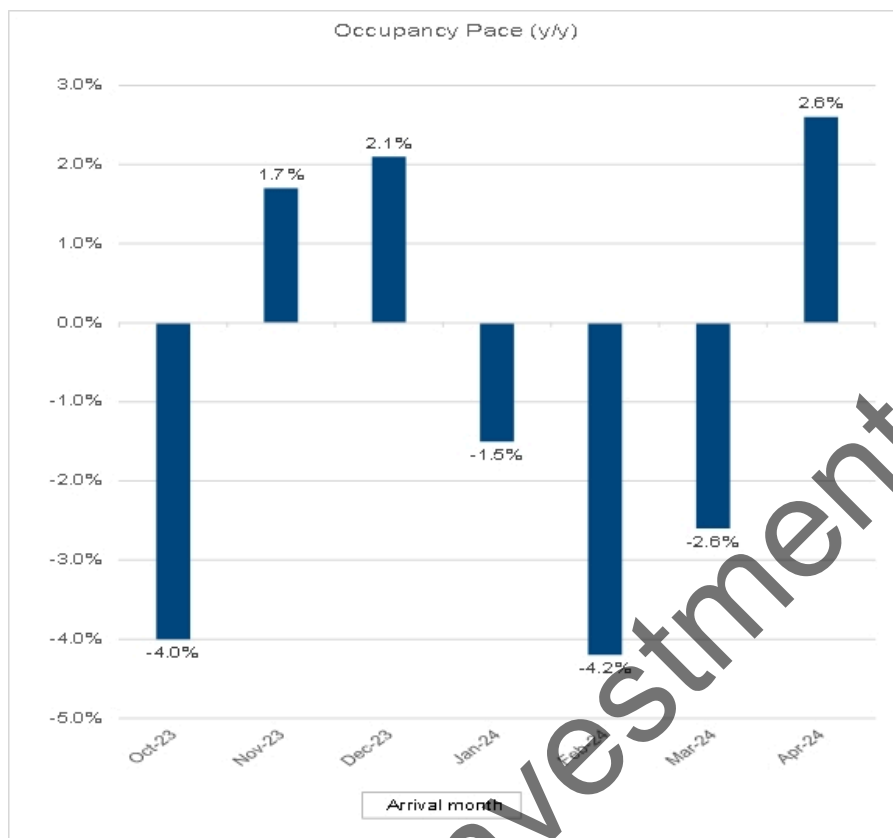
Source: TRIPBAM, Truist Securities.

Leisure (full-service resort hotels): Revenue pace for 4Q23 is tracking approx. +1-3% y/y, almost entirely from room rate growth.

- **Be aware of upcoming holiday shifts.** Based on data from resort analytics company Inntopia, we note there are several needle-moving holiday shifts in the upcoming months for leisure travel:
 - **Christmas and New Year’s.** 2024 leisure travel looks to start with a bang due to New Years Day shifting to a Monday from a Sunday. This shift subsequently makes it more likely that that entire first week of January will be a vacation week for many school districts. However, the week before Christmas will be more difficult to fill as some demand going to the above noted first week in January. Already we see outsized RevPAR strength for January in booking data for hotels at U.S. ski resorts but moderate softness in December; combining the two weeks, we believe there is still a modest positive net benefit from the shift.
 - **MLK.** Even though the holiday falls on a Monday in mid-January every year, booking pace for this holiday period is soft. We and Inntopia believe this may be due to the extended Christmas/New Year’s vacation pulling some business forward to early January.
 - **Easter:** While the shift will be most pronounced for group business, it will also have an impact on leisure travel. As seen in the RevPAR growth exhibit below, March, which will see school vacations during the last week of the month, should benefit from this shift, whereas April will be negatively impacted.

- Will summer 2024 be a return to “normalization” for U.S. leisure/resort hotels following 2023 where many Americans headed to Europe for vacations; or in other words will these Americans who finally got to visit Europe after not doing so since 2019 take their vacations in the U.S. after “checking the box” for international travel in 2023? While there is minimal hotel or short-term rental reservation data at this point to quantify such speculation nor will there be until around March of 2024, our intuition will be that *some* Americans who elected to travel internationally this year will decide to take their vacations domestically next year.
- To help gauge the strength/weakness of higher-end U.S. leisure travel we look at future occupancy, rate, and RevPAR pace for hotels at western U.S. ski resorts, popular destinations for both summer and winter vacations (source DestiMetrics). Please join us on Monday, December 18 as we host a webinar with Inntopia to discuss their latest observations and thoughts. Our observations on forward occupancy, ADR, and RevPAR for hotels at U.S. ski resorts:

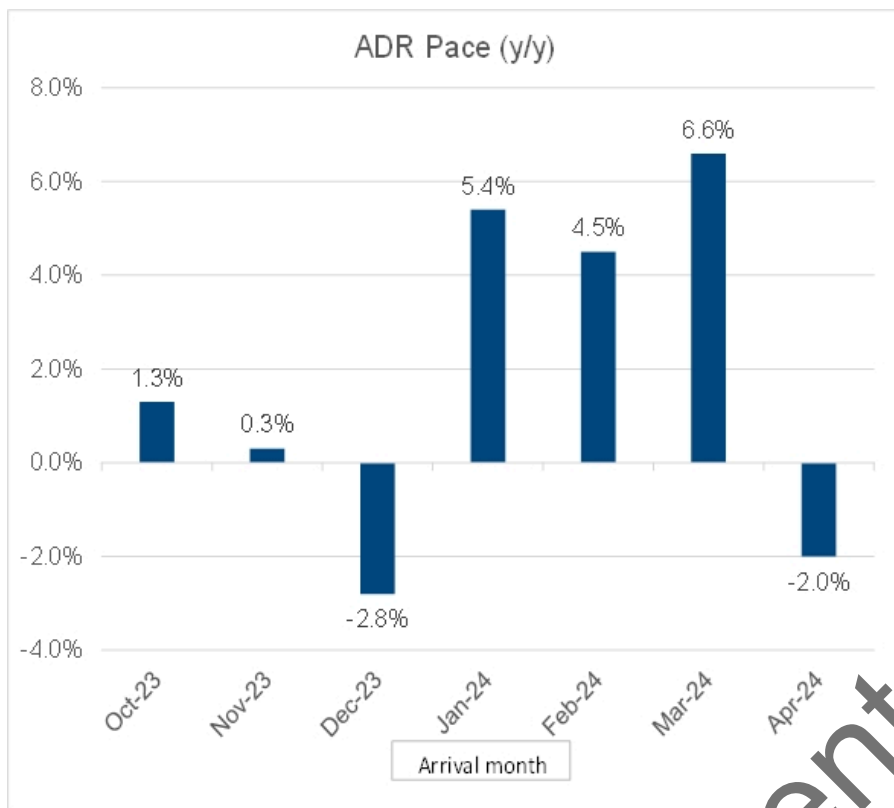
Exhibit 5:



Source: Inntopia, Truist Securities Research

Not for Investment Purposes

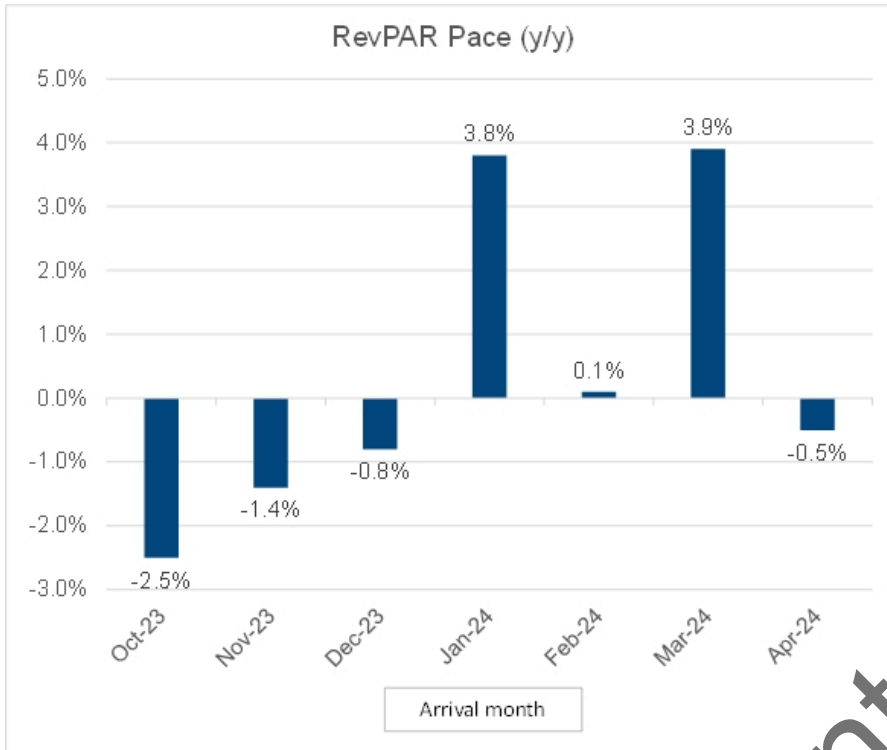
Exhibit 6:



Source: Inntopia, Truist Securities Research

Not for Investment Purposes

Exhibit 7:



Source: Inntopia, Truist Securities Research

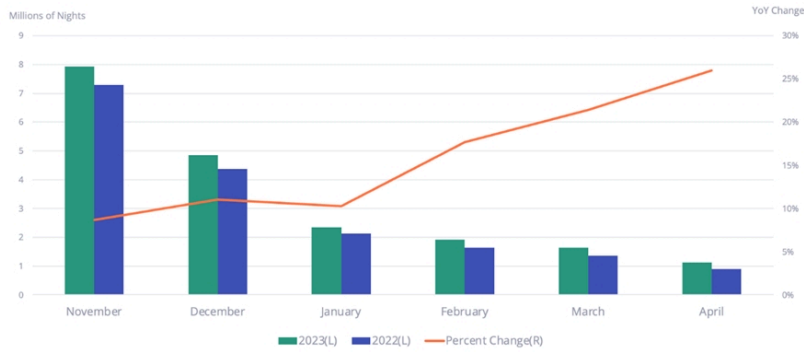
Additionally to gauge strength/weakness in leisure travel we look at data from Airdna. Forward-looking data on short term rentals from Airdna suggests continued strength in overall bookings/demand (which includes same-store plus new supply) through January 2024 with the pace of demand up 9-11%. The extended forecast improves up into the 18-25% range for February-April 2024, though this lofty pace is expected to decelerate as arrival dates get closer as guests are booking further in advance than at the same time last year. *However, given the tremendous amount of new-short term rental supply still coming in, this on top of several years of high supply growth, demand is being diluted among more properties and is pressuring same-store results as supply growth is greater than demand growth.* Short-term rental supply was up 16.8% y/y in October, implying that same-store occupancies have a significant headwind against them (which we clearly observe in our analysis of “big data” from Key Data further in this report).

Not for Investment Purposes

Exhibit 8:

Demand Pacing Over the Holidays at 9-11+% than Last Year
 U.S. Short-Term Rental Demand Pacing 2023 vs. 2022, as of end of October.

AIRDNA



Source: AIRDNA

Exhibit 9:

Available Listings Grow Again in October, Reaching 1.59M

U.S. Monthly Short-Term Available Listings

AIRDNA

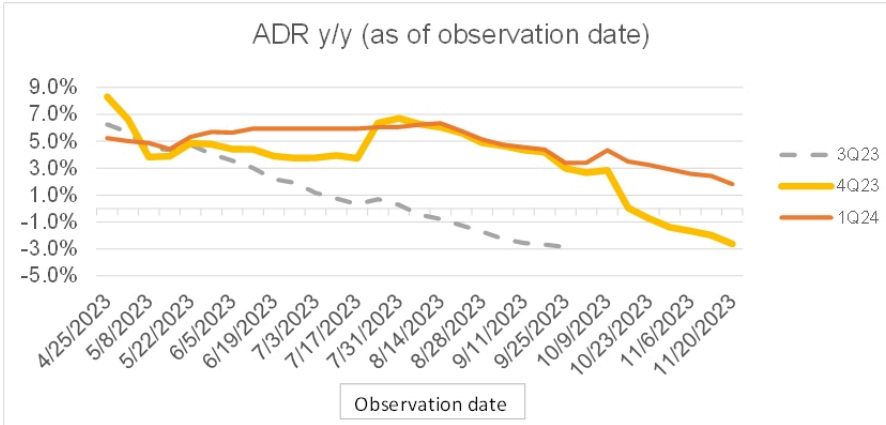


Source: AIRDNA

Finally, we wrap our leisure discussion with analysis from [Key Data](#). Our data set tracks bookings and pricing on thousands of U.S. condos and resorts, and we view Key Data as having about six months of forward visibility. In our review of Key Data, we see:

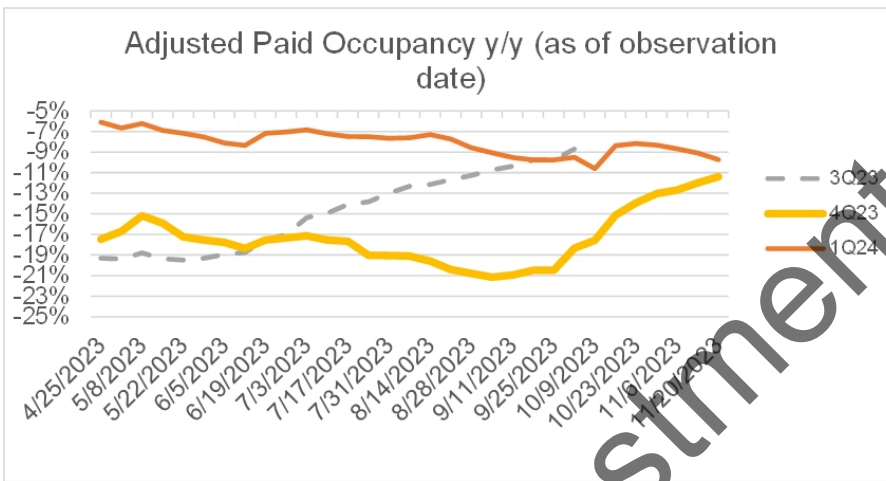
- **ADR down low-single digits for 4Q23 and while currently up low-single-digits y/y for 1Q24, the trend line suggests that quarter will also finish down low-single digits y/y.**
- **Same-store occupancy on the books extremely soft, the later which we mainly attribute to the tremendous amount of new short-term rental supply growth over the past several years.** As noted by Airdna, U.S. short-term rental supply is currently tracking up approx. 17% y/y.

Exhibit 10:



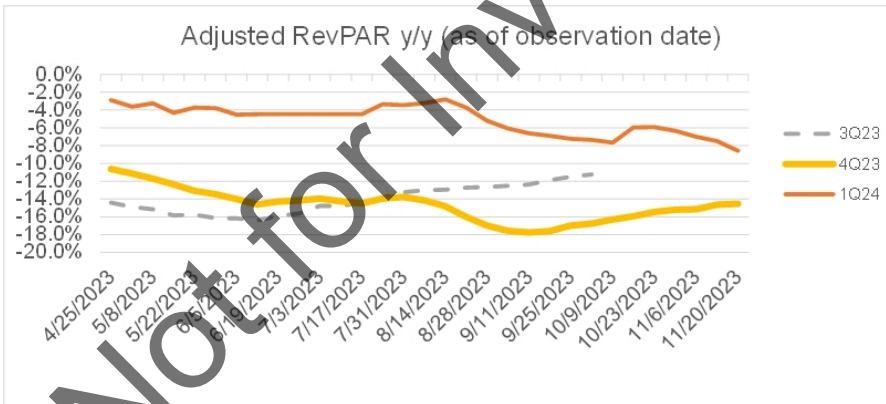
Source: Key Data, Truist Securities Research

Exhibit 11:



Source: Key Data, Truist Securities Research

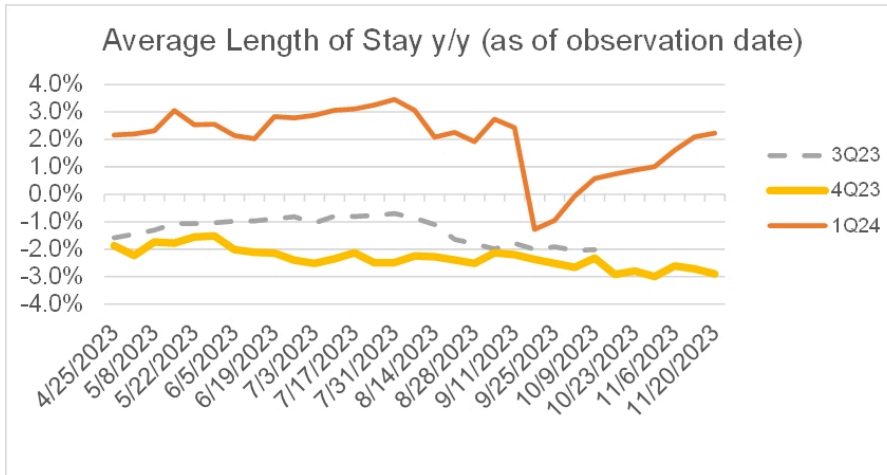
Exhibit 12:



Source: Key Data, Truist Securities Research

- **We also analyze length of stay from Key Data.** Interestingly, while length of stay was down low-single digits for the back half of 2023, it is currently tracking up low-single digits for 1Q24:

Exhibit 13:



Source: Key Data, Truist Securities Research

Exhibit 14:

Segmentation By Company			
Lodging REITs	Transient Corporate*	Transient Leisure	Group
DRH	35%	35%	30%
HST	40%	25%	35%
PEB	35%	40%	25%
PK	35%	35%	30%
RHP	5%	25%	70%
RLJ	55%	25%	20%
SHO	35%	30%	35%
C-corps	Transient Corporate*	Transient Leisure	Group
CHH	45%	45%	10%
H	20%	50%	30%
HLT	50%	20%	30%
MAR	50%	30%	20%
WH	30%	70%	less than 1%
Experiential Leisure	Transient Corporate	Transient Leisure	Group
MTN	0%	95%	5%
PLYA**	0%	90%	10%
Cruise Lines	Transient Corporate	Transient Leisure	Group
CCL	0%	100%	0%
NCLH	0%	100%	0%
RCL	0%	100%	0%
Vacation Ownership	Transient Corporate	Transient Leisure	Group
BVH	0%	100%	0%
HGV	0%	100%	0%
TNL	0%	100%	0%
VAC	0%	100%	0%

Source: Company reports, Truist Securities Research

H: Valuation and Risks

Our price target of \$143 is derived by applying a 14.2x target EV/EBITDA multiple (a blended average of the industry multiples for each business segment) to our estimate for 2024 EBITDA. Our sum-of-the-parts analysis on our 2024 segment multiple assumptions include (12.5x owned EBITDA u/c, 16x fees EBITDA u/c) and other segments/ALG (10-12x, u/c).

Risks to our rating and price target: Lodging recovery takes longer than expected. Planned dispositions take longer than expected. Material labor issues to owned hotels. Regional risks to the Caribbean including material new competitive supply growth. H pipeline growth slower than expected. Apple Leisure Group underperforms Hyatt's guidance.

RHP: Valuation and Risks

Our price target of \$123 for RHP is derived by applying a 13.0x target EV/EBITDA multiple to our estimate for 2024 lodging EBITDA and a 16.0x multiple to our Opry/attractions estimate. We view the multiple assignments as appropriate for the quality and unique nature of the portfolios (slight premium to REIT peer average of ~12.0-12.5x on Hospitality).

Risks to our rating and price target include: Group demand returns slower than expected. Property-specific risks given a small portfolio.

HLT: Valuation and Risks

We apply a blended multiple of 16.7x (11.5x for Owned/leased and 17.0x for Managed/franchised) to our 2024 adjusted EBITDA estimate to derive a price target of \$175. This multiple is above the high end of the historical range of 10x-16x which we view as appropriate based on current trading fundamentals/flight to quality consumer stocks.

Risks to our rating and price target:

Upside risks include: Higher than expected pipeline growth, material RevPAR growth (macroeconomic improvement beyond expectations), material market share gains.

Downside risks include: Growth trajectory could disappoint. Pipeline growth could either slow down or projects scheduled for construction could be canceled, which would diminish system growth for the firm and disappoint investors.

MAR: Valuation and Risks

Our \$221 price target is based on a 16.7x blended multiple on our 2024E EBITDA. In the parts, we assign a 13.0x multiple of EBITDA to the Owned segment and 17.0x fees EBITDA (the fees EBITDA also includes credit card branding fees, a 10x multiple business) to the managed/franchised business. The multiple is towards the higher end of the historical range of 9-18x.

Risks to our rating and price target:

Upside Risks: Significant U.S macroeconomic improvement results in large recovery in transient corporate and group/convention demand. Owned assets sell for premium prices relative to MAR expectations. Supply growth is stronger than expectations. Consolidation in the lodging industry benefits MAR.

Downside Risks: Deep macroeconomic recession. Geopolitical, inflation, and policy risks negatively impact lodging demand. Inability to grow pipeline in line with Street expectations.

Companies Mentioned in This Note

- Hyatt Hotels Corporation (H, \$114.19, Buy, C. Patrick Scholes)
- Hilton Worldwide Holdings Inc. (HLT, \$167.37, Hold, C. Patrick Scholes)
- Marriott International, Inc. (MAR, \$204.66, Hold, C. Patrick Scholes)
- Ryman Hospitality Properties, Inc. (RHP, \$99.05, Buy, C. Patrick Scholes)

Analyst Certification

I, C. Patrick Scholes, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject company(ies) and its (their) securities. I also certify that I have not been, am not, and will not be receiving direct or indirect compensation in exchange for expressing the specific recommendation(s) in this report.

I, Gregory J. Miller, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject company(ies) and its (their) securities. I also certify that I have not been, am not, and will not be receiving direct or indirect compensation in exchange for expressing the specific recommendation(s) in this report.

Required Disclosures

Truist Securities, Inc. or an affiliate managed or co-managed a securities offering for the following companies within the last 12 months: H-US and MAR-US

The following companies are clients of Truist Securities, Inc. for investment banking services within the last 12 months: H-US and MAR-US

Truist Securities, Inc. or an affiliate has received compensation for investment banking services within the last 12 months: H-US and MAR-US

Truist Securities, Inc. or an affiliate expects to receive or intends to seek compensation for investment banking services from the following company in the next three months: H-US

The following company is a client of Truist Securities, Inc. for non-securities-related services within the last 12 months: H-US

Truist Securities, Inc. or an affiliate has received compensation for non-securities related services within the last 12 months: H-US

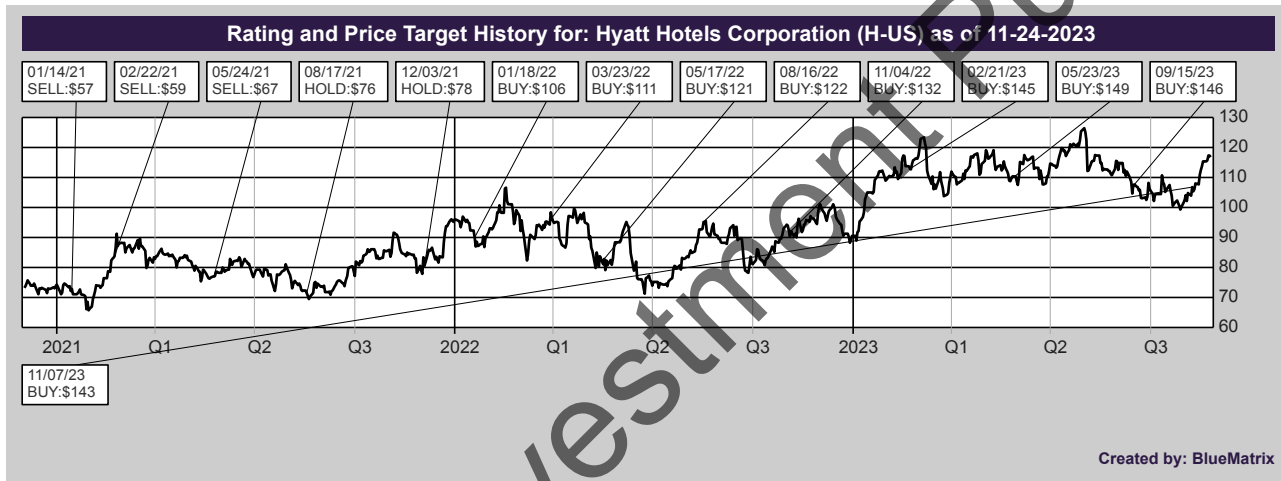
The following companies are clients of Truist Securities, Inc. for non-investment banking securities-related services within the last 12 months: HLT-US and MAR-US

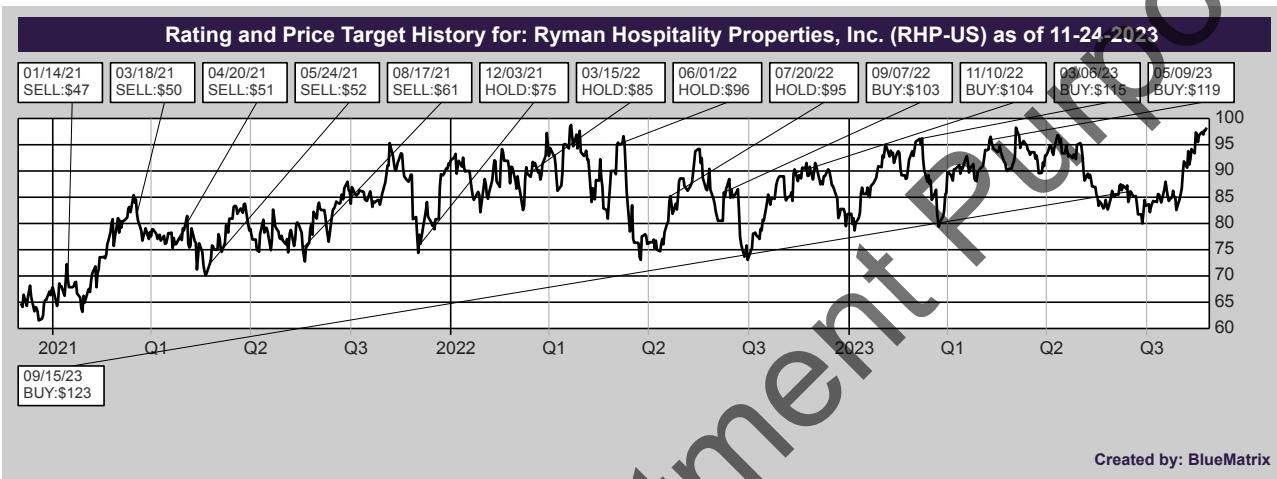
Truist Securities, Inc. makes a market in the following company: MAR-US

Truist Securities, Inc. or an affiliate has received compensation for non-investment banking services within the last 12 months: MAR-US

Analyst compensation is based upon stock price performance, quality of analysis, communication skills, and the overall revenue and profitability of the firm, including investment banking revenue.

As a matter of policy and practice, the firm prohibits the offering of favorable research, a specific research rating or a specific target price as consideration or inducement for the receipt of business or compensation. In addition, associated persons preparing research reports are prohibited from owning securities in the subject companies.





Truist Securities Ratings System for Equity Securities

Dissemination of Research

Truist Securities, Inc. ("Truist Securities") seeks to make all reasonable efforts to provide research reports simultaneously to all eligible clients. Reports are available as published in the restricted access area of our website to all eligible clients who have requested a password. Institutional investors, corporates, and members of the Press may also receive our research via third party vendors including: Thomson Reuters, Bloomberg, FactSet, and S&P Capital IQ. Additional distribution may be done by sales personnel via email, fax, or other electronic means, or regular mail.

For access to third party vendors or our Research website: <https://truistresearch.bluematrix.com/client/library.jsp>

Please email the Research Department at EquityResearchDepartment@truist.com or contact your Truist Securities sales representative.

Truist Securities Rating System for Equity Securities

Truist Securities, Inc. ("Truist Securities") rates individual equities using a three-tiered system. Each stock is rated relative to the broader market (generally the S&P 500) over the next 12-18 months (unless otherwise indicated).

Buy (B) – the stock's total return is expected to outperform the S&P 500 or relevant benchmark over the next 12-18 months (unless otherwise indicated)

Hold (H) – the stock's total return is expected to perform in line with the S&P 500 or relevant benchmark over the next 12-18 months (unless otherwise indicated)

Sell (S) – the stock's total return is expected to underperform the S&P 500 or relevant benchmark over the next 12-18 months (unless otherwise indicated)

Not Rated (NR) – Truist Securities does not have an investment rating or opinion on the stock

Coverage Suspended (CS) – indicates that Truist Securities' rating and/or target price have been temporarily suspended due to applicable regulations and/or Truist Securities Management discretion. The previously published rating and target price should not be relied upon.

Truist Securities analysts have a price target on the stocks that they cover, unless otherwise indicated. The price target represents that analyst's expectation of where the stock will trade in the next 12-18 months (unless otherwise indicated). If an analyst believes that there are insufficient valuation drivers and/or investment catalysts to derive a positive or negative investment view, they may elect

with the approval of Truist Securities Research Management not to assign a target price; likewise certain stocks that trade under \$5 may exhibit volatility whereby assigning a price target would be unhelpful to making an investment decision. As such, with Research Management's approval, an analyst may refrain from assigning a target to a sub-\$5 stock.

Legend for Rating and Price Target History Charts:

B = Buy

H = Hold

S = Sell

D = Drop Coverage

CS = Coverage Suspended

NR = Not Rated

I = Initiate Coverage

T = Transfer Coverage

Truist Securities ratings distribution (as of 11/29/2023):

Coverage Universe			Investment Banking Clients Past 12 Months		
Rating	Count	Percent	Rating	Count	Percent
Buy	456	65.14%	Buy	76	16.67%
Hold	239	34.14%	Hold	31	12.97%
Sell	5	0.71%	Sell	1	20.00%

Other Disclosures

Information contained herein has been derived from sources believed to be reliable but is not guaranteed as to accuracy and does not purport to be a complete analysis of the security, company or industry involved. This report is not to be construed as an offer to sell or a solicitation of an offer to buy any security. Truist Securities, Inc. and/or its officers or employees may have positions in any securities, options, rights or warrants. The firm and/or associated persons may sell to or buy from customers on a principal basis. Investors may be prohibited in certain states from purchasing some over the counter securities mentioned herein. Opinions expressed are subject to change without notice.

Truist Securities, Inc.'s research is primarily provided to and intended for use by Institutional Accounts as defined in FINRA Rule 4512(c). The term "Institutional Account" shall mean the account of: (1) a bank, savings and loan association, insurance company or registered investment company; (2) an investment adviser registered either with the SEC under Section 203 of the Investment Advisers Act or with a state securities commission (or any agency or office performing like functions); or (3) any other person (whether a natural person, corporation, partnership, trust or otherwise) with total assets of at least \$50 million. In addition, certain affiliates of Truist Securities, Inc., including Truist Investment Services, Inc. (an SEC registered broker-dealer and a member of FINRA, SIPC) and Truist Advisory Services, Inc. (an investment adviser registered with the SEC), may make Truist Securities, Inc. research available, upon request, to certain of their clients from time to time.

Truist Securities, Inc. is a registered broker-dealer and a member of FINRA and SIPC. It is a service mark of Truist Financial Corporation. Truist Securities, Inc. is owned by Truist Financial Corporation and affiliated with Truist Investment Services, Inc. Despite this affiliation, securities recommended, offered, sold by, or held at Truist Securities, Inc. or Truist Investment Services, Inc. (i) are not insured by the Federal Deposit Insurance Corporation; (ii) are not deposits or other obligations of any insured depository institution (including Truist Bank); and (iii) are subject to investment risks, including the possible loss of the principal amount invested. Truist Bank may have a lending relationship with companies mentioned herein.

Please see our Disclosure Database to search by ticker or company name for the current required disclosures, including valuation and risks. Link: <https://truist.bluematrix.com/sellside/Disclosures.action>

Please visit the Truist Securities equity research library for current reports and the analyst roster with contact information. Link: <https://truistresearch.bluematrix.com/client/library.jsp>

Truist Securities, Inc., member FINRA and SIPC. Truist, Truist Bank, Truist Securities, Truist Investment Services, and Truist Advisory Services are service marks of Truist Financial Corporation.

If you no longer wish to receive this type of communication, please request removal by sending an email to EquityResearchDepartment@truist.com

© Truist Securities, Inc. 2023. All rights reserved. Reproduction or quotation in whole or part without permission is forbidden.

ADDITIONAL INFORMATION IS AVAILABLE at our website, TruistSecurities.com, or by writing to: Truist Securities, Research Department, 3333 Peachtree Road N.E., Atlanta, GA 30326-1070