

# Paramount Global

# Finding a new dance partner?

Reiterate Rating: UNDERPERFORM | PO: 9.00 USD | Price: 14.12 USD

# 4QE: Continued advertising headwinds

We anticipate Paramount's 4Q results will reflect a continuation of the choppy trends in the advertising market. Overall, we project 4Q revenue to decline -7% Y/Y to \$\$7.6bn, driven by linear advertising declines of -15% Y/Y partially offset by healthy growth in DTC. Despite initial hopes earlier in 2023 of a 2H recovery in advertising, it does not appear to be materializing and visibility remains limited if it will recover in '24. Meanwhile, 4Q should also be impacted by a weaker Box Office slate and the lingering effect of the various talent strikes on PARA's licensing business. Heading into 2024, PARA should be aided by the Super Bowl and political advertising which we forecast will return their linear advertising business back to positive growth.

## Change in control at NAI?

Recent press reports indicate Shari Redstone is potentially looking to sell her stake in NAI (which serves as a controlling shareholder to PARA) to Skydance. It has long been our view that PARA has an attractive collection of assets that could generate a lot of value in a potential sale. However, it remains unclear how this reported potential transaction could impact PARA shareholders as, if completed, it would be an acquisition of an entity that has a controlling stake vs. an outright acquisition of PARA itself. Change in control could potentially lead to asset sales down the road (thereby creating shareholder value), however, a deal would add additional execution and timing uncertainty.

## Lower CY23/24 estimates

We tweak our 4Q revenue lower to \$7.6bn (from \$7.9bn prev) to reflect continued choppiness in the advertising market, lower DTC subscription revenue, lower Film theatrical revenue as well as lighter licensing revenue due to headwinds from the strikes. However, we maintain our 4Q Adj. OIBDA forecast of \$500mn. We also lower our CY24 revenue to \$30.7bn (from \$31.1bn) but keep our Adj. OIBDA forecast of \$2.65bn unchanged. We lower our 4Q FCF to \$350mn (vs. \$400mn previously).

## Reiterate Underperform and \$9 PO

We reiterate our Underperform rating and \$9 PO on PARA. While we continue to believe PARA retains an attractive collection of assets, secular and cyclical headwinds should remain challenging to fundamentals near term. In addition, it does not appear any significant asset sales that would impact PARA shareholders (notwithstanding an NAI transaction) are on the horizon.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	3.51	1.71	0.50	0.99	1.83
EPS Change (YoY)	-16.4%	-51.3%	-70.8%	98.0%	84.8%
Consensus EPS (Bloomberg)			0.58	1.16	1.41
DPS	1.00	1.00	0.39	0.20	0.20
Valuation (Dec)					
P/E	4.0x	8.3x	28.2x	14.3x	7.7x
Dividend Yield	7.1%	7.1%	2.8%	1.4%	1.4%
EV/EBITDA*	8.2x	11.2x	15.4x	13.8x	11.9x
Free Cash Flow Yield*	5.1%	-5.3%	2.9%	-3.9%	2.1%
* For full definitions of <i>iO</i> method <sup>SM</sup> measures, see page 7.					

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 8 to 10. Analyst Certification on page 6. Price Objective Basis/Risk on page 6.

11 January 2024

Equity

Key Changes		
(US\$)	Previous	Current
2023E Rev (m)	29,958.6	29,598.6
2024E Rev (m)	31,110.1	30,710.1
2025E Rev (m)	31,742.2	31,347.6
2023E EBITDA (m)	2,370.0	2,370.2
2024E EBITDA (m)	2,651.8	2,652.1
2025E EBITDA (m)	3,066.3	3,065.7

Jessica Reif Ehrlich Research Analyst BofAS +1 646 855 2921 jessica.reif@bofa.com

Brent Navon, CFA Research Analyst BofAS +1 646 855 3827 brent.navon@bofa.com

David Plaus Research Analyst BofAS +1 646 855 1572 david.plaus@bofa.com

#### **Stock Data**

Price	14.12 USD
Price Objective	9.00 USD
Date Established	6-Nov-2023
Investment Opinion	C-3-7
52-Week Range	10.51 USD - 25.93 USD
Mrkt Val (mn) / Shares Out	9,354 USD / 662.5
(mn)	
Free Float	79.0%
Average Daily Value (mn)	249.40 USD
BofA Ticker / Exchange	PARA / NAS
Bloomberg / Reuters	PARA US / PARA.OQ
ROE (2023E)	1.4%
Net Dbt to Eqty (Dec-2022A)	54.9%
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".

DTC = Direct-to-consumer

NAI = National Amusements, Inc.

# **iQ**profile <sup>™</sup> Paramount Global

(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Return on Capital Employed	14.6%	5.1%	3.1%	3.7%	4.49
Return on Equity	20.4%	4.9%	1.4%	2.8%	5.19
Operating Margin	22.0%	7.8%	-1.6%	7.1%	8.29
Free Cash Flow	481	(500)	273	(362)	19
i <b>Q</b> method <sup>™</sup> – <b>Quality of Earnings*</b>					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Cash Realization Ratio	0.4x	-0.1x	1.9x	0x	0.5
Asset Replacement Ratio	0.9x	0.9x	0.8x	0.7x	0.7
Tax Rate	12.4%	17.9%	30.8%	25.0%	25.09
Net Debt-to-Equity Ratio	49.8%	54.9%	50.7%	53.7%	53.39
Interest Cover	4.1x	3.1x	2.0x	2.4x	2.9
Income Statement Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Sales	28,586	30,154	29,599	30,710	31,34
% Change	13.1%	5.5%	-1.8%	3.8%	2.19
Gross Profit	28,586	30,154	29,599	30,710	31,34
% Change	13.1%	5.5%	-1.8%	3.8%	2.19
EBITDA	4,444	3,276	2,370	2,652	3,06
% Change	-13.4%	-26.3%	-27.7%	11.9%	15.69
Net Interest & Other Income	(1,091)	(1,076)	(848)	(991)	(799
Net Income (Adjusted)	2,288	1,112	326	645	1,193
% Change	-11.9%	-51.4%	-70.7%	98.1%	84.8%
(US\$ Millions)	2021A				
•		2022A	2023E	<b>2024E</b>	2025
Net Income from Cont Operations (GAAP)	4,647	1,308	(725)	1,006	1,460
Net Income from Cont Operations (GAAP) Depreciation & Amortization	4,647 390	1,308 405	(725) 430	1,006 480	1,460 480
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital	4,647 390 12,155	1,308 405 15,702	(725) 430 430	1,006 480 480	1,460 480 480
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	4,647 390 12,155 NA	1,308 405 15,702 NA	(725) 430 430 NA	1,006 480 480 NA	1,460 480 480 N/
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	4,647 390 12,155 NA (16,357)	1,308 405 15,702 NA (17,557)	(725) 430 430 NA 482	1,006 480 480 NA (1,980)	1,460 480 480 NA (1,870
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure	4,647 390 12,155 NA (16,357) (354)	1,308 405 15,702 NA (17,557) (358)	(725) 430 430 NA 482 (344)	1,006 480 480 NA (1,980) (348)	1,460 480 480 NA (1,870 (351
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow	4,647 390 12,155 NA (16,357) (354) <b>481</b>	1,308 405 15,702 NA (17,557) (358)	(725) 430 430 NA 482 (344) <b>273</b>	1,006 480 480 NA (1,980) (348) - <b>362</b>	1,466 486 487 NA (1,870 (351
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6</b> %	1,308 405 15,702 NA (17,557) (358) -500 NM	(725) 430 430 NA 482 (344) <b>273</b>	1,006 480 480 NA (1,980) (348) -362 NM	1,460 480 480 NA (1,870 (351 <b>199</b>
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	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA	1,308 405 15,702 NA (17,557) (358) -500 NM	(725) 430 430 NA 482 (344) <b>273</b> <b>NM</b>	1,006 480 480 NA (1,980) (348) -362 NM	1,46 48 48 N (1,870 (351 <b>19</b> 9 <b>NN</b>
Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6</b> %	1,308 405 15,702 NA (17,557) (358) -500 NM	(725) 430 430 NA 482 (344) <b>273</b>	1,006 480 480 NA (1,980) (348) -362 NM	1,460 480 480 01,870 (3,51 199 NA 0130
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	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647)	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689)	(725) 430 430 NA 482 (344) <b>273</b> <b>NM</b> NA (254)	1,006 480 480 NA (1,980) (348) - <b>362</b> NM NA (130)	1,46 48 48 N/ (1,870 (351 <b>19</b> 9 N/ (130
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)	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647)	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689)	(725) 430 430 NA 482 (344) <b>273</b> <b>NM</b> NA (254)	1,006 480 480 NA (1,980) (348) - <b>362</b> NM NA (130)	1,466 488 488 NA (1,870 (351 <b>199</b> <b>NN</b> (130
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)	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647) (2,172)	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)	(725) 430 430 NA 482 (344) <b>273</b> <b>NM</b> NA (254) 0	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0	1,46 48 48 N (1,870 (351 199 NN N (130
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)	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647) (2,172)	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)	(725) 430 430 NA 482 (344) <b>273 NM</b> NA (254) 0	1,006 480 480 NA (1,980) (348) -362 NM NA (130)	1,466 488 488 NA (1,870 (351 199 NN (130 (130 (130 (130 (130 (130 (130 (130
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	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647) (2,172)	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002) 2022A 2,885 7,412	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0	1,466 488 488 489 (1,870 (351 199 NN (130 (130 (130 (130 (130 (130 (130 (130
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	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647) (2,172) <b>2021A</b> 6,267 6,984	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0	1,466 488 488 NV (1,870 (351 199 NN (130 (130 (130 (130 (130 (130 (130 (130
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	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647) (2,172) <b>2021A</b> 6,267 6,984 3,425	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002) 2022A 2,885 7,412 3,437	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0 <b>2023E</b> 2,121 7,275 3,388	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0	1,466 488 488 488 1,466 488 1,476 488 1,476 488 1,476
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	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647) (2,172) <b>2021A</b> 6,267 6,984 3,425 1,736	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002) 2022A 2,885 7,412 3,437 1,762	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0 <b>2023E</b> 2,121 7,275 3,388 1,676	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0	1,46 48 48 N (1,870 (351 199 NN N3 (130 2025 1,69 7,70 3,54 1,41 42,89
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	4,647 390 12,155 NA (16,357) (354) <b>481</b> - <b>74.6%</b> NA (647) (2,172) <b>2021A</b> 6,267 6,984 3,425 1,736 40,208	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002) 2022A 2,885 7,412 3,437 1,762 42,897	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0 <b>2023E</b> 2,121 7,275 3,388 1,676 42,897	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0	1,46 48 48 N (1,870 (351 199 NN (130 2025 1,69 7,70 3,54 1,41 42,89 57,25
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	4,647 390 12,155 NA (16,357) (354) 481 -74.6% NA (647) (2,172) 2021A 6,267 6,984 3,425 1,736 40,208 58,620	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)  2022A 2,885 7,412 3,437 1,762 42,897 58,393 239 10,952	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0 <b>2023E</b> 2,121 7,275 3,388 1,676 42,897 <b>57,358</b> 239 10,870	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0 2024E 1,629 7,549 3,486 1,544 42,897 57,104 239 11,034	1,46 48 48 NN (1,870 (351 199 NN (130 2025 1,69 7,70 3,54 1,41 42,89 57,25 23 11,12
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	4,647 390 12,155 NA (16,357) (354) 481 -74.6% NA (647) (2,172) 2021A 6,267 6,984 3,425 1,736 40,208 58,620	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002) 2022A 2,885 7,412 3,437 1,762 42,897 58,393 239	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0 <b>2023E</b> 2,121 7,275 3,388 1,676 42,897 <b>57,358</b> 239	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0 2024E 1,629 7,549 3,486 1,544 42,897 57,104 239	1,46 48 48 NN (1,870 (351 199 NN (130 2025 1,69 7,70 3,54 1,41 42,89 57,25 23 11,12
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	4,647 390 12,155 NA (16,357) (354) 481 -74.6% NA (647) (2,172) 2021A 6,267 6,984 3,425 1,736 40,208 58,620 11 9,468	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)  2022A 2,885 7,412 3,437 1,762 42,897 58,393 239 10,952	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0 <b>2023E</b> 2,121 7,275 3,388 1,676 42,897 <b>57,358</b> 239 10,870	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0 2024E 1,629 7,549 3,486 1,544 42,897 57,104 239 11,034	2025 1,460 480 N/ (1,870 (351 199 NN (130) (130) (141) 42,89 57,257 239 11,120 14,120 7,989
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 Total Liabilities	4,647 390 12,155 NA (16,357) (354) 481 -74.6% NA (647) (2,172) 2021A 6,267 6,984 3,425 1,736 40,208 58,620 11 9,468 17,698 8,473 35,650	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)  2022A 2,885 7,412 3,437 1,762 42,897 58,393 239 10,952 15,607 7,989 34,787	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0 <b>2023E</b> 2,121 7,275 3,388 1,676 42,897 <b>57,358</b> 239 10,870 14,126 7,989 <b>33,224</b>	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0  2024E 1,629 7,549 3,486 1,544 42,897 57,104 239 11,034 14,126 7,989 33,388	1,466 488 488 488 (1,870 (351 199 NM (130) (130) (130) (141 42,89 57,257 239 11,126 14,120 7,989 33,482
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	4,647 390 12,155 NA (16,357) (354) 481 -74.6% NA (647) (2,172) 2021A 6,267 6,984 3,425 1,736 40,208 58,620 11 9,468 17,698 8,473	1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)  2022A 2,885 7,412 3,437 1,762 42,897 58,393 239 10,952 15,607 7,989	(725) 430 430 NA 482 (344) <b>273</b> NM NA (254) 0 <b>2023E</b> 2,121 7,275 3,388 1,676 42,897 <b>57,358</b> 239 10,870 14,126 7,989	1,006 480 480 NA (1,980) (348) -362 NM NA (130) 0  2024E 1,629 7,549 3,486 1,544 42,897 57,104 239 11,034 14,126 7,989	1,466 488 488 488 (1,870 (351) 199 NN (130) (130) (130) (2025 1,69) 7,709 3,542 1,419 42,899 57,257 239 11,120 14,120 7,989

## **Company Sector**

Entertainment

## **Company Description**

Paramount is a leading Media & Entertainment company with a focus on mass-media. Paramount's portfolio of brands include: CBS, Paramount Pictures, Paramount+, Pluto TV, Showtime, MTV, Nickelodeon, Paramount Network, Comedy Central, BET, VH1, TV Land, and many international broadcast networks.

#### **Investment Rationale**

Our view is the longer it takes to execute potential asset sales, the less value PARA could ultimately garner. This, coupled with the challenging macro backdrop, persistent secular headwinds, negative FCF continuing into CY24 and PARA's elevated leverage levels (nearly 5x our CY24E) create an unfavorable medium-term outlook.

#### **Stock Data**

Average Daily Volume 18,138,958

## **Quarterly Earnings Estimates**

	2022	2023
Q1	0.60A	0.09A
Q2	0.64A	0.10A
Q3	0.39A	0.30A
Q4	0.08A	0.01E

\* For full definitions of  $\emph{\textbf{IQ}}$  method  $^{\text{SM}}$  measures, see page 7.

**Exhibit 1: PARA – Variance Table**We lower 4QE revenue to \$7.59bn but maintain 4QE Adj. OIBDA of \$500mn

		C	urrent Q	uarter					Current '	Year		
	Act.	New	-	Old	-		Act.	New	-	Old		
Fiscal Year Ends 12/31	Q4/22A	Q4/23E	Y/Y	Q4/23E	Y/Y	D	2022A	2023E	Y/Y	2023E	Y/Y	D
PARA Actuals & BofA Estimates												
TV 84												
TV Media	¢2.002	ć2.200	150/	<b>ຕາ</b> ກາກ	120/	/¢ = 4\	לח זרח	Ć0 10F	120/	¢0.220	120/	/¢ E 4
Advertising	\$2,682	\$2,280	-15% 20/-	\$2,333	-13%	(\$54)	\$9,350	\$8,185	-12%	\$8,238	-12%	(\$54
Affiliate and subscription Licensing and other	\$2,024 \$1,177	\$1,963 \$930	-3% -21%	\$1,963 \$977	-3% -17%	(\$47)	\$8,180 \$4,202	\$8,045 \$3,860	-2% -8%	\$8,045 \$3,907	-2% -7%	(\$47
Total TV Media Revenues	\$5,883	\$ <b>5,173</b>	-21% - <b>12%</b>	\$ <b>5,274</b>	-10%	(\$101)	\$21,732	\$20,090	-8%	\$20,191	-7%	(\$47 <b>(\$101</b>
Direct to Consumer												
Advertising	\$460	\$508	11%	\$508	11%	_	\$1,533	\$1,777	16%	\$1,777	16%	
Subscription & Licensing	\$936	\$1.276	36%	\$1,411	51%	(\$135)	\$3,371	\$4,874	45%	\$5.009	49%	(\$135
Total Direct to Consumer	\$1,396	\$1,784	<b>28%</b>	\$1,919	<b>37%</b>	(\$135)	\$4,904	\$6,651	<b>36%</b>	\$6,786	38%	(\$135
Filmed Entertainment												
Advertising	\$6	\$6	5%	\$6	5%	_	\$23	\$27	19%	\$27	19%	-
Theatrical	\$97	\$126	30%	\$159	64%	(\$33)	\$1,223	\$861	-30%	\$894	-27%	(\$33
Licensing and other	\$833	\$583	-30%	\$675	-19%	(\$92)	\$2,460	\$2,137	-13%	\$2,229	-9%	(\$92
Total Filmed Entertainment Revenues	\$936	\$716	- <b>24</b> %	\$840	-10%	(\$125)	\$3,706	\$3,026	-18%	\$3,150	-15%	(\$125
Eliminations	(\$84)	(\$88)	5%	(\$88)	5%	_	(\$188)	(\$168)	-11%	(\$168)	-11%	
Total PF Revenue	\$8,131	\$7,585	- <b>7</b> %	\$7,945	-2%	(\$360)	\$30,154	\$29,599	-2%	\$29,959	-1%	(\$360
Total PF Operating Expenses	\$7,517	\$7,084	- <b>6</b> %	\$7,445	-1%	(\$360)	\$26,878	\$27,228	1%	\$27,589	3%	(\$360)
Adj. OIBDA by Segment												
TV Media	\$1,296	\$1,168	-10%	\$1,168	-10%	\$1	\$5,451	\$4,817	-12%	\$4,817	-12%	\$
Direct to Consumer	(\$575)	(\$550)	-4%	(\$550)	-4%	(\$0)	(\$1,819)	(\$1,723)	-5%	(\$1,723)	-5%	(\$0
Filmed Entertainment	\$87	\$55	NM	\$55	NM	(\$0)	\$272	(\$88)	-133%	(\$88)	-132%	(\$0
Corp./Elims	(\$150)	(\$125)	-17%	(\$125)	-17%	-	(\$470)	(\$461)	-2%	(\$461)	-2%	
Stock Based Comp.	(\$44)	(\$48)	9%	(\$48)	9%	_	(\$158)	(\$175)	11%	(\$175)	11%	
<b>Total Adj. OIBDA</b> Margin	<b>\$614</b> 7.6%	<b>\$500</b> 6.6%	<b>-19%</b> -13%	<b>\$500</b> 6.3%	<b>-19%</b> -17%	<b>\$0</b> 0%	<b>\$3,276</b> 11%	<b>\$2,370</b> 8%	<b>-28%</b> -26%	<b>\$2,370</b> 8%	<b>-28%</b> -27%	<b>\$(</b>
2	(+)			(+)								
Fotal D&A	(\$123)	(\$120)	-2%	(\$120)	-2%	_	(\$405)	(\$430)	6%	(\$430)	6%	-
Operating Income (Loss)	\$182	\$380	109%	\$380	109%	\$0	\$2,342	(\$475)	-120%	(\$475)	-120%	\$(
Margin	2%	5%	124%	5%	114%	0%	8%	-2%	-121%	-2%	-120%	0%
Adj. Net Income	\$69	\$5	-93%	\$5	-93%	<b>\$0</b>	\$1,171	\$364	-69%	\$364	-69%	\$(
Diluted Shares Outstanding	651	652	0%	652	0%	0	<u>651</u>	652	0%	652	0%	ĊO O
Diluted EPS	\$0.08	\$0.01	-91%	\$0.01	-91%	\$0.00	\$1.71	\$0.50	-71%	\$0.50	-71%	\$0.00
Free Cash Flow	(\$369)	\$350	-195%	\$400	-209%	(\$51)	(\$211)	\$273	-229%	\$323	-253%	(\$51
Streaming Breakdown						<b>.</b>						
Paramount Plus Ending Subs	55.9	67.4	21%	67.4	21%	0.0	55.9	67.4	21%	67.4	21%	0.0
Paramount Plus Revenue	\$802	\$1,246	55%	\$1,246	55%	0.0	\$2,767	\$4,339	57%	\$4,339	57%	0.0

Source: BofA Global Research estimates

BofA GLOBAL RESEARCH



### Exhibit 2: PARA - Income Statement

We maintain CY23EAdj. OIBDA of \$2.37bn

2022 2023 Fiscal Year Ends 12/31 2020A 2021A 01A 02A Q3A Q4A 2022A 01A Q2A 03A Q4E 2023E 2024E 2025E PARA: Income Statement 2020.0 2021 2022.1 20222 20223 2022.4 2022 2023.1 2023.2 2023.3 2023.4 2023 2024 2025 TV Media \$21,120 \$22,734 \$5,645 \$5,256 \$4,948 \$5,883 \$21,732 \$5,193 \$5,157 \$4,567 \$5,173 \$20.090 \$20,028 \$19,649 Direct-to-Consumer \$1,815 \$3,327 \$1,089 \$1,193 \$1,226 \$1,396 \$4,904 \$1,510 \$1,665 \$1,692 \$1,784 \$6,651 \$7,960 \$8,960 \$716 \$2.470 \$624 \$3,706 \$831 \$3,026 \$2917 Filmed Entertainment \$2.687 \$1363 \$783 \$936 \$588 \$891 \$2.895 Eliminations (\$188) (\$178) (\$120) (\$162) (\$30) (\$33)(\$41) (\$84) (\$26)(\$17) (\$88) (\$168) (\$173 Total Revenues \$25.285 \$28,586 \$7.328 \$7.779 \$6.916 \$8,131 \$30,154 \$7.265 \$7,616 \$7.133 \$7,585 \$29,599 \$30.710 \$31.348 YoY % Change 13% -1% 19% 5% 2% 5% -1% -2% 3% -7% -2% 4% 2% **Total Operating Expenses** \$20,153 \$24,142 \$6,415 \$6.816 \$6,130 \$7.517 \$26,878 \$6,717 \$7.010 \$6,417 \$7.084 \$27,228 \$28.058 \$28,282 YoY % Change 11% 28% 10% 11% 5% 5% TV Media \$5,816 \$5,892 \$1,544 \$1,380 \$1,231 \$1,296 \$5,451 \$1,306 \$1.194 \$1,149 \$1,168 \$4,817 \$4,555 \$4,188 Direct-to-Consumer (\$171) (\$992) (\$456) (\$445) (\$343) (\$575) (\$1,819) (\$511) (\$424) (\$238) (\$1,723) (\$1,273) (\$462) (\$550) Filmed Entertainment \$158 \$207 (\$37) \$181 \$41 \$87 \$272 (\$99) \$5 (\$49) \$55 (\$88) \$92 \$81 (\$485) (\$491) (\$104) (\$562) Corp./Elims (\$104) (\$112) (\$150) (\$470) (\$109) (\$124) (\$103) (\$125) (\$461) (\$544) Stock Based Comp (\$186) (\$172) (\$178) (\$179) (\$34) (\$41)(\$39)(\$44)(\$158) (\$39)(\$45) (\$43) (\$48) (\$175) Total Adj. OIBDA \$5,132 \$4,444 \$913 \$963 \$786 \$614 \$3,276 \$548 \$606 \$716 \$500 \$2,370 \$2,652 \$3,066 % Margin 20.3% 15.5% 12.5% 12.4% 11.4% 7.6% 10.9% 7.5% 8.0% 10.0% 6.6% 8.0% 8.6% 9.8% YoY % Change -44% -22% -23% 10% -26% -40% -37% -9% -19% -28% 12% 16% (\$430) (\$390) (\$94) (\$123) (\$405) (\$105) (\$120) (\$430) Depreciation & Amort. (\$96)(\$92) (\$100) (\$105)(\$480) (\$480)Restructuring (\$618) (\$100) (\$57) (\$50) (\$169) (\$309) (\$585) (\$54) \$10 (\$44) (\$697) (\$2,371) Programming (\$159) (\$1.674) Gain on Sale of Assets \$214 \$2,343 \$15 \$41 \$56 \$182 Operating Income (Loss) \$4,139 \$6,297 \$775 \$819 \$566 \$2,342 (\$1,226) (\$250) \$621 \$380 (\$475) \$2,172 \$2,586 % Margin 16% 22% 11% 11% 8% 2% 8% -17% -3% 90% 5% -2% 7% 8% YoY % Change -49% -33% -36% -93% -258% -131% 10% 109% -557% 19% 52% -63% -120% Interest Expense (\$1,031) (\$986) (\$240) (\$230) (\$231) (\$230) (\$931) (\$226) (\$240) (\$232) (\$254) (\$952) (\$904) (\$904) Interest Income \$60 \$53 \$21 \$19 \$33 \$35 \$108 \$35 \$33 \$29 \$37 \$134 \$105 \$105 Gain on Marketable Securities \$32 \$168 \$168 (\$159) (\$128) (\$47) (\$120) Gain on Ext. of Debt (\$73) Other Items \$133 (\$62)(\$13) (\$42) (\$45) (\$33) (\$133) (\$46) (\$60) (\$42) (\$50) (\$198) (\$192) Earnings from Cont. Operations \$3,142 \$5,206 \$470 \$519 \$323 (\$46) \$1,266 (\$1,463) (\$349) \$376 \$113 (\$1,323) \$1,181 \$1,787 (\$560) (\$646) (\$34) (\$129) (\$101) \$37 (\$227) \$381 \$95 (\$40) (\$28) \$408 (\$295) (\$447) Taxes Tax Rate 18% 12% 7% 25% 31% 80% 18% 26% 27% 11% 25% 31% 25% 25% Equity in loss of Investees (\$28) (\$91) (\$37)(\$29) (\$58)(\$80) (\$204) (\$75) (\$109) (\$75) (\$110) (\$369) (\$360) (\$268) \$4,469 \$399 \$164 (\$1,157) Net Earnings from Cont. Ops \$2554 \$361 (\$89) \$835 (\$363) \$261 (\$25) (\$1,284) \$526 \$1.072 Non Controlling Interests/Discontinued Ops (\$238) \$34 \$58 \$110 \$269 \$48 \$120 \$87 \$67 \$39 \$73 \$30 \$190 \$120 Net Earnings Attributable to VIAC \$2,316 \$4,556 \$433 \$419 \$231 \$21 \$309 \$1.104 (\$1.118) (\$290) (\$1.094) \$646 \$1.192 Ś5 Impact of Adj. on Net Earnings/Preferred Dividends \$279 (\$2,264) (\$30) \$10 \$39 \$48 \$67 \$1,190 \$370 (\$102) \$1,458 \$1,171 \$403 \$429 \$270 \$5 \$646 \$1,192 Adj. Net Income \$2,595 \$2,292 \$69 \$72 \$80 \$207 \$364 Diluted Shares Outstanding 618 652 651 650 650 651 651 652 651 652 652 652 652 652 Adj. EPS \$4.20 \$3.51 \$0.60 \$0.64 \$0.39 \$0.08 \$1.71 \$0.09 \$0.10 \$0.30 \$0.01 \$0.50 \$0.99 \$1.83 YoY % Change -16% -61% -34% -49% -69% -51% -85% -84% -23% -91% -71% 85%

Source: BofA Global Research estimates

RofA GLORAL RESEARCH



### Exhibit 3: PARA – FCF Statement

We lower 4QE FCF to \$350mn

2022 2023 Fiscal Year Ends 12/31 2020A 2021A Q1A Q2A Q3A Q4A 2022A Q1A Q2A Q3A Q4E 2023E 2024E 2025E PARA: Free Cash Flow 2022.3 2022.4 2023.3 2022.1 2022.2 2023.1 2023.2 2023.4 2020.0 FCF Derivation Adj. OIBDA \$5,132 \$4,444 \$913 \$963 \$786 \$614 \$3,276 \$548 \$606 \$716 \$500 \$2,370 \$2,652 \$3,066 \$933 \$275 \$174 \$247 \$799 - Cash Interest \$971 \$292 \$182 \$281 \$165 \$920 \$217 \$913 \$799 - Cash Taxes \$560 \$646 \$50 \$39 (\$47) \$115 \$157 (\$6) \$76 (\$68) \$28 \$30 \$295 \$447 - Change In Working Capital and Other \$497 \$0 \$2,030 \$276 \$562 \$808 \$695 \$2,341 \$762 \$87 (\$226) \$1,120 \$1,572 \$1,270 \$3,601 \$295 \$180 (\$361) (\$142) (\$483) (\$141) \$450 \$307 = Operating Cash Flow \$835 (\$256) \$481 (\$14) \$550 - Discontinued Operations - Capex \$354 \$52 \$99 \$77 \$130 \$358 \$71 \$69 \$73 \$131 \$344 \$348 \$351 = Free Cash Flow (FCF) \$243 (\$500) (\$554) (\$210) (\$37) \$199 \$481 \$81 (\$333) (\$491) \$377 \$350 (\$362) \$60 \$69 + Cash Restructuring/Merger Costs \$362 \$61 \$46 \$122 \$289 \$78 \$163 \$310 \$3,601 \$843 \$304 (\$485) (\$132) \$350 (\$362) \$199 = Adj. Free Cash Flow (FCF) \$141 (\$287) (\$369) (\$211) \$540 \$273 % Chg. (YOY) -77% -82% 88% 53% -51% -125% -260% -194% -288% -195% -229% NM -155% / Diluted Shares Outstanding 652 650 650 652 652 651 651 651 652 652 652 \$5.83 \$1.29 \$0.30 = FCF/Share \$0.47 \$0.22 (\$0.44) (\$0.57) (\$0.32) (\$0.74) (\$0.20) \$0.83 \$0.54 \$0.42 (\$0.56) Leverage Statistics Gross Debt \$17,711 \$16812 \$15.810 \$15.834 \$15.846 \$15.846 \$15.853 \$15,800 \$15665 \$14365 \$14,365 \$14365 \$14,365 - Cash And Cash Equivalents \$6,206 \$5,302 \$4,037 \$3,383 \$2,885 \$2,885 \$2,109 \$1,714 \$1,804 \$2,121 \$2,121 \$1,629 \$1,697 = Net Debt \$11,505 \$11,510 \$11,773 \$12,451 \$12,961 \$12,961 \$13,744 \$14,086 \$13,861 \$12,244 \$12,244 \$12,736 \$12,668 LTM Adj. OIBDA \$5,132 \$4,444 \$3,730 \$3,453 \$3,219 \$3,276 \$3,276 \$2,911 \$2,554 \$2,484 \$2,370 \$2,370 \$2,652 \$3,066 Gross Deht-OIRDA O Ox 4 0x 4 5x 4 6x 4 9x 4.8x 4 8x 5 4x 6.2x 6 3x 6 1x 61x 5 4x 4.7x Net Debt:OIBDA 0.0x 2.6x 3.1x 3.4x 3.9x 4.0x 4.0x 4.7x 5.5x 5.6x 5.2x 5.2x 4.8x 4.1x

Source: BofA Global Research estimates

BofA GLOBAL RESEARCH



# Price objective basis & risk

## Paramount Global (PARA)

Our \$9 PO is based on approximately 7x our CY24E OIBDA, which represents a modest premium to the current trading levels of both WBD/FOX and a discount to DIS.

Upside risks to our price objective are potential asset sales, better than anticipated earnings growth, and lower rates.

Downside risks to our price objective are failure to consummate a transaction, weakness in the advertising market, poor execution, accelerated declines in the legacy business and the shift of advertising dollars to digital media.

Notably, PARA has Mandatory Convertible Preferred Stock with an aggregate value of \$1bn converting on April 1, 2024. The conversion of these preferred shares would be anti-dilutive as of Dec '22. However, if this changes and PARA decides to purchase these preferred shares prior to dilution, it would further pressure their balance sheet especially when paired with a lack of free cash flow.

# **Analyst Certification**

I, Jessica Reif Ehrlich, 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 - Cable, Entertainment and Satellite Coverage Cluster

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
BUY				
	Comcast Corp	CMCSA	CMCSA US	Jessica Reif Ehrlich
	Endeavor Group Holdings, Inc.	EDR	EDR US	Jessica Reif Ehrlich
	Madison Square Garden Entertainment	MSGE	MSGE US	Peter Henderson
	Netflix, Inc.	NFLX	NFLX US	Jessica Reif Ehrlich
	Spotify Technology	SPOT	SPOT US	Jessica Reif Ehrlich
	Walt Disney Co.	DIS	DIS US	Jessica Reif Ehrlich
	Warner Bros. Discovery	WBD	WBD US	Jessica Reif Ehrlich
NEUTRAL				
	Charter Communications	CHTR	CHTR US	Jessica Reif Ehrlich
	Fox Corporation	FOXA	FOXA US	Jessica Reif Ehrlich
	Fox Corporation	FOX	FOX US	Jessica Reif Ehrlich
	Warner Music Group Corporation	WMG	WMG US	Jessica Reif Ehrlich
UNDERPERFORM				
	Altice USA, Inc.	ATUS	ATUS US	Jessica Reif Ehrlich
	iHeartMedia, Inc.	IHRT	IHRT US	Jessica Reif Ehrlich
	Paramount Global	PARA	PARA US	Jessica Reif Ehrlich
RSTR				
	Liberty SiriusXM Group	LSXMA	LSXMA US	Jessica Reif Ehrlich
	Liberty SiriusXM Group	LSXMK	LSXMK US	Jessica Reif Ehrlich
	Sirius XM Holdings Inc	SIRI	SIRI US	Jessica Reif Ehrlich



# **Q**method <sup>34</sup> 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

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization Manthod Mis 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.

\*/Qdatabase\*\* is our real-timeglobal 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.

I/Qprofile<sup>SM</sup>, I/Qmethod <sup>SM</sup> are service marks of Bank of America Corporation. I/Qdatabase ® is a registered service mark of Bank of America Corporation.

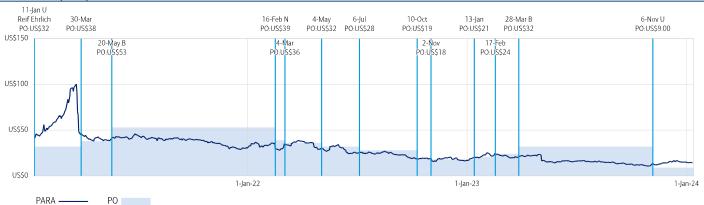
Other LT Liabilities



# **Disclosures**

# **Important Disclosures**

#### Paramount Global (PARA) 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: Media & Entertainment Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	35	53.85%	Buy	15	42.86%
Hold	15	23.08%	Hold	8	53.33%
Sell	15	23.08%	Sell	7	46 67%

#### 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%

RI Issuers that were investment banking dients 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 <sup>R2</sup>
Buy	≥ 10%	≤ 70%
Mautual	> O0/₂	< 200/-

 $<sup>^{</sup>R2} Ratings\ dispersions\ may\ vary\ from\ time\ to\ time\ where\ BofA\ Global\ Research\ believes\ it\ better\ reflects\ the\ investment\ prospects\ of\ stocks\ in\ a\ Coverage\ Cluster.$ 

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.

N/A

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

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

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

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: Paramount Global.

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

BofAS or an affiliate expects to receive or intends to seek compensation for investment banking services from this issuer or an affiliate of the issuer within the next three months: Paramount Global.

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: Paramount Global.

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: Paramount Global.



Underperform

≥ 20%

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): Merrill (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 (International (DIFC Branch), regulated by the Dubai 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 Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Instruments and Exchange Act in Japan, or its permitted (Instruments). Instruments and Exchange Act in Japan, or its permitted (Instruments) and its Instruments and Exchange Act in Japan, or its permitted (Instruments). Instruments and Exchange Act in Japan Act Instruments and Exchange Act in Japan Act Instruments and Exchange Act In

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

