

Hilton Worldwide

2024 Analyst Day Preview: For the stay (and the buybacks)

Maintain Rating: BUY | PO: 215.00 USD | Price: 204.19 USD

Analyst Day Preview: Our 3-year outlook expectations

Hilton Worldwide (HLT) will host its first Analyst Day since 2016 on 3/19 in Washington DC. Similar to last time and peers, we expect Hilton to lay out its medium term strategy as well as 3-year financial scenarios including fees, RevPAR, adj. EBITDA, EPS and free cash flow. We expect Hilton to compound fees at +8-10% through 2026 leading to ~\$4B of fees, >\$4B of EBITDA and approaching \$10/share in EPS.

Focus: Development wins and non-RevPAR fees above algo

We expect a less aggressive RevPAR guide than Marriott (see report) or Hyatt (see report), likely in-line with the 2-4% outlined at 40 (see report). As such, Net Unit Growth (NUG) will be in focus as to whether HLT can 1) maintain its 5.5-6% range beyond 2024, or 2) possibly accelerate back to their LT average of +6-7%, which to us would be a significant positive given low US supply. We expect more details on NUG drivers incl. RevPAR premium, brand launches (incl. Spark), conversions and maybe partnerships like SLH. We also expect detail on non-RevPAR fees, esp. timeshare, services and credit card.

Margins, conversion and \$10B of capital returns

Since 2017, HLT has expanded EBITDA margins by 14.5pp from 55.5% to 70% and we expect expense leverage to continue at the rate of 100-200bps per year. HLT may comment on its G&A expectations, and expense and capital allocation discipline are hallmark of HLT's management team. HLT may give more color on growth capital investments (key money), which are usually a strong suit for HLT given its limited service focus. And we expect an update on capital returns which we think reaches \$10B cumulative in the next 3 years equal to 18% of market cap.

The valuation debate: Absolutely expensive, relatively fair

Valuation remains the primary <u>pushback on HLT and Lodging C-Corps</u> (see our recent <u>Bull-Bear Debate report</u>) and HLT is now in the upper range of its historical valuation. However, its relative value to both the broader market and other "compounding" stocks remains in-line with historical averages, and surprisingly, shares (historically) have tended to trade more sideways than underperform the market dramatically after big reratings and periods of outperformance. Maintain Buy.

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	4.89	6.37	7.12	8.45	9.82
GAAP EPS	4.53	4.48	6.89	8.24	9.59
EPS Change (YoY)	135.1%	30.3%	11.8%	18.7%	16.2%
Consensus EPS (Bloomberg)			7.09	8.21	9.28
DPS	0.60	0.60	0.60	0.60	0.60
Valuation (Dec)					
P/E	41.8x	32.1x	28.7x	24.2x	20.8x
GAAP P/E	45.1x	45.6x	29.6x	24.8x	21.3x
Dividend Yield	0.3%	0.3%	0.3%	0.3%	0.3%
EV / EBITDA*	25.6x	21.5x	19.7x	18.1x	16.5x
Free Cash Flow Yield*	3.1%	2.8%	3.7%	4.1%	4.5%
* For full definitions of <i>IQ</i> method SM measures, see page 10.					

BofA Securities does and seeks to do business with issuers covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision. Refer to important disclosures on page 11 to 13. Analyst Certification on page 9. Price Objective Basis/Risk on page 9. 12669472

Timestamp: 12 March 2024 05:00AM EDT

12 March 2024

Equity

Shaun C. Kelley Research Analyst +1 646 855 1005 shaun.kelley@bofa.com

Dany Asad Research Analyst +1 646 855 5238 dany.asad@bofa.com

Julie Hoover Research Analyst BofAS +1 646 855 0674 julie.hoover@bofa.com

Stock Data

204.19 USD Price Objective 215.00 USD Date Established 7-Feb-2024 Investment Opinion B-1-7 52-Week Range 129.86 USD - 206.65 USD 51,489 USD / 252.2 Mrkt Val (mn) / Shares Out (mn)

Average Daily Value (mn) 316.18 USD BofA Ticker / Exchange HLT / NYS Bloomberg / Reuters HLT US / HLT.N ROE (2024E) NΑ Net Dbt to Eqty (Dec-2023A) NA ESGMeter™ High

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology"

SLH – Small Luxury Hotels of the World

iQprofile[™] Hilton Worldwide

(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Return on Capital Employed	11.5%	13.8%	16.6%	18.7%	20.59
Return on Equity	NM	NM	NM	NM	NN
Operating Margin	57.1%	59.0%	61.9%	63.6%	65.39
Free Cash Flow	1,579	1,466	1,903	2,109	2,30
iQmethod SM – Quality of Earnings*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Cash Realization Ratio	1.2x	1.0x	1.2x	1.2x	1.2
Asset Replacement Ratio	0.6x	1.8x	2.4x	2.5x	2.6
Tax Rate	27.5%	31.3%	29.8%	28.5%	28.5°
Net Debt-to-Equity Ratio	NM	NM	NM	NM	N
Interest Cover	5.1x	5.6x	5.7x	5.8x	5.6
Income Statement Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Sales	3,736	4,408	4,809	5,162	5,53
% Change	52.9%	18.0%	9.1%	7.3%	7.39
Gross Profit	NA	NA	NA	NA	N
% Change	NA	NA	NA	NA	N
EBITDA	2,599	3,089	3,369	3,675	4,01
% Change	59.5%	18.9%	9.1%	9.1%	9.30
Net Interest & Other Income	(399)	(870)	(521)	(571)	(644
Net Income (Adjusted)	1,357	1,676	1,773	1,982	2,16
% Change	132.4%	23.5%	5.8%	11.8%	9.39
Free Cash Flow Data (Dec) (US\$ Millions)	2022A	2023A	2024E	2025E	2026
(US\$ Millions) Net Income from Cont Operations (GAAP)	1,255	1,179	1,716	1,932	2,11
(US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization	1,255 162	1,179 147	1,716 115	1,932 114	2,11 11
(US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital	1,255 162 66	1,179 147 277	1,716 115 35	1,932 114 35	2,11 11 3
(US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	1,255 162 66 34	1,179 147 277 (55)	1,716 115 35 142	1,932 114 35 130	2,11 11 3
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	1,255 162 66 34 164	1,179 147 277 (55) 179	1,716 115 35 142 169	1,932 114 35 130 180	2,11 11 3 14
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure	1,255 162 66 34 164 (102)	1,179 147 277 (55) 179 (261)	1,716 115 35 142 169 (273)	1,932 114 35 130 180 (282)	2,11 11 3 14 19 (29
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow	1,255 162 66 34 164 (102) 1,579	1,179 147 277 (55) 179 (261) 1,466	1,716 115 35 142 169 (273) 1,903	1,932 114 35 130 180 (282) 2,109	2,11 11 3 14 19 (29
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	1,255 162 66 34 164 (102) 1,579 NM	1,179 147 277 (55) 179 (261) 1,466 -7.1%	1,716 115 35 142 169 (273) 1,903 29.8%	1,932 114 35 130 180 (282) 2,109 10.8%	2,11 11 3 14 19 (29 2,30 9.49
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase	1,255 162 66 34 164 (102) 1,579 NM (1,590)	1,179 147 277 (55) 179 (261) 1,466 - 7.1% (2,306)	1,716 115 35 142 169 (273) 1,903 29.8% (2,850)	1,932 114 35 130 180 (282) 2,109 10.8% (3,200)	2,11 11 3 14 19 (29 2,30 9.4 9 (3,200
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123)	1,179 147 277 (55) 179 (261) 1,466 - 7.1% (2,306) (159)	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149)	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141)	2,11 11 3 14 19 (29 2,30 9.4 (3,200
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase	1,255 162 66 34 164 (102) 1,579 NM (1,590)	1,179 147 277 (55) 179 (261) 1,466 - 7.1% (2,306)	1,716 115 35 142 169 (273) 1,903 29.8% (2,850)	1,932 114 35 130 180 (282) 2,109 10.8% (3,200)	2026 2,11 11 3 14 19 (291 2,30 9,49 (3,200 (132 1,20
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec)	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25)	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900	2,11 3 144 19 (29 2,30 9,4° (3,200 (132 1,20
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions)	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25)	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900	2,11 31 144 199 (299 2,30 9,49 (3,200 (132 1,20
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25)	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900	2,11 3 14 19 (29 2,30 9,4° (3,200 (132 1,20
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705	2,11 3 14 19 (29 2,30 9,49 (3,200 (132 1,20
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA	2,11 3 14 19 (29 2,30 9,4° (3,200 (132 1,20 2026 18 1,70 N
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA 280	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA 434	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA 908	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA 1,391	2,11 31 144 199 (299 2,30 9,49 (3,200 (132) 1,20 2026 18 1,70 N 1,88
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA 280 12,362	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA 434 12,330	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA 908 12,007	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA 1,391 11,684	2,11 31 14 19 (29 2,30 9,4 (3,200 (133 1,20 2026 18 1,70 N 1,88 11,36
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA 280 12,362 15,512	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA 434 12,330 14,961	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA 908 12,007 14,966	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA 1,391 11,684 14,794	2,111 31 14 19 (29 2,30 9,4 (3,200 (133 1,20 2026 18 1,70 N 1,88 11,36 15,13
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA 280 12,362 15,512 39	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA 434 12,330 14,961 37	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA 908 12,007 14,966 37	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA 1,391 11,684 14,794 37	2,111 31 14 19 (29 2,30 9,44 (3,200 (133 1,20 2026 18 1,70 N 1,88 11,36 15,13
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA 280 12,362 15,512 39 2,223	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA 434 12,330 14,961 37 2,336	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA 908 12,007 14,966 37 2,336	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA 1,391 11,684 14,794 37 2,336	2,11 31 14 19 (29 2,30 9,4° (3,200 (132 1,20 2026 18 1,70 N 1,88 11,36 15,13 3 2,33
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA 280 12,362 15,512 39 2,223 8,708	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA 434 12,330 14,961 37 2,336 8,982	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA 908 12,007 14,966 37 2,336 9,932	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA 1,391 11,684 14,794 37 2,336 10,832	2,11 3 144 199 (299 2,30 9,4° (3,200 (132 1,20 2026 18 1,70 N 1,88 11,36 15,13 3 2,33 12,03
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Short-Term Debt Other Current Liabilities Long-Term Debt Other Non-Current Liabilities	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA 280 12,362 15,512 39 2,223 8,708 5,640	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA 434 12,330 14,961 37 2,336 8,982 5,888	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA 908 12,007 14,966 37 2,336 9,932 6,065	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA 1,391 11,684 14,794 37 2,336 10,832 6,230	2,11 31 14 19 (29 2,30 9,4° (3,200 (132 1,20 2026 18 1,70 N 1,88 11,36 15,13 3 2,33 12,03 6,40
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change Share / Issue Repurchase Cost of Dividends Paid Change in Debt Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	1,255 162 66 34 164 (102) 1,579 NM (1,590) (123) (25) 2022A 1,286 1,584 NA 280 12,362 15,512 39 2,223 8,708	1,179 147 277 (55) 179 (261) 1,466 -7.1% (2,306) (159) 251 2023A 492 1,705 NA 434 12,330 14,961 37 2,336 8,982	1,716 115 35 142 169 (273) 1,903 29.8% (2,850) (149) 950 2024E 346 1,705 NA 908 12,007 14,966 37 2,336 9,932	1,932 114 35 130 180 (282) 2,109 10.8% (3,200) (141) 900 2025E 14 1,705 NA 1,391 11,684 14,794 37 2,336 10,832	2,11 3 144 199 (299 2,30 9,4° (3,200 (132 1,20 2026 18 1,70 N 1,88 11,36 15,13 3 2,33 12,03

Company Sector

Lodging

Company Description

Hilton Worldwide (ticker: HLT) is one of the largest hotel owners/operators in the world with over 5,600 properties and over 912,000 rooms in 113 countries and territories across 16 major brands. The company maintains a diverse mix of globally recognized brands such as the Waldorf Astoria, Conrad, Hilton, Embassy Suites, Doubletree, Hilton Garden Inn and Hampton Inn.

Investment Rationale

We view Hilton as a best-of-breed C-Corp with a capital-light model driven by RevPAR upside, solid net unit growth, increasing capital returns, and best-in-class management.

Stock Data

Average Daily Volume

1,548,457

Quarterly Earnings Estimates

	2023	2024
Q1	1.25A	1.41E
Q2	1.62A	1.86E
Q3	1.68A	1.95E
Q4	1.83A	1.91E



* For full definitions of *IQ*methodSM measures, see page 10.

Preview: Our 3-year outlook expectations

Exhibit 1: In 2016, Hilton shares underperformed on the Analyst Day but outperformed nicely right after

Hilton stock performance relative to the S&P 500 and other Lodging C-corps

2016 Analyst Day	HLT	vs. Peers	vs. S&P 500
Analyst Day	-2.96%	-266	-317
1 Day Post	1.07%	94	47
5 Days Post	0.53%	-71	-60
10 Days Post	5.56%	375	484

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 2: Longer term, Hilton and Lodging C-corps have meaningfully outperformed the broader market

Long-term stock performance (%)

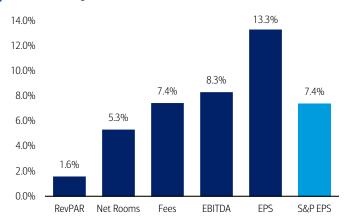
	1-Year	3-Year	5-Year	10-Year
Hilton (HLT)	41%	65%	85%	346%
Lodging C-Corps	23%	47%	51%	259%
Lodging REITs	13%	-5%	-16%	20%
Restaurant Franchisors	10%	35%	42%	181%
Large Cap Cruise	63%	-1%	-37%	39%
Consumer Discretionary	29%	12%	47%	177%
S&P 500	30%	31%	59%	176%
RMZ	3%	3%	-4%	26%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 3: Hilton compounded fees at 7% since 2018 despite travel disruption from the pandemic, and EPS +13%, above the S&P's +7% Hilton Crouds Mergithm Matrice (CACR 2017 2022)

Hilton Growth Algorithm Metrics (CAGR 2017-2023)



Source: BofA Global Research estimates, company documents, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 4: We think Hilton lays out a path to nearly \$4B of fees, over \$4B of EBITDA and nearly \$10/share of EPS by 2026E

Hilton growth metrics and our 2025 target expectations

	2018-2023	2023-2026E	2024E-2026E	2026 Target
RevPAR	1.6%	3.1%	3.0%	\$125
Net Rooms	5.3%	5.7%	5.7%	1.40
Fees	7.4%	9.5%	9.0%	\$3,925
EBITDA	8.3%	9.3%	9.4%	\$4,035
EPS	13.3%	15.3%	18.0%	\$9.76
S&D EDS	7.4%	10 9%		

Source: BofA Global Research estimates

BofA GLOBAL RESEARCH

Exhibit 5: Hilton's systemwide RevPAR exceeded prior peak

Hilton Systemwide RevPAR (in Dollars)

\$160

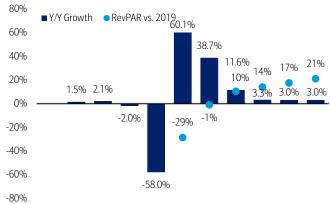


Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 6: We think 2024-2026 RevPAR will return to a low single-digit pace of growth

Hilton systemwide RevPAR growth (Y/Y and vs. 2019)

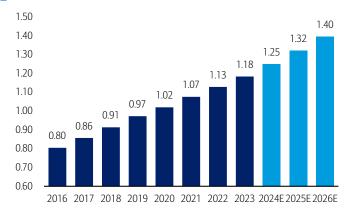


2016 2017 2018 2019 2020 2021 2022 2023 2024E2025E2026E

Source: BofA Global Research estimates, company documents



Exhibit 7: Hilton is steadily growing its system over the last cycle Hilton systemwide rooms (in millions)

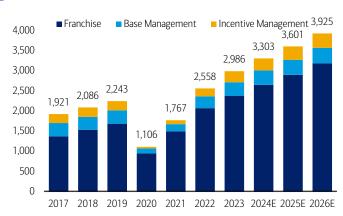


Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 9: Hilton's fees recovered by 2022, more than 12 months before RevPAR

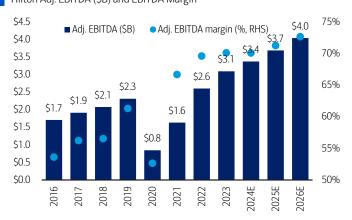
Hilton fee growth and mix



Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

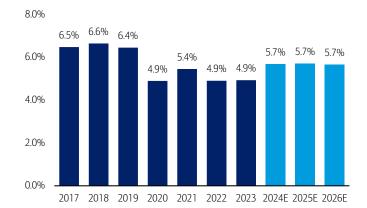
Exhibit 11: We estimate Hilton will achieve \$4B of EBITDA by 2026 Hilton Adj. EBITDA (\$B) and EBITDA Margin



Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 8: We think Hilton's unit growth accelerates from 2023's 4.9% Hilton systemwide net unit growth (Y/Y)

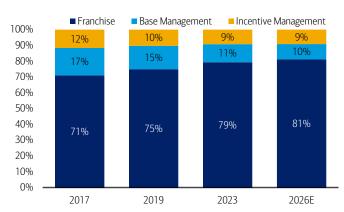


Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 10: Hilton's lower volatility franchise fee mix has been consistently increasing over time

Hilton fee mix progression



Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 12: We think Hilton will grow EPS to \$9.76/share by 2026

Hilton Adj. EPS (\$/share) and EPS Growth

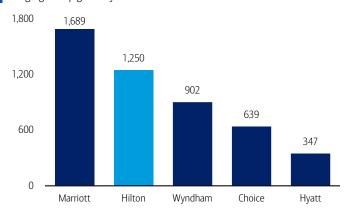


Source: BofA Global Research estimates, company documents



Exhibit 13: At 1.25M rooms, Hilton has nearly 40% more rooms than its next closest competitor

Lodging C-corp global systemwide rooms



Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 15: Since 2005, Hilton has organically grown domestic units at +4.4% CAGR and has nearly doubled market share to 14.3%

Hilton US net unit growth and market share (%)



Source: BofA Global Research, company documents, STR Global

BofA GLOBAL RESEARCH

Exhibit 17: Hilton's Home2 has been the industry pipeline leader for several years, with the top 10 Hilton brands making up nearly 23% of the total domestic pipeline

Top 10 Hilton brands currently in the domestic pipeline

Domestic Ranking	Chain Affiliation	Rooms under contract	Percent of industry pipeline
1	Home2 Suites by Hilton	60,538	8.3%
4	Hampton by Hilton	28,189	3.9%
8	Tru by Hilton	21,729	3.0%
10	Homewood Suites	15,501	2.1%
17	Hilton Garden Inn	10,847	1.5%
24	Tribute Portfolio	6,275	0.9%
25	Tapestry Collection	5,913	0.8%
26	Embassy Suites	5,705	0.8%
27	Tempo	5,656	0.8%
35	Hilton	3,774	0.5%
	Hilton Top 10 Brands	164.127	22.6%

Source: BofA Global Research, STR Global

BofA GLOBAL RESEARCH

Exhibit 14: Hilton has nearly 6% of global room share at above average fee per room relative to peers

Lodging C-corp metric comparisons

	Marriott	Hilton	Wyndham	Choice	Hyatt
RevPAR	\$129.49	\$117.40	\$50.82	\$55.64	\$146.37
Systemwide rooms	1,689,490	1,250,027	902,343	639,315	347,343
Global share (rooms)	7.6%	5.6%	4.2%	3.0%	1.7%
Global share (revenues)	10.7%	7.2%	2.0%	1.9%	2.6%
Fees	\$5,170	\$3,349	\$819	\$712	\$1,264
Fees/Room	\$3,164	\$2,717	\$908	\$1,114	\$3,780
G&A	1,028	422	223	207	430
G&A/Room	\$608	\$338	\$247	\$323	\$1,239
EBITDA	\$4,941	\$3,369	\$678	\$592	\$1,200
Margin	75%	70%	81%	73%	35%

Note: Fee per room metric is based on managed and franchised rooms only, excluding owned & leased rooms

Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 16: Hilton has 462K rooms in its global pipeline, with 47% of those rooms under construction as of 4Q23

Hilton global system pipeline by phase

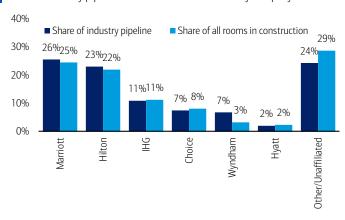


Source: BofA Global Research, company documents

BofA GLOBAL RESEARCH

Exhibit 18: Hilton and Marriott are 47% of all US rooms in construction and 49% of the total industry pipeline

Share of industry pipeline and rooms in construction by company

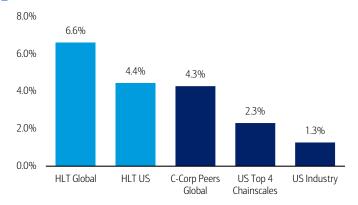


Source: BofA Global Research, STR Global



Exhibit 19: Hilton delivered a +6.6% global net unit growth CAGR since 2004, well ahead of the US industry and targeted chainscales

Net unit growth and supply growth CAGR (20024-2023)

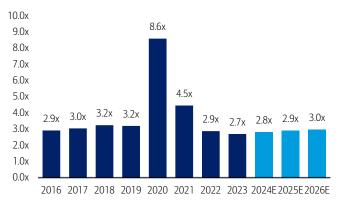


Source: BofA Global Research, company documents, STR Global

BofA GLOBAL RESEARCH

Exhibit 21: We estimate Hilton can return nearly \$10B over the next three years while remaining below target leverage (3.0-3.5x)

Hilton net leverage (net debt to EBITDA)



Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 23: We estimate Hilton can return ~\$10B to shareholders between 2024-2026

Hilton 2016-2026E capital returns (\$M)

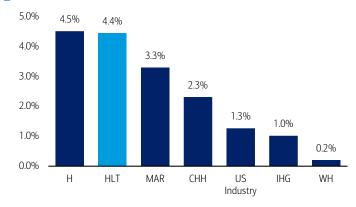


Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 20: Hilton's domestic net unit growth is nearly the highest despite being over 5x larger than the fastest growing competitor

Domestic net unit growth CAGR by C-corp (2004-2023)

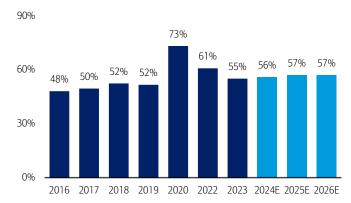


Source: BofA Global Research, company documents, STR Global

BofA GLOBAL RESEARCH

Exhibit 22: Hilton's free cash flow conversion has steadily improved and is approaching 60%

Hilton free cash flow conversion from Adj. EBITDA (%)

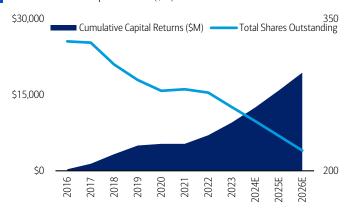


Source: BofA Global Research estimates, company documents

BofA GLOBAL RESEARCH

Exhibit 24: We estimate HLT will return nearly \$20B over 11 years vs. its current market cap of \$51B and reducing share count by -33%

Hilton cumulative capital returns (\$M)



Source: BofA Global Research estimates, company documents



Exhibit 25: At a 5.6x premium to the S&P 500 P/E, the group is above the 4.6x LT average but inside 1 standard deviation (6.8x premium)

P/E Multiple Premium to the S&P 500

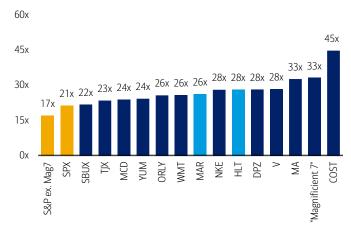


Source: Company filings, BofA Global Research estimates, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 27: Hilton and other Lodging C-corps are smaller in size, though comparable in growth and more profitable than peers

Lodging C-Corp vs. Consumer: Compounding wins

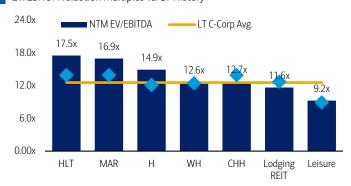


Source: Company filings, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 29: Hilton currently trades at premiums to its LT multiple and other Lodging/Leisure sub-sectors

EV/EBITDA valuation multiples vs. LT History



Source: Company filings, BofA Global Research estimates, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 26: The group is trading at a +30% premium to the S&P 500, dead in-line with its long-term average

Multiple Premium % Relative to the S&P 500

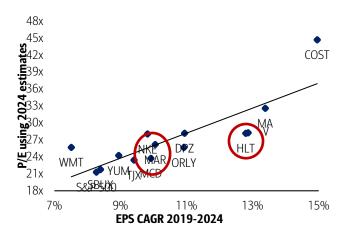


Source: Company filings, BofA Global Research estimates, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 28: In the context of global consumer compounding companies, Marriott and Hilton valuations are attractive/below trendline

Lodging C-Corp vs. Consumer: P/E vs. Growth

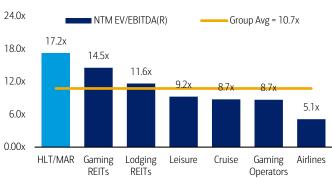


Source: Company filings, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 30: Hilton trades at premiums to all other sub-sectors of Lodging and Leisure

EV/EBITDA valuation Multiples vs. Peer Groups



Source: Company filings, BofA Global Research estimates, Bloomberg



Exhibit 33: Hilton Peak Cycle Sensitivity

Blending mid/peak multiples on peak earnings can drive HLT shares to \$220+

Hilton (HLT) Valuation

\con	arıos
JUCII	ai ivə

Multiple:	Midcycle	Peak	Peak	
Earnings:	Peak	Midcycle	Peak	
EBITDA Valua	ation			Average:
Multiple	14.5x	17.5x	17.5x	16.5x
EBITDA	\$3,807	\$3,514	\$3,807	\$3,709
Implied Px	\$190	\$217	\$239	\$215
P/E Valuation	1			Average:
P/E Valuation Multiple	23.5x	29.5x	29.5x	Average: 27.5x
		29.5x \$7.71	29.5x \$8.87	
Multiple	23.5x			27.5x
Multiple EPS	23.5x \$7.71	\$7.71	\$8.87	27.5x \$8.10
Multiple EPS	23.5x \$7.71	\$7.71	\$8.87	27.5x \$8.10

Rlended	Multiple	/EDITDA	/ DE\
Biennen	MIIITINIE	(FRIII)A	/ PFI

		Trough	Mid	Peak
88	Trough	\$114	\$154	\$194
Earnings	Midcycle	\$131	\$177	\$222
Ē	Next Peak	\$148	\$199	\$250

Source: Company filings, BofA Global Research estimates, Bloomberg

Price objective basis & risk

Hilton Worldwide (HLT)

Our \$215 price objective is based on approximately 17x our 2025E EBITDA forecast, a premium to historical multiples for this type of hotel business given improving share gains and a leaner/more efficient business model that we believe can sustain historically high EBITDA margins. The price objective is also in-line with a midcycle multiple on 2027 earnings discounted back to 2024E.

Downside risks to our price objective are 1) greater-than-expected economic weakness, which may lead to declines in travel demand, 2) greater-than-expected delays in hotel development, which may slow system growth, 3) worse-than-expected consumer spending, which may lead to declines in demand for timeshare product, and 4) acts or threats of terrorism.

Analyst Certification

I, Shaun C. Kelley, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - Gaming, Lodging and Leisure Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	Boyd Gaming Corp	BYD	BYD US	Shaun C. Kelley
	Choice Hotels International	CHH	CHH US	Dany Asad
	DraftKings, Inc.	DKNG	DKNG US	Shaun C. Kelley
	Hilton Worldwide	HLT	HLT US	Shaun C. Kelley
	Host Hotels & Resorts Inc.	HST	HST US	Shaun C. Kelley
	Hyatt Hotels	Н	HUS	Shaun C. Kelley
	Marriott International Inc.	MAR	MAR US	Shaun C. Kelley
	Penn Entertainment	PENN	PENN US	Shaun C. Kelley
	Ryman Hospitality Properties	RHP	RHP US	Shaun C. Kelley
	Soho House & Co Inc	SHCO	SHCO US	Shaun C. Kelley
	VICI Properties	VICI	VICI US	Shaun C. Kelley
	Wyndham Hotels & Resorts, Inc.	WH	WH US	Dany Asad
NEUTRAL				
	Apple Hospitality REIT Inc.	APLE	APLE US	Dany Asad
	Caesars Entertainment Inc	CZR	CZR US	Shaun C. Kelley
	Churchill Downs Incorporated	CHDN	CHDN US	Shaun C. Kelley
	Hilton Grand Vacations Inc	HGV	HGV US	Dany Asad
	Las Vegas Sands	LVS	LVS US	Shaun C. Kelley
	MGM Resorts International	MGM	MGM US	Shaun C. Kelley
	Park Hotels & Resorts Inc.	PK	PK US	Dany Asad
	Vail Resorts, Inc	MTN	MTN US	Shaun C. Kelley
	Wynn Resorts Ltd	WYNN	WYNN US	Shaun C. Kelley
UNDERPERFORM				
	DiamondRock Hospitality	DRH	DRH US	Dany Asad
	Gaming & Leisure Properties, Inc.	GLPI	GLPI US	Shaun C. Kelley
	Marriott Vacations Worldwide	VAC	VAC US	Shaun C. Kelley
	Pebblebrook Hotel Trust	PEB	PEB US	Shaun C. Kelley
	Playa Hotels & Resorts	PLYA	PLYA US	Shaun C. Kelley
	Red Rock Resorts, Inc.	RRR	RRR US	Shaun C. Kelley
	RLJ Lodging Trust	RLJ	RLJ US	Dany Asad
	Sportradar Holding AG	SRAD	SRAD US	Shaun C. Kelley
	Summit Hotel Properties	INN	INN US	Dany Asad
	Sunstone Hotel Investors	SHO	SHO US	Dany Asad
	Travel + Leisure Co	TNL	TNL US	Dany Asad



IQmethod[™] Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) \times (1 - Tax Rate) + Goodwill Amortization	Total Assets — Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
, , , , , , , , , , , , , , , , , , ,	Other LT Liabilities	

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

Menethod 3*is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

Redatabase is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

IQprofile^{≤M}, **IQ**method^{≤M} are service marks of Bank of America Corporation. **IQ**database® is a registered service mark of Bank of America Corporation.



Disclosures

Important Disclosures

Hilton Worldwide (HLT) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Equity Investment Rating Distribution: Leisure - Hotel/Lodging Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	16	61.54%	Buy	12	75.00%
Hold	3	11.54%	Hold	2	66.67%
Sell	7	26.92%	Sell	5	71.43%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

FUNDAMENTAL EQUITY OPINION KEY: Opinions include a Volatility Risk Rating, an Investment Rating and an Income Rating. VOLATILITY RISK RATINGS, indicators of potential price fluctuation, are: A - Low, B - Medium and C - High. INVESTMENT RATINGS reflect the analyst's assessment of both a stock's absolute total return potential as well as its attractiveness for investment relative to other stocks within its Coverage Cluster (defined below). Our investment ratings are: 1 - Buy stocks are expected to have a total return of at least 10% and are the most attractive stocks in the coverage cluster; 2 - Neutral stocks are expected to remain flat or increase in value and are less attractive than Buy rated stocks and 3 - Underperform stocks are the least attractive stocks in a coverage cluster. An investment rating of 6 (No Rating) indicates that a stock is no longer trading on the basis of fundamentals. Analysts assign investment ratings considering, among other things, the 0-12 month total return expectation for a stock and the firm's guidelines for ratings dispersions (shown in the table below). The current price objective for a stock should be referenced to better understand the total return expectation at any given time. The price objective reflects the analyst's view of the potential price appreciation (depreciation).

Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Inderperform	N/A	≥ 20%

R2Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

INCOME RATINGS, indicators of potential cash dividends, are: 7 - same/higher (dividend considered to be secure), 8 - same/lower (dividend not considered to be secure) and 9 - pays no cash dividend. Coverage Cluster is comprised of stocks covered by a single analyst or two or more analysts sharing a common industry, sector, region or other classification(s). A stock's coverage cluster is included in the most recent BofA Global Research report referencing the stock.

Price Charts for the securities referenced in this research report are available on the Price Charts website, or call 1-800-MERRILL to have them mailed.

BofAS or one of its affiliates acts as a market maker for the equity securities recommended in the report: Hilton Worldwide.

The issuer is or was, within the last 12 months, an investment banking client of BofAS and/or one or more of its affiliates: Hilton Worldwide.

BofAS or an affiliate has received compensation from the issuer for non-investment banking services or products within the past 12 months: Hilton Worldwide.

The issuer is or was, within the last 12 months, a non-securities business client of BofAS and/or one or more of its affiliates: Hilton Worldwide.

BofAS or an affiliate has received compensation for investment banking services from this issuer within the past 12 months: Hilton Worldwide.

BofAS together with its affiliates beneficially owns one percent or more of the common stock of this issuer. If this report was issued on or after the 9th day of the month, it reflects the ownership position on the last day of the previous month. Reports issued before the 9th day of a month reflect the ownership position at the end of the second month preceding the date of the report: Hilton Worldwide.

BofAS or one of its affiliates is willing to sell to, or buy from, clients the common equity of the issuer on a principal basis: Hilton Worldwide.



The issuer is or was, within the last 12 months, a securities business client (non-investment banking) of BofAS and/or one or more of its affiliates: Hilton Worldwide.

BofA Global Research personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking. The analyst(s) responsible for this report may also receive compensation based upon, among other factors, the overall profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.

Other Important Disclosures

From time to time research analysts conduct site visits of covered issuers. BofA Global Research policies prohibit research analysts from accepting payment or reimbursement for travel expenses from the issuer for such visits.

Prices are indicative and for information purposes only. Except as otherwise stated in the report, for any recommendation in relation to an equity security, the price referenced is the publicly traded price of the security as of close of business on the day prior to the date of the report or, if the report is published during intraday trading, the price referenced is indicative of the traded price as of the date and time of the report and in relation to a debt security (including equity preferred and CDS), prices are indicative as of the date and time of the report and are from various sources including BofA Securities trading desks.

The date and time of completion of the production of any recommendation in this report shall be the date and time of dissemination of this report as recorded in the report timestamp.

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

Officers of BofAS or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments. Refer to BofA Global Research policies relating to conflicts of interest.

'BofA Securities' includes BofA Securities, Inc. ('BofAS') and its affiliates. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor if they have questions concerning this report or concerning the appropriateness of any investment idea described herein for such investor. 'BofA Securities' is a global brand for BofA Global Research.

Information relating to Non-US affiliates of BofA Securities and Distribution of Affiliate Research Reports:

BofAS and/or Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") may in the future distribute, information of the following non-US affiliates in the US (short name: legal name, regulator): Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd., regulated by The Financial Service Board; MLI (UK): Merrill Lynch International, regulated by the Financial Conduct Authority (FCA) and the Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudential et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers (AMF). BofA Securities Europe SA ("BofASE") with registered address at 51, rue La Boétie, 75008 Paris is registered under no 842 602 690 RCS Paris. In accordance with the provisions of French Code Monétaire et Financier (Monetary and Financial Code), BofASE is an établissement de crédit et d'investissement (credit and investment institution) that is authorised and supervised by the European Central Bank and the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers. BofASE's share capital can be found at www.bofaml.com/BofASEdisclaimer; BofA Europe (Milan): Bank of America Europe Designated Activity Company, Milan Branch, regulated by the Bank of Italy, the European Central Bank (ECB) and the Central Bank of Ireland (CBI); BofA Europe (Frankfurt): Bank of America Europe Designated Activity Company, Frankfurt Branch regulated by BaFin, the ECB and the CBI; BofA Europe (Madrid): Bank of America Europe Designated Activity Company, Sucursal en España, regulated by the Bank of Spain, the ECB and the CBI; Merrill Lynch (Australia): Merrill Lynch (Australia): Merrill Lynch (Hong Kong): Merr (Asia Pacific) Limited, regulated by the Hong Kong Securities and Futures Commission (HKSFC); Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd, regulated by the Monetary Authority of Singapore (MAS); Merrill Lynch (Canada): Merrill Lynch (Canada): Merrill Lynch (Canada): Merrill Lynch (Mexico): Merrill Ly de Bolsa, regulated by the Comisión Nacional Bancaría y de Valores; Merrill Lynch (Argentina): Merrill Lynch Argentina SA, regulated by Comisión Nacional de Valores; BofAS Japan: BofA Securities Japan Co., Ltd., regulated by the Financial Services Agency; Merrill Lynch (Seoul): Merrill Lynch International, LLC Seoul Branch, regulated by the Financial Supervisory Service; Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd., regulated by the Securities and Futures Bureau; BofAS India: BofA Securities India Limited, regulated by the Securities and Exchange Board of India (SEBI); Merrill Lynch (Israel): Merrill Lynch (Israel): Merrill Lynch (Israel): Merrill Lynch (Israel) (Israel): Merrill Lynch (Israel): Merr Financial Services Authority (DFSA); Merrill Lynch (Brazil): Merrill Lynch S.A. Corretora de Títulos e Valores Mobiliários, regulated by Comissão de Valores Mobiliários; Merrill Lynch KSA Company: Merrill Lynch Kingdom of Saudi Arabia Company, regulated by the Capital Market Authority.

This information: has been approved for publication and is distributed in the United Kingdom (UK) to professional clients and eligible counterparties (as each is defined in the rules of the FCA and the PRA) by MLI (UK), which is authorized by the PRA and regulated by the FCA and the PRA - details about the extent of our regulation by the FCA and PRA are available from us on request; has been approved for publication and is distributed in the European Economic Area (EEA) by BofASE (France), which is authorized by the ACPR and regulated by the ACPR and the AMF; has been considered and distributed in Japan by BofAS Japan, a registered securities dealer under the Financial Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Hong Kong by Merrill Lynch (Hong Kong) which is regulated by HKSFC; is issued and distributed in Taiwan by Merrill Lynch (Taiwan); is issued and distributed in India by BofAS India; and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch (Singapore) (Company Registration No 198602883D). Merrill Lynch (Singapore) is regulated by MAS. Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this information in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of Bank of America N.A., Australia Branch, neither MLEA nor any of its affiliates involved in preparing this information is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation. Authority. No approval is required for publication or distribution of this information in Brazil and its local distribution is by Merrill Lynch (Brazil) in accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA. Information in Germany and is regulated by Merrill Lynch (DIFC) is done so in acco

This information has been prepared and issued by BofAS and/or one or more of its non-US affiliates. The author(s) of this information may not be licensed to carry on regulated activities in your jurisdiction and, if not licensed, do not hold themselves out as being able to do so. BofAS and/or MLPF&S is the distributor of this information in the US and accepts full responsibility for information distributed to BofAS and/or MLPF&S clients in the US by its non-US affiliates. Any US person receiving this information and wishing to effect any transaction in any security discussed herein should do so through BofAS and/or MLPF&S and not such foreign affiliates. Hong Kong recipients of this information should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities or any other matters arising from, or in connection with, this information. Singapore recipients of this information should contact Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this information. For clients that are not accredited investors, expert investors or institutional investors Merrill Lynch (Singapore) Pte Ltd accepts full responsibility for the contents of this information distributed to such clients in Singapore.

General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Securities. This document provides general information only, and has been prepared for, and is intended for general distribution to, BofA Securities clients. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This document is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of, and is not directed to, any specific person(s). This document and its content do not constitute, and should not be considered to constitute, investment advice for purposes of ERISA, the US tax code, the Investment Advisers Act or otherwise. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this document and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this document.

Securities and other financial instruments referred to herein, or recommended, offered or sold by BofA Securities, are not insured by the Federal Deposit Insurance Corporation and are not



deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. Digital assets are extremely speculative, volatile and are largely unregulated. In some cases, securities and other financial instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

This report may contain a short-term trading idea or recommendation, which highlights a specific near-term catalyst or event impacting the issuer or the market that is anticipated to have a short-term price impact on the equity securities of the issuer. Short-term trading ideas and recommendations are different from and do not affect a stock's fundamental equity rating, which reflects both a longer term total return expectation and attractiveness for investment relative to other stocks within its Coverage Cluster. Short-term trading ideas and recommendations may be more or less positive than a stock's fundamental equity rating.

BofA Securities is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned herein. Investors in such securities and instruments, including ADRs, effectively assume currency risk.

BofAS or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. BofAS or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Securities, through business units other than BofA Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented herein. Such ideas or recommendations may reflect different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Securities is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this information. In the event that the recipient received this information pursuant to a contract between the recipient and BofAS for the provision of research services for a separate fee, and in connection therewith BofAS may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom BofAS has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by BofAS). If such recipient uses the services of BofAS in connection with the sale or purchase of a security referred to herein, BofAS may act as principal for its own account or as agent for another person. BofAS is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities referred to herein.

BofA ESGMeter Methodology:

ESGMeter is a proprietary metric based on quantitative analysis and fundamental analyst inputs that reflects our assessment of a company's Environmental, Social and Governance-related attributes. The ESGMeter is intended to indicate a company's likelihood of experiencing stronger financial stability (higher return on equity and lower earnings and price volatility) over the next three years relative to peer group. There are three ESGMeter levels - Low, Medium, and High - which indicate whether a company has attributes most likely to translate into superior financial stability (in the case of a High level) or weaker financial stability (in the case of a Low level) over the next three years relative to its peer group. A Medium level suggests that a company exhibits ESG characteristics that are likely associated with financial stability results in line with its peer group over the next three years. Full details of our methodology, financial stability definition and disclaimers are available at BofA ESGMeter methodology. ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of the BofA Global Research fundamental equity analyst's investment rating, volatility risk rating, income rating or price objective for that company.

Copyright and General Information:

Copyright 2024 Bank of America Corporation. All rights reserved. iQdatabase® is a registered service mark of Bank of America Corporation. This information is prepared for the use of BofA Securities clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Securities. BofA Global Research information is distributed simultaneously to internal and client websites and other portals by BofA Securities and is not publicly-available material. Any unauthorized use or disclosure is prohibited. Receipt and review of this information constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Securities. Materials prepared by BofA Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Securities, including investment banking personnel. BofA Securities has established information barriers between BofA Global Research and certain business groups. As a result, BofA Securities does not disclose certain client relationships with, or compensation received from, such issuers. To the extent this material discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this material. BofA Global Research personnel's knowledge of legal proceedings in which any BofA Securities entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving issuers mentioned in this material is based on public inform

This information has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of BofAS any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Securities and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This information may contain links to third-party websites. BofA Securities is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this information and is not incorporated by reference. The inclusion of a link does not imply any endorsement by or any affiliation with BofA Securities. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Securities is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of publication and are subject to change without notice. Prices also are subject to change without notice. BofA Securities is under no obligation to update this information and BofA Securities ability to publish information on the subject issuer(s) in the future is subject to applicable quiet periods. You should therefore assume that BofA Securities will not update any fact, circumstance or opinion contained herein.

Subject to the quiet period applicable under laws of the various jurisdictions in which we distribute research reports and other legal and BofA Securities policy-related restrictions on the publication of research reports, fundamental equity reports are produced on a regular basis as necessary to keep the investment recommendation current.

Certain outstanding reports or investment opinions relating to securities, financial instruments and/or issuers may no longer be current. Always refer to the most recent research report relating to an issuer prior to making an investment decision.

In some cases, an issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with BofAS or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies. Neither BofA Securities nor any officer or employee of BofA Securities accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this information.

