

Paramount Global

Solid 4Q but big questions still remain

Reiterate Rating: UNDERPERFORM | PO: 9.00 USD | Price: 11.06 USD

4Q review: earnings trough in '23 with growth in '24

Paramount Global's (PARA's) 4Q23 results highlighted the combination of a challenging macro environment, continued secular headwinds along with outperformance in DTC revenue and losses. All-in, total revenue decreased -6% Y/Y (vs -7% estimate) to \$7,638mn (vs \$7,585mn estimate) and adj OIBDA declined 15% Y/Y (vs -19% estimate) to \$520mn (vs \$500mn estimate). Encouragingly, it appears: 1) advertising trends have stabilized, 2) FCF should be positive in '24 (even with production restarted post the two strikes), 3) there will be significant earnings growth in '24 (driven by improvement in DTC losses and cost saving initiatives), 4) global streaming ARPU growth is expected to grow 20%+ and 5) domestic streaming will be profitable in '25. Conversely, the challenging trends in the linear subscriber ecosystem are expected to persist in CY24 which should drive declines in the TV media segment. Notably, PARA also announced a \$1bn charge comprised of \$200mn in restructuring and \$800mn in programming.

Benefit for ALL shareholders

In recent weeks, PARA has been subject of media reports regarding a potential sale—either for the controlling stake of National Amusements, Inc (and thereby a controlling stake in PARA), the entire company itself or specific assets. As <u>discussed in our prior note</u>, depending on the structure/timing of a potential deal, we believe the benefit to PARA shareholders is less clear. While no specifics on potential partners or timing was provided, PARA management definitively stated they are "looking for ways to create shareholder value. And to be clear, that's for all shareholders".

Modestly increase our '24 OIBDA forecast

We lower our CY24E rev estimate to \$30.3bn (vs \$30.7bn previously) and raise our adj OIBDA to \$2.77bn (vs \$2.65bn previously) driven by the 4Q results, cost cutting and the improving trajectory in DTC profitability. We raise our CY24E FCF forecast to \$100mn (vs -\$362mn previously) reflecting management's 2024 FCF outlook. For 1Q24, we estimate rev. growth of 6% to \$7,686mn (vs \$7,909mn previously), adj OIBDA of \$677mn (vs \$642mn previously) driven by the Super Bowl and continued growth in DTC subscription revenue.

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.

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	1.71	0.53	1.24	1.83	1.89
EPS Change (YoY)	-51.3%	-69.0%	134.0%	47.6%	3.3%
Consensus EPS (Bloomberg)			1.10	1.24	1.72
DPS	1.00	0.39	0.20	0.20	0.20
Valuation (Dec)					
P/E	6.5x	20.9x	8.9x	6.0x	5.9x
Dividend Yield	9.0%	3.5%	1.8%	1.8%	1.8%
EV / EBITDA*	10.2x	14.0x	12.0x	10.7x	10.4x
Free Cash Flow Yield*	-6.8%	0.8%	1.4%	4.6%	5.5%
* For full definitions of <i>IQ</i> method SM 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.

29 February 2024

Equity

Key Changes		
(US\$)	Previous	Current
2024E Rev (m)	30,710.1	30,310.8
2025E Rev (m)	31,347.6	30,951.3
2026E Rev (m)	NA	31,408.6
2024E EPS	0.99	1.24
2026E EPS	NA	1.89
2024E EBITDA (m)	2,652.1	2,769.9
2025E EBITDA (m)	3,065.7	3,109.3
2026E EBITDA (m)	NA	3,201.7

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	11.06 USD
Price Objective	9.00 USD
Date Established	6-Nov-2023
Investment Opinion	C-3-7
52-Week Range	10.51 USD - 24.00 USD
Mrkt Val (mn) / Shares Out	7,327 USD / 662.5
(mn)	
Free Float	84.0%
Average Daily Value (mn)	193.54 USD
BofA Ticker / Exchange	PARA / NAS
Bloomberg / Reuters	PARA US / PARA.OQ
ROE (2024E)	3.6%
Net Dbt to Eqty (Dec-2023A)	52.7%
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".

iQprofile[™] Paramount Global

iQmethod [™] – Bus Performance*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Return on Capital Employed	5.1%	3.3%	4.5%	5.1%	5.9%
Return on Equity	4.9%	1.5%	3.6%	5.3%	5.4%
Operating Margin	7.8%	-1.5%	4.5%	8.7%	100.0%
Free Cash Flow	(500)	56	100	334	404
iQmethod SM – Quality of Earnings*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Cash Realization Ratio	-0.1x	1.1x	0.5x	0.6x	0.6
Asset Replacement Ratio	0.9x	0.8x	0.8x	0.8x	0.8
Tax Rate	17.9%	28.8%	21.0%	21.0%	1.4%
Net Debt-to-Equity Ratio	54.9%	52.7%	52.8%	51.3%	49.5%
Interest Cover	3.1x	2.1x	2.6x	3.0x	3.1:
Income Statement Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Sales	30,154	29,652	30,311	30,951	31,409
% Change	5.5%	-1.7%	2.2%	2.1%	1.5%
Gross Profit	30,154	29,652	30,311	30,951	N/
% Change	5.5%	-1.7%	2.2%	2.1%	N/
EBITDA	3,276	2,390	2,770	3,109	3,202
% Change	-26.3%	-27.0%	15.9%	12.3%	3.0%
Net Interest & Other Income	(1,076)	(802)	(959)	(767)	(767
Net Income (Adjusted)	1,112	345	808	1,193	1,232
% Change	F4 40/	-68.9%	124 10/	47.6%	3.3%
·	-51.4%	-00.5%	134.1%	47.0%	3.3 /0
Free Cash Flow Data (Dec) (US\$ Millions)	2022A	2023A	2024E	2025E	2026
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP)	2022A 1,308	2023A (248)	2024E 429	2025E 1,639	2026 30,338
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization	2022A 1,308 405	2023A (248) 418	2024E 429 420	2025E 1,639 420	2026 30,338 420
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital	2022A 1,308 405 15,702	2023A (248) 418 17,278	2024E 429 420 420	2025E 1,639 420 420	2026 30,338 420
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	2022A 1,308 405 15,702 NA	2023A (248) 418 17,278 NA	2024E 429 420 420 NA	2025E 1,639 420 420 NA	2026 30,338 420 420
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	2022A 1,308 405 15,702 NA (17,557)	2023A (248) 418 17,278 NA (17,064)	2024E 429 420 420 NA (838)	2025E 1,639 420 420 NA (1,810)	2026 30,338 420 420 NA (30,437
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure	2022A 1,308 405 15,702 NA (17,557) (358)	2023A (248) 418 17,278 NA (17,064) (328)	2024E 429 420 420 NA (838) (331)	2025E 1,639 420 420 NA (1,810) (335)	2026 30,338 420 420 NA (30,437 (338
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow	2022A 1,308 405 15,702 NA (17,557) (358) -500	2023A (248) 418 17,278 NA (17,064) (328) 56	2024E 429 420 420 NA (838) (331) 100	2025E 1,639 420 420 NA (1,810) (335) 334	2026 30,338 420 420 NA (30,437 (338 404
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM	2023A (248) 418 17,278 NA (17,064) (328) 56 NM	2024E 429 420 420 NA (838) (331) 100 77.7%	2025E 1,639 420 420 NA (1,810) (335) 334 235.6%	2026 30,338 420 420 NA (30,437 (338 404 20.8%
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM NA	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA	2024E 429 420 420 NA (838) (331) 100 77.7% NA	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA	2026 30,338 420 420 N/ (30,437 (338 404 20.8%
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM	2023A (248) 418 17,278 NA (17,064) (328) 56 NM	2024E 429 420 420 NA (838) (331) 100 77.7%	2025E 1,639 420 420 NA (1,810) (335) 334 235.6%	
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM NA (689)	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447)	2024E 429 420 420 NA (838) (331) 100 77.7% NA (130)	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130)	2026 30,338 420 420 N/ (30,437 (338 404 20.8% N/
Free Cash Flow Data (Dec) (US\$ Millions) 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)	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232)	2024E 429 420 420 NA (838) (331) 100 77.7% NA (130) 0	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0	2026 30,338 420 420 NA (30,437 (338 404 20.8% NA (130
Free Cash Flow Data (Dec) (US\$ Millions) 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)	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232)	2024E 429 420 420 NA (838) (331) 100 77.7% NA (130) 0	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0	2026 30,338 420 420 NA (30,437 (338 404 20.8% NA (130)
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002)	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232)	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0	2026 30,338 420 420 NA (30,437 (338 404 20.8% NA (130)
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002) 2022A 2,885 7,412	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427	2026 30,338 420 8420 8420 (30,437 (338 404 20.8% N/ (130 (130 (130 (2026 2,906 7,536
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002) 2022A 2,885 7,412 3,437	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263	2026 30,331 420 N/ (30,437 (338 404 20.8% N/ (130 (130 (2,900 7,530 3,31
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 1,308 405 15,702 NA (17,557) (358) -500 NM NA (689) (2,002) 2022A 2,885 7,412 3,437 1,762	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128 1,666	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197 1,577	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263 1,492	2026 30,331 420 N/ (30,437 (338 404 20.8% N/ (130 (2026 2,900 7,530 3,31 1,410
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 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	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128 1,666 39,174	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197 1,577 39,174	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263 1,492 39,174	2026 30,338 420 842 (30,437 (338 404 20.8% N/ (130 (2026 2,906 7,536 3,31 1,410 39,174
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 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	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128 1,666 39,174 53,543	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197 1,577 39,174 53,650	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263 1,492 39,174 53,989	2026 30,331 420 N/ (30,437 (338 404 20.8% N/ (130 (2026 2,900 7,530 3,31 1,410 39,17- 54,33
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 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	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128 1,666 39,174 53,543 1	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197 1,577 39,174 53,650 1	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263 1,492 39,174 53,989	2026 30,331 420 N/ (30,437 (338 40/ 20.89 N/ (130 (2026 2,900 7,530 3,31 1,410 39,17 54,33
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 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	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128 1,666 39,174 53,543 1 9,655	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197 1,577 39,174 53,650 1 9,743	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263 1,492 39,174 53,989 1 9,828	2026 30,338 420 420 NA (30,437 (3388 400 20.8% NA (1300 (2026 2,900 7,536 3,311 1,410 39,174 54,337
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 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	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128 1,666 39,174 53,543 1 9,655 14,601	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197 1,577 39,174 53,650 1 9,743 14,601	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263 1,492 39,174 53,989 1 9,828 14,601	2026 30,338 420 420 N/ (30,437 (338 400 20.8% N/ (130 (2026 2,900 7,536 3,311 1,410 39,174 54,337
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 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	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128 1,666 39,174 53,543 1 9,655 14,601 6,236	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197 1,577 39,174 53,650 1 9,743 14,601 6,236	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263 1,492 39,174 53,989 1 9,828 14,601 6,236	2026 30,338 420 420 N/ (30,437 (338 400 20.8% N/ (130 (2026 2,906 7,536 3,31* 1,410 39,17/ 54,337 9,889 14,60° 6,236
Free Cash Flow Data (Dec) (US\$ Millions) 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	2022A 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	2023A (248) 418 17,278 NA (17,064) (328) 56 NM NA (447) (1,232) 2023A 2,460 7,115 3,128 1,666 39,174 53,543 1 9,655 14,601	2024E 429 420 NA (838) (331) 100 77.7% NA (130) 0 2024E 2,429 7,273 3,197 1,577 39,174 53,650 1 9,743 14,601	2025E 1,639 420 420 NA (1,810) (335) 334 235.6% NA (130) 0 2025E 2,633 7,427 3,263 1,492 39,174 53,989 1 9,828 14,601	2026 30,338 420 420 N/ (30,437 (338 404 20.8% N/

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, and PARA's elevated leverage levels create an unfavorable medium-term outlook.

Stock Data

Average Daily Volume

17,499,424

Quarterly Earnings Estimates

	2023	2024
Q1	0.09A	0.31E
Q2	0.10A	0.26E
Q3	0.30A	0.48E
Q4	0.04A	0.19E

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

Exhibit 1: PARA—Variance TableWe now forecast \$30.3bn for CY24E revenue

Affiliate and subscription Licensing and other Charling and other S1,177 S882 -25% S930 -27% (S48) S3,812 S3,837 19% S3,783 -29% S5,883 S5,168 -12% S5,173 -12% (S5) S20,085 S19,518 -3% S20,028 09 Direct to Consumer Advertising S460 S526 14% S508 17% S18 S1,765 S2,031 13% S1,956 10% Subscription & Licensing S936 S1,343 43% S1,784 28% S85 S6,736 S8,025 19% S5,000 23% Total Direct to Consumer Advertising S936 S1,869 34% S1,784 28% S85 S6,736 S8,025 19% S5,000 23% Total Direct to Consumer Advertising S6 S3 -50% S6 5% (S3) S24 S24 29% S2,089 34% S1,784 28% S85 S6,736 S8,025 19% S6,000 23% Theatrical S937 S78 -20% S126 30% (S48) S813 S748 -8% S633 -3% Licensing and other S833 S566 35% S806 S8,025 19% S2,028 -5% Total Pire Revenue S8,131 S7,638 -6% S7,585 -7% (S58) S2,957 \$2,897 -2% \$2,089 -49% Eliminations (S84) (S46) -45% (S88) 5% S42 (S126) (S130) 3% (S173) 33% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 -7% S533 S29,652 S30,311 29% S30,710 49% Total PFR Quenture S8,131 S7,638 -6% S7,585 S7,885 S9,885 S8,885 S8			Cu	rrent Qu	ıarter					Next Ye	ear		
TV Media		Act.	Act.	_	<u>Old</u>	_		Act.	<u>New</u>	_	<u>Old</u>	_	_
TV Media Advertising Advertising Advertising Advertising Advertising S2,024 S2,023 J-76 S1,963 J-89 S40 S5,883 S5,168 J-129 S5,883 S5,168 J-129 S5,883 S5,168 J-129 S5,173 J-129 S5,173 J-129 S5,173 S20,085 S19,518 S3,837 J-76 S3,783 J-76 S3,783 J-76 S3,783 J-76 S3,783 J-76 S3,783 J-76 S5,883 S5,168 J-129 S5,173 J-129 S5,173 J-129 S5,173 S20,085 S19,518 S3,837 J-76 S3,783 J-78 S20,085 S19,518 S-39 S20,085 S19,518 S20,085 S20,	Fiscal Year Ends 12/31	Q4/22A	Q4/23A	Y/Y	Q4/23E	Y/Y	D	2023A	2024E	Y/Y	2024E	Y/Y	D
Advertising	PARA Actuals & BofA Estimates												
Advertising S2,682 S2,283 -15% S2,280 -15% S3 S8,188 S8,130 -1% S8,400 34 Affiliate and subscription S2,024 S2,003 -1% S1,003 -1% S1,003 -3% S4,003 S3,812 S3,813 -1% S7,844 -3% S1,177 S882 -25% S930 -27% (S48) S3,812 S3,813 -1% S7,844 -3% S1,177 S882 -25% S930 -27% (S58) S20,085 S19,518 -3% S20,028 09 Object to Consumer S1,177 S882 -25% S5,173 -12% (S5) S20,085 S19,518 -3% S20,028 09 Object to Consumer Advertising S460 S526 14% S5,088 S1,275 36% 567 S4,941 S5,995 21% S6,005 23% S0,005 S1,343 43% S1,276 36% 567 S4,941 S5,995 21% S6,005 23% S1,345 S1,869 S1,848 S81,784 28% S85 S6,736 S8,025 19% S7,960 20% S1,366 S1,869													
Adfiliate and subscription \$2,024 \$2,003 - 1% \$1,963 3-3% \$40 \$8,085 \$7,551 -7% \$7,984 -38 \$1,041 \$10	TV Media												
Direct to Consumer	o contract of the contract of	. ,					-		. ,			3%	(\$271)
Direct to Consumer	Affiliate and subscription	. , .			. ,			,	. ,			-3%	(\$293)
Direct to Consumer Advertising	o a constant of the constant o						(' '		,			-2%	\$54
Advertising S460 S526 14% S508 11% S18 S1,795 S2,031 13% S1,956 10% Subscription & Licensing S936 S1,343 43% S1,276 36% 567 54,941 55,995 27% 56,005 23% Total Direct to Consumer S1,396 S1,869 34% S1,784 28% S85 S6,736 S8,025 19% S7,960 20% S10 S1,869 34% S1,784 28% S85 S6,736 S8,025 19% S7,960 20% S10 S1,869	Total TV Media Revenues	\$5,883	\$5,168	-12%	\$5,173	-12%	(\$5)	\$20,085	\$19,518	-3%	\$20,028	0%	(\$509)
Subscription & Licensing S936 S1,343 43% S1,276 36% 567 54,941 S5,995 21% \$6,005 23% Total Direct to Consumer S1,396 S1,869 34% S1,784 28% S85 S6,736 S8,025 19% S7,960 20% Filmed Entertainment Advertising S6 S3 50% S6 5% S85 S6,736 S8,025 19% S7,960 20% Theatrical S97 S78 2-0% S126 30% (548) S813 S748 8-8% S839 3-3% Licensing and other S833 S566 32% S583 3-0% (517) S2,120 S2,125 0% S2,028 5-9% Total Filmed Entertainment Revenues S936 S647 3-3% S716 -24% (568) S2,957 S2,897 -2% S2,895 -4% Eliminations (S84) (S46) 4-5% (S88) 5% 542 (S126) (S130) 3% (S173) 3% Total PF Revenue S8,131 S7,638 -6% S7,885 -7% S53 S29,652 S30,311 2% S30,710 49% Total PF Operating Expenses S7,517 S7,118 -5% S7,084 -6% S34 S27,262 S27,541 1% S28,058 39% Adj OIBDA by Segment TVMedia S1,296 S1,142 -12% S1,168 -10% (S26) S4,791 S4,538 -5% S4,555 -5% Direct to Consumer (S575) S690 -15% (S550) -4% S60 (S163) (S1,100) -34% (S1273) -26% Stock Based Comp. (S44) (S45) 2-9% (S48) 9% S3 (S172) (S500) 12% (S544) 18% Stock Based Comp. (S44) (S45) 2-9% (S48) 9% S3 (S172) (S178) 3-9% (S178) 2-9% Total D&A (S123) (S108) -12% (S109) -2% S12 (S418) (S420) 0% (S480) 72% 5579 Adj Net Income S69 S41 -41% S50 -93% S36 S400 S809 102% S646 779 Adj Net Income S69 S41 -41% S52 0% S52													
Filmed Entertainment S1,396 S1,869 34% S1,784 28% S85 S6,736 S8,025 19% S7,960 209 S7,960 209 S7,960 S7,96	Advertising						-		. ,			10%	\$75
Filmed Entertainment	,				. ,				. ,			23%	(\$10)
Advertising	Total Direct to Consumer	\$1,396	\$1,869	34%	\$1,784	28%	\$85	\$6,736	\$8,025	19%	\$7,960	20%	\$65
Theatrical S97 S78 -20% S126 30% (548) S813 S748 -8% S839 -39 Licensing and other S833 S566 -32% S583 -30% (517) S2,120 S2,125 0% S2,028 -59	Filmed Entertainment												
Licensing and other S833 S566 -32% S583 -30% (S17) S2,120 S2,125 0% S2,028 -59% Total Filmed Entertainment Revenues S936 S647 -31% S716 -24% (S68) S2,957 S2,897 -2% S2,895 -49% S2,895 -49% S2,895 S7,044 S716 -24% S716 S7,044 S716 S716 S716 S7,044 S716	8						,					3%	(\$4)
Total Filmed Entertainment Revenues \$936 \$647 -31% \$716 -24% \$(568) \$2,957 \$2,897 -2% \$2,895 -49							, ,					-3%	(\$91)
Eliminations (584) (546) -45% (588) 596 542 (5126) (5130) 33% (5173) 33 Total PF Revenue \$8,131 \$7,638 -6% \$7,585 -7% \$53 \$29,652 \$30,311 2% \$30,710 49 Total PF Operating Expenses \$7,517 \$7,118 -5% \$7,084 -6% \$34 \$27,262 \$27,541 1% \$28,058 39 Adj OIBDA by Segment TV Media \$1,296 \$1,142 -12% \$1,168 -10% \$(526) \$4,791 \$4,538 -5% \$4,555 -59 Direct to Consumer (5575) (5490) -15% (5550) -4% \$60 (51,663) (51,100) -34% (51,273) -269 Filmed Entertainment \$87 \$24 NM \$55 NM (\$31) (\$119) \$10 NM \$92 NM Corp./Elims (5150) (5111) -26% (5125) -17% \$14 (5447) (5500) 12% (5544) 18% Stock Based Comp. (544) (454) 2% (548) 9% \$3 (5172) (5178) 3% (5178) 29 Total Adj OIBDA \$614 \$520 -15% \$500 -19% \$20 \$2,390 \$2,770 16% \$2,652 12% Margin 7.6% 6.8% -10% 6.6% -13% 0% 8.1% 9.1% 13% 8.6% 89 Total D&A (\$123) (\$108) -12% (\$120) -2% \$12 (\$418) (\$420) 0% (\$480) 129 Operating Income (Loss) \$182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172 -5579 Margin 2% 5% 136% 5% 124% 0% -2% 4% -393% 7% -5419 Adj Net Income \$69 \$41 41% \$55 -93% \$36 \$400 \$809 102% \$646 79 Diluted Shares Outstanding 651 652 0% 652 0% 0 6552 652 0% 6552 0%	Licensing and other	\$833	\$566	-32%	\$583	-30%	(\$17)	\$2,120	\$2,125	0%	\$2,028	-5%	\$96
Total PF Revenue \$8,131 \$7,638 -6% \$7,585 -7% \$53 \$29,652 \$30,311 2% \$30,710 49 Total PF Operating Expenses \$7,517 \$7,118 -5% \$7,084 -6% \$34 \$27,262 \$27,541 1% \$28,058 39 Adj OlBDA by Segment TV Media \$1,296 \$1,142 -12% \$1,168 -10% \$260 \$4,791 \$4,538 -5% \$4,555 -59 Direct to Consumer \$57,517 \$8490 -15% \$5500 -4% \$60 \$1,663 \$(51,00) -34% \$61,273 -269 Filmed Entertainment \$87 \$24 NM \$55 NM \$311 \$100 NM \$92 NM Corp./Elims \$(\$150) \$(\$111) -26% \$(\$125) -17% \$14 \$(\$447) \$(\$500) 12% \$544 188 Stock Based Comp. \$(\$44) \$(\$45) 2% \$48 9% \$3 \$(\$172)	Total Filmed Entertainment Revenues	\$936	\$647	-31%	\$716	-24%	(\$68)	\$2,957	\$2,897	-2%	\$2,895	-4%	\$2
Total PF Operating Expenses \$7,517 \$7,118 -5% \$7,084 -6% \$34 \$27,262 \$27,541 1% \$28,058 39 Adj OIBDA by Segment TV Media \$1,296 \$1,142 -12% \$1,168 -10% (\$26) \$4,791 \$4,538 -5% \$4,555 -59 Direct to Consumer (\$575) (\$490) -15% (\$550) -4% \$60 (\$1,663) (\$1,100) -34% (\$1,273) -260 Filmed Entertainment \$87 \$24 NM \$55 NM (\$31) (\$119) \$10 NM \$92 NM Corp./Elims (\$150) (\$111) -26% (\$125) -17% \$14 (\$447) (\$500) 12% (\$544) 189 Stock Based Comp. (\$44) (\$45) 2% (\$48) 9% \$3 (\$172) (\$178) 3% (\$178) 2% Total Adj OIBDA \$614 \$520 -15% \$500 -19% \$20 \$	Eliminations	(\$84)	(\$46)	-45%	(\$88)	5%	\$42	(\$126)	(\$130)	3%	(\$173)	3%	\$43
Adj OIBDA by Segment TV Media \$1,296 \$1,142 -12% \$1,168 -10% \$260 \$4,791 \$4,538 -5% \$4,555 -590 Direct to Consumer \$575 \$(\$490) -15% \$(\$550) -4% \$60 \$(\$1,663) \$(\$1,100) -34% \$(\$1,273) -269 \$(\$1,273) \$(\$1,273) \$(\$1,273) -269 \$(\$1,273) \$	Total PF Revenue	\$8,131	\$7,638	-6%	\$7,585	-7 %	\$53	\$29,652	\$30,311	2%	\$30,710	4%	(\$399)
TV Media \$1,296 \$1,142 -12% \$1,168 -10% \$260 \$4,791 \$4,538 -5% \$4,555 -59% Direct to Consumer \$(\$575) \$(\$490) -15% \$(\$550) -4% \$60 \$(\$1,663) \$(\$1,100) -34% \$(\$1,273) -26% Filmed Entertainment \$87 \$24 \$NM \$55 \$NM \$(\$31) \$(\$119) \$10 \$NM \$92 \$NM \$100 \$	Total PF Operating Expenses	\$7,517	\$7,118	-5%	\$7,084	-6%	\$34	\$27,262	\$27,541	1%	\$28,058	3%	(\$517)
Direct to Consumer (\$575) (\$490) -15% (\$550) -4% \$60 (\$1,663) (\$1,100) -34% (\$1,273) -269 Filmed Entertainment \$87 \$24 NM \$55 NM (\$31) (\$119) \$10 NM \$92 NM Corp./Elims (\$150) (\$111) -26% (\$125) -17% \$14 (\$447) (\$500) 12% (\$544) 189 Stock Based Comp. (\$44) (\$45) 2% (\$48) 9% \$3 (\$172) (\$178) 3% (\$178) 29 Total Adj OlBDA \$614 \$520 -15% \$500 -19% \$20 \$2,390 \$2,770 16% \$2,652 129 Margin 7.6% 6.8% -10% 6.6% -13% 0% 8.1% 9.1% 13% 8.6% 89 Operating Income (Loss) \$182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172<	Adj OIBDA by Segment												
Filmed Entertainment S87 \$24 NM \$55 NM (\$31) (\$119) \$10 NM \$92 NM Corp./Elims (\$150) (\$111) -26% (\$125) -17% \$14 (\$447) (\$500) 12% (\$544) 189 Stock Based Comp. (\$44) (\$45) 2% (\$48) 9% \$3 (\$172) (\$178) 3% (\$178) 29 Total Adj OIBDA Adj Net Income S182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172 -5579 Adj Net Income S87 \$24 NM \$55 NM (\$31) (\$119) \$10 NM \$92 NM S92 NM S92 NM S92 NM S93 (\$172) (\$500) 12% (\$544) 189 S94 (\$451) \$1,350 -399% \$2,652 129 S95 12% S96 124% 0% -2% \$12 (\$418) (\$420) 0% (\$480) 129 S96 136% 59% 136% 59% 124% 0% -2% 4% -393% 7% -5419 S97 S98	TV Media	\$1,296	\$1,142	-12%	\$1,168	-10%	(\$26)	\$4,791	\$4,538	-5%	\$4,555	-5%	(\$17)
Corp/Elims (\$150) (\$111) -26% (\$125) -17% \$14 (\$447) (\$500) 12% (\$544) 189 Stock Based Comp. (\$44) (\$45) 2% (\$48) 9% \$3 (\$172) (\$178) 3% (\$178) 29 Total Adj OIBDA \$614 \$520 -15% \$500 -19% \$20 \$2,390 \$2,770 16% \$2,652 129 Margin 7.6% 6.8% -10% 6.6% -13% 0% 8.1% 9.1% 13% 8.6% 89 Total D&A (\$123) (\$108) -12% (\$120) -2% \$12 (\$418) (\$420) 0% (\$480) 129 Operating Income (Loss) \$182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172 -5579 Margin 2% 5% 136% 5% 124% 0% -2% 4% -393% 7% -5419		(. ,	(' '		(' '		-	(' ' '	(. , , ,			-26%	\$173
Stock Based Comp. (\$44) (\$45) 2% (\$48) 9% \$3 (\$172) (\$178) 3% (\$178) 29 Total Adj OlBDA \$614 \$520 -15% \$500 -19% \$20 \$2,390 \$2,770 16% \$2,652 129 Margin 7.6% 6.8% -10% 6.6% -13% 0% 8.1% 9.1% 13% 8.6% 89 Total D&A (\$123) (\$108) -12% (\$120) -2% \$12 (\$418) (\$420) 0% (\$480) 129 Operating Income (Loss) \$182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172 -5579 Margin 2% 5% 136% 5% 124% 0% -2% 4% -393% 7% -5419 Adj Net Income \$69 \$41 -41% \$5 -93% \$36 \$400 \$809 102% \$646 779 <tr< td=""><td></td><td>-</td><td>\$24</td><td></td><td></td><td></td><td>(\$31)</td><td>, ,</td><td></td><td>NM</td><td></td><td>NM</td><td>(\$83)</td></tr<>		-	\$24				(\$31)	, ,		NM		NM	(\$83)
Total Adj OIBDA \$614 \$520 -15% \$500 -19% \$20 \$2,390 \$2,770 16% \$2,652 129 Margin 7.6% 6.8% -10% 6.6% -13% 0% 8.1% 9.1% 13% 8.6% 89 Total D&A (\$123) (\$108) -12% (\$120) -2% \$12 (\$418) (\$420) 0% (\$480) 129 Operating Income (Loss) \$182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172 -5579 Margin 2% 5% 136% 5% 124% 0% -2% 4% -393% 7% -5419 Adj Net Income \$69 \$41 -41% \$5 -93% \$36 \$400 \$809 102% \$646 779 Diluted Shares Outstanding 651 652 0% 652 0% 0 652 652 0% 652			, ,					, ,	. ,		. ,	18%	\$44
Margin 7.6% 6.8% -10% 6.6% -13% 0% 8.1% 9.1% 13% 8.6% 89 Total D&A (\$123) (\$108) -12% (\$120) -2% \$12 (\$418) (\$420) 0% (\$480) 129 Operating Income (Loss) \$182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172 -5579 Margin 2% 5% 136% 5% 124% 0% -2% 4% -393% 7% -5419 Adj Net Income \$69 \$41 -41% \$5 -93% \$36 \$400 \$809 102% \$646 779 Diluted Shares Outstanding 651 652 0% 652 0% 0 652 652 0% 652 0% 0 652 0% 652 0%		. ,	. ,		. ,			,	(- /		,	2%	
Total D&A (\$123) (\$108) -12% (\$120) -2% \$12 (\$418) (\$420) 0% (\$480) 129 Operating Income (Loss) \$182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172 -5579 Margin 2% 5% 136% 5% 124% 0% -2% 4% -393% 7% -5419 Adj Net Income \$69 \$41 -41% \$5 -93% \$36 \$400 \$809 102% \$646 779 Diluted Shares Outstanding 651 652 0% 652 0% 0 652 652 0% 652 0%	•	•	•		•		_	•			. ,	12%	\$118
Operating Income (Loss) \$182 \$404 122% \$380 109% \$24 (\$451) \$1,350 -399% \$2,172 -5579 Margin 2% 5% 136% 5% 124% 0% -2% 4% -393% 7% -5419 Adj Net Income \$69 \$41 -41% \$5 -93% \$36 \$400 \$809 102% \$646 779 Diluted Shares Outstanding 651 652 0% 652 0% 0 652 652 0% 652 0%	Margin	7.6%	6.8%	-10%	6.6%	-13%	0%	8.1%	9.1%	13%	8.6%	8%	1%
Margin 2% 5% 136% 5% 124% 0% -2% 4% -393% 7% -5419 Adj Net Income \$69 \$41 -41% \$5 -93% \$36 \$400 \$809 102% \$646 779 Diluted Shares Outstanding 651 652 0% 652 0% 0 652 652 0% 652 0%	Total D&A	(\$123)	(\$108)	-12%	(\$120)	-2%	\$12	(\$418)	(\$420)	0%	(\$480)	12%	\$60
Adj Net Income \$69 \$41 -41% \$5 -93% \$36 \$400 \$809 102% \$646 77% Diluted Shares Outstanding 651 652 0% 652 0% 0 652 652 0% 652 0%	Operating Income (Loss)	\$182	\$404	122%	\$380	109%	\$24	(\$451)	\$1,350	-399%	\$2,172	-557%	(\$822)
Diluted Shares Outstanding <u>651</u> <u>652</u> 0% <u>652</u> 0% 0 <u>652</u> 0% <u>652</u> 0%	Margin	2%	5%	136%	5%	124%	0%	-2%	4%	-393%	7%	-541%	-3%
	Adj Net Income	\$69	\$41	-41%		-93 %	\$36	\$400	\$809	102%	\$646	77%	\$163
Diluted EPS \$0.08 \$0.04 -50% \$0.01 -91% \$0.03 \$0.53 \$1.24 134% \$0.99 99%	Diluted Shares Outstanding	<u>651</u>	<u>652</u>	0%	<u>652</u>	0%		<u>652</u>	<u>652</u>	0%	<u>652</u>	0%	0
	Diluted EPS	\$0.08	\$0.04	-50 %	\$0.01	-91 %	\$0.03	\$0.53	\$1.24	134%	\$0.99	99%	\$0.25
Free Cash Flow (\$369) \$366 -199% \$350 -195% \$16 \$289 \$100 -66% (\$362) -2339	Free Cash Flow	(\$369)	\$366	-199%	\$350	-195%	\$16	\$289	\$100	-66%	(\$362)	-233%	\$461
Streaming Breakdown	Streaming Breakdown						_						_
· · · · · · · · · · · · · · · · · · ·	_	55.9	67.5	21%	67.4	21%	0.1	67.5	72.8	8%	73.4	9%	(0.6)
Paramount Plus Revenue \$802 \$1,353 69% \$1,246 55% 107.1 \$4,446 \$6,008 35% \$5,638 30%		55.5	57.5	-170	37.1	_ 1 /0	0.1	37.3	. 2.0	0 /0			(0.0)

Source: BofA Global Research

BofA GLOBAL RESEARCH



Exhibit 2: PARA—Income Statement We forecast \$2.77bn for CY24E adj OIBDA

			202	23				20	24				
Fiscal Year Ends 12/31	2022A	Q1A	Q2A	Q3A	Q4A	2023A	Q1E	Q2E	Q3E	Q4E	2024E	2025E	2026E
PARA: Income Statement	2022	2023.1	2023.2	2023.3	2023.4	2023	2024.1	2024.2	2024.3	2024.4	2024	2025	2026
TV Media	\$21,732	\$5,193	\$5,157	\$4,567	\$5,168	\$20,085	\$5,284	\$4,775	\$4,442	\$5,018	\$19,518	\$19,157	\$18,820
Direct-to-Consumer	\$4,904	\$1,510	\$1,665	\$1,692	\$1,869	\$6,736	\$1,918	\$1,998	\$2,014	\$2,095	\$8,025	\$8,994	\$9,746
Filmed Entertainment	\$3,706	\$588	\$831	\$891	\$647	\$2,957	\$511	\$706	\$883	\$797	\$2,897	\$2,935	\$2,977
Eliminations _	(\$188)	<u>(\$26)</u>	<u>(\$37)</u>	<u>(\$17)</u>	<u>(\$46)</u>	(\$126)	(\$27)	<u>(\$38)</u>	<u>(\$18)</u>	(\$47)	(\$130)	<u>(\$134)</u>	(\$135)
Total Revenues	\$30,154	\$7,265	\$7,616	\$7,133	\$7,638	\$29,652	\$7,686	\$7,441	\$7,321	\$7,863	\$30,311	\$30,951	\$31,409
YoY % Change	5%	-1%	-2%	3%	-6%	-2%	6%	-2%	3%	3%	2%	2%	1%
Total Operating Expenses	\$26,878	\$6,717	\$7,010	\$6,417	\$7,118	\$27,262	\$7,010	\$6,798	\$6,476	\$7,257	\$27,541	\$27,842	\$28,207
YoY % Change	11%	5%	3%	5%	-5%	1%	4%	-3%	1%	2%	1%	1%	1%
TV Media	\$5,451	\$1,306	\$1,194	\$1,149	\$1,142	\$4,791	\$1,307	\$1,090	\$1,106	\$1,035	\$4,538	\$4,205	\$3,796
Direct-to-Consumer	(\$1,819)	(\$511)	(\$424)	(\$238)	(\$490)	(\$1,663)	(\$356)	(\$217)	(\$109)	(\$418)	(\$1,100)	(\$462)	\$7
Filmed Entertainment	\$272	(\$99)	\$5	(\$49)	\$24	(\$119)	(\$114)	(\$46)	(\$3)	\$172	\$10	\$61	\$112
Corp./Elims	(\$470)	(\$109)	(\$124)	(\$103)	(\$111)	(\$447)	(\$116)	(\$129)	(\$114)	(\$141)	(\$500)	(\$516)	(\$532)
Stock Based Comp.	(\$158)	<u>(\$39)</u>	<u>(\$45)</u>	<u>(\$43)</u>	<u>(\$45)</u>	<u>(\$172)</u>	<u>(\$45)</u>	<u>(\$55)</u>	<u>(\$35)</u>	<u>(\$43)</u>	(\$178)	<u>(\$179)</u>	<u>(\$181)</u>
Total Adj OIBDA	\$3,276	\$548	\$606	\$716	\$520	\$2,390	\$677	\$643	\$845	\$605	\$2,770	\$3,109	\$3,202
% Margin	10.9%	7.5%	8.0%	10.0%	6.8%	8.1%	8.8%	8.6%	11.5%	7.7%	9.1%	10.0%	10.2%
YoY % Change	-26%	-40%	-37%	-9%	-15%	-27%	23%	6%	18%	16%	16%	12%	3%
Depreciation & Amort.	(\$405)	(\$100)	(\$105)	(\$105)	(\$108)	(\$418)	(\$105)	(\$105)	(\$105)	(\$105)	(\$420)	(\$420)	(\$420)
Restructuring	(\$585)	-	(\$54)	\$10	\$75	\$31	(\$200)	-	-	-	(\$200)	-	-
Programming		(\$1,674)	(\$697)	-	_	(\$2,371)	(\$800)	-	-	-	(\$800)	-	-
Gain on Sale of Assets/Other	<u>\$56</u>	. .	.	_ =	<u>(\$83)</u>	<u>(\$83)</u>	=	_ =	_ =	_ =	_ =	_ =	_ =
Operating Income (Loss)	\$2,342	(\$1,226)	(\$250)	\$621	\$404	(\$451)	(\$428)	\$538	\$740	\$500	\$1,350	\$2,689	\$2,782
% Margin	8%	-17%	-3%	9%	5%	-2%	-6%	7%	10%	6%	4%	9%	9%
YoY % Change	-63%	-258%	-131%	10%	122%	-119%	-65%	-315%	19%	24%	-399%	99%	3%
Interest Expense	(\$931)	(\$226)	(\$240)	(\$232)	(\$222)	(\$920)	(\$226)	(\$226)	(\$226)	(\$226)	(\$904)	(\$904)	(\$904)
Interest Income	\$108	\$35	\$33	\$29	\$40	\$137	\$35	\$33	\$29	\$40	\$137	\$137	\$137
Gain on Marketable Securities	-	_	\$168		-	\$168	-	_	-	_	-	_	-
Gain on Ext. of Debt	(\$120)	-	_	-	\$29	\$29	-		-	-	-	_	-
Other Items	<u>(\$133)</u>	<u>(\$46)</u>	<u>(\$60)</u>	<u>(\$42)</u>	<u>(\$68)</u>	<u>(\$216)</u>	<u>(\$48)</u>	<u>(\$48)</u>	<u>(\$48)</u>	<u>(\$48)</u>	<u>(\$192)</u>	=	=
Earnings from Cont. Operations	\$1,266	(\$1,463)	(\$349)	\$376	\$183	(\$1,253)	(\$667)	\$297	\$495	\$266	\$391	\$1,922	\$2,015
Taxes	(\$227)	\$381	\$95	(\$40)	(\$75)	\$361	\$140	(\$62)	(\$104)	(\$56)	(\$82)	(\$404)	(\$423)
Tax Rate	18%	26%	27%	11%	41%	29%	21%	21%	21%	21%	21%	21%	21%
Equity in loss of Investees	(\$204)	<u>(\$75)</u>	<u>(\$109)</u>	<u>(\$75)</u>	<u>(\$101)</u>	(\$360)	<u>(\$90)</u>	<u>(\$95)</u>	<u>(\$110)</u>	<u>(\$115)</u>	(\$410)	(\$445)	(\$480)
Net Earnings from Cont. Ops	\$835	(\$1,157)	(\$363)	\$261	\$7	(\$1,252)	(\$617)	\$140	\$281	\$95	(\$101)	\$1,074	\$1,112
Non Controlling Interests/Discontinued Ops	\$269 \$1.104	\$39 (¢1.110)	\$64 (\$200)	\$34 \$205	\$507	\$644	\$30 (\$507)	\$30	\$30	\$30 \$135	\$120	\$120 \$1.104	\$120 \$1.222
Net Earnings Attributable to PARA	\$1,104	(\$1,118)	(\$299)	\$295	\$514	(\$608)	(\$587)	\$170	\$311	\$125	\$19 \$200	\$1,194	\$1,232
Impact of Adj on Net Earnings/Preferred Dividends	\$67 \$1.171	<u>\$1,190</u> \$72	\$379	<u>(\$88)</u>	<u>(\$473)</u>	\$1,008	\$790	± 170	= ¢211	= ¢12E	<u>\$790</u> \$809	£1 104	£1 222
Adj Net Income Diluted Shares Outstanding	\$1,171 651	\$/2 652	\$80 651	\$207 652	\$41 652	\$400 652	\$203 652	\$170 652	\$311 652	\$125 652	\$809 652	\$1,194 652	\$1,232 652
Adj EPS	\$1.71	\$0.09	\$0.10	\$0.30	\$0.04	\$0.53	\$0.31	\$0.26	\$0.48	\$0.19	\$1.24	\$1.83	\$1.89
YoY % Change	-51%	-85%	-84%	-23%	-50%	-69%	245%	160%	\$0.48 59%	381%	134%	48%	3%
101 /o change	90 د-	70/ دی-	-04-70	-2370	-50%	-0390	24,570	100%	2270	70 ا ن د	1.5470	40%	5%

Source: BofA Global Research BofA GLOBAL RESEARCH

Exhibit 3: PARA—FCF StatementWe forecast \$100mn for CY24E FCF

			20	23				20	24				
Fiscal Year Ends 12/31	2022A	Q1A	Q2A	Q3A	Q4A	2023A	Q1E	Q2E	Q3E	Q4E	2024E	2025E	2026E
PARA: Free Cash Flow													
FCF Derivation													
Adj OIBDA	\$3,276	\$548	\$606	\$716	\$520	\$2,390	\$677	\$643	\$845	\$605	\$2,770	\$3,109	\$3,202
- Cash Interest	\$920	\$275	\$174	\$247	\$211	\$907	\$191	\$193	\$197	\$186	\$767	\$767	\$767
- Cash Taxes	\$157	(\$6)	\$76	(\$68)	\$105	\$107	(\$140)	\$62	\$104	\$56	\$82	\$404	\$423
- Change In Working Capital and Other	\$2,341	<u>\$762</u>	<u>\$497</u>	\$87	<u>(\$354)</u>	\$992	<u>\$670</u>	<u>\$330</u>	<u>\$445</u>	<u>\$45</u>	\$1,490	\$1,270	\$1,270
= Operating Cash Flow	(\$142)	(\$483)	(\$141)	\$450	\$558	\$384	(\$44)	\$58	\$99	\$318	\$431	\$669	\$742
- Discontinued Operations	-	-	-	-	-	_	_	-	-	-	-	_	-
- Capex	\$358	\$71	\$69	\$73	\$115	\$328	\$72	\$70	\$74	\$116	\$331	\$335	\$338
= Free Cash Flow (FCF)	(\$500)	(\$554)	(\$210)	\$377	\$443	\$56	(\$116)	(\$12)	\$25	\$202	\$100	\$334	\$404
+ Cash Restructuring/Merger Costs	\$289	\$69	\$78	\$163	(\$77)	\$233					-	-	-
= Adj Free Cash Flow (FCF)	(\$211)	(\$485)	(\$132)	\$540	\$366	\$289	(\$116)	(\$12)	\$25	\$202	\$100	\$334	\$404
% Chg. (YOY)	-125%	-260%	-194%	-288%	-199%	-237%	-76%	-91%	-95%	-45%	NM	236%	21%
/ Diluted Shares Outstanding	<u>651</u>	<u>652</u>	<u>651</u>	<u>652</u>	<u>652</u>	<u>652</u>	<u>652</u>	<u>652</u>	<u>652</u>	<u>652</u>	<u>652</u>	<u>652</u>	<u>652</u>
= FCF/Share	(\$0.32)	(\$0.74)	(\$0.20)	\$0.83	\$0.56	\$0.44	(\$0.18)	(\$0.02)	\$0.04	\$0.31	\$0.15	\$0.51	\$0.62
Leverage Statistics													
Gross Debt	\$15,846	\$15,853	\$15,800	\$15,665	\$14,602	\$14,602	\$14,602	\$14,602	\$14,602	\$14,602	\$14,602	\$14,602	\$14,602
- Cash And Cash Equivalents	\$2,885	\$2,109	\$1,714	\$1,804	\$2,460	\$2,460	\$2,311	\$2,267	\$2,259	\$2,429	\$2,429	\$2,633	\$2,906
= Net Debt	\$12,961	\$13,744	\$14,086	\$13,861	\$12,142	\$12,142	\$12,291	\$12,335	\$12,343	\$12,173	\$12,173	\$11,969	\$11,696
LTM Adj OIBDA	\$3,276	\$2,911	\$2,554	\$2,484	\$2,390	\$2,390	\$2,519	\$2,556	\$2,685	\$2,770	\$2,770	\$3,109	\$3,202
Gross Debt:OIBDA	4.8x	5.4x	6.2x	6.3x	6.1x	6.1x	5.8x	5.7x	5.4x	5.3x	5.3x	4.7x	4.6x
Net Debt:OIBDA	4.0x	4.7x	5.5x	5.6x	5.1x	5.1x	4.9x	4.8x	4.6x	4.4x	4.4x	3.8x	3.7x

Source: BofA Global Research 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. 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	BofA 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
	Sphere Entertainment Co.	SPHR	SPHR US	Peter Henderson
	Warner Music Group Corporation	WMG	WMG US	Jessica Reif Ehrlich
UNDERPERFORM				
	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



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
Return On Equity Operating Margin	Net Income Operating Profit	Amortization Shareholders' Equity 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 Cash Realization Ratio Asset Replacement Ratio Tax Rate Net Debt-To-Equity Ratio Interest Cover	Numerator Cash Flow From Operations Capex Tax Charge Net Debt = Total Debt — Cash & Equivalents EBIT	Denominator Net Income Depreciation Pre-Tax Income Total Equity Interest Expense
Valuation Toolkit Price / Earnings Ratio Price / Book Value Dividend Yield Free Cash Flow Yield Enterprise Value / Sales	Numerator Current Share Price Current Share Price Annualised Declared Cash Dividend Cash Flow From Operations — Total Capex EV = Current Share Price × Current Shares + Minority Equity + Net Debt + Other LT Liabilities	Denominator Diluted Earnings Per Share (Basis As Specified) Shareholders' Equity / Current Basic Shares Current Share Price Market Cap = Current Share Price × Current Basic Shares Sales

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.

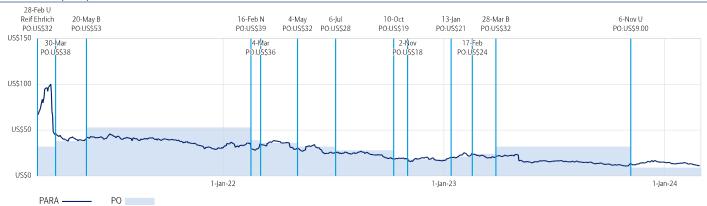
IQprofile^{≤M}, **IQ**method^{≤M} are service marks of Bank of America Corporation. **IQ**database® is a registered service mark of Bank of America Corporation.



Disclosures

Important Disclosures

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%

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: 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.



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 Prudentiel 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 (Hong Kong): Merrill (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 Bancaria 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 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 accor

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 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 BGMeter 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.

