

#### Equity Research

#### **CONSUMER: Lodging**

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

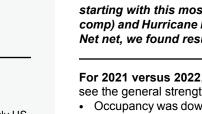
Gregory J. Miller 212-303-4198 Gregory.J.Miller@truist.com

Alexander Barenklau 212-303-4166 Alexander.Barenklau@truist.com

11 Page Document

## **Reasons for this report**

✓ Our analysis of the most recent weekly US lodging results





Lodging: US RevPAR +18.2% Y/Y Last

Overall U.S. RevPAR was +18.2% y/y for the week ending 8/27/2022, per STR, stronger than the prior week's result of +16.9%. Last week's RevPAR was up against a +68.3% comparable result in 2021 vs. +74.9% in the prior week. *On a 3-year run-rate (vs. 2019), RevPAR was +12.1% vs. +12.2% in the prior week's 3-year run-rate.* 

As we have discussed in past notes, weekly comps begin to get very noisy starting with this most recent week. Labor Day shifts by a week in 2019 (tougher comp) and Hurricane Dorian starts to make for an easier comp in Florida markets. Net net, we found results very strong on ADR.

**For 2021 versus 2022**, there was no material calendar shift of Labor Day and we can see the general strength of performance by chain scale. Detail below.

- Occupancy was down y/y LSD in Midscale and Economy (tough comp) but ADR was up ~5%, netting to flat RevPAR for Economy and +4% for Midscale.
- Comps were much stronger up the chain scales both on occupancy and ADR, although varied by chain scale. Similar to recent weeks, the biggest gains were in Urban, followed distantly by airport locations and the suburbs.
- We continue to view hotelier ability to push ADR far more important than occupancy in a rising cost environment.

**For 2019 versus 2022**, there is a tough Labor Day calendar shift as the holiday was one week earlier in 2019 (we should have been more explicit in calling this out last Wednesday). In short: less leisure travel versus 2019 due to the lack of a holiday weekend.

However, in certain Southeast markets, the comp becomes very easy into the holiday weekend due to the impact of Category 5 Hurricane Dorian. We estimate an easy comp of a few hundred bps to U.S. RevPAR impact due to Dorian over Labor Day weekend (2019 vs. 2022).

- **Examples:** Miami occupancy on Saturday +47% and Tampa +4%; US average -13%. Saturday RevPAR: Miami +100%, Tampa +25%, U.S. -1%.
- We anticipate more striking results with the next week of data ex-the holiday shift.
- For those catching up on Hurricane Dorian's impact, we repeat our prior commentary: Note this hurricane was tracked by NOAA and other federal government officials in late August to proceed west making landfall between Palm Beach and Daytona Beach and then through Orlando and eventually somewhere in the Gulf -but the storm was so large that the entire state of Florida was at risk (The Guardian).Hurricane Dorian was a near hit to the Florida coastline over Labor Day weekend. The actual track: parts of the northern Caribbean were directly hit (USVI around August 28th although the storm was initially intended to track further south toward Puerto Rico and the Dominican Republic, therefore impacting some demand to resorts in the U.S. Southeast) and we recall light inbound arrivals at Miami International Airport prior to Labor Day Eventually Dorian made landfall in North Carolina on 9/6 as a Category 2 storm. Due to the disruption of travel in 2019, and assuming for now no 2022 hurricanes, the comps should present as easy vs. 2019 starting this week. We add that we do not recall Dorian being mentioned much if at all by companies during 2Q earnings when discussing August and September.

#### Major RevPAR statistics presented below:

- Luxury RevPAR: +18.2% y/y and +11.2% over 3 years;
- Upper Upscale RevPAR: +30.9% y/y and +2.8% over 3 years;

August 31, 2022

× {0

20505

- Upscale RevPAR: +40.4% y/y and +7.1% over 3 years;
- Upper Midscale RevPAR: +23.3% y/y and +12.3% over 3 years;
- Midscale RevPAR: +4.2% y/y and +12.3% over 3 years;
- Economy RevPAR: -0.5% y/y and +10.8% over 3 years;
- Independent hotels (~ 1/3rd of the data set) RevPAR: +12.9% y/y and +18.5% over 3 years; and
- Within Upper Upscale & Luxury class hotels:
  - $\,\circ\,$  Group: +56.4% y/y vs. +58.1% prior week; over 3 years: +10.0% vs -5.6% prior week.
  - Transient: +22.2% y/y vs. +18.4% prior week; over 3 years: +9.9% vs +11.8% prior week.

#### Last week's RevPAR details and sequential trends:

othorn

- Headline RevPAR was +18.2% y/y vs. the running 28-day average of +15.0% y/y.
- Occupancy: Absolute occupancy was 65.0% y/y vs. 67.7% for the running 28-day average.

Nestmer

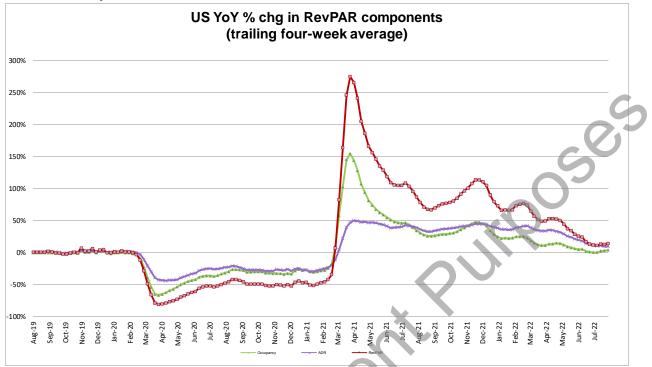
• Absolute Group occupancy: 17.2% last week vs. 17.4% for the running 28 days.

### Weekly RevPAR Summary

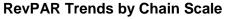
VOY % change in RevPAR     US   Lawary Upead   Upper   Work % change in RevPAR   More York ® Boston   A   Change   DC     6140222   26.5%   60.3%   20.3%   60.3%   7.0%   68.4%   12.3%   62.3%   12.3%   62.3%   12.3%
64/022   21.5%   91%   64.4%   22.0%   14.6%   7.9%   6.1%   12.5%   64.9%   12.1%   31.3%   12
611/10202   22.4%   60.3%   7.1%   20.3%   70.3%   6.8%   21.3%   100.7%   165.1%   51.4%   12.5%   100.3%   20.3%   100.3%   20.3%   100.3%   20.3%   100.3%   20.3%   100.3%   20.4%   23.4%   12.2%   100.3%   90.6%   15.5%   15.4%   52.5%   15.3%   100.3%   90.6%   15.5%   12.5%   77.3%   12.5%   77.3%   12.5%   77.3%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%   77.5%   22.5%
6/18/2022   26,6%   47.9%   61.6%   53.3%   18.2%   92.%   5.2%   15.3%   108.3%   202.4%   51.5%   62.5%   11.3%   12.0%   62.5%   11.3%   12.0%   62.5%   11.3%   12.0%   62.5%   11.3%   12.3%   00.4%   67.5%   13.3%   12.3%   60.5%   55.5%   62.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.2%   67.5%   52.2%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%   52.5%   67.5%
Bit Dig 20202   21.4%   33.4%   48.7%   29.8%   15.4%   9.9%   31.%   12.2%   100.5%   98.6%   11.9%   22.5%   67.7%   61.3%   71.9%   22.5%   67.7%   71.9%   22.5%   67.7%   83.9%   21.6%   66.7%   61.3%   22.5%   67.7%   83.9%   21.4%   20.0%   22.6%   67.7%   61.3%   22.5%   67.7%   81.7%   22.5%   67.7%   61.3%   22.5%   66.7%   51.2%   40.7%   61.3%   22.6%   67.7%   51.2%   40.5%   61.7%   14.8%   61.2%   51.2%   40.5%   50.6%   61.7%   51.2%   40.5%   30.4%   41.8%   61.2%   51.2%   40.5%   22.4%   46.5%   33.6%   45.1%   12.3%   12.5%   50.6%   50.7%   14.9%   33.4%   45.1%   12.2%   40.5%   22.4%   40.6%   40.4%   30.4%   45.3%   40.6%   40.4%   30.4%   41.5%   41.2%   41.2%   41.2%   41.2%
778/0202   2.9%   7.0%   12.0%   0.8%   0.0%   3.9%   4.0%   0.0%   2.75%   48.0%   82.7%   14.5%   72.3%   55.7%     7/202022   13.4%   2.08%   3.20%   9.0%   1.9%   -2.0%   6.7%   6.7%   6.7%   6.7%   6.7%   6.7%   6.7%   6.7%   6.7%   6.7%   6.7%   1.4%   0.4%   5.5%     81202022   12.2%   14.7%   2.3%   1.2%   6.7%   5.12%   40.5%   3.4%   5.4%     81202022   12.5%   2.73%   3.37%   12.3%   12.5%   6.5%   5.0%   6.4%   1.3%   12.6%   5.33%   49.0%   2.24%   46.5%   3.3%   4.5%   4.2%   0.5%   7.7%   1.7%   2.4%   4.5%   4.2%   0.4%   0.1%   1.7%   2.4%   4.5%   4.1%   1.2%   0.5%   6.7%   1.2%   6.5%   1.1%   0.5%   6.7%   1.1%   0.5%   0.4%   0.4%
TribB202   14.0%   24.6%   54.4%   21.0%   8.8%   21.4%   -2.0%   72.8%   65.7%   62.7%   <
1232/022   13.4%   20.8%   32.0%   86.7%   2.8%   6.6%   53.9%   66.7%   82.7%   60.4%   55.7%     08/02022   12.2%   14.7%   32.2%   19.4%   9.0%   1.9%   1.5%   67.7%   12.2%   61.7%   1.3%   12.4%   61.8%   33.9%   61.2%     18/202022   16.9%   27.3%   33.7%   21.3%   12.9%   6.4%   1.3%   12.9%   54.6%   53.3%   40.0%   22.4%   46.5%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   33.9%   63.9%   63.9%   73.9%   53.9%   63.9%   73.9%   53.9%   63.9%   73.9%   53.9%   63.9%   73.9%   63.9%   73.9%   73.9%   73.9
7/30/2022   13.2%   18.1%   32.2%   19.4%   9.0%   1.9%   -1.5%   7.4%   52.5%   67.1%   14.4%   41.6%   41.8%   63.4%     81/3/2022   13.2%   22.9%   31.2%   12.7%   12.7%   12.7%   12.7%   12.7%   42.7%   33.4%   45.1%   33.4%   52.6%   67.1%   51.2%   40.5%   32.4%   45.5%   39.4%   46.5%   39.4%   46.5%   39.4%   46.5%   39.4%   40.4%   39.4%   42.5%   0.5%   12.9%   54.6%   47.4%   23.6%   40.6%   36.4%     1019   1.5%   0.7%   1.2%   0.5%   0.4%   0.1%   1.9%   3.1%   7.1%   4.5%   2.4%   41.8%
B11320202   13.2%   22.9%   31.2%   18.1%   8.7%   1.7%   -1.3%   8.5%   55.6%   55.0%   44.9%   33.9%   43.5%     B2020202   16.5%   22.9%   33.7%   21.3%   12.6%   53.4%   12.6%   53.5%   40.0%   22.4%   46.5%   36.9%   40.6%   36.9%     B2720202   15.5%   0.7%   1.2%   0.5%   0.4%   0.1%   1.9%   3.1%   7.1%   -2.1%   -1.7%   4.5%   2.4%     2019   1.5%   0.7%   1.2%   0.5%   0.4%   0.1%   1.9%   3.1%   7.1%   -2.1%   -1.7%   4.5%   -2.4%     3019   0.7%   3.6%   1.0%   0.9%   0.7%   1.6%   1.1%   0.16%   -1.1%   2.1%   -2.1%   -2.1%   -2.1%   -2.1%   -2.1%   -2.2%   4.4%   -1.1%   -1.1%   -2.1%   -2.2%   4.4%   -1.1%   -1.1%   -2.1%   -2.2%   -2.1%   -2.2%
8/20/2022   16.9%   27.3%   33.7%   21.3%   12.8%   54.%   13.%   12.9%   53.3%   40.9%   22.4%   40.6%   23.6%   40.6%   38.6%     Strong results alded thy huritrane comp   toper Upscale and Luxury led the industry   INIC and Boston led the Top 5 markets     1019   1.5%   -0.7%   1.2%   0.5%   0.4%   0.1%   1.9%   3.1%   7.1%   2.1%   1.7%   4.5%   2.2%   4.5%   2.4%   4.5%   2.4%   4.5%   2.2%   4.5%   2.1%   1.7%   2.2%   4.5%   2.2%   4.5%   2.2%   4.5%   2.2%   4.5%   1.1%   0.5%   0.1%   1.0%   0.9%   2.2%   4.5%   1.1%   0.5%   0.1%   2.2%   4.1%   1.16%   0.2%   2.2%   4.5%   1.1%   0.5%   0.1%   2.2%   4.1%   1.16%   0.5%   0.1%   2.2%   4.1%   1.16%   0.1%   2.2%   4.5%   1.15%   0.5%   0.2%   2.2%   4.5%
8127/2022   18.2%   30.9%   40.4%   23.3%   12.3%   4.2%   -0.5%   12.9%   54.6%   47.4%   23.6%   40.6%   36.4%     Strong results alded by hurricame comp   Upper Upbcale and Luxury led the industry   INVC and Boston led the Top 5 markets     1019   1.5%   -0.7%   1.2%   0.5%   0.4%   -0.1%   1.9%   3.1%   7.1%   2.1%   -1.7%   4.4%   1.6%   -1.2%   -2.4%   -1.8%   4.5%   1.6%   -2.4%   -1.8%   -1.2%   -2.4%   -1.8%   -1.2%   -2.4%   -1.8%   -1.2%   -2.4%   -1.5%   -2.3%   -4.1%   -1.1%   -0.7%   -2.7%   -1.0%   -2.7%   -1.0%   -2.7%   -1.0%   -2.7%   -1.0%   -2.7%   -1.0%   -2.7%   -1.0%   -2.3%   -4.1%   -1.1%   -2.2%   -4.4%   -5.7%   +2.3%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%   -7.4%
Upper Upscale and Luxury led the industry   INC and Boston led the Top 5 markets     1019   1.5%   0.7%   1.2%   0.5%   0.4%   0.1%   1.9%   3.1%   7.1%   2.1%   1.7%   2.4%     2019   1.5%   0.7%   1.2%   0.5%   0.0%   0.0%   0.0%   1.9%   3.1%   7.1%   2.1%   1.1%   0.5%   0.01%   1.0%   0.0%   2.2%   1.4%   4.5%   2.2%   4.5%   1.1%   0.7%   2.2%   4.1%   1.18%   0.7%   2.2%   4.5%   1.1%   0.7%   2.2%   4.5%   1.1%   0.7%   2.2%   4.1%   1.18%   0.7%   2.28%   4.4%   1.16%   0.7%   2.2%   4.1%   1.18%   0.7%   3.3%   2.10%   2.23%   4.1%   1.18%   0.7%   1.18%   0.7%   1.0%   2.2%   4.3%   4.3%   4.1%   1.18%   0.1%   1.1%   0.2%   2.1%   1.1%   0.7%   1.1%   0.2%   2.1%
Comp   Upper Upper deplacate and Luxury was net misually   Wrth and Dobatin and the typ 5 markets     1019   15%   0.7%   12%   0.5%   0.4%   0.1%   1.9%   3.1%   -7.1%   2.4%   1.6%   2.4%     3019   0.7%   3.6%   1.0%   0.0%
2019   1.1%   0.5%   0.0%   0.07%   1.7%   2.4%   -1.8%   4.6%   1.18%   0.1%   -1.2%     4019   0.7%   3.8%   1.0%   0.25%   -1.0%   -2.7%   -1.5%   2.3%   -1.1%   -1.1%   -0.7%   5.2%     1020   1.93%   2.14%   2.21%   1.1%   0.0%   5.2%     2020   49.3%   -76.4%   2.31%   -71.4%   3.37%   4.35%   -71.4%   3.21%   -73.4%   48.0%   4.37%   -73.4%   48.0%   4.37%   -73.4%   48.0%   4.35%   -73.4%   48.0%   4.35%   74.0%   -76.1%   -59.3%   -73.4%   48.0%   4.35%   100.4%   43.0%   4.35%   100.4%   43.0%   4.35%   74.0%   43.3%   102.1%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%   103.4%
3019   0.7%   1.3%   1.1%   0.05%   0.1%   1.0%   0.9%   1.6%   2.2%   0.4%   0.2%   2.2%   4.5%     1020   -19.3%   -21.4%   -22.1%   2.08%   +19.1%   +16.8%   +12.5%   +26.7%   +26.5%   -0.4%   -24.5%   +19.3%   -21.6%   +23.5%   +37.5%   +22.5%   -76.9%   +22.5%   -76.9%   +22.5%   -76.9%   +22.5%   +75.4%   +20.5%   +75.4%   +20.5%   +75.4%   +20.5%   +75.4%   +20.7%   +10.0%   +30.0%   +77.9%   +72.4%   +63.7%   +42.6%   +43.5%   +10.5%   +11.5%   +10.5%   +10.5%   +10.5%   +43.5%   +10.5%   +43.5%   +45.5%   +10.5%   +14.5%   +10.2%   +20.7%   +42.5%   +10.4%   +10.7%   +22.5%   +10.4%   +10.7%   +22.5%   +10.5%   +12.5%   +12.5%   +10.5%   +12.5%   +10.5%   +12.5%   +12.5%   +12.5%   +12.5%   +12.5%   +12.5%   +12.5%
4019   0.7%   3.6%   1.0%   -0.6%   -1.0%   -2.7%   -1.5%   2.3%   -4.11%   -1.1%   -0.7%   5.2%     2020   -69.9%   -86.8%   -86.7%   -74.8%   -65.4%   -71.3%   -35.0%   -65.2%   -77.6%   -77.1%   -59.3%   -73.4%   483.7%   -73.4%   483.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   480.7%   -73.4%   450.%   435.%   71.4%   73.4%   150.1%   100.7%   61.1%   162.2%   77.8%   453.3%   120.2%   77.8%   59.3%   72.4%   156.4%   90.9%   102.4%   77.8%   150.3%   120.7%   77.8%   453.3%   120.2%   77.8%   150.3%   120.4%   120.7%   77.8%   90.7%   153.8%   120.4%   127.7%   153.3% <t< td=""></t<>
1020   -19.3%   -21.4%   -21.3%   -20.8%   +19.1%   -16.8%   -11.2%   +26.7%   -24.5%   +19.3%   -21.0%   -23.7%   -23.0%   65.2%   -74.5%   +26.5%   -74.5%   +26.5%   -74.5%   +37.4%   +53.7%   -30.0%   -67.6%   +26.5%   -74.5%   +37.4%   +58.4%   -73.4%   +88.4%   -73.4%   +88.4%   +73.4%   +88.4%   +73.4%   +88.4%   +73.4%   +88.4%   +73.4%   +88.4%   +73.4%   +48.3%   +10.0%   +44.4%   +60.7%   +43.3%   +45.3%   +45.3%   +55.4%   +67.4%   +43.3%   +12.5%   +12.5%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.4%   +12.5%   +12.5%   +12.5%   +12.5%   +12.5%   +12.5%
3020 48.5% 72.0% 71.8% 55.2% 41.7% 29.7% -19.0% -39.0% -77.1% -58.4% -73.4% -68.4% -73.4% -68.4% -73.4% -68.4% -73.4% -74.4% -69.3% -11.5% -59.3% -11.5% -59.3% -11.5% -59.3% -11.5% -59.3% -11.5% -59.3% -11.5% -59.3% -11.5% -59.3% -11.5% -59.3% -11.5% -59.3% -11.5% -59.3% -73.4% -56.4% -43.5% -43.5% -43.5% -43.5% -43.5% -43.5% -43.5% -43.5% -43.5% -43.5% -11.5% -59.3% -73.4% -73.4% -56.4% -43.5% -43.5% -11.5% -52.5% -74.2% -52.6% 72.2% 56.4% -73.4% -73.4% -12.6% 126.5% 122.6% 12.6% 122.6% 123.5% 127.5% 124.5% 124.5% 124.5% 122.6% 124.5% 123.5% 123.5% 124.5% 124.5% 123.5% 124.5% 124.5% 124.5% 124.5% 124.5% 124.5% 124.5% 125.5% 1
4020   50.6%   -71.4%   -72.4%   -55.5%   40.6%   -20.3%   -14.5%   43.5%   44.4%   -56.7%   44.3%   -75.4%   -75.4%   -71.4%   -75.4%   -75.4%   -71.4%   -75.4%
2021   160.4%   391.1%   305.3%   173.3%   150.1%   100.7%   61.1%   162.0%   77.8%   192.1%   166.4%   158.3%   128.2%     4021   96.4%   121.55%   185.6%   192.3%   55.8%   17.1%   162.2%   207.6%   55.8%   124.8%   195.9%   17.1%   117.1%   117.4%   155.9%   128.6%   192.8%   17.4%   17.1%   117.1%   115.4%   192.9%   27.5%   124.8%   195.9%   124.8%   195.9%   124.8%   195.9%   124.8%   195.9%   124.8%   195.9%   125.5%   124.8%   195.9%   125.5%   126.6%   17.4%   137.4%   17.1%   141.2%   17.1%   15.1%   58.1%     CV22   15.8%   12.8%   11.3%   12.8%   12.5%   10.4%   13.7%   51.3%   50.9%   25.1%   60.1%   42.6%     61/12022   13.4%   15.8%   12.5%   10.5%   12.7%   55.5%   50.6%   55.5%   50.9%   25.5%
3021   83.8%   201.3%   192.9%   12%   72.8%   56.4%   39.5%   71.1%   169.2%   207.8%   95.8%   166.4%   96.9%     1022   67.2%   112.3%   127.2%   69.7%   51.0%   38.2%   24.3%   56.3%   97.1%   137.1%   115.2%   85.1%   55.4%   56.3%   97.1%   137.1%   115.2%   85.1%   58.1%   77.3%   225.6%   124.8%   126.3%   126.5%   124.8%   126.5%   124.8%   126.5%   124.8%   126.5%   124.8%   126.5%   124.8%   126.5%   124.8%   126.5%   124.8%   125.5%   145.7%   145.7%   145.7%   145.7%   145.7%   145.7%   145.7%   100.5%   17.9%   107.5%   124.8%   127.9%   156.5%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   56.6%   57.5%   51.4%   57.5%   56.6%   56.6%   57.5%
4021   964 % 215.5%   125.6%   126.8%   127.2%   65.2%   37.2%   86.4%   27.37%   225.6%   124.8%   195.9%   120.2
1022   67.2%   112.3%   127.2%   69.7%   51.0%   38.2%   24.3%   58.3%   97.1%   137.1%   115.2%   85.1%   56.1%     YO % change in ADR     Vor % change in ADR     Us.   Idea     Use 1   Upper   Upper   Idea     US.   Use 25.%   11.4%   12.1%   Idea     Use 1   Upper   Upper   Idea     US.   Law   Change in ADR     VOY % change in ADR     0   Idea     Use 35%   21.1%   10.4%   Extended to the first set of the first
Vory change in ADR     Usury Upscale Upscale Midscale Economy pendent New York Boston   LA   Chicago   DC     64/2002   18.5%   10.0%   21.5%   21.1%   14.3%   12.1%   10.6%   7.5%   59.6%   25.1%   69.1%   42.6%     61/12002   23.3%   15.8%   21.1%   14.3%   12.1%   10.6%   7.3%   75.4%   31.7%   51.3%   59.6%   25.1%   60.1%   42.6%     6/12002   19.4%   11.6%   23.5%   21.8%   11.8%   32.6%   55.5%   51.5%   50.0%   15.5%   45.7%   51.5%   56.8%   80.7%   21.1%   57.5%   51.5%   50.0%   15.5%   45.7%   51.5%   51.5%   50.0%   15.5%   41.7%   51.5%
U.S.   Luxury   Upper   Midscale   Midscale   Midscale   Finder     64/2022   18.5%   10.0%   21.1%   14.3%   12.1%   10.4%   55.0%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.1%   69.1%   25.5%   56.0%   56.0%   56.0%   57.5%   55.5%   50.0%   55.5%   51.5%
U.S.   Luxury   Upscale   Midscale   Midscale   Economy pendent   New York   Boston   LA   Chicago   OC.     6/4/2022   18.5%   10.0%   21.5%   21.1%   14.3%   12.1%   10.0%   13.7%   51.3%   59.6%   25.1%   69.1%   42.6%     6/11/2022   19.4%   11.6%   23.5%   52.8%   24.3%   15.8%   10.0%   77.9%   12.7%   67.3%   75.4%   31.7%   67.3%   75.4%   31.7%   67.3%   75.4%   31.7%   67.3%   75.4%   31.7%   67.3%   75.4%   31.7%   67.3%   75.4%   31.7%   67.3%   75.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   31.7%   76.4%   30.7%   77.4%   30.4%   10.7%   53.3%   32.7%   77.4%   31.7%   77.4
6#2022   18.5%   10.0%   21.5%   21.1%   14.3%   12.1%   10.4%   13.7%   51.3%   52.6%   22.1%   62.1%   62.1%   62.1%   62.1%   62.1%   62.1%   62.1%   62.1%   62.1%   56.0%   57.3%   57.3%   57.3%   57.3%   57.3%   57.3%   57.3%   57.3%   57.3%   57.3%   57.3%   57.3%   52.1%   56.2%   56.2%   57.3%   57.3%   51.2%   55.6%   50.0%   15.5%   64.7%   57.3% <t< th=""></t<>
6/11/2022   23.3%   15.8%   28.7%   24.3%   15.8%   12.5%   10.5%   17.9%   67.3%   75.4%   31.7%   62.1%   56.0%     6/18/2022   17.0%   7.9%   20.1%   13.8%   11.3%   9.2%   13.6%   56.4%   86.7%   21.1%   56.7%   56.3%   56.4%   87.7%   21.1%   57.3%   32.8%   56.4%   55.5%   50.0%   15.5%   45.7%   51.3%     7/2/2022   12.4%   1.8%   13.3%   15.3%   9.5%   6.6%   5.5%   8.1%   33.6%   12.3%   16.8%   10.0%   5.5%   4.4%   7.6%   19.5%   20.9%   12.3%   13.8%   13.1%   9.5%   4.4%   4.6%   5.5%   8.1%   13.5%   14.2%   6.6%   5.5%   8.1%   13.5%   14.2%   7.0%   5.3%   3.7%   7.4%   25.8%   3.4.9%   11.8%   23.6%   1.8%   3.0.4%   25.9%   10.5%   23.6%   1.4%   0.1%   20.0%
BCSC0222   17.0%   7.9%   20.1%   19.8%   13.1%   9.8%   7.9%   12.7%   55.5%   50.0%   15.5%   4.5%   51.5%   4.5%   51.5%   4.5%   51.5%   4.5%   51.5%   4.5%   50.0%   15.5%   4.5%   51.5%   4.4%   7.6%   19.5%   32.0%   12.3%   16.8%   10.0%   55.5%   4.4%   7.6%   19.5%   32.0%   12.3%   19.3%   19.3%   19.6%   30.0%   43.0%   15.5%   38.7%   10.7%   55.5%   4.4%   7.6%   19.5%   32.0%   12.3%   19.3%   19.6%   30.0%   22.3%   11.0%   30.4%   25.9%     7/02/0222   10.2%   3.2%   11.5%   12.5%   7.0%   5.3%   3.7%   7.4%   22.8%   31.9%   11.8%   20.0%   15.6%   4.1%   6.5%   2.3%   2.13%   11.1%   2.0%   15.6%   4.4%   3.4%   5.8%   2.0%   1.5%   2.0%   1.18%   2.0%   1.0%
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
$\begin{array}{c c c c c c c c c c c c c c c c c c c $
$\begin{array}{c c c c c c c c c c c c c c c c c c c $
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
2Q21   43.2%   37.8%   30.6%   21.3%   23.1%   20.4%   18.6%   52.6%   33.5%   38.0%   42.5%   46.1%   23.1%     3021   36.2%   31.8%   35.0%   29.7%   28.3%   23.5%   21.1%   32.8%   64.2%   57.7%   43.1%   59.6%   29.4%     4Q21   41.5%   29.6%   41.9%   32.4%   28.5%   22.9%   18.8%   39.2%   99.6%   69.6%   46.1%   64.9%   41.6%     1022   37.5%   21.0%   39.7%   32.8%   18.8%   39.2%   99.6%   69.6%   46.1%   64.9%   41.6%     1022   37.5%   21.0%   39.7%   20.8%   18.8%   39.2%   99.6%   69.6%   46.1%   64.9%   41.6%
3021   36.2%   31.8%   50.0%   29.7%   28.3%   22.5%   21.1%   32.8%   64.2%   57.7%   43.1%   59.6%   29.4%     4021   41.5%   29.6%   41.9%   34.2%   28.5%   22.9%   18.8%   39.2%   99.6%   69.6%   46.1%   64.9%   41.6%     1022   37.5%   21.0%   38.7%   20.8%   17.3%   30.2%   52.2%   50.5%   61.8%   41.1%     1022   37.5%   21.0%   38.7%   20.8%   17.3%   30.4%   52.2%   50.5%   61.8%   41.1%   31.7%
4Q21   41.5%   29.6%   41.9%   34.2%   28.5%   22.9%   18.8%   39.2%   99.6%   69.6%   46.1%   64.9%   41.6%     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%
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%

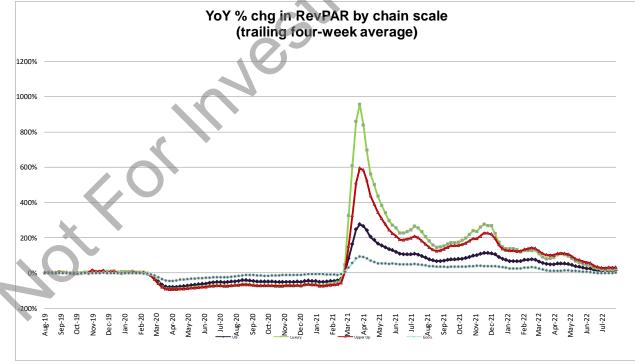
	YoY % change in Occupancy												
			Upper		Upper			Inde-					
	U.S.	Luxury							New York	Boston	LA	Chicago	DC
6/4/2022	2.5%	24.5%	23.0%		0.3%	-3.7%		-1.1%		42.9%	6.9%	32.2%	40.0%
6/11/2022	7.4%	38.4%	36.8%	12.9%	3.8%	-1.9%	-3.3%	2.9%	37.9%	51.1%	15.0%	36.7%	49.3%
6/18/2022	6.0%	32.6%	30.9%	11.0%	3.6%	-1.9%	-3.7%	1.6%	32.9%	60.2%	6.0%	40.1%	46.2%
6/25/2022	3.8%	23.6%	23.8%	8.3%	2.1%	-2.6%	-4.5%	-0.4%	28.9%	32.4%	-0.5%	32.1%	39.3%
7/2/2022	3.3%	25.9%	24.0%	8.8%	1.8%	-3.2%	-5.6%	-1.3%	20.8%	23.9%	4.9%	33.9%	28.7%
7/9/2022	-5.6%	1.0%	2.9%	-3.8%	-6.5%	-8.9%	-8.0%	-7.1%	6.7%	12.1%	-5.3%	5.1%	12.9%
7/16/2022	1.7%	17.3%	18.1%	6.0%	0.3%	-3.8%	-6.2%	-1.6%		27.7%	-0.8%	25.4%	24.7%
7/23/2022	2.1%	16.2%	17.1%	5.9%	0.8%	-3.5%	-5.0%	-0.8%	19.0%	23.0%	3.3%	23.0%	23.6%
7/30/2022	2.8%	14.4%	18.5%	6.2%	1.8%	-3.3%	-5.0%	0.0%	21.2%	23.9%	2.5%	14.8%	26.1%
8/6/2022	3.1%	10.5%	17.6%	6.5%	2.8%	-2.3%	-3.5%	0.1%	22.2%	15.3%	1.7%	16.1%	17.1%
8/13/2022	4.4%	21.6%	21.8%	7.4%	3.0%	-2.7%	-4.5%	2.5%	26.9%	20.2%	3.1%	12.2%	21.7%
8/20/2022	5.8%	21.4%	21.4%	9.3%	5.4%	-0.5%	-3.4%	3.6%	26.3%	21.2%	5.8%	18.5%	18.4%
8/27/2022	6.7%	26.3%	26.8%	11.1%	5.2%	-1.6%	-4.5%	4.3%	28.6%	19.3%	7.7%	17.0%	16.9%
1Q19	0.4%	-2.8%	-1.3%	-1.4%	-0.5%	0.0%		2.1%		-2.8%	-0.7%	-2.2%	-3.8%
2Q19	-0.1%	-1.4%	-0.9%	-1.0%	-0.7%	-0.6%	1.1%	0.7%		1.3%	0.8%	1.7%	-1.7%
3Q19	-0.1%	-0.2%	-0.2%	-0.7%	0.0%	-0.5%	-0.4%	0.0%		-1.4%	0.1%	0.6%	0.4%
4Q19	-0.1%	1.2%	0.4%	-0.2%	-0.8%	-1.7%	-0.4%	0.4%		-6.5%	0.8%	1.5%	1.3%
1Q20	-15.9%	-22.6%	-21.9%	-18.4%	-16.5%	-13.6%	-7.7%	-14.8%		-19.5%	-17.1%	-18.8%	-17.6%
2Q20	-52.1%	-83.0%	-79.8%	-64.0%	-55.1%	-41.3%		-46.6%		-72.7%	-57.1%	-64.7%	-68.2%
3Q20	-32.2%	-68.0%	-62.2%	-40.9%	-29.5%	-20.5%	-10.6%	-27.3%		-60.3%	-39.1%	-53.1%	-51.2%
4Q20	-32.1%	-67.8%	-61.2%	-39.1%	-27.8%	-17.8%	-9.1%	-28.5%		-56.2%	-42.5%	-55.5%	-51.7%
1Q21 2Q21	-10.1% 81.9%	-44.6% 256.5%	-40.5% 210.5%	-14.7% 125.3%	-3.8% 103.2%	0.5% 66.7%	5.6% 35.9%	-6.7% 71.7%		-35.6% 111.7%	-22.2% 86.9%	-26.0% 76.8%	-21.6% 83.8%
2Q21 3Q21	81.9% 34.9%	256.5% 128.5%	210.5% 94.7%	125.3%	103.2%	26.6%	35.9% 15.2%	28.8%		95.2%	86.9% 36.9%	76.8% 67.0%	83.8% 52.1%
4Q21	38.8%	128.5%	94.7% 101.3%	47.4%	34.7%	26.3%	15.2%	28.8%		95.2%	53.9%	79.4%	62.2%
1022	56.2%	54.0%	53.2%	60.3%	59.4%	52.3%	55.5%	54.2%		57.6%	33.0%	31.2%	20.1%
2022	10.0%		53.2% 41.8%	15.5%	59.4% 6.2%	0.5%	-2.6%	5.9%		56.7%	33.0% 13.7%	36.3%	20.1% 53.0%
2022	10.0%	40.0%	41.0%	10.076	0.2%	0.5%	-2.0%	5.9%	§ 42.770	30.7%	13.770	30.3%	55.0%

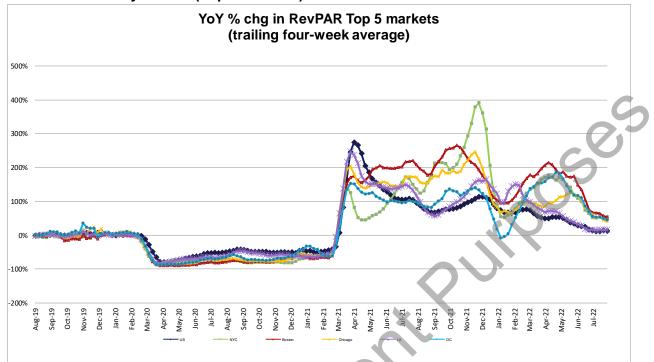
# **RevPAR Component Trends**



Source: STR data, Truist Securities research

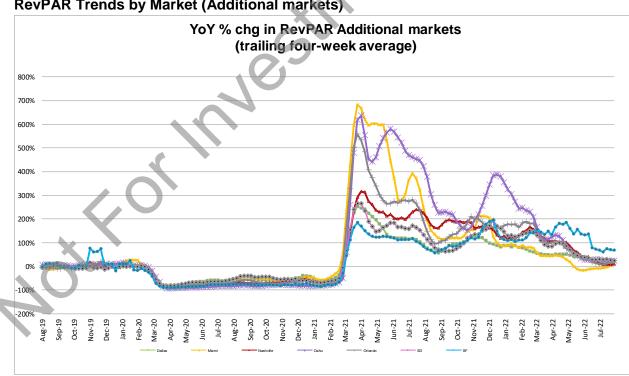




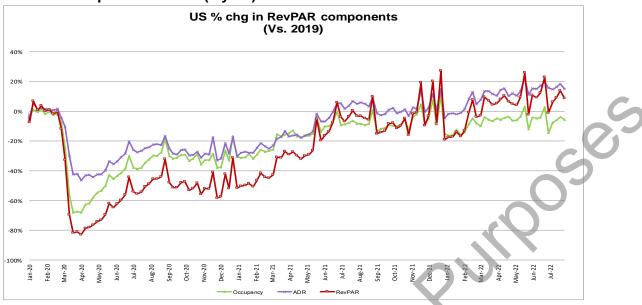


**RevPAR Trends by Market (Top 5 markets)** 

Source: STR data, Truist Securities research



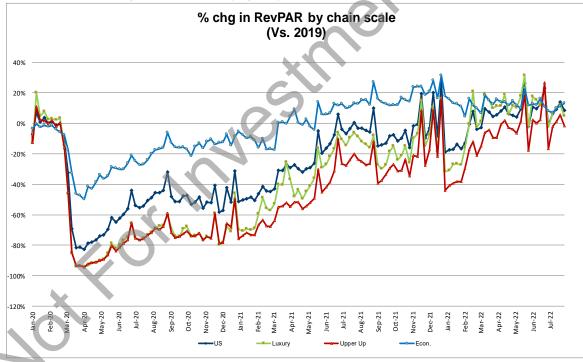
RevPAR Trends by Market (Additional markets)

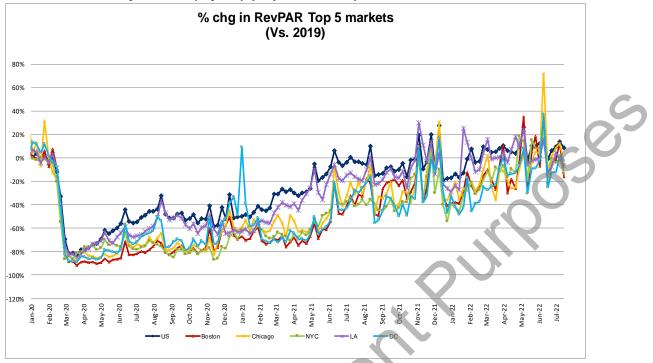


## **RevPAR Component Trends (3-year)**

Source: STR data, Truist Securities research

### **RevPAR Trends by Chain Scale (3-year)**

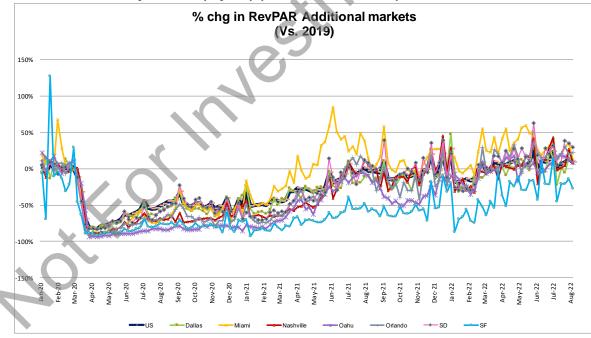






Source: STR data, Truist Securities research

## RevPAR Trends by Market (3-year) (Additional markets)



Source: STR data, Truist Securities research

# Price Target/Risks Summary

						Truist Securitie Stoc	es Valuation EB k Based Comp/		As Reported/Consensus/Data Aggregator "Headline" EBITDA				
Lodging	TKR	Price 8/30/22	Rating	РТ*	% upside/ down- side	2021A EBITDA (\$M)* **	2022E EBITDA (\$M)* **	2023E EBITDA (\$M)* **	2021A EBITDA (\$M)*	2022E EBITDA (\$M)*	2023E EBITDA (\$M)*	Target EV/EBITDA Multiple	Risks Note: COVID-19 represents a material risk to our entire coverage especially related to the length/severity of the demand shock.
Bluegreen Vacations	BVH	\$21.37	Buy	\$57	165%	\$122	\$141	\$156	\$122	\$141	\$156	7.6X	Downside risk: controlled company issues, limited cap/float, loan defaults, and macroeconomic risk.
													Upside risk: conservative growth of new brands; market share gains. Downside risk: slowdown in development opportunities; market share
Choice Hotels	СНН	\$114.39	Hold	\$138	20%	\$392	\$446	\$487	\$404	\$459	\$503	16.0X	losses. Upside risk: faster demand improvement in corporate travel than expected Brand changes (e.g., Vali) lead to material EBITDA improvement. Leisure hotels hold/improve on RevPAR and marging despite the challenging macro. Downside risk: lodging recovery takes longer than expected, weaker results from ROI projects than forecasted, poor performance of .
DiamondRock Hospitality	DRH	\$8.87	Hold	\$11	24%	\$83	\$257	\$289	\$84	\$257	\$289	12.0X	weaker results from ROI projects than forecasted, poor performance of recently acquired assets. Upside risk: Macro lodging trends improve beyond expectations. Faster
Hilton	HLT	\$126.83	Hold	\$151	19%	\$1,470	\$2,217	\$2,881	\$1,629	\$2,338	\$2,996	17.0X	than expected net unit growth. Downside risk: slowing pipeline. Deep recession.
Hilton Grand Vacations	HGV	\$41.38	Buy	\$64	53%	\$585	\$865	\$982	\$637	\$987	\$1.081	94X	Downside risk: Disruption in a major market (HGV more concentrated than peers), issues with Japanese customer (HGV more exposed than peers), difficult sourcing additional fee-for-service inventory deals
Host Hotels & Resorts	HST	\$17.87	Hold		18%	\$532	\$1.315	\$1.493	\$532	\$1.315	\$1.493	12.5X	Upside risk: faster demand improvement in cryorate/comention travel the expected. Dispositions at higher multiple land spected, storager than expected performance by lausy, leave reasors on tool log-line and margins through the valuation year. Consider task, non-odd industry downtum with particular impact [or targe bits on knocks, weak recovery of international travel during the valuation period, macro demand shock to accurried restrictures.
Host Hotels & Resorts	HSI	\$17.87	Hold	\$21	18%	\$532	\$1,315	\$1,493	\$532	\$1,315	\$1,493	12.5X	acquired resort assets, labor issues. Downside risk: lodging recovery lakes longer than expected. Planned dispositions take longer than expected. Material labor issues to owned hotels. Pipeline growth slower than expected. Apple Leisure Group
Hyatt Hotels	н	\$89.44	Buy	\$122	36%	\$234	\$881	\$1,073	\$284	\$937	\$1,134	13.8X	underperforms. Upside risk: Macro lodging trends improve beyond expectations. Faster
Marriott International	MAR	\$153.34	Hold	\$182	19%	\$1,977	\$3,351	\$3,899	\$2,278	\$3,640	\$4,200	16.8X	than expected net unit growth. Downside risk: slowing pipeline. Deep 2022 recession.
Marriott Vacations	VAC	\$141.59	Buy	\$205	45%	\$524	\$342	\$1,380	\$657	\$928	\$1,035	10.0X	Downside risk: M&A story fades and multiples revert to historical levels Downside risk: extended industry downturn with particular impact to large big box hotels, weak recovery of international travel during the valuation
Park Hotels & Resorts	PK	\$14.09	Buy	\$22	56%	\$123	\$567	\$752	\$142	\$585	\$776	12.0X	period especially Oahu, macro demand shock impact to major resort assets, labor issues. Upside Risks: Material near-term incremental EBITDA from Legacy LHO 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 San
Pebblebrook Hotel Trust*** Playa Hotels & Resorts	PEB	\$18.02	Hold	\$24 \$11	33% 66%	\$88	\$388 \$203	\$431 \$245	\$88	\$399 \$217	\$444 \$258	14.5X 10.5X	Francisco. Downside risk: demand shocks, hurricanes, reduced airlift, new supply, country-specific risks (emerging market portfolio)
	RLI	\$12.20			39%	\$145	\$344						Downside risk: Slower than expected recovery of corporate business trave post-COVID; scope/timing and/or upside from repositionings underwhelms investor expectations; labor costs are not materially reduced either due to
RLJ Lodging Trust***	RLJ	\$12.20	Buy	\$17	39%	\$145	\$344	\$405	\$162	\$366	\$428	12.0X	increased wages/benefits or inability to cut costs post-tech improvements Upside risk: recovering group and Entertainment demand faster than
Ryman Hospitality Properties	RHP	\$83.62	Hold	\$95	14%	\$162	\$471	\$573	\$177	\$497	\$601	13.0X	expected, better margin recovery. Downside risk: Group demand returns slower than expected. Property-specific risks given a small portfolio. Upside risk: faster demand improvement in corporate travel than expected Renovations lead to faster than expected EBITDA improvements. SHO
Sunstone Hotel Investors	SHO	\$11.04	Hold	\$12	9%	\$54	\$186	\$254	\$67	\$199	\$266	12.5X	Vestivations to a loader tand register and quickly adds incremental EBITDA during the valuation period. Downside risk: Lodging recovery takes longer than expected, abor issues, was recovery of international travel to gateway markets, natural disaster risk. Montage EBITDA stabilizes well lower than expected.
	3110	911.04	TIOIG	ψīz	370		3100	22,4		9100	3200	12.57	Downside risks: MTN is subject to prolonged weakness in general economic conditions, including adverse effects on the overall travel and leisure related industries.
/ail Resorts, Inc.	MTN	\$225.56	Hold	\$281	25%	\$540	\$837	\$893	\$540	\$837	\$893	16.0X	Upside risks include a faster economic recovery and investors continuing t apply higher target valuation multiples.
ravel + Leisure Co.	TNL	\$42.42	Buy	\$78	83%	\$748	\$835	\$971	\$778	\$869	\$1,014	8.6X	Downside risk: The timeshare business is especially vulnerable to economi softness. There are potential execution risks post the spin off. Downside risk: Slowdown in development opportunities. Weaker than
		\$65.47	Buv	\$92	41%	\$562	\$586	\$653	\$590	\$621	\$695	15.0X	expected transient trends.

Source: FactSet, Truist Securities research



,05°

# **Companies Mentioned in This Note**

Bluegreen Vacations Holding Corporation (BVH, \$21.37, Buy, C. Patrick Scholes) Choice Hotels International, Inc. (CHH, \$114.39, Hold, C. Patrick Scholes) DiamondRock Hospitality Company (DRH, \$8.87, Hold, C. Patrick Scholes) Hyatt Hotels Corporation (H, \$89.44, Buy, C. Patrick Scholes) Hilton Grand Vacations Inc. (HGV, \$41.38, Buy, C. Patrick Scholes) Hilton Worldwide Holdings Inc. (HLT, \$126.83, Hold, C. Patrick Scholes) Host Hotels & Resorts, Inc. (HST, \$17.87, Hold, C. Patrick Scholes) Marriott International, Inc. (MAR, \$153.34, Hold, C. Patrick Scholes) Vail Resorts, Inc. (MTN, \$225.56, Hold, C. Patrick Scholes) Pebblebrook Hotel Trust (PEB, \$18.02, Hold, Gregory Miller) Park Hotels & Resorts Inc. (PK, \$14.09, Buy, C. Patrick Scholes) Playa Hotels & Resorts N.V. (PLYA, \$6.63, Buy, C. Patrick Scholes) Ryman Hospitality Properties, Inc. (RHP, \$83.62, Hold, C. Patrick Scholes) RLJ Lodging Trust (RLJ, \$12.20, Buy, Gregory Miller) Sunstone Hotel Investors, Inc. (SHO, \$11.04, Hold, C. Patrick Scholes) Travel + Leisure Co. (TNL, \$42.42, Buy, C. Patrick Scholes) Marriott Vacations Worldwide Corporation (VAC, \$141.59, Buy, C. Patrick Scholes) Wyndham Hotels & Resorts, Inc. (WH, \$65.47, 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@research.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:

- 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 08/31/2022):

Coverage Universe	e		Investment Banking Clients Past 12 Months						
Rating	Count	Percent	Rating	Count	Percent				
Buy Hold	516 220	69.82% 29.77%	Buy Hold	76 41	14.73% 18.64%				
Sell	3	0.41%	Sell	0	0.00%				

### **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 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.

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 Securities, and Truist Investment Services are service marks of Truist Financial Corporation.

osk

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

© Truist Securities, Inc. 2022. 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

Nestme