

Equity Research Report October 11, 2023

CONSUMER: Lodging

C. Patrick Scholes

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

Gregory J. Miller

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

Barry Jonas

212-590-0998 Barry.Jonas@truist.com

Vishaal Shekara

212-319-5834 Vishaal.Shekara@truist.com

11 Page Document

Reasons for this report

✓ Our analysis of the most recent weekly US lodging results

Lodging: US RevPAR +5% y/y last week, +18% vs. 2019; Yom Kippur holiday shift. Soft Columbus Day weekend results.

Overall U.S. RevPAR was +5.2% y/y for the week ending 10/7/2023, per STR, slightly below the prior week's result of +5.4%, but above the trailing 10-week average of +2.1%. Versus 2019, RevPAR was +18.4%, slightly below the prior week's result of +18.7% but above the trailing 10-week average of +14.2%.

Last week had an easy comp due to the timing of the Jewish High Holidays (as expected). Group demand was unsurprisingly up y/y. Early weekend demand for Columbus Day (which was a clean comp for 2019/2022/2023) appeared soft to us, mostly on lower-rated chain scale occupancy with Midscale -3% and Economy -4% for Friday/Saturday.

While we do not suggest overemphasis on soft holiday leisure demand as Columbus Day is not a major holiday, from a clean comp basis it is evident that all chain scales were down y/y for Friday/Saturday. Midscale and Economy ADR was flattish for the weekend which adds to the top-line and margin pressures facing the lower-rated hotels in the U.S. (see our HotStats expert call takeaways note). Resort ADR seemed OK at +5% on Saturday suggesting to us more of the weekend leisure headwinds may have been for middle class travelers.

Group RevPAR was +29.5% y/y last week although on a running 28 days, solely focusing on 2023 performance, Group occupancy and ADR have remained steady and strong (group occupancy of 25-26%).

As a rule of thumb when analyzing the weekly data, if Group results are abnormally strong or weak, which they were last week, there is a holiday shift going on.

Major RevPAR statistics presented below:

- Luxury RevPAR: +8.2% y/y and +22.1% versus 2019;
- Upper Upscale RevPAR: +13.2% y/y and +15.5% versus 2019;
- Upscale RevPAR: +6.9% y/y and +11.9% versus 2019;
- Upper Midscale RevPAR: +0.9% y/y and +13.9% versus 2019;
- Midscale RevPAR: -2.2% y/y and +14.9% versus 2019;
- Economy RevPAR: -4.3% y/y and +12.7% versus 2019;
- Independent hotels (~ 1/3rd of the data set) RevPAR: +3.1% y/y and +23.0% versus 2019; and
- · Within Upper Upscale & Luxury class hotels:
 - Group: +29.5% y/y vs. +14.6% prior week; versus 2019: +35.8% vs +17.5% prior week
 - Transient: +2.0% y/y vs. +6.0% prior week; versus 2019: +14.9% vs +19.8% prior week.
- Las Vegas RevPAR: +5.2% y/y and +47.9% versus 2019.
 - As a caveat, we note that many large Strip casino hotel operators do not participate in STR's survey.

<u>Last week's RevPAR details and sequential trends (all comparable information on new STR methodology):</u>

- Headline RevPAR was +5.2% y/y vs. the running 28-day average of +2.9% y/y.
- Occupancy: Absolute occupancy was 67.8% vs. 67.6% for the running 28-day average.
- Absolute Group occupancy: 26.3% last week vs. 25.3% for the running 28 days.

The lodging stocks: 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.

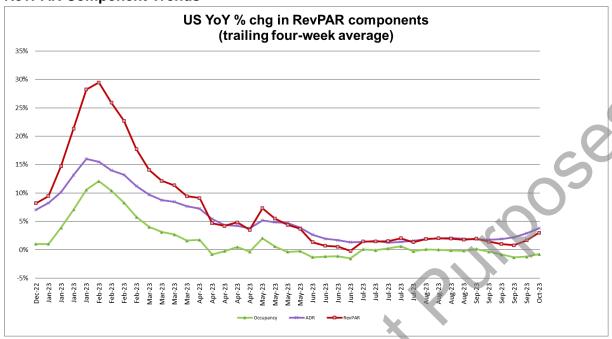
- Of the lodging stocks our favorite name continues to be Hyatt Hotels Corp. (H, Buy), which we see having several idiosyncratic catalysts. Hyatt is a beneficiary of group strength primarily through its legacy portfolio but also to an extent due to the acquired Apple Leisure Group, the recovery of international higher-rated travel, and particular strength in leisure demand to the Caribbean and Europe, a continued push to asset-light, a leading global rooms pipeline, and improved FCF story. Hyatt generates approx. 30% of earnings from the group segment and 30% from its Caribbean-centric Apple Leisure Group business.
- For the hotel REITS, our favorite name is RHP (Buy). With 75% of its business coming from groups/conventions, Ryman Hospitality Properties 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 benefiting 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 peak of the pandemic.

Weekly RevPAR Summary

						Y	oY % char	nge in Rev	/PAR					
	-	U.S.	Lucium	Upper Upscale	Unacala	Upper Midscale			Inde- pendent	New	Danton		Chicana	DC
6/17/2	/2023	1.5%	Luxury -1.6%	3.4%	Upscale 3.4%	1.6%	Midscale -2.3%	Economy -4.5%	0.4%	York 3.3%	-10.9%	LA 13.3%	Chicago 3.5%	7.2%
6/24/2		-0.1%	-3.3%	-0.1%	2.2%	1.5%	-2.3%	-3.6%	-1.9%	-2.2%	4.8%	3.5%	-6.5%	4.6%
	/2023	5.7%	1.8%	9.5%	9.4%	7.7%	3.0%	0.2%	1.2%	21.1%	30.9%	-1.6%	7.8%	18.6%
7/8/2	/2023	-1.2% 1.6%	0.3% -1.8%	0.6% 3.1%	-2.6% 3.9%	-3.2% 2.1%	-4.5% -1.0%	-3.5% -1.8%	0.2% 0.1%	14.7% 5.7%	-0.4% 4.2%	-1.3% -1.7%	-4.3% -8.9%	-2.0% 8.6%
7/22/2		2.0%	0.3%	5.3%	4.5%	3.0%	-0.7%	-3.5%	-1.2%	21.2%	16.2%	-4.8%	8.8%	18.9%
7/29/2	/2023	2.9%	1.5%	4.8%	5.7%	3.0%	0.1%	-2.6%	0.9%	22.0%	4.4%	0.4%	-8.8%	15.5%
	/2023	1.2%	3.2%	3.4%	3.2%	0.8%	-1.7%	-3.7%	-0.8%	23.3%	25.4%	15.5%	13.5%	15.2%
8/12/2 8/19/2		2.0% 1.8%	3.1% -2.8%	4.2% 4.4%	4.2% 3.7%	1.5% 1.8%	-1.0% -1.1%	-2.9% -2.6%	0.5% 0.6%	16.3% 19.7%	5.4% 11.6%	23.0% 2.6%	6.1% -3.2%	6.1% 3.3%
8/26/2		2.1%	-2.6% -4.2%	4.4%	4.1%	2.2%	-1.1%	-2.6%	1.6%	14.0%	-1.9%	0.6%	-6.5%	9.6%
	/2023	2.0%	-1.8%	3.1%	3.7%	1.6%	-1.2%	-3.3%	2.1%	14.1%	3.6%	3.1%	-3.7%	14.7%
	/2023	-0.1%	-2.3%	1.0%	1.9%	0.3%	-2.1%	-3.6%	-1.5%	15.1%	6.0%	-12.2%	1.8%	11.1%
9/16/2		0.1%	-3.3%	1.2%	2.8%	1.1%	-2.6%	-4.9%	-1.9%	11.3%	5.0%	-8.7%	-20.0%	9.1%
9/23/2 9/30/2		1.2% 5.4%	-0.5%	2.7%	4.2% 6.8%	1.8% 2.7%	-1.1%	-4.0% -4.9%	-1.5%	17.6% 17.3%	13.0%	-4.5%	8.9%	11.8% 20.3%
10/7/2		5.4%	5.3% 8.2%	9.7% 13.2%	6.9%	0.9%	-0.9% -2.2%	-4.9% -4.3%	5.6% 3.1%	22.3%	3.8% 23.1%	3.0% 8.9%	-3.6% 23.0%	15.3%
		١	om Kippur cal	lendar shift		Upper U	pscale and L	uxury led the	industry	Во	oston and Cl	hicago led t	he Top 5 mai	kets
		1												
	1Q19 2Q19	1.5% 1.1%	-0.7% 1.1%	1.2% 0.5%	-0.5% -0.4%	0.4% 0.0%	-0.1% -0.7%	1.9% 1.7%	3.1% 2.4%	-7.1% -1.8%	-2.1% 4.5%	-1.7% 1.6%	-4.5% -0.1%	-2.4% -1.5%
	3Q19	0.7%	1.3%	1.1%	-0.5%	-0.1%	-1.0%	-0.9%	1.6%	-2.2%	-0.4%	-0.2%	-2.2%	4.5%
4	4Q19	0.7%	3.6%	1.0%	-0.6%	-1.0%	-2.7%	-1.5%	2.3%	-4.1%	-11.6%	1.1%	-0.7%	5.2%
	1Q22	67.2%	112.3%	127.2%	69.7%	51.0%	38.2%	24.3%	58.3%	97.1%	137.1%	115.2%	85.1%	58.1%
	2Q22 3Q22	38.8% 16.6%	70.2% 27.7%	82.9% 36.6%	46.8% 22.5%	26.2% 10.8%	15.4% 3.5%	8.8% 0.0%	27.7% 11.3%	141.2% 67.4%	172.1% 59.9%	51.0% 21.4%	109.5% 48.1%	145.7% 54.6%
	4Q22	16.3%	19.7%	30.1%	20.5%	11.7%	5.1%	1.4%	12.3%	50.8%	35.8%	11.4%	37.3%	53.2%
	1Q23	16.7%	16.0%	29.8%	20.4%	13.4%	4.8%	0.8%	12.9%	46.6%	35.0%	11.6%	26.6%	56.7%
2	2Q23	2.5%	-2.3%	5.1%	5.8%	3.8%	-0.4%	-3.8%	-0.6%	13.3%	11.2%	1.2%	12.1%	17.4%
	_						YoY % ch	ange in A						
		U.S.	Luxury	Upper Upscale	Upscale	Upper Midscale	Midscale	Economy	Inde- pendent	New York	Boston	LA	Chicago	DC
6/17/2	/2023	2.6%	0.0%	2.0%	2.8%	2.2%	0.6%	0.1%	2.5%	5.0%	-7.9%	12.7%	5.4%	7.4%
6/24/2		0.9%	-1.5%	0.8%	1.8%	1.5%	-0.3%	-0.6%	0.0%	0.8%	2.9%	1.5%	-1.9%	5.8%
	/2023	1.5%	-3.1%	2.1%	3.1%	2.4%	0.6%	-0.2%	-1.0%	8.5%	12.3%	-1.6%	4.3%	9.6%
	/2023	1.2%	-0.8%	0.0%	0.4%	0.9%	-0.4%	-0.2%	1.3%	3.0%	-0.5%	-2.0%	-2.9%	0.4%
7/15/2 7/22/2		1.5% 1.5%	-2.1% -2.9%	0.9% 1.2%	1.9% 1.9%	1.9% 2.0%	0.1% -0.4%	0.4% -0.1%	1.0% 0.2%	1.1% 8.3%	1.3% 9.9%	-1.7% -4.3%	-5.6% 4.8%	5.9% 9.1%
7/29/2		2.3%	-2.8%	1.1%	2.5%	2.0%	0.4%	0.6%	2.3%	10.3%	1.9%	-2.5%	-8.0%	7.0%
	/2023	2.2%	-0.5%	1.5%	2.6%	1.9%	0.1%	0.7%	1.5%	11.6%	11.5%	7.7%	9.2%	7.1%
8/12/2		2.0%	-0.7%	0.8%	2.1%	1.9%	0.1%	0.3%	1.8%	8.3%	1.7%	8.4%	2.9%	3.4%
8/19/2		1.8%	-4.0%	0.7%	2.3%	2.1%	0.0%	0.4%	2.1%	10.7%	5.8%	0.5%	-2.9%	2.7%
8/26/2	/2023	1.7% 1.8%	-4.4% -3.9%	0.8% 0.3%	2.1% 1.8%	1.7% 1.8%	-0.4% -0.4%	-0.2% -0.7%	2.4%	8.6% 8.1%	-1.1% 0.3%	0.1% 1.8%	-4.7% -3.7%	4.1% 6.3%
	/2023	1.8%	-2.1%	0.4%	2.3%	2.0%	0.0%	-0.7%		11.5%	1.4%	-3.4%	-1.5%	5.2%
9/16/2		2.3%	1.3%	2.1%	3.1%	2.8%	-0.1%	-1.0%		10.5%	2.4%	-4.8%	-13.1%	6.2%
9/23/2		2.9%	0.5%	1.9%	3.2%	3.0%	1.0%	0.3%	2.7%	16.5%	7.5%	-1.5%	2.8%	7.8%
9/30/2		4.6%	-2.1%	3.5%	3.5%	2.8%	0.6%	-0.7%	6.2%	13.7%	2.2%	0.5%	-3.7%	10.9%
10/7/2	/2023	5.4%	0.1%	6.0%	5.2%	3.1%	0.4%	-0.4%	5.0%	13.9%	13.1%	2.4%	10.7%	9.9%
	1Q19	1.1%	2.2%	2.5%	1.0%	0.8%	-0.2%	-0.3%	1.0%	-3.8%	0.7%	-1.0%	-2.4%	1.5%
	2Q19	1.2%	2.5%	1.4%	0.6%	0.7%	-0.2%	0.6%	1.7%	-1.0%	3.2%	0.8%	-1.7%	0.2%
	3Q19 4Q19	0.8% 0.7%	1.5% 2.4%	1.3% 0.6%	0.2% -0.4%	-0.1% -0.3%	-0.5% -1.0%	-0.5% -1.0%	1.6% 1.9%	-1.9% -3.7%	0.9% -5.5%	-0.2% 0.3%	-2.8% -2.2%	4.0% 3.9%
1	1Q22	37.5%	21.0%	39.7%	34.1%	27.3%	20.8%	17.3%	34.0%	52.2%	50.5%	61.8%	41.1%	31.7%
2	2Q22	26.2%	14.3%	29.0%	27.1%	18.9%	14.8%	11.8%	20.5%	69.0%	73.6%	32.9%	53.6%	60.6%
	3Q22 4Q22	11.6% 12.0%	6.7% 6.5%	12.6% 12.6%	13.3% 13.7%	7.6% 8.7%	5.9% 6.2%	4.2% 4.5%	8.9% 10.2%	32.6% 28.0%	30.0% 20.5%	14.6% 8.4%	25.4% 20.2%	25.5% 27.9%
	1Q23	10.2%	-1.9%	8.4%	11.0%	8.1%	4.7%	3.8%	9.1%	13.4%	15.6%	3.8%	11.5%	24.4%
2	2Q23	3.2%	-1.2%	2.5%	4.3%	3.5%	1.6%	0.9%	2.1%	9.6%	5.8%	2.5%	8.5%	11.6%
						Yol	/ % chang	e in Occu	pancy					
	_			Upper		Upper			Inde-	New				
6/17/2	/2023	U.S. -1.1%	Luxury -1.6%	Upscale 1.3%	Upscale 0.5%	Midscale -0.6%	Midscale -2.9%	Economy -4.6%	pendent -2.1%	York -1.6%	-3.3%	LA 0.5%	Chicago -1.8%	-0.2%
6/24/2		-1.0%	-1.8%	-0.8%	0.4%	0.0%	-2.0%	-2.9%	-1.9%	-2.9%	1.9%	2.0%	-4.7%	-1.1%
	/2023	4.1%	5.1%	7.2%		5.2%	2.3%	0.4%	2.3%	11.6%	16.6%	-0.1%	3.3%	8.2%
	/2023	-2.3%	1.2%	0.6%	-2.9%	-4.1%	-4.1%	-3.3%	-1.1%	11.4%	0.1%	0.7%	-1.5%	-2.4%
7/15/2 7/22/2		0.1% 0.5%	0.2% 3.4%	2.2% 4.1%	1.9% 2.5%	0.2% 1.0%	-1.1% -0.3%	-2.1% -3.4%	-0.9% -1.5%	4.6% 11.8%	2.8% 5.8%	0.0% -0.6%	-3.5% 3.9%	2.6% 9.0%
7/29/2		0.5%	3.4% 4.4%	3.6%	2.5% 3.1%	0.8%	-0.3% -0.1%	-3.4% -3.1%	-1.5% -1.4%	10.6%	2.4%	3.0%	-0.8%	7.9%
	/2023	-1.0%	3.7%	1.9%	0.6%	-1.1%	-1.8%	-4.3%	-2.2%	10.4%	12.4%	7.2%	3.9%	7.6%
	/2023	0.0%	3.9%	3.3%	2.1%	-0.4%	-1.1%	-3.3%	-1.3%	7.3%	3.7%	13.5%	3.2%	2.6%
8/12/2		-0.1%	1.2% 0.3%	3.7% 3.2%	1.4% 2.0%	-0.3%	-1.0%	-2.9%	-1.5% -0.8%	8.1% 5.0%	5.4%	2.1%	-0.3%	0.5% 5.2%
8/12/2 8/19/2					2.0%	0.5%	-0.6%	-2.2%		5.0%	-0.8%	0.5%	-1.8%	J. 270
8/12/2 8/19/2 8/26/2	/2023	0.4% 0.2%				-0.2%	-0.9%	-2.6%	-0.5%		3.2%	1.3%	0.0%	7.9%
8/12/2 8/19/2 8/26/2 9/2/2 9/9/1	/2023 /2023 /2023	0.2% -1.9%	2.2% -0.3%	2.7% 0.5%	1.9% -0.4%	-0.2% -1.6%	-0.9% -2.1%	-2.6% -3.0%	-0.5% -3.7%	3.2%	3.2% 4.6%	1.3% -9.2%	0.0% 3.4%	7.9% 5.5%
8/12/2 8/19/2 8/26/2 9/2/2 9/9/1 9/16/2	/2023 /2023 /2023 /2023	0.2% -1.9% -2.2%	2.2% -0.3% -4.5%	2.7% 0.5% -0.9%	1.9% -0.4% -0.3%	-1.6% -1.6%	-2.1% -2.5%	-3.0% -3.9%	-3.7% -3.7%	3.2% 0.8%	4.6% 2.6%	-9.2% -4.1%	3.4% -7.9%	5.5% 2.7%
8/12/2 8/19/2 8/26/2 9/2/2 9/9/2 9/16/2 9/23/2	/2023 /2023 /2023 /2023 /2023	0.2% -1.9% -2.2% -1.6%	2.2% -0.3% -4.5% -1.0%	2.7% 0.5% -0.9% 0.8%	1.9% -0.4% -0.3% 1.0%	-1.6% -1.6% -1.1%	-2.1% -2.5% -2.1%	-3.0% -3.9% -4.3%	-3.7% -3.7% -4.1%	3.2% 0.8% 0.9%	4.6% 2.6% 5.0%	-9.2% -4.1% -3.0%	3.4% -7.9% 5.9%	5.5% 2.7% 3.7%
8/12/2 8/19/2 8/26/2 9/2/2 9/9/3 9/16/2 9/23/2 9/30/2	/2023 /2023 /2023 /2023 /2023 /2023	0.2% -1.9% -2.2% -1.6% 0.8%	2.2% -0.3% -4.5% -1.0% 7.5%	2.7% 0.5% -0.9% 0.8% 6.0%	1.9% -0.4% -0.3% 1.0% 3.2%	-1.6% -1.6% -1.1% -0.1%	-2.1% -2.5% -2.1% -1.5%	-3.0% -3.9% -4.3% -4.2%	-3.7% -3.7% -4.1% -0.6%	3.2% 0.8% 0.9% 3.2%	4.6% 2.6% 5.0% 1.5%	-9.2% -4.1% -3.0% 2.5%	3.4% -7.9% 5.9% 0.1%	5.5% 2.7% 3.7% 8.5%
8/12/2 8/19/2 8/26/2 9/2/2 9/9/1 9/16/2 9/23/2 9/30/2 10/7/2	/2023 /2023 /2023 /2023 /2023 /2023 /2023	0.2% -1.9% -2.2% -1.6% 0.8% -0.2%	2.2% -0.3% -4.5% -1.0% 7.5% 8.1%	2.7% 0.5% -0.9% 0.8% 6.0% 6.7%	1.9% -0.4% -0.3% 1.0% 3.2% 1.7%	-1.6% -1.6% -1.1% -0.1% -2.1%	-2.1% -2.5% -2.1% -1.5% -2.5%	-3.0% -3.9% -4.3% -4.2% -4.0%	-3.7% -3.7% -4.1% -0.6% -1.8%	3.2% 0.8% 0.9% 3.2% 7.4%	4.6% 2.6% 5.0% 1.5% 8.8%	-9.2% -4.1% -3.0% 2.5% 6.3%	3.4% -7.9% 5.9% 0.1% 11.2%	5.5% 2.7% 3.7% 8.5% 4.9%
8/12/2 8/19/2 8/26/2 9/2/2 9/9/1 9/16/2 9/23/2 9/30/2 10/7/2	/2023 /2023 /2023 /2023 /2023 /2023 /2023	0.2% -1.9% -2.2% -1.6% 0.8% -0.2%	2.2% -0.3% -4.5% -1.0% 7.5% 8.1%	2.7% 0.5% -0.9% 0.8% 6.0% 6.7%	1.9% -0.4% -0.3% 1.0% 3.2% 1.7%	-1.6% -1.6% -1.1% -0.1% -2.1%	-2.1% -2.5% -2.1% -1.5% -2.5%	-3.0% -3.9% -4.3% -4.2% -4.0%	-3.7% -3.7% -4.1% -0.6% -1.8%	3.2% 0.8% 0.9% 3.2% 7.4%	4.6% 2.6% 5.0% 1.5% 8.8%	-9.2% -4.1% -3.0% 2.5% 6.3% -0.7%	3.4% -7.9% 5.9% 0.1% 11.2%	5.5% 2.7% 3.7% 8.5% 4.9%
8/12/2 8/19/2 8/26/2 9/2/2 9/99/9 9/16/2 9/23/2 9/30/2 10/7/2	//2023 //2023 //2023 //2023 //2023 //2023 //2023 //2023 //2023	0.2% -1.9% -2.2% -1.6% 0.8% -0.2% -0.4% -0.1%	2.2% -0.3% -4.5% -1.0% 7.5% 8.1% -2.8% -1.4%	2.7% 0.5% -0.9% 0.8% 6.0% 6.7% -1.3% -0.9%	1.9% -0.4% -0.3% 1.0% 3.2% 1.7% -1.4% -1.0%	-1.6% -1.6% -1.1% -0.1% -2.1% -0.5% -0.7%	-2.1% -2.5% -2.1% -1.5% -2.5% 0.0% -0.6%	-3.0% -3.9% -4.3% -4.2% -4.0% 2.3% 1.1%	-3.7% -3.7% -4.1% -0.6% -1.8% 2.1% 0.7%	3.2% 0.8% 0.9% 3.2% 7.4% -3.5% -0.7%	4.6% 2.6% 5.0% 1.5% 8.8% -2.8% 1.3%	-9.2% -4.1% -3.0% 2.5% 6.3% -0.7% 0.8%	3.4% -7.9% 5.9% 0.1% 11.2% -2.2% 1.7%	5.5% 2.7% 3.7% 8.5% 4.9% -3.8% -1.7%
8/12/2 8/19/2 8/26/2 9/2/2 9/9/2 9/16/2 9/23/2 9/30/2 10/7/2	/2023 /2023 /2023 /2023 /2023 /2023 /2023	0.2% -1.9% -2.2% -1.6% 0.8% -0.2%	2.2% -0.3% -4.5% -1.0% 7.5% 8.1%	2.7% 0.5% -0.9% 0.8% 6.0% 6.7% -1.3% -0.9% -0.2% 0.4%	1.9% -0.4% -0.3% 1.0% 3.2% 1.7%	-1.6% -1.6% -1.1% -0.1% -2.1%	-2.1% -2.5% -2.1% -1.5% -2.5%	-3.0% -3.9% -4.3% -4.2% -4.0%	-3.7% -3.7% -4.1% -0.6% -1.8% -1.8% 0.7% 0.0% 0.4%	3.2% 0.8% 0.9% 3.2% 7.4%	4.6% 2.6% 5.0% 1.5% 8.8%	-9.2% -4.1% -3.0% 2.5% 6.3% -0.7%	3.4% -7.9% 5.9% 0.1% 11.2%	5.5% 2.7% 3.7% 8.5% 4.9% -3.8% -1.7% 0.4%
8/12/3 8/19/3 8/26/3 9/2/3 9/16/3 9/23/3 9/30/3 10/7/3	72023 72023 72023 72023 72023 72023 72023 72023 72023 72023 72023 72023 72023 72023 72023	0.2% -1.9% -2.2% -1.6% 0.8% -0.2% 0.4% -0.1% -0.1% -0.1% 56.2%	2.2% -0.3% -4.5% -1.0% -7.5% 8.1% -2.8% -1.4% -0.2% -1.2% -54.0%	2.7% 0.5% -0.9% 0.8% 6.0% 6.7% -1.3% -0.9% -0.2% 0.4% 53.2%	1.9% -0.4% -0.3% 1.0% 3.2% 1.7% -1.4% -1.0% -0.7% -0.2% 60.3%	-1.6% -1.6% -1.1% -0.1% -2.1% -0.5% -0.7% -0.0% -0.8% -59.4%	-2.1% -2.5% -2.1% -1.5% -2.5% -0.6% -0.6% -0.5% -1.7%	-3.0% -3.9% -4.3% -4.2% -4.0% -2.3% -1.1% -0.4% -0.4% -55.5%	-3.7% -3.7% -4.1% -0.6% -1.8% -2.1% 0.7% 0.0% 0.4% -54.2%	3.2% 0.8% 0.9% 3.2% 7.4% -3.5% -0.7% -0.3% -0.4% 29.5%	4.6% 2.6% 5.0% 1.5% 8.8% -2.8% 1.3% -1.4% -6.5%	-9.2% -4.1% -3.0% 2.5% 6.3% -0.7% 0.8% 0.1% 0.8%	3.4% -7.9% 5.9% 0.1% 11.2% -2.2% 1.7% 0.6% 1.5%	5.5% 2.7% 3.7% 8.5% 4.9% -3.8% -1.7% 0.4% 1.3% 20.1%
8/12/2 8/19/2 8/26/2 9/2/2 9/30/2 10/7/2 1 2 3 4 1 1 2 2	/2023 /2023 /2023 /2023 /2023 /2023 /2023 /2023 /2023 /2023 /2023 /2023 /2023 /2023 /2023	0.2% -1.9% -2.2% -1.6% 0.8% -0.2% -0.1% -0.1% -0.1%	2.2% -0.3% -4.5% -1.0% 7.5% 8.1% -2.8% -1.4% -0.2% 1.2%	2.7% 0.5% -0.9% 0.8% 6.0% 6.7% -1.3% -0.9% -0.2% 0.4%	1.9% -0.4% -0.3% 1.0% 3.2% 1.7% -1.4% -1.0% -0.7% -0.2%	-1.6% -1.6% -1.1% -0.1% -2.1% -0.5% -0.7% 0.0% -0.8%	-2.1% -2.5% -2.1% -1.5% -2.5% -0.6% -0.6% -1.7%	-3.0% -3.9% -4.3% -4.2% -4.0% -2.3% 1.1% -0.4% -0.4%	-3.7% -3.7% -4.1% -0.6% -1.8% -1.8% 0.7% 0.0% 0.4%	3.2% 0.8% 0.9% 3.2% 7.4% -3.5% -0.7% -0.3% -0.4%	4.6% 2.6% 5.0% 1.5% 8.8% -2.8% 1.3% -1.4% -6.5%	-9.2% -4.1% -3.0% 2.5% 6.3% -0.7% 0.8% 0.1% 0.8%	3.4% -7.9% 5.9% 0.1% 11.2% -2.2% 1.7% 0.6% 1.5%	5.5% 2.7% 3.7% 8.5% 4.9% -3.8% -1.7% 0.4% 1.3%

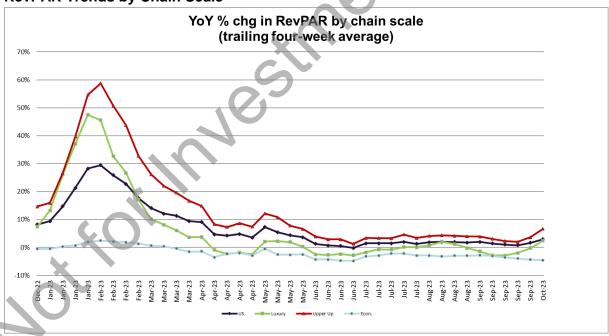
Source: STR data, Truist Securities research

RevPAR Component Trends



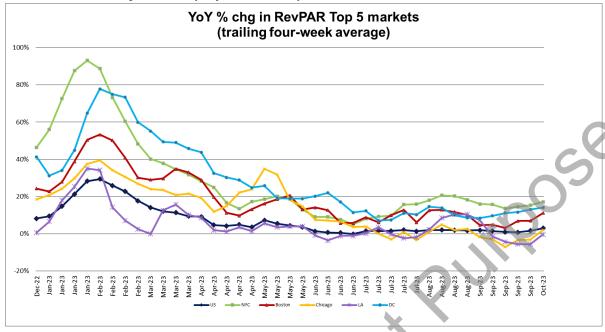
Source: STR data, Truist Securities research

RevPAR Trends by Chain Scale



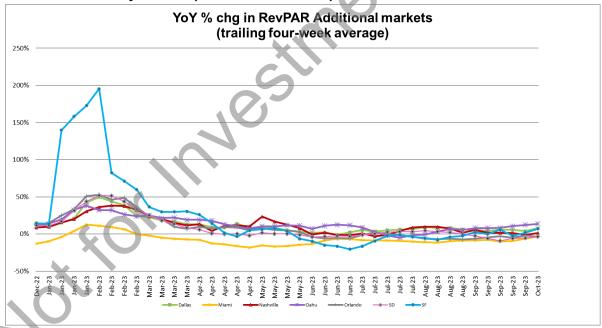
Source: STR data, Truist Securities research

RevPAR Trends by Market (Top 5 markets)



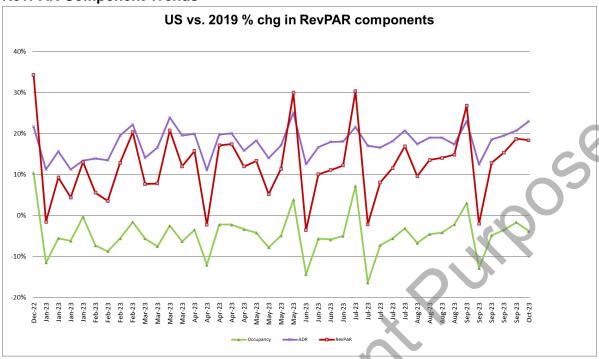
Source: STR data, Truist Securities research

RevPAR Trends by Market (Additional markets)



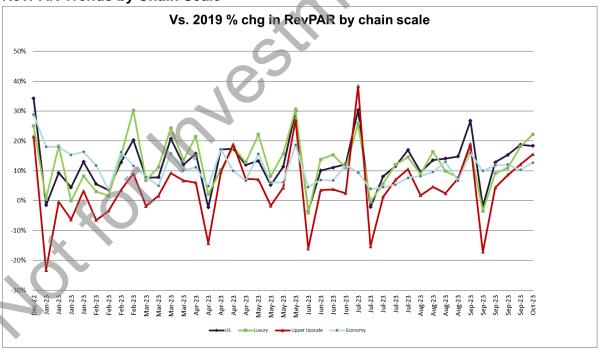
Source: STR data, Truist Securities research

RevPAR Component Trends



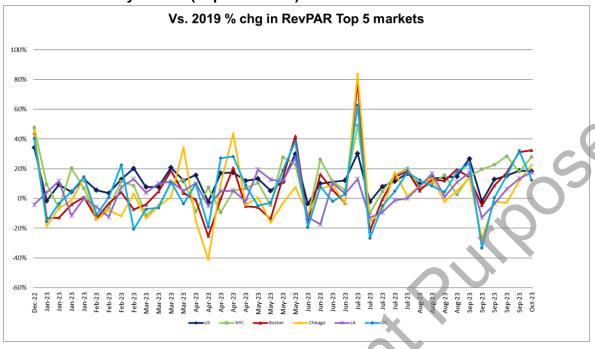
Source: STR data, Truist Securities research

RevPAR Trends by Chain Scale



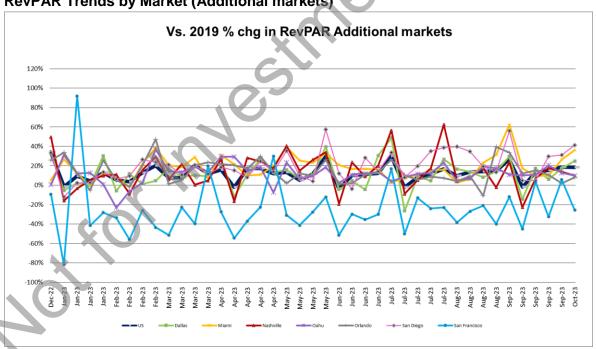
Source: STR data, Truist Securities research

RevPAR Trends by Market (Top 5 markets)



Source: STR data, Truist Securities research

RevPAR Trends by Market (Additional markets)



Source: STR data, Truist Securities research

Price Target/Risks Summary

Bluegreen Vacations BVH Choice Hotels CHH : DiamondRock Hospitality DRH Hilton HLT : Hilton Grand Vacations HGV Host Hotels & Resorts HST Hyatr Hotels H : Marriott Vacations NAR : Marriott Vacations VAC Park Hotels & Resorts PK	Price 10/10/23 \$35.02 \$35.02 \$124.05 \$124.05 \$38.07 \$153.07 \$38.84 \$16.26 \$110.71	Buy Hold Hold Buy Hold Buy	\$54 \$143 \$10 \$172 \$75	% upside/down-side 55% 15% 24% 12% 92% 29%	2022A EBITDA (SM)** \$140 \$140 \$459 \$281 \$2,479 \$1,049	2023E EBITDA (\$M)*** \$151 \$517 \$270 \$2,916 \$1,105	2024E EBITDA (SM)** (SM)** \$157 \$569 \$270 \$3,196 \$1,150	2022A EBITDA (\$M): \$140 \$478 \$281 \$2,599 \$1,049	2073E EBITOM (SM)* \$151 \$538 \$270 \$3,016 \$1,105	2024E EBITIDA (\$M)*** \$157 \$591 \$270 \$3,301 \$1,150	Target EV/EBITDA Multiple 7.2X 15.0X 12.0X 16.6X 9.2X	Downside risk: controlled company issues, limited capiflost, loan default and macroeconomic risk. Upside risk: conservative growth of new brands; market share gains. Downside risk: slowdown in dewolopment opportunities; market share loans. Downside risk: disvedown in dewolopment opportunities; market share loanses. Upside risk: faster demand improvement in corporate travel than expisite Brand changes (e.g., Vai) lead to material BBTDA improvement. Lisus tooles hold improve on RevPAR and margins despite the challenging market from ROI projects than forecasted, poor parformance of exemple, leaguer assets. Upside risk: Macro lodging trends improve beyond executations. Faste than expected net unit growth. Downside risk: storen pipeline. Deep recession. Downside risk: Disruption in a majer market (HGV more concentrated the peers), issues with Japanese customer (HSV more supplied than peers difficulty sourcing additional fee-fore in up mortrovity deals! Upside risk. faster demand improvement in corporate/conjunition ravel the expected performance by fusure, issuer record on other boylers and martrovigh the valuation year. Downside risk cent oder industry downturn w particular impact to large be give knotles, was recorded industry downturn w particular impact to large be give knotles, was recorded industry downturn w particular impacts.
Choice Hotels CHH : DiamondRock Hospitality DRH Hilton HLT : Hilton Grand Vacations HGV Host Hotels & Resorts HST Hyatt Hotels H : Marriott International MAR : Marriott Vacations VAC Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB	\$124.05 \$8.07 \$153.07 \$38.84 \$16.26	Hold Hold Buy	\$143 \$10 \$172 \$75	15% 24% 12% 92%	\$281 \$281 \$2,479 \$1,049	\$517 \$270 \$2,916 \$1,105	\$569 \$270 \$3,196 \$1,150	\$478 \$281 \$2,599 \$1,049	\$538 \$270 \$3,016 \$1,105	\$591 \$270 \$3,301	15.0X 12.0X 16.6X	Upside risk: conservative growth of new brands; market share gains. Downside risk: stowdown in development opportunities; market share gains. Downside risk: stowdown in development opportunities; market share Upside risk: faster demand improvement apportunities; market share Upside risk: faster demand improvement apportunities; market share Downside risk: lodging recovery takes longer than expected, weaker rest from ROI projects than forecasted, poor performance of secently, accura- sessets. Upside risk: Macro lodging ternals improve beyond executations. Faster than expected net unit growth. Downside risk: slowing plipsine. Deep recession. Downside risk: Danption in a major market (POV more occupantated the peers), issues with Japanese customer (RoV more speched than peers peers), sieuse with Japanese customer (RoV more speched than peers Downside risk. Disnoption in a major market (PoV more speched than peers Deside risk. Disnoption and peers of the peers of the peers peers). Upside risk peers of the peers of the peers of the peers peers of the peers of the peers of the peers Downside risk. Deside risk expected. Depositions at higher expected. Depositions at higher expected. Depositions at higher risk; the risk peers peers and market peers of the peers of the peers of the peers peers of the peers peers peers of the peers peers peers peers of the peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers peers pee
DiamondRock Hospitality DRH Hilton HLT : Hilton Grand Vacations HSV Host Hotels & Resorts HST Hyatt Hotels H : Marriott International MAR : Marriott Vacations VAC Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB	\$8.07 \$153.07 \$38.84 \$16.26	Hold Hold Buy	\$10 \$172 \$75	24% 12% 92%	\$281 \$2,479 \$1,049 \$1,498	\$270 \$2,916 \$1,105	\$270 \$3,196 \$1,150	\$281 \$2,599 \$1,049	\$270 \$3,016 \$1,105	\$270 \$3,301	12.0X 16.6X	Downside risk: slowdown in development opportunities; market share losses. Upside risk: faster demand improvement in corprate travel than expire Brand changes (e.g., V.al) lead to markerial EBITOM improvement. Lesu notes holds incrove on RevPAR and margins despite the challenging mac Down ROI in the Challenging of t
DiamondRock Hospitality DRH Hilton HLT : Hilton Grand Vacations HSV Host Hotels & Resorts HST Hyatt Hotels H : Marriott International MAR : Marriott Vacations VAC Park Hotels & Resorts PK Perbblebrook Hotel Trust*** PEB	\$8.07 \$153.07 \$38.84 \$16.26	Hold Hold Buy	\$10 \$172 \$75	24% 12% 92%	\$281 \$2,479 \$1,049 \$1,498	\$270 \$2,916 \$1,105	\$270 \$3,196 \$1,150	\$281 \$2,599 \$1,049	\$270 \$3,016 \$1,105	\$270 \$3,301	12.0X 16.6X	Brand changes (e.g., Vai) lead to material EBITDA improvement. Leisus hotels hold/improvement with a margine despite the challenging mac Downside risk: fodging recovery takes longer than expected, weaker rest from ROI projects than forecasted, poor performance of recovery, beginn from ROI projects than forecasted, poor performance of recovery beginners. Upside risk: Macro lodging ternels improve beyond executations. False than expected net unit growth. Downside risk: downside piece. Deep Courside risk: Despiton in in the Courside risk: downside risk: Despiton in in the Courside risk: Despiton in the Projects of the Courside risk of Despiton in the Projects of the Courside risk of Despiton in the Courside risk of the Projects of the Courside risk of the Coursider risk of the Coursi
Hilton HLT : Hilton Grand Vacations HSV Host Hotels & Resorts HST Hyatt Hotels H : Marriott International MAR : Marriott Vacations VAC Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB	\$153.07 \$38.84 \$16.26 \$110.71	Hold Buy Hold	\$172 \$75 \$21	12% 92% 29%	\$2,479 \$1,049 \$1,498	\$2,916 \$1,105	\$3,196 \$1,150	\$2,599 \$1,049	\$3,016 \$1,105	\$3,301	16.6X	assets. Upside risk: Macro lodging trends improve beyond exectations. Faties than expected net unit growth. Downside risk: slowing plipeline. Deep recession. IPGV more concentrated the peers), issues with Japanese customer (EGV more sectioned than peers), issues with Japanese customer (EGV more sectioned than peers). Indicate the peers), indicate the peers, indicated than peers, indicated than peers, indicated than peers, indicated than peers, indicated that peers are peers and peers are peers are peers. In the peers are peers. The peers are peers
Hilton Grand Vacations HSV Host Hotels & Resorts HST Hyatt Hotels H H Marriott International MAR Marriott Vacations VAC Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB	\$38.84 \$16.26 \$110.71	Buy	\$75 \$21	92%	\$1,049 \$1,498	\$1,105	\$1,150	\$1,049	\$1,105			recession. Downside risk: Disruption in a major market (HGV more concentrated the peers), issues with Japanese customer (HSV more exposed than peers difficulty sourcing additional fee-for-series meritary deals: Upside risk: faster demand improvement in corporate/conjection travel the expected. Dispositions at higher multiple than expected conjection makes the expected performance by luxury leisure records on both top-line and marge through the valuation year. Developed risk: extraded industry downtum un.
Host Hotels & Resorts HST Hyatt Hotels H : Marriott International MAR : Marriott Vacations VAC Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB	\$16.26 \$110.71	Hold	\$21	29%	\$1,498					\$1,150	9.2X	dfliculty sourcing additional fee-for-service rivertorly deals Upside risk: faster demand improvement in corporate/conjention travel the expected. Dispositions at higher multiple than expected, stronger than expected performance by luxuly leisure resorts on both top-line and met through the valuation year. Downside risk: entended industry downturn w
Hyatt Hotels H : Marriott International MAR : Marriott Vacations VAC Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB	\$110.71					\$1,568	\$1,530	\$1,498	\$4 ECD			expected performance by luxury leisure resorts on both top-line and marg through the valuation year. Downside risk: extended industry downturn w
Hyatt Hotels H : Marriott International MAR : Marriott Vacations VAC Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB	\$110.71					\$1,568	\$1,530	\$1,498				travel during the valuation period, macro demand shock to acquired reso
Marriott Irternational MAR : Marriott Vacations VAC Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB		Buy	\$146	32%					\$1,568	\$1,530	12.0X	assets, labor issues. Downside risk: 'indiging recovery takes longer than expected. Planned dispositions take longer than expected. Material labor issues to owned hotels. Pipeline growth slower than expected. Apple Leisure Group
Marriott Vacations VAC Park Hotels & Resorts PK Pelbblebrook Hotel Trust*** PEB	6400.46				\$1,004	\$1,168	\$1,255	\$908	\$1,063	\$1,149	14.1X	underperforms. Upside risk: Macro lodging trends improve beyond expectations. Faste than expected net unit growth. Downside risk: slowing pipeline. Deep
Park Hotels & Resorts PK Pebblebrook Hotel Trust*** PEB	\$190.4b	Hold	\$221	11%	\$3,546	\$4,242	\$4,489	\$3,853	\$4,620	\$4,842	16.7X	recession.
Pebblebrook Hotel Trust*** PEB	\$97.78	Buy	\$190	94%	\$966	\$882	\$914	\$966	\$882	\$914	11.0X	Downside risk: M&A story fades and multiples revert to historical levels
	\$12.10	Buy	\$17	40%	\$589	\$635	\$628	\$606	\$653	\$652	12.0X	Downside risk: extended downturn in San Francisco, weak recovery of international travel during the valuation period especially Oahu, macro demand shock impact to major resort assets, labor issues. Upside Risks: Material near-term incremental EBITDA from Legacy LH
												Upside Risks: Material near-term incremental EBITDA from Legacy Link assets. Faster than expected San Francisco recovery. Downside Risks Incremental EBITDA from major CapEx investments take longer than anticipated, contributing to multiple contraction. Very slow recovery in Se
Playa Hotels & Resorts PLYA	\$13.39	Hold	\$16	19%	\$345	\$351	\$373	\$357	\$363	\$385	13.5X	Francisco. Downside risk: demand shocks, hurricanes, reduced airlift, new supply.
	\$7.14	Buy	\$13	82%	\$231	\$255	\$264	\$243	\$269	\$278	10.5X	country-specific risks (emerging market portfolio) Downside risk: Slower than expected recovery of corporate business tra post-COVID; scope/timing and/or upside from repositionings underwhele
RLJ Lodging Trust*** RLJ	\$9.81	Buy	\$13	33%	\$315	\$345	\$357	\$337	\$368	\$381	11.5X	investor expectations Downside risk: Group demand slower than expected. Property-specific
Ryman Hospitality Properties RHP	\$85.57	Buy	\$123	44%	\$536	\$668	\$743	\$556	\$695	\$778	13.0X	Upside risk: faster demand improvement in corporate travel than expecte Renovations lead to faster than expected EBITDA improvements. SHC buys hotels at accretive terms and quickly adds incremental EBITDA cul- trib valuation period. Downside risk: Lodging recovery takes longer than expected, labor issues, weak recovery of international travel to gatewa markets, natural disaster risk. Montage EBITDA stabilists well lower than
Sunstone Hotel Investors SHO	\$9.47	Hold	\$11	16%	\$223	\$250	\$243	\$234	\$262	\$255	13.5X	expected. Downside risks: MTN is subject to prolonged weakness in general econor conditions, including adverse effects on the overall travel and leisure relations.
Vail Resorts, Inc. MTN :	\$212.76	Buy	\$290	36%	\$833	\$848	\$974	\$833	\$848	\$974	13.0X	industries. Downside risk: The timeshare business is especially vulnerable to econor
	\$35.02	Buy	\$66	87%	\$859	\$937	\$999	\$859	\$937	\$999	8.5X	softness. There are potential execution risks post the spin off. Downside risk: Slowdown in development opportunities. Weaker than
Wyndham Hotels & Resorts WH * All of our Lodging price targets are derived by ap ** Valuation EBITDA excludes select items for spe	\$69.57 pplying a targ					\$621 24 EBITDA	\$660	\$651	\$659	\$700	15.0X	expected transient trends.

Source: FactSet, Truist Securities research

Companies Mentioned in This Note

Bluegreen Vacations Holding Corporation (BVH, \$35.34, Buy, C. Patrick Scholes)

Choice Hotels International, Inc. (CHH, \$124.30, Hold, C. Patrick Scholes)

DiamondRock Hospitality Company (DRH, \$8.08, Hold, C. Patrick Scholes)

Hyatt Hotels Corporation (H, \$108.29, Buy, C. Patrick Scholes)

Hilton Grand Vacations Inc. (HGV, \$38.36, Buy, C. Patrick Scholes)

Hilton Worldwide Holdings Inc. (HLT, \$153.69, Hold, C. Patrick Scholes)

Host Hotels & Resorts, Inc. (HST, \$16.17, Hold, C. Patrick Scholes)

Marriott International, Inc. (MAR, \$198.27, Hold, C. Patrick Scholes)

Vail Resorts, Inc. (MTN, \$215.87, Buy, C. Patrick Scholes)

Pebblebrook Hotel Trust (PEB, \$13.31, Hold, Gregory Miller)

Park Hotels & Resorts Inc. (PK, \$12.04, Buy, C. Patrick Scholes)

Playa Hotels & Resorts N.V. (PLYA, \$7.18, Buy, C. Patrick Scholes)

Ryman Hospitality Properties, Inc. (RHP, \$85.44, Buy, C. Patrick Scholes)

RLJ Lodging Trust (RLJ, \$9.76, Buy, Gregory Miller)

Sunstone Hotel Investors, Inc. (SHO, \$9.47, Hold, C. Patrick Scholes)

Travel + Leisure Co. (TNL, \$34.81, Buy, C. Patrick Scholes)

Marriott Vacations Worldwide Corporation (VAC, \$98.97, Buy, C. Patrick Scholes)

Wyndham Hotels & Resorts, Inc. (WH, \$69.07, 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

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.

Charts indicating changes in ratings can be found in recent notes and/or reports at our website or by contacting Truist Securities. Please see our disclosures page for more complete information at https://truist.bluematrix.com/sellside/Disclosures.action

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 10/11/2023):

Coverage Univer	rse		Investment Banking Clients Past 12 Months					
Rating	Count	Percent	Rating	Count	Percent			
Buy	461	64.93%	Buy	78	16.92%			
Hold	244	34.37%	Hold	30	12.30%			
Sell	5	0.70%	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