

Lodging - US RevPAR +2.4% Y/Y Last Week; Group business helped by MLK shift

Occupancy down ~2% for full-service hotels in Jan (not a great start)

What's Incremental To Our View

Overall U.S. RevPAR was +2.4% Y/Y for the week ending 2/2/2019, per STR, stronger than the prior week's result of -0.9%. (2-year stacked RevPAR was +6.2% vs +3.7% in the prior week.) Independent hotels (about 1/3rd of the data set) were +3.4% y/y. Luxury (+6.4%) was the strongest chain scale for branded hotels; Midscale was the weakest at -1.3%. Upper Midscale (-0.6%) also underperformed the industry average. Within Upper Upscale & Luxury class hotels, Group (+9.6% vs. -4.1% prior week) was stronger than Transient (+0.7% vs. -2.8% prior week).

Last week's STR results were a continuation of the MLK holiday shift impact with Groups shifting into last week from the prior holiday week. This was as expected.

- Group vs. Transient results indicated this impact (+9.6% and +0.7%, respectively).
- Similarly, in weeks where we see a Group benefit from a calendar shift, often Luxury and Upper Upscale are the outperforming chain scales, and that was indeed the case last week (see detail below).

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.

For the month of January, we estimate that full-service branded domestic hotels (the typical Hilton [HLT, Buy], Hyatt [H, Hold], or Marriott [MAR, Hold] hotel) will finish at -0.5% to +0.5% (our prior forecast was "approximately flattish to down 1%" given concerns over winter weather cancellations). We estimate that the overall industry will finish approximately +0.5-1.0% (our prior forecast was +0.5-1.5%) as independent hotels outperformed. Please note that reported monthly results include hotels that are not in the weekly data set.

• Importantly, we believe that full-service branded hotels had ~ -2% occupancy in January, which would represent the worst monthly result for a non-holiday shift month since 2009. These results are consistent with recent trends we are seeing in full-service hotels pushing room rates but compromising on occupancy.

C. Patrick Scholes 212-319-3915 patrick.scholes@suntrust.com

Brian Hollenden, CFA 212-303-1742 brian.hollenden@suntrust.com

Gregory J. Miller 212-303-4198 gregory.j.miller@suntrust.com

What's Inside

Weekly STR results and analysis



Due to the hurricane comparisons from the 2017 storms, we anticipate continued choppiness of the data in some of the most impacted major markets (Miami, Orlando, and Houston) and a generally hard comp for these areas for the next several months.

RevPAR details:

- Luxury was the strongest chain scale. Upscale and Upper Midscale underperformed by 660 bps and 700 bps, respectively: Luxury RevPAR (+6.4%), Upper Upscale (+4.6%), Upscale (-0.2%), Upper Midscale (-0.6%), Midscale (-1.3%), and Economy (+0.1%). Independent notels (+3.4%) outperformed headline U.S. RevPAR.
- Within Upper Upscale & Luxury class hotels, Group was stronger than Transient: Transient segment (individual business and leisure travelers) RevPAR was +0.7% (vs. -2.8% last week) and Group segment RevPAR was +9.6% (vs. -4.1% last week).
- Boston (+13.0%) was the strongest of the top five markets: Chicago (-13.9%); LA (+5.7%); NYC (-3.6%), and DC (-2.4%).
- Other relevant markets:
 - San Francisco was slightly down (Moscone Convention Center expansion and renovation completed): RevPAR was -1.2% vs. +4.6% last week.
 - Texas results were mixed (y/y hurricane comps in Houston): Dallas RevPAR was +0.9% (vs. -10.3% last week). Houston RevPAR was -8.4% (vs. -20.0% last week).
 - Hurricane-impacted markets in FL were positive: Miami (+5.2% vs. +5.3% last week); Orlando (+3.5% vs. +0.6% last week).

The stocks: We continue to favor C-Corps over hotel REITs (we favored hotel REITs for the first half of 2018). In an environment of low RevPAR growth combined with gradually increasing wages/margin pressures, returns for hotel owners is a major headwind to EBITDA growth. Hotel stocks, but especially hotel REIT stocks, typically work best when there is a spark to RevPAR growth and at this moment we are not seeing such a spark like we did earlier in 2018. We are more favorable on other sectors at the moment, namely cruise lines.



Weekly RevPAR Summary

U.S.

4.6%

4.7%

-2.3%

5.2% -8.0%

8.5%

12/15/2018

12/22/2018

12/29/2018

1/5/2019 1/12/2019

1/19/2019

	YoY % change in RevPAR														
Ī		Upper		Upper	New										
l	Luxury	Upscale	Upscale	Midscale	Midscale	Economy	pendent	York	Boston	LA	Chicago	DC			
1	7.6%	5.1%	1.6%	2.3%	1.4%	2.1%	6.9%	8.3%	17.9%	8.4%	6.8%	29.2%			
ı	-4.6%	6.0%	5.6%	8.8%	3.9%	3.5%	3.0%	8.4%	24.5%	3.7%	12.8%	11.4%			
ı	-4.7%	-4.0%	-3.7%	-2.0%	-2.0%	-1.3%	-0.8%	-5.3%	-7.0%	-5.2%	-0.3%	-4.2%			
ı	13.6%	0.0%	-3.2%	-2.2%	-0.6%	1.3%	15.9%	10.2%	-15.3%	-0.8%	3.5%	-9.1%			
ı	-8.6%	-9.4%	-11.8%	-7.9%	-6.1%	-1.8%	-6.9%	-11.7%	-12.3%	-7.3%	-5.5%	-26.3%			
ı	7.3%	11.7%	6.7%	6.7%	4.5%	3.7%	9.6%	3.2%	4.1%	-1.6%	4.2%	30.7%			
ı	-0.3%	-5.8%	-4.7%	-1.4%	-0.5%	1.8%	4.3%	-12.9%	-11.3%	-6.4%	-29.2%	-10.6%			
	6.4%	4.6%	-0.2%	-0.6%	-1.3%	0.1%	3.4%	-3.6%	13.0%	5.7%	-13.9%	-2.4%			

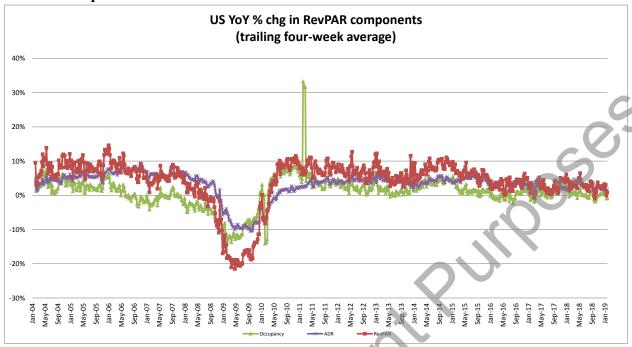
8.5%	7.3%	11.7%	0.7%	6.7%	4.5%	3.7%	9.6%	3.2%	4.1%	-1.6%	4.2%	30.7%
-0.9%	-0.3%	-5.8%	-4.7%	-1.4%	-0.5%	1.8%	4.3%	-12.9%	-11.3%	-6.4%	-29.2%	-10.6%
2.4%	6.4%	4.6%	-0.2%	-0.6%	-1.3%	0.1%	3.4%	-3.6%	13.0%	5.7%	-13.9%	-2.4%
Some positive residual MLK Holiday calendar shift to Group			Luxury and Upper Upscale led the industry				Boston and LA led the Top 5 markets					
2.7%	1.6%	1.9%	2.2%	2.0%	0.0%	1.8%	4.0%	-1.2%	-3.0%	16.6%	-4.8%	3.1%
3.5%	0.8%	2.9%	3.1%	3.2%	3.2%	3.0%	4.2%	-4.5%	1.5%	11.1%	-1.0%	3.5%
3.3%	1.5%	2.5%	2.0%	1.8%	2.5%	3.0%	5.1%	-2.5%	-0.5%	9.3%	1.2%	5.5%
3.2%	1.9%	0.6%	1.2%	2.2%	3.9%	4.4%	5.1%	0.9%	-1.6%	6.9%	3.3%	8.0%
3.4%	2.1%	3.0%	1.0%	2.4%	3.5%	2.6%	5.2%	-1.3%	-1.1%	-2.5%	1.5%	16.1%
2.7%	2.3%	0.6%	0.6%	1.2%	2.4%	3.7%	5.1%	0.2%	4.4%	3.6%	0.8%	0.8%
1.9%	0.5%	-0.7%	0.7%	1.8%	3.5%	2.9%	3.1%	-0.9%	-0.2%	-1.2%	-5.0%	-0.6%
4.2%	4.5%	3.2%	3.8%	3.9%	3.7%	3.7%	4.1%	0.8%	3.7%	4.2%	-2.5%	2.2%
3.5%	6.6%	0.9%	2.2%	3.0%	3.8%	5.3%	3.8%	7.1%	2.6%	2.7%	5.8%	-11.0%
4.0%	4.9%	3.4%	2.8%	3.0%	4.1%	3.1%	4.6%	4.2%	-1.2%	0.6%	4.0%	3.1%
1.7%	3.3%	1.9%	0.8%	-0.5%	0.1%	1.8%	2.2%	0.7%	2.8%	1.3%	7.5%	-3.4%
2.4%	3.0%	1.1%	0.0%	0.5%	1.3%	2.9%	4.9%	3.5%	12.2%	3.0%	2.8%	-3.4%
	2.4% Some positive calend. 2.7% 3.5% 3.3% 3.2% 3.4% 2.7% 4.2% 3.5% 4.0% 4.0% 1.7%	-0.9%	-0.9% -0.3% -5.8% -0.4% -0.3% -5.8% -0.4% -0.3% -5.8% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4% -0.4%	-0.9% -0.3% -5.8% -4.7%	Come positive residual MLK Holiday calendar shift to Group	Come positive residual MLK Holiday calendar shift to Group Luxury and Upper Upsca	Come positive residual MLK Holiday calendar shift to Group Luxury and Upper Upscale led the inc	Come positive residual MLK Holiday calendar shift to Group Luxury and Upper Upscale led the industry	Come positive residual MLK Holiday calendar shift to Group Luxury and Upper Upscale led the industry	Come positive residual MLK Holiday calendar shift to Group Luxury and Upper Upscale led the industry Boston and	Come positive residual MLK Holiday calendar shift to Group Luxury and Upper Upscale led the industry Boston and LA led the Translation of th	Come positive residual MLK Holiday calendar shift to Group Luxury and Upper Upscale led the industry Boston and LA led the Top 5 markets

						YoY % c	hange in	ADR		A .			
_			Upper		Upper			Inde-	New				
	U.S.	Luxury	Upscale	Upscale	Midscale	Midscale	Economy	pendent	York	Boston	LA	Chicago	DC
12/15/2018	3.2%	5.1%	3.2%	2.4%	1.4%	0.7%	0.5%	4.6%	9.1%	7.8%	3.1%	1.9%	12.6%
12/22/2018	0.4%	-5.2%	1.3%	1.8%	1.6%	0.0%	0.0%	-0.5%	7.3%	8.3%	0.1%	2.7%	6.1%
12/29/2018	-0.5%	0.1%	-0.8%	-0.2%	-0.1%	0.2%	-0.5%	-0.4%	-3.9%	-1.2%	-4.3%	-0.7%	1.6%
1/5/2019	5.6%	14.3%	3.5%	2.0%	0.9%	0.8%	0.7%	9.9%	10.2%	-3.6%	0.5%	1.0%	-0.9%
1/12/2019	-2.3%	1.6%	0.5%	-2.5%	-1.8%	-1.7%	-1.2%	-3.2%	-3.0%	-1.7%	-1.3%	-1.1%	-7.9%
1/19/2019	3.4%	3.0%	3.9%	2.5%	2.3%	1.2%	0.8%	3.6%	2.4%	1.5%	0.1%	0.0%	11.0%
1/26/2019	-0.3%	5.1%	-0.9%	-1.4%	-0.3%	-0.6%	-0.5%	1.7%	-6.7%	-4.0%	-3.7%	-15.6%	-4.3%
2/2/2019	2.3%	7.2%	4.5%	1.2%	0.5%	-1.1%	-0.8%	2.2%	-1.9%	6.0%	4.7%	-5.4%	-0.7%
							1		:				
1Q16	3.2%	1.9%	2.7%	3.2%	2.6%	1.7%	3.3%	3.7%	-3.1%	1.4%	11.3%	-1.9%	1.1%
2Q16	2.9%	1.5%	2.2%	2.9%	2.8%	2.7%	3.4%	3.0%	-3.1%	3.3%	9.4%	0.3%	2.1%
3Q16	3.4%	1.5%	2.5%	2.7%	2.4%	3.1%	3.6%	4.4%	-2.7%	2.3%	7.5%	1.9%	3.5%
4Q16	2.6%	2.1%	1.4%	2.2%	2.0%	2.2%	3.2%	3.8%	-1.2%	1.3%	5.8%	3.9%	4.1%
1Q17	2.5%	2.3%	2.4%	1.3%	1.6%	1.8%	2.4%	3.5%	-2.2%	0.0%	-0.2%	1.7%	13.6%
2Q17	2.2%	2.2%	1.2%	1.7%	1.5%	2.1%	2.3%	3.5%	-1.5%	4.1%	2.8%	1.5%	2.0%
3Q17	1.4%	1.4%	0.2%	0.8%	1.2%	1.9%	2.4%	2.2%	-2.0%	0.8%	1.8%	-2.4%	0.0%
4Q17	2.4%	2.2%	1.9%	1.8%	1.8%	2.5%	3.4%	2.1%	-0.2%	0.8%	4.6%	-2.0%	2.4%
1Q18	2.5%	4.5%	1.0%	1.7%	2.0%	3.0%	4.0%	3.1%	3.5%	-1.0%	4.0%	1.4%	-9.4%
2Q18	2.9%	3.5%	2.9%	2.4%	2.1%	2.6%	2.7%	3.1%	3.7%	-0.1%	2.1%	3.3%	2.4%
3Q18	2.1%	3.3%	2.4%	1.8%	1.2%	1.3%	1.2%	1.9%	1.2%	1.9%	1.1%	6.7%	-0.8%
4Q18	2.0%	3.7%	2.2%	1.6%	1.1%	0.9%	0.6%	2.9%	3.4%	5.6%	1.4%	2.2%	-2.1%

YoY % change in Occupancy														
	_	Upper Upper Inde-												
		U.S.	Luxury	7.5	Upscale	Midscale	Midscale	Economy	pendent	York	Boston	LA	Chicago	DC
12/	15/2018	1.3%	2.4%	1.9%	-0.8%	0.9%	0.7%	1.7%	2.2%	-0.8%	9.4%	5.2%	4.8%	14.7%
12/	22/2018	4.3%	0.6%	4.7%	3.7%	7.1%	3.9%	3.5%	3.5%	1.1%	15.0%	3.6%	9.9%	5.0%
12/	29/2018	-1.8%	-4.9%	-3.2%	-3.5%	-1.8%	-2.2%	-0.8%	-0.4%	-1.5%	-5.9%	-0.9%	0.4%	-5.7%
1	1/5/2019	-0.4%	-0.6%	-3.3%	-5.1%	-3.1%	-1.4%	0.6%	5.4%	0.0%	-12.1%	-1.3%	2.5%	-8.3%
1/	12/2019	-5.9%	-10.0%	-9.9%	-9.5%	-6.3%	-4.5%	-0.6%	-3.9%	-9.0%	-10.7%	-6.1%	-4.4%	-20.0%
1/	19/2019	5.0%	4.2%	7.6%	4.1%	4.4%	3.2%	2.8%	5.8%	0.8%	2.6%	-1.7%	4.1%	17.8%
1/:	26/2019	-0.6%	-5.1%	-4.9%	-3.3%	-1.2%	0.1%	2.3%	2.5%	-6.6%	-7.6%	-2.9%	-16.1%	-6.6%
2	2/2/2019	0.1%	-0.8%	0.1%	-1.3%	-1.1%	-0.2%	0.9%	1.2%	-1.7%	6.6%	1.0%	-9.1%	-1.7%
			•						•					
	1Q16	-0.5%	-0.3%	-0.8%	-0.9%	-0.6%	-1.7%	-1.5%	0.3%	2.0%	-4.3%	4.7%	-3.0%	2.0%
	2Q16	0.6%	-0.7%	0.7%	0.2%	0.4%	0.5%	-0.4%	1.2%	-1.4%	-1.7%	1.5%	-1.4%	1.3%
	3Q16	0.0%	0.0%	-0.1%	-0.6%	-0.6%	-0.6%	-0.6%	0.7%	0.3%	-2.8%	1.7%	-0.7%	1.9%
	4Q16	0.6%	-0.2%	-0.8%	-1.0%	0.2%	1.7%	1.2%	1.2%	2.2%	-2.8%	1.0%	-0.5%	3.7%
	1Q17	0.9%	-0.2%	0.6%	-0.3%	0.7%	1.6%	0.2%	1.6%	1.0%	-1.1%	-2.4%	-0.2%	2.2%
	2Q17	0.5%	0.1%	-0.6%	-1.1%	-0.3%	0.4%	1.4%	1.6%	1.7%	0.3%	0.8%	-0.7%	-1.2%
	3Q17	0.5%	-0.9%	-0.9%	-0.1%					1.1%	-1.0%	-2.9%		-0.5%
	4Q17	1.8%	2.2%	1.3%	2.0%	2.1%	1.2%	0.3%	2.0%	1.0%	2.8%	-0.3%	-0.5%	-0.2%
	1Q18	0.9%	2.1%	0.0%	0.5%	1.1%	0.9%	1.3%	0.7%	3.5%	3.7%	-1.3%	4.4%	-1.8%
	2Q18	1.1%	1.3%	0.5%	0.4%	0.9%	1.5%	0.4%	1.5%	0.5%	-1.1%	-1.4%		0.7%
	3Q18	-0.4%	0.0%	-0.5%	-1.0%	-1.7%	-1.1%	0.5%	0.3%	-0.5%	0.9%	0.2%	0.7%	-2.6%
	4Q18	0.4%	-0.7%	-1.1%	-1.6%	-0.6%	0.4%	2.3%	1.9%	0.1%	6.3%	1.6%	0.6%	-1.3%

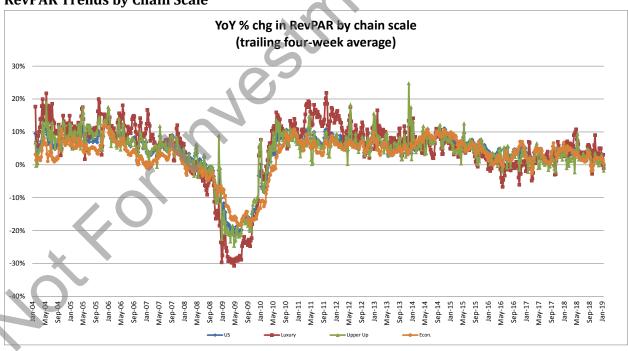
Source: STR data, STRH research

RevPAR Component Trends



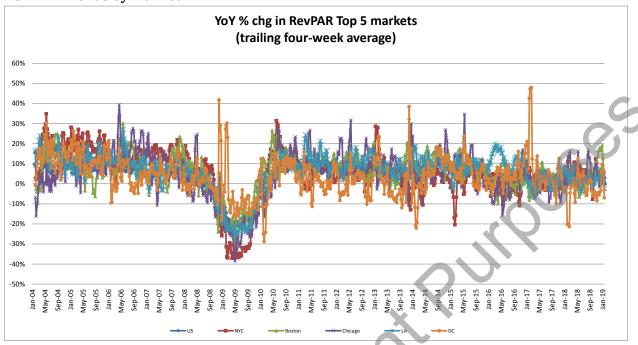
Source: STR data, STRH research

RevPAR Trends by Chain Scale



Source: STR data, STRH research

RevPAR Trends by Market



Source: STR data, STRH research



Price Target/Risks Summary

Lodging	TKR	Price 2/5/19	Rating	PT*	% upside down- side	2019E EBITDA (\$M)	Target EV/EBITDA Multiple	Risks
								Upside risk: improvement in NY and Chicago markets
								Downside risk: softening of RevPAR trends in Boston or SF. Slowdown i
Chesapeake Lodging Trust	CHSP	\$28.71	Hold	\$27	-6%	\$187	12.0X	real estate lending.
onesapeake Louging Trust	OHO	Ψ20.71	Tiolu	ΨΖΙ	-0 /0	Ψ101	12.07	Upside risk: conservative guidance.
Choice Hotels	CHH	\$79.99	Hold	\$80	0%	\$363	14.0X	Downside risk: slowdown in development opportunities.
Shore Hotels	OHIT	Ψ13.33	Holu	ΨΟΟ	0 70	ψυσυ	14.07	Downside lisk. Slowdown in development opportunities.
								Upside risk: specific markets (esp. NYC) perform better than expected
DiamondRock Hospitality	DRH	\$10.35	Hold	\$11	6%	\$258	12.0X	Downside risk: company unable to locate properties to buy.
		*		***		4		Upside risk: the company increases dividends by more than expected;
								NYC outperforms or is sold down at attractive multiples.
								Downside risk: Group underperforms. NYC hotels underperform and
Host Hotels & Resorts	HST	\$18.32	Hold	\$21	15%	\$1,498	12.5X	asset sales do not happen.
								Upside risk: Transient and group trends outperform expectations
Hyatt Hotels	Н	\$70.45	Hold	\$78	11%	\$797	13.3X	Downside risk: ongoing misexecution and volatility.
								Upside risk: Accelerating tour flow, FCF generation and declining
								consumer defaults. Downside risk: 3rd party induced defaults worsen.
Bluegreen Vacations Corporation	BXG	\$13.56	Hold	\$18	33%	\$161	8.1X	Middle market customers underperform.
								Downside risk: Disruption in a major market (HGV more concentrated
								than peers), issues with Japanese customer (HGV more exposed than
Hilton Grand Vacations	HGV	\$30.80	Buy	\$44	43%	\$462	11.4X	peers), difficulty sourcing additional fee-for-service inventory deals
Hilton	HLT	\$74.62	Buy	\$88	18%	\$2,267	14.9X	Downside risk: slowing pipeline
								Upside Risk: Significant U.S macroeconomic improvement results in
								large recovery in transient corporate demand (and consequential >400
								bps RevPAR improvement). Owned assets sell for
								premium prices relative to MAR expectations.
								Downside Risk: 2019 is a recession year in the US. Geopolitical and
Marriott International	MAR	\$116.91	Hold	\$125	7%	\$3,292	14.9X	policy risks negatively impact lodging demand.
			_					Downside risk: M&A story fades and multiples revert to historical levels
Marriott Vacations	VAC	\$91.97	Buy	\$130	41%	\$741	11.2X	
			_					Downside risk: Significant supply growth and macroeconomic
Park Hotels & Resorts	PK	\$30.28	Buy	\$34	12%	\$779	12.5X	challenges/shocks.
			_					Downside risk: demand shock, hurricanes, inability to complete 2021
Playa Hotels & Resorts	PLYA	\$7.78	Buy	\$14	80%	\$175	11.5X	growth initiatives, country-specific risks (emerging market portfolio)
								Upside risk: RevPAR reaccelerates due to macroeconomic
								improvements, leading to estimate revisions and multiple expansion.
B	D	# 40.00		004	400/	0510		Downside risk: Significant supply growth, struggle to source deals/lowe
RLJ Lodging Trust	RLJ	\$18.66	Hold	\$21	13%	\$518	11.5X	leverage, macroeconomic challenges/demand shocks.
								Upside risk:recovering group demand better than expected, better margi
Ryman Hospitality Properties	RHP	\$80.60	Hold	\$76	-6%	\$461	12.2X	recovery. Downside risk: booking issues stickier than expected.
Ryman Hospitality Properties	KHP	\$60.60	поіа	\$/6	-0%	\$401	12.21	Upside risk: Recovery of corporate demand in SHO's markets. Above
								average group bookings in Orlando and Boston Park Plaza post-meeting
							,	space expansions.
								Downside risk: Weaker than expected demand trends following capital
Sunstone Hotel Investors	SHO	\$14.45	Hold	\$15	4%	\$320	12.0X	investment projects.
Canada i lotor il rectoro	5110	ψ1-1.40	riola	Ψισ	1/0	JULO	12.0/	intestitioni projecto.
				_, (Downside risk: The timeshare business is especially vulnerable to
Wyndham Destinations	WYND	\$44.20	Buy	\$62	40%	\$1,003	9.3X	economic softness. There are potential execution risks post the spin of
	.,	ψ20		702		÷1,000	0.0/1	Downside risk: Slowdown in development opportunities. La Quinta
Wyndham Hotels & Resorts	WH	\$51.28	Buy	\$63	23%	\$639	13.0X	synergies below expectations.
				_				.,

Source: FactSet, STRH research



Companies Mentioned in This Note

Bluegreen Vacations Corporation (BXG, \$13.56, Hold, C. Patrick Scholes)

Choice Hotels International, Inc. (CHH, \$79.99, Hold, C. Patrick Scholes)

Chesapeake Lodging Trust (CHSP, \$28.71, Hold, C. Patrick Scholes)

DiamondRock Hospitality Company (DRH, \$10.35, Hold, C. Patrick Scholes)

Hyatt Hotels Corporation (H, \$70.45, Hold, C. Patrick Scholes)

Hilton Grand Vacations Inc. (HGV, \$30.80, Buy, C. Patrick Scholes)

Hilton Worldwide Holdings Inc. (HLT, \$74.62, Buy, C. Patrick Scholes)

Host Hotels & Resorts, Inc. (HST, \$18.32, Hold, C. Patrick Scholes)

Marriott International, Inc. (MAR, \$116.91, Hold, C. Patrick Scholes)

Park Hotels & Resorts Inc. (PK, \$30.28, Buy, C. Patrick Scholes)

Playa Hotels & Resorts N.V. (PLYA, \$7.78, Buy, C. Patrick Scholes)

Ryman Hospitality Properties, Inc. (RHP, \$80.60, Hold, C. Patrick Scholes)

RLJ Lodging Trust (RLJ, \$18.66, Hold, C. Patrick Scholes)

Sunstone Hotel Investors, Inc. (SHO, \$14.45, Hold, C. Patrick Scholes)

Marriott Vacations Worldwide Corporation (VAC, \$91.97, Buy, C. Patrick Scholes)

Wyndham Hotels & Resorts, Inc. (WH, \$51.28, Buy, C. Patrick Scholes)

Wyndham Destinations, Inc. (WYND, \$44.20, 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.

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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)

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Legend for Rating and Price Target History Charts:

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H = Hold

S = Sell

D = Drop Coverage

CS = Coverage Suspended

NR = Not Rated

I = Initiate Coverage

T = Transfer Coverage

The prior rating system until Oct. 7, 2016:

3 designations based on total returns* within a 12-month period**

- · Buy total return ≥ 15% (10% for low-Beta securities)***
- · Reduce total return ≤ negative 10% (5% for low Beta securities)
- · Neutral total return is within the bounds above
- · NR NOT RATED, STRH does not provide equity research coverage
- · CS Coverage Suspended

*Total return (price appreciation + dividends); **Price targets are within a 12-month period, unless otherwise noted; ***Low Beta defined as securities with an average Beta of 0.8 or less, using Bloomberg's 5-year average



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Coverage Unive	erse		Investment Banking Clients Past 12 Months						
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Hold	251	35.06%	Hold	30	11.95%				
Sell	3	0.42%	Sell	1	33.33%				

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