Bradesco

R\$7bn IOC Declaration - Anticipated and Not Material

Bradesco just declared R\$7bn gross interest on capital (R\$0.66 DPS) or 4% dividend yield, totalling R\$11.3bn year-to-date proceeds (link), or 62% payout assuming our R\$18.3bn estimates. Though the headline may call some investors attention, we recall Bradesco had already paid and provisioned for R\$8.6bn in 9M23. This mean the incremental quarterly IOC for income tax tailwind, or capital headwind is around ~R\$2.7bn, in line to past quarters R\$2.8-2.9bn range. In summary, we believe this should not be material for capital or 4Q23 tax rate. On potential near-term NII headwind, most cash disbursement (R\$5bn) will take place in June 28th (last year the supplementary portion was paid in March), with only R\$2bn being paid January 2nd, despite shares trading ex-dividend now (December 22nd). This six month cash retention at 11% avg. rates imply ~R\$300mn NII or ~0.4% of total for 2024, small but any benefit matters. For tax rate, we believe IOC benefit will only reflect the incremental R\$2.7bn amount, thus similar to past quarters. For capital this should not be relevant neither, in our view. Assuming no capital generation in 4Q23, we estimate 20bps CET1 ratio headwind from the R \$2.7bn incremental IOC. However, considering Bradesco generates R\$4.8bn (JPMe) and considering RwA growth should be timid (due to lackluster loan growth) we expect CET1 ratio to move up in 4Q23. Regarding dividends, we believe market focus is on Banco do Brasil and Itau Unibanco potential payout increases. Bradesco YTD dividend yield is 6.5% and the company is trading at 1.1x 23E P/BV.

Figure 1: Bradesco had already partially provisioned for this IOC payment in 9M23 R\$ mn



Source: Company reports and J.P. Morgan Estimates

Equity Ratings and Price Targets

		Mkt Cap			Ra	ating		Price Ta	arget	
Company	Ticker	(\$ mn)	CCY	Price	Cur	Prev	Cur	End Date	Prev En	d Date
Banco Bradesco	BBDC4 BZ	35,199.81	BRL	16.31	OW	n/c	19.00	Dec-24	n/c	n/c
Banco Bradesco ADR	BBD US	35,332.01	USD	3.32	OW	n/c	_	_	n/c	n/c

Source: Company data, Bloomberg Finance L.P., J.P. Morgan estimates. n/c = no change. All prices as of 11 Dec 23.

See page 7 for analyst certification and important disclosures, including non-US analyst disclosures.

J.P. Morgan does and seeks to do business with companies 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.

Latin American Financials

Yuri R Fernandes AC

(1-212) 622-3400 yuri.r.fernandes@jpmorgan.com Bloomberg JPMA FERNANDES <GO> J.P. Morgan Securities LLC

Guilherme Grespan

(55-11) 4950-3058 guilherme.grespan@jpmorgan.com Banco J.P. Morgan S.A.

Marlon Medina, CFA

(52-55) 5283-1665 marlon.medinarobles@jpmorgan.com J.P. Morgan Casa de Bolsa, S.A. de C.V., J.P. Morgan Grupo Financiero

Fernanda Sayao

(55-11) 4950-6588 fernanda.sayao@jpmchase.com Banco J.P. Morgan S.A. Table 1: IOC paid this quarter should not be material for capital - CET1 ratio should move up with earnings retention

R\$ mn

	3Q23 ⁽⁻⁾	OC accumulated		(+) Est. Earnings	4Q23E
		(Dec 11th)	9M23	4Q23	
CET1	111,642	(11,311)	8,608	4,895	113,835
RwA	942,435				942,435
CET1 ratio	11.8%				12.1%

Source: Company reports and J.P. Morgan Estimates



Adj. EPS Estimate Changes

			FY24E					
Company	BBG Ticker	CCY	Prev	Cur	Δ	Prev	Cur	Δ
Banco Bradesco	BBDC4 BZ	BRL	1.72	1.72	-	2.24	2.24	-
Banco Bradesco ADR	BBD US	USD	0.36	0.36	-	0.46	0.46	-

Source: Bloomberg Finance L.P., J.P. Morgan estimates.



Investment Thesis, Valuation and Risks

Banco Bradesco (Overweight; Price Target: R\$19.00)

Investment Thesis

We like Bradesco's leading banking franchise as well as its product and distribution diversity. Bradesco operates Brazil's largest insurance business. Bradesco also jointly controls Cielo through an agreement with Banco do Brasil. Bradesco has been recently investing in digital channels such as Next, Digio, improving its retail broker, among others. Top line and asset quality have been challenging lately, but we believe current valuation multiples reflect those issues, thus we maintain our Overweight rating.

Valuation

Our Dec 2024 price target of R\$19 per share represents 1.2x 2023E BV and 8.5x 2024E P/E.

As with most banks under our coverage, our price target is based on two equally weighted methodologies. First, we use a two-stage residual income model, which values a company's excess returns (expected ROE minus cost of equity multiplied by average shareholders' equity) over a 10-year period (2024-33) and a terminal period (beyond 2033). These excess results are discounted back to year-end 2023 at the company's estimated cost of equity in order to determine the 2023 year-end fair value.

Second, since a positive correlation exists between expected returns on equity and price-to-book value multiples, we also use a regression of risk-adjusted ROEs to price-to-book value multiples for a cross-section of Latin American banks as an additional valuation methodology. In particular, we regress forecast 2024 and 2025 risk-adjusted ROE against price-to-book value multiples. We then apply this multiple to forecast 2023 book value to derive a year-end 2024 fair value estimate.

For Bradesco, key assumptions used in our residual income model include a long-term ROE of 16.5%, a cost of equity of 14.0%, and a perpetual growth rate of 6.0%.

Risks to Rating and Price Target

For Bradesco, as an Overweight-rated stock, risks are to the downside.

Downside risks include (i) more challenging than expected asset quality, never returning to past historical levels; (ii) policy moves that adversely impact growth or profitability; (iii) tougher competition from neobanks or public banks; (iv) worse-than-expected expense performance, among others.



Banco Bradesco: Summary of Financials

Danco Diadesco	. Guii		ı y Oı		allo	ais					
Income Statement - Annual	FY21A	FY22A	FY23E	FY24E	FY25E	Income Statement - Quarterly		1Q23A	2Q23A	3Q23A	4Q23E
Net interest income	63,980	66,383	65,634	72,314	78,881	Net interest income		16,653A	16,556A	15,859A	16,566
Non interest income	40,870	47,008	48,593	49,035	51,522	Non interest income		11,112A	12,466A	12,334A	12,681
Net revenues	104,850	113,391	114,227	121,349	130,403	Net revenues	-	27,765A	29,022A	28,193A	29,247
Provisions	(15,035)	(32,297)	(38, 184)	(32,666)	(32,119)	Provisions		(9,517)A(10,316)A	(9,188)A	(9,163)
Non interest expense	(49,654)	(53,453)	(55,046)	(57,261)	(59,721)	Non interest expense	(13,404)A(13,716)A(13,765)A	(14,161)
Employee costs	(21,397)	(23,405)	(24,598)	(25,458)	(26,476)	Employee costs		(6,031)A	(6,155)A	(6,206)A	(6,206)
Adj. PBT	39,957	27,772	21,069	31,423	38,562	Adj. PBT		4,883A	5,007A	5,256A	5,923
Income taxes	(13,478)	(6,758)	(2,374)	(7,249)	(10,026)	Income taxes		(499)A	(393)A	(534)A	(948)
Minority interest	(265)	(333)	(381)	(360)	(350)	Minority interest		(104)A	(96)A	(101)A	(80)
Adj. Net profit	25,843	20,633	18,314	23,814	28,186	Adj. Net profit	_	4,280A	4,518A	4,621A	4,895
D	0.70		4 70		0.05	B 4 4500		0.404			0.40
Reported EPS	2.79	2.03	1.72	2.24	2.65	Reported EPS		0.40A	0.42A	0.43A	0.46
Adj. EPS	2.79	2.03	1.72	2.24	2.65	Adj. EPS		0.40A	0.42A	0.43A	0.46
DPS	1.00	1.00	1.04	1.12	1.12	DPS		0.27A	0.27A	0.27A	0.23
Diluted shares outstanding	9,263	10,166	10,642	10,642	10,642	Diluted shares outstanding			10,642A	,	10,642
Balance Sheet	FY21A	FY22A	FY23E	FY24E	FY25E	Balance Sheet		1Q23A	2Q23A	3Q23A	4Q23E
Cash and cash equivalents	20,704	19,847	18,142	19,637	21,208	Cash and cash equivalents		,	19,414A	,	18,142
Net loans	467,989		477,558		563,811	Net loans	4			70,273A	
PP&E	11,759	11,753	12,224	14,893	15,944	PP&E	_	,	11,884A	,	12,224
LT investments	749,981		796,598		949,639	LT investments				77,169A	
Other assets	444,784	,	667,166	,	,	Other assets				54,479A	
Total assets	1,695,217	1,830,247	1,971,6872	2,155,8892	2,327,131	Total assets	1	,864,026A1	,884,020A1	,931,296A1	,971,687
Total deposits	572.790	503 186	629,572	700 986	757 065	Total deposits	E	.80	:01 7/7Δ6	612,915A	620 572
Borrowings	. ,	,	115,472	,	,	Borrowings		,	,	13,208A	,
Total liabilities	1,546,452	,	,		,	Total liabilities				.768,583A1	
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,000,020
	, ,	154 263	163 249	175 155	191 435	Shareholder equity	1	55 321A1	59 317A1	60 801A	163 249
Shareholder equity	147,121		163,249			Shareholder equity Total Liabilities and Shareholder Equity	_			60,801A	
Shareholder equity Total Liabilities and Shareholder Equi	147,121 ty <u>1,695,217</u> 1	1,830,247	1,971,6872	2,155,8892	2,327,131	Total Liabilities and Shareholder Equity	_	,864,026A1	,884,020A1	,931,296A1	,971,687
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share	147,121 ty <u>1,695,217</u> 15.18	1,830,247 14.50	1, 971,6872 15.34	2 ,155,8892 16.46	2, 327,131 17.99	Total Liabilities and Shareholder Equity Book Value Per Share	_	,864,026A1 14.59A	, 884,020A1 14.97A	, 931,296A1 15.11A	,971,687 15.34
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share	147,121 ty <u>1,695,217</u> 15.18 14.19	1,830,247 14.50 13.23	1,971,6872 15.34 13.45	2, 155,8892 16.46 14.56	2, 327,131 17.99 16.09	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share	1	,864,026A1 14.59A 12.67A	, 884,020A1 14.97A 13.07A	,931,296A1 15.11A 13.22A	, 971,687 15.34 13.45
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing	147,121 ty <mark>1,695,217</mark> 15.18 14.19 FY21A	1,830,247 14.50 13.23 FY22A	15.34 13.45 FY23E	2, 155,8892 16.46 14.56 FY24E	17.99 16.09 FY25E	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital	FY21A	,864,026A1 14.59A 12.67A FY22A	,884,020A1 14.97A 13.07A FY23E	,931,296A1 15.11A 13.22A FY24E	15.34 13.45 FY25E
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits	147,121 ty <u>1,695,217′</u> 15.18 14.19 FY21A 81.7%	14.50 13.23 FY22A 82.4%	15.34 13.45 FY23E 75.9%	2,155,8892 16.46 14.56 FY24E 74.4%	17.99 16.09 FY25E 74.5%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans	FY21A (8.8%)	,864,026A1 14.59A 12.67A FY22A (10.6%)	,884,020A1 14.97A 13.07A FY23E (11.0%)	,931,296A1 15.11A 13.22A FY24E (9.4%)	15.34 13.45 FY25E (9.3%)
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets	147,121 ty1,695,217 15.18 14.19 FY21A 81.7% 43.2%	1,830,247 14.50 13.23 FY22A 82.4% 43.4%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6%	2,327,131 17.99 16.09 FY25E 74.5% 40.8%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans	FY21A (8.8%) 3.4%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9%	15.34 13.45 FY25E (9.3%) 5.0%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets	147,121 ty 1,695,217' 15.18 14.19 FY21A 81.7% 43.2% 32.4%	1,830,247 14.50 13.23 FY22A 82.4% 43.4% 35.9%	15.34 13.45 FY23E 75.9% 41.5% 34.2%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs	FY21A (8.8%) 3.4% 316.8%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0%	1,830,247* 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4%	15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth	FY21A (8.8%) 3.4% 316.8% 54.1%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%)	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%)
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5%	1,830,247′ 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%)	147,121 ty 1,695,217' 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A	1,830,247′ 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%)	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin	147,121 ty 1,695,217' 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE)	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A 13.7%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA)	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 1.5%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A 13.7% 1.2%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 2.7%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5% 2.6%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 2.4%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE)	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 1.5% 20.0%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A 13.7% 1.2% 15.5%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 16.0%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 17.3%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 47.1%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5% 2.6% 48.2%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 40.4% 40.4% 40.4% 40.4%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3% 45.8%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate	FY21A (8.8%) 3.4% 316.8% 54.1% FY21A 17.8% 20.0% 33.7%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A 13.7% 1.2% 15.5% 24.3%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 16.0% 23.1%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 26.0%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 7.8%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 47.1% 6.8%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5% 42.5% 48.2% 6.8%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 40.4% 40.4% 6.8%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 45.8% 7.0%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 20.0% 33.7% 16.0%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A 13.7% 15.5% 24.3% 4.4%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3% (2.3%)	,331,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 16.0% 23.1% 9.2%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 26.0% 8.1%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 7.8% 6.3%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 6.8% 6.4%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 3.0% 6.2% 42.5% 42.5% 42.5% 48.2% 6.8% 6.0%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 40.4% 47.2% 6.8% 5.9%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 45.8% 7.0% 5.8%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate	FY21A (8.8%) 3.4% 316.8% 54.1% FY21A 17.8% 20.0% 33.7%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A 13.7% 1.2% 15.5% 24.3%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3%	,931,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 16.0% 23.1%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 26.0%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 7.8%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 47.1% 6.8%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5% 42.5% 48.2% 6.8%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 40.4% 40.4% 6.8%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 45.8% 7.0%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 20.0% 33.7% 16.0% 3.1%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A 13.7% 15.5% 24.3% 4.4% 8.0%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3% (2.3%) 7.7%	,331,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 16.0% 23.1% 9.2% 9.3%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 26.0% 8.1% 7.9%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA	147,121 ty 1,695,217' 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 7.8% 6.3% 2.9%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 47.1% 6.8% 6.4% 2.1%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 3.0% FY23E 9.2% 42.5% 42.5% 48.2% 6.8% 6.0% 1.9%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 47.2% 6.8% 5.9% 2.3%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3% 45.8% 7.0% 5.8% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 20.0% 33.7% 16.0% 3.1%	864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 63.1% 12.4% FY22A 13.7% 1.55% 24.3% 4.4% 8.0%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3% (2.3%) 7.7%	,331,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 16.0% 23.1% 9.2% 9.3%	971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 17.3% 26.0% 8.1% 7.9%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA	147,121 ty 1,695,217' 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 7.8% 6.3% 2.9%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 47.1% 6.8% 6.4% 2.1%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5% 42.5% 6.6% 6.0% 1.9%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 2.4% 47.2% 6.8% 5.9% 2.3%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3% 45.8% 45.8% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth PRWA y/y growth Deposits y/y growth	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 20.0% 33.7% 16.0% 3.1% 11.0% 4.3%	864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 63.1% 12.4% FY22A 13.7% 1.55% 24.3% 4.4% 8.0%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3% (2.3%) 7.7%	,331,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 23.1% 9.3% 9.3% 11.3%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 17.3% 26.0% 8.1% 7.9%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. IEA	147,121 ty 1,695,217' 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 6.3% 2.9%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 6.4% 2.1% 962,469 708,145	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5% 2.6% 6.8% 6.0% 1.9%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 2.4% 47.2% 6.8% 5.9% 2.3%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3% 45.8% 7.0% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 20.0% 33.7% 16.0% 3.1%	864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 63.1% 12.4% FY22A 13.7% 1.55% 24.3% 4.4% 8.0%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3% (2.3%) 7.7%	,331,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 16.0% 23.1% 9.2% 9.3%	971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 17.3% 26.0% 8.1% 7.9%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA	147,121 ty 1,695,217' 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 7.8% 6.3% 2.9%	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 6.4% 2.1% 962,469 708,145	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5% 42.5% 6.6% 6.0% 1.9%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% FY24E 9.2% 40.4% 2.4% 47.2% 6.8% 5.9% 2.3%	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3% 45.8% 7.0% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth PWA y/y growth Deposits y/y growth Net interest income y/y growth	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 20.0% 33.7% 16.0% 3.1% 11.0% 4.3% 1.3%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 63.1% 12.4% FY22A 13.7% 1.2% 15.5% 24.3% 8.0% 1.9% 3.6% 3.8%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% (2.3%) 7.7% 1.5% 6.1% (1.1%)	,331,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 16.0% 9.3% 9.3% 11.3% 10.2%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 26.0% 8.1% 7.9%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. IEA Gross Loans	147,121 ty 1,695,217' 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 6.3% 2.9% 906,009 636,388 513,225	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 2.7% 6.8% 6.4% 2.1% 962,469 708,145 546,332	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.8% 3.0% FY23E 9.2% 42.5% 2.6% 6.8% 6.0% 1.9% 978,7271 716,003 536,364	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% 40.4% 2.4% 47.2% 6.8% 5.9% 2.3% 1,031,8941 744,065 575,804	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3% 45.8% 7.0% 5.8% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth PRWA y/y growth Deposits y/y growth Net interest income y/y growth IE assets/Assets	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 17.8% 1.5% 20.0% 33.7% 16.0% 3.1% 11.0% 4.3% 1.3%	,864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 63.1% 12.4% FY22A 13.7% 1.2% 15.5% 24.3% 4.4% 8.0% 1.9% 3.6% 3.8%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% (2.3%) 7.7% 6.1% (1.1%)	,31,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 16.0% 9.3% 9.3% 11.3% 10.2%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 26.0% 8.1% 7.9% 16.6% 8.0% 9.1%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. IEA Gross Loans P/BV (x)	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 6.3% 2.9% 906,009 636,388 513,225	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 2.7% 47.1% 6.8% 6.4% 2.1%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.2% 3.0% FY23E 9.2% 42.5% 2.6% 48.2% 6.8% 6.0% 1.9%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% 40.4% 2.4% 47.2% 6.8% 5.9% 2.3% 1,031,8941 744,065 575,804	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3% 45.8% 7.0% 5.8% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth Peposits y/y growth Net interest income y/y growth IE assets/Assets LLP/Loans	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 1.5% 20.0% 33.7% 16.0% 3.1% 11.0% 4.3% 1.3%	364,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% 15.5% 24.3% 4.4% 8.0% 1.9% 3.6% 3.8% 40.2% (5.1%)	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3% (2.3%) 7.7% (1.1%) 37.7% (5.9%)	,31,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 16.0% 23.1% 9.2% 9.3% 11.3% 10.2% 36.1% (4.9%)	971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 17.3% 26.0% 8.1% 7.9% 16.6% 8.0% 9.1% 35.3% (4.5%)
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. IEA Gross Loans P/BV (x) Adj. P/E (x)	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 6.3% 2.9% 906,009 636,388 513,225 1.1 5.8	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 2.7% 47.1% 6.8% 6.4% 2.1% 962,469 708,145 546,332 1.1 8.0	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.2% 3.0% FY23E 9.2% 42.5% 2.6% 48.2% 6.8% 6.0% 1.9% 978,7271 716,003 536,364 1.1 9.5	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% 6.8% 5.9% 2.3% 1,031,8941 744,065 575,804 1.0 7.3	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% 7.0% 45.8% 7.0% 5.8% 2.4% 1,167,297 791,467 621,868	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth Deposits y/y growth Net interest income y/y growth IE assets/Assets LLP/Loans Equity/Assets	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% 1.5% 20.0% 33.7% 16.0% 3.1% 11.0% 4.3% 1.3% 38.0% (2.8%) 8.6%	.864,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% FY22A 13.7% 1.2% 15.5% 24.3% 4.4% 8.0% 1.9% 3.6% 3.8% 40.2% (5.1%) 8.5%	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3% (2.3%) 7.7% (1.1%) 37.7% (5.9%) 8.4%	,31,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 16.0% 23.1% 9.2% 9.3% 11.3% 10.2% 36.1% (4.9%) 8.2%	,971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 26.0% 8.1% 7.9% 16.6% 8.0% 9.1% 35.3% (4.5%) 8.2%
Shareholder equity Total Liabilities and Shareholder Equi Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. IEA Gross Loans P/BV (x)	147,121 ty 1,695,217 15.18 14.19 FY21A 81.7% 43.2% 32.4% 37.0% 3.5% FY21A 8.7% 39.0% 2.4% 47.4% 6.3% 2.9% 906,009 636,388 513,225	1,830,247' 14.50 13.23 FY22A 82.4% 43.4% 35.9% 35.4% 3.3% FY22A 9.6% 41.5% 2.7% 47.1% 6.8% 6.4% 2.1%	1,971,6872 15.34 13.45 FY23E 75.9% 41.5% 34.2% 34.2% 3.0% FY23E 9.2% 42.5% 2.6% 48.2% 6.8% 6.0% 1.9%	2,155,8892 16.46 14.56 FY24E 74.4% 40.6% 32.4% 35.4% 2.8% 40.4% 2.4% 47.2% 6.8% 5.9% 2.3% 1,031,8941 744,065 575,804	2,327,131 17.99 16.09 FY25E 74.5% 40.8% 32.1% 35.5% 2.8% FY25E 9.3% 39.5% 2.3% 45.8% 7.0% 5.8% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth Peposits y/y growth Net interest income y/y growth IE assets/Assets LLP/Loans	FY21A (8.8%) 3.4% 316.8% 54.1% 13.7% FY21A 1.5% 20.0% 33.7% 16.0% 3.1% 11.0% 4.3% 1.3%	364,026A1 14.59A 12.67A FY22A (10.6%) 5.2% 225.7% 63.1% 12.4% 15.5% 24.3% 4.4% 8.0% 1.9% 3.6% 3.8% 40.2% (5.1%)	,884,020A1 14.97A 13.07A FY23E (11.0%) 7.5% 170.0% 42.4% 13.1% FY23E 11.5% 1.0% 13.2% 11.3% (2.3%) 7.7% (1.1%) 37.7% (5.9%)	,31,296A1 15.11A 13.22A FY24E (9.4%) 5.9% 152.4% (15.8%) 13.1% FY24E 14.1% 1.2% 16.0% 23.1% 9.2% 9.3% 11.3% 10.2%	971,687 15.34 13.45 FY25E (9.3%) 5.0% 172.0% (7.4%) 12.5% FY25E 15.4% 1.3% 17.3% 26.0% 8.1% 7.9% 16.6% 8.0% 9.1% 35.3% (4.5%)

Source: Company reports and J.P. Morgan estimates.

Note: R\$ in millions (except per-share data). Fiscal year ends Dec



Banco Bradesco ADR: Summary of Financials

		. ••		~. ,	.	ilailoiaio					
Income Statement - Annual	FY21A	FY22A	FY23E	FY24E	FY25E	Income Statement - Quarterly		1Q23A	2Q23A	3Q23E	4Q23E
Net interest income	11,834	12,923	13,795	14,547	15,016	Net interest income		3,247A	3,331A	3,553	3,664
Non interest income	7,557	9,152	9,974	9,543	9,489	Non interest income	-	2,167A	2,508A	2,604	2,695
Net revenues	19,392	22,075	23,768	24,090	24,505	Net revenues		5,414A	5,839A	6,157	6,359
Provisions	(2,774)	(6,223)	(7,935)	(6,110)	(5,639)	Provisions		,	(2,075)A	(2,052)	(1,952)
Non interest expense	(9,185)	(10,397)	, ,	(11,597)	(11,629)	Non interest expense		,	(2,759)A	(2,993)	(3,050)
Employee costs	(3,958)	(4,553)	(5,046)	(5,106)	(5,105)	Employee costs		,	(1,238)A	(1,323)	(1,309)
Adj. PBT	7,395	5,481	4,428	6,382	7,237	Adj. PBT		952A	1,007A	1,112	1,356
Income taxes	(2,495) (49)	(1,351)	(480)	(1,401) (70)	(1,954) (65)	Income taxes		(97)A (20)A	(79)A (19)A	(100)	(203)
Minority interest	\ /	(65) 4,056	(73)	\ /		Minority interest	-	835A	909A	(17) 995	(17) 1,136
Adj. Net profit	4,782	4,000	3,875	4,911	5,218	Adj. Net profit		630A	909A	990	1,130
Reported EPS	0.49	0.40	0.36	0.46	0.49	Reported EPS		0.08A	0.09A	0.09	0.11
Adj. EPS	0.49	0.40	0.36	0.46	0.49	Adj. EPS		0.08A	0.09A	0.09	0.11
DPS	0.18	0.19	0.21	0.23	0.22	DPS		0.05A	0.05A	0.05	0.05
Diluted shares outstanding	9,690	10,166	10,642	10,642	10,642	Diluted shares outstanding		10,642A		10,642	10,642
Balance Sheet	FY21A	FY22A	FY23E	FY24E	FY25E	Balance Sheet		1Q23A	2Q23A	3Q23E	4Q23E
Cash and cash equivalents	3,716	3,754	4,122	4,125	4,325	Cash and cash equivalents		3,900A	4,007A	4,213	4,122
Net loans	83,999	92,422	101,661	101,562	107,509	Net loans		94,108A	95,555A	101,745	101,661
PP&E	2,111	2,223	2,690	3,006	3,117	PP&E		2,377A	2,453A	2,665	2,690
LT investments	134,614	147,524	169,858	173,341	181,755	LT investments	1	48,793A	163,520A	172,766	169,858
Other assets	117,377	138,525	168,343	167,979	176,854	Other assets	1	55,385A	160,542A	169,986	168,343
Total assets	304,274	346,211	405,050	408,532	429,049	Total assets	3	865,549A	388,887A	410,995	405,050
Total deposits	102,810	112,208	107 204	121 065	137,427	Total deposits		115 5071	122,144A	120 207	107 201
Borrowings	20,376	22.533	25,353	25,372	26,604	Borrowings			24,647A	25,914	25,353
Total liabilities	277,572	,	,	,	393,419	Total liabilities		,	355,617A	,	,
i Utai ilabilities	211,512	310,700	3/1,114	314,103	JJJ,415	Total liabilities)J4,1JUA	333,011A	370,133	J/ 1, 114
Sharahaldar aquity	26.407	20 181	33 556	33 308	35 262	Shareholder equity		30 460 4	32 8851	34 400	33 556
Shareholder equity	26,407 304 274	29,181	33,556	33,398	35,262	Shareholder equity	-		32,885A	34,400 410,995	33,556
Total Liabilities and Shareholder Equity	304,274	346,211	405,050	408,532	429,049	Total Liabilities and Shareholder Equity	3	865,549A	388,887A	410,995	405,050
Total Liabilities and Shareholder Equity Book Value Per Share		,				Total Liabilities and Shareholder Equity Book Value Per Share	3				
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share	304,274 2.73	346,211 2.74	405,050 3.15	408,532 3.14	429,049 3.31	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share	=	2.86A -	3.09A -	410,995 3.23	405,050 3.15
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing	304,274 2.73 - FY21A	346,211 2.74 - FY22A	405,050 3.15 - FY23E	408,532 3.14 - FY24E	3.31 FY25E	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital	FY21A	2.86A - FY22A	3.09A - FY23E	410,995 3.23 FY24E	3.15 FY25E
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits	2.73 FY21A 81.7%	346,211 2.74 - FY22A 82.4%	3.15 - FY23E 79.8%	3.14 - FY24E 77.5%	3.31 FY25E 78.2%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans	FY21A (8.8%)	2.86A - FY22A (10.6%)	3.09A - FY23E (11.1%)	3.23 FY24E (10.3%)	3.15 FY25E (9.4%)
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets	2.73 FY21A 81.7% 43.2%	2.74 FY22A 82.4% 43.4%	3.15 - FY23E 79.8% 42.2%	3.14 - FY24E 77.5% 42.2%	3.31 FY25E 78.2% 42.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans	FY21A (8.8%) 3.4%	2.86A 2.86A - FY22A (10.6%) 5.2%	3.09A - FY23E (11.1%) 6.4%	3.23 FY24E (10.3%) 5.9%	3.15 FY25E (9.4%) 5.1%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets	2.73 - FY21A 81.7% 43.2% 28.7%	2.74 - FY22A 82.4% 43.4% 30.0%	3.15 - FY23E 79.8% 42.2% 29.0%	3.14 	3.31 FY25E 78.2% 42.4% 27.7%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs	FY21A (8.8%) 3.4% 319.2%	2.86A 2.86A - FY22A (10.6%) 5.2% 225.1%	3.09A 	3.23 FY24E (10.3%) 5.9% 174.5%	3.15 FY25E (9.4%) 5.1% 179.8%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities	2.73 FY21A 81.7% 43.2% 28.7% 37.0%	2.74 FY22A 82.4% 43.4% 30.0% 35.4%	3.15 FY23E 79.8% 42.2% 29.0% 34.3%	3.14 FY24E 77.5% 42.2% 28.0% 35.0%	3.31 FY25E 78.2% 42.4% 27.7% 34.9%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth	FY21A (8.8%) 3.4% 319.2% 43.5%	2.86A 	3.09A FY23E (11.1%) 6.4% 186.8% 36.1%	3.23 FY24E (10.3%) 5.9% 174.5% (8.4%)	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%)
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5%	346,211 2.74 FY22A 82.4% 43.4% 30.0% 35.4% 3.3%	3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0%	3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8%	3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7%	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4%	3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9%	3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%)	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A	346,211 2.74 FY22A 82.4% 43.4% 30.0% 35.4% 3.3% FY22A	3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E	3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E	3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%)	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E	3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0%	346,211 2.74 FY22A 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9%	3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5%	3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5%	3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE)	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7%	2.86A 	3.09A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 39.0%	346,211 2.74 FY22A 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0%	408,532 3.14 	429,049 3.31 	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA)	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 1.5%	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 1.0%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 39.0% 2.4%	346,211 2.74 FY22A 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 2.8%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 2.7%	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3%	429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE)	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 1.5% 20.0%	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 1.0% 13.6%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 39.0% 2.4% 47.4%	346,211 2.74 FY22A 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 2.8% 47.1%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 42.0% 48.0%	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 48.1%	429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 1.5% 20.0% 33.7%	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2% 15.5% 24.6%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 1.0% 13.6% 10.8%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7% 21.9%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 17.1% 27.0%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 39.0% 2.4% 47.4% 7.5%	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 47.1% 7.0%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 42.0% 42.0% 42.0% 42.0% 42.0% 42.0% 42.0% 43.0% 43.0% 44.0% 44.0% 45.0% 46.0% 47.0% 47.0% 47.0% 48.	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 48.1% 6.5%	429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 1.5% 20.0% 33.7% 8.1%	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2% 24.6% 10.0%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 10.0% 10.8% 10.0%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 16.7% 21.9% (0.1%)	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 17.1% 27.0% 5.9%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 39.0% 47.4% 7.5% 6.2%	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 47.1% 7.0% 6.8%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 42.0% 42.0% 63.0%	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% 6.5% 9.5% 48.1% 6.5% 5.9%	429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8% 5.9%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 1.5% 20.0% 33.7%	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2% 15.5% 24.6%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 1.0% 13.6% 10.8%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7% 21.9%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 17.1% 27.0%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 39.0% 2.4% 47.4% 7.5%	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 47.1% 7.0%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 42.0% 42.0% 42.0% 42.0% 42.0% 42.0% 42.0% 43.0% 43.0% 44.0% 44.0% 45.0% 46.0% 47.0% 47.0% 47.0% 48.	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 48.1% 6.5%	429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 20.0% 33.7% 8.1% (4.0%)	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 15.5% 24.6% 10.0% 13.8%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 13.6% 10.8% 10.0% 17.0%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 16.7% (0.1%) 0.9%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1% 27.0% 5.9% 5.0%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 2.4% 47.4% 7.5% 6.2% 2.8%	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 47.1% 7.0% 6.8% 2.3%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 48.0% 7.0% 6.3% 2.0%	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 48.1% 6.5% 5.9% 2.4%	### 429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 47.5% 6.8% 5.9% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 20.0% 33.7% 8.1% (4.0%)	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 15.5% 24.6% 10.0% 13.8%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 10.6% 10.0% 17.0% 10.2%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 16.7% (0.1%) 0.9%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1% 27.0% 5.9% 5.0%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 47.4% 7.5% 6.2% 2.8%	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 2.8% 47.1% 7.0% 6.8% 2.3%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 48.0% 7.0% 6.3% 2.0%	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 48.1% 6.5% 5.9% 2.4%	429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8% 5.9% 2.4%	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth Peposits y/y growth	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 20.0% 33.7% 8.1% (4.0%)	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 15.5% 24.6% 10.0% 13.8% 7.4% 9.1%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 10.6% 10.6% 10.0% 17.0% 10.2% 13.5%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7% 21.9% (0.1%) 0.9% 2.9%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1% 27.0% 5.9% 5.0%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. RWA Avg. IEA	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 47.4% 7.5% 6.2% 2.8% 168,282 108,293	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 2.8% 47.1% 7.0% 6.8% 2.3%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 48.0% 7.0% 6.3% 2.0% 193,158 137,063	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 48.1% 6.5% 5.9% 2.4% 203,395 142,628	### 429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8% 5.9% 2.4% 217,976 144,191	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 20.0% 33.7% 8.1% (4.0%)	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 15.5% 24.6% 10.0% 13.8%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 10.6% 10.0% 17.0% 10.2%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 16.7% (0.1%) 0.9%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1% 27.0% 5.9% 5.0%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 47.4% 7.5% 6.2% 2.8%	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 2.8% 47.1% 7.0% 6.8% 2.3%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 48.0% 7.0% 6.3% 2.0% 193,158 137,063	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 48.1% 6.5% 5.9% 2.4%	### 429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8% 5.9% 2.4% 217,976 144,191	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth Peposits y/y growth	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 20.0% 33.7% 8.1% (4.0%)	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 15.5% 24.6% 10.0% 13.8% 7.4% 9.1%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 10.6% 10.6% 10.0% 17.0% 10.2% 13.5%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7% 21.9% (0.1%) 0.9% 2.9%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1% 27.0% 5.9% 5.0%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. RWA Avg. IEA	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 47.4% 7.5% 6.2% 2.8% 168,282 108,293	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 2.8% 47.1% 7.0% 6.8% 2.3%	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 48.0% 7.0% 6.3% 2.0% 193,158 137,063	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 48.1% 6.5% 5.9% 2.4% 203,395 142,628	### 429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8% 5.9% 2.4% 217,976 144,191	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth Peposits y/y growth Net interest income y/y growth	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 1.5% 20.0% 8.1% (4.0%) 33.7% (2.8%) (1.9%)	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2% 10.0% 13.8% 7.4% 9.1% 9.2%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 1.0% 13.6% 10.8% 10.0% 17.0% 10.2% 13.5% 6.7%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7% 21.9% (0.1%) 0.9% 0.9% 5.5%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1% 5.9% 5.0% 13.4% 4.9% 3.2%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. IEA Gross Loans	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 39.0% 2.4% 47.4% 6.2% 2.8% 168,282 108,293 92,119	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% FY22A 9.9% 41.5% 2.8% 6.8% 2.3% 177,452 119,951 103,345	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% 3.0% FY23E 9.5% 42.0% 6.3% 2.7% 6.3% 2.0% 193,158 137,063 114,330	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% 2.8% FY24E 9.5% 39.6% 2.3% 6.5% 5.9% 2.4% 203,395 142,628 113,228	429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8% 5.9% 2.4% 217,976 144,191 118,724	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth Deposits y/y growth Net interest income y/y growth IE assets/Assets	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 1.5% 20.0% 8.1% (4.0%) 33.7% (2.8%) (1.9%)	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2% 10.0% 13.8% 7.4% 9.1% 9.2%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% FY23E 12.4% 1.0% 13.6% 10.8% 10.8% 17.0% 13.5% 6.7% 36.5%	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7% (0.1%) 0.9% 0.9% 5.5% 35.1%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1% 27.0% 5.9% 5.0% 13.4% 4.9% 3.2%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. IEA Gross Loans P/BV (x)	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.55% FY21A 9.0% 39.0% 2.4% 47.4% 7.5% 6.2% 2.8% 168,282 108,293 92,119	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% 41.5% 2.8% 47.1% 7.0% 6.8% 2.3% 177,452 119,951 103,345	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% FY23E 9.5% 42.0% 2.7% 48.0% 7.0% 6.3% 2.0%	408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% FY24E 9.5% 39.6% 2.3% 48.1% 6.5% 5.9% 2.4% 203,395 142,628 113,228	429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8% 5.9% 2.4% 217,976 144,191 118,724	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth Deposits y/y growth Net interest income y/y growth IE assets/Assets LLP/Loans	FY21A (8.8%) 3.4% 319.2% 43.5% FY21A 17.7% 1.5% 20.0% 33.7% (4.0%) 3.4% (2.8%) (1.9%) 34.9% (3.1%)	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2% 15.5% 24.6% 10.0% 13.8% 7.4% 9.1% 9.2%	388,887A 3.09A FY23E (11.1%) 6.4% 186.8% 36.1% 12.9% 10.9% 10.0% 10.0% 17.0% 10.2% 13.5% 6.7% 36.5% (7.3%)	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7% 21.9% (0.1%) 0.9% 5.5% 35.1% (5.4%)	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 1.2% 17.1% 27.0% 5.9% 5.0% 13.4% 4.9% 3.2%
Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Balance Sheet Gearing Loans/Deposits Investment/Assets Loan/Assets Customer deposits/Liabilities LT debt/Liabilities Ratio Analysis (%) Net interest margin Non interest income/Net revenue Non interest income/Avg. Assets Efficiency ratio Leverage ratio Revenue/Assets RORWA Avg. RWA Avg. RWA Avg. IEA Gross Loans P/BV (x) Adj. P/E (x)	304,274 2.73 FY21A 81.7% 43.2% 28.7% 37.0% 3.5% FY21A 9.0% 39.0% 2.4% 47.4% 7.5% 6.2% 2.8% 168,282 108,293 92,119 1.2 6.7	346,211 2.74 82.4% 43.4% 30.0% 35.4% 3.3% 41.5% 2.8% 47.1% 7.0% 6.8% 2.3% 177,452 119,951 103,345 1.2 8.3	405,050 3.15 FY23E 79.8% 42.2% 29.0% 34.3% FY23E 9.5% 42.0% 2.7% 48.0% 7.0% 6.3% 2.0% 193,158 137,063 114,330 1.1 9.1	### 408,532 3.14 FY24E 77.5% 42.2% 28.0% 35.0% FY24E 9.5% 39.6% 2.3% 48.1% 6.5% 5.9% 2.4% 203,395 142,628 113,228 1.1 7.2	### 429,049 3.31 FY25E 78.2% 42.4% 27.7% 34.9% 2.8% FY25E 9.3% 38.7% 2.3% 47.5% 6.8% 5.9% 2.4% 217,976 144,191 118,724 1.0 6.8	Total Liabilities and Shareholder Equity Book Value Per Share Tangible Book Value Per Share Asset Quality/Capital Loan loss reserves/Loans NPLs/Loans Loan loss reserves/NPLs NPL y/y growth Tier 1 ratio Ratio Analysis (%) Return on equity (ROE) Return on assets (ROA) Return on tangible equity (ROTE) Tax rate Net loans y/y growth Assets y/y growth RWA y/y growth Deposits y/y growth Net interest income y/y growth IE assets/Assets LLP/Loans Equity/Assets	FY21A (8.8%) 3.4% 319.2% 43.5% 13.7% FY21A 17.7% 20.0% 33.7% (4.0%) 3.4% (2.8%) (1.9%) 34.9% (3.1%) 8.7%	2.86A FY22A (10.6%) 5.2% 225.1% 71.9% 12.4% FY22A 14.6% 1.2% 15.5% 24.6% 10.0% 13.8% 7.4% 9.1% 9.2% 36.9% (6.4%) 8.5%	388,887A 3.09A	410,995 3.23 FY24E (10.3%) 5.9% 174.5% (8.4%) 13.0% FY24E 14.7% 1.2% 16.7% 21.9% (0.1%) 0.9% 2.9% 5.5% 35.1% (5.4%) 8.2%	405,050 3.15 FY25E (9.4%) 5.1% 179.8% (9.1%) 12.4% FY25E 15.2% 17.1% 27.0% 5.9% 5.0% 13.4% 4.9% 3.2% 34.4% (4.9%) 8.2%

Source: Company reports and J.P. Morgan estimates.

Note: \$ in millions (except per-share data). Fiscal year ends Dec



Analyst Certification: The Research Analyst(s) denoted by an "AC" on the cover of this report certifies (or, where multiple Research Analysts are primarily responsible for this report, the Research Analyst denoted by an "AC" on the cover or within the document individually certifies, with respect to each security or issuer that the Research Analyst covers in this research) that: (1) all of the views expressed in this report accurately reflect the Research Analyst's personal views about any and all of the subject securities or issuers; and (2) no part of any of the Research Analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the Research Analyst(s) in this report. For all Korea-based Research Analysts listed on the front cover, if applicable, they also certify, as per KOFIA requirements, that the Research Analyst's analysis was made in good faith and that the views reflect the Research Analyst's own opinion, without undue influence or intervention.

All authors named within this report are Research Analysts who produce independent research unless otherwise specified. In Europe, Sector Specialists (Sales and Trading) may be shown on this report as contacts but are not authors of the report or part of the Research Department.

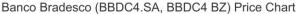
Pursuant to Brazilian regulation, the primary research analyst signing this report certifies that (1) all recommendations expressed herein by the research analyst reflect the analyst's sole and exclusive personal views and have been independently produced, including from the J.P. Morgan entity in which the research analyst is an employee; and (2) the research analyst responsible for or any research analyst involved in the preparation of this report will disclose herein any situation that impacts or that could impact the impartiality of the recommendations contained in this report or that constitutes or may constitute a conflict of interest.

Important Disclosures

- Market Maker: J.P. Morgan Securities LLC makes a market in the securities of Banco Bradesco ADR.
- Market Maker/ Liquidity Provider: J.P. Morgan is a market maker and/or liquidity provider in the financial instruments of/related to Banco Bradesco, Banco Bradesco ADR.
- Client: J.P. Morgan currently has, or had within the past 12 months, the following entity(ies) as clients: Banco Bradesco, Banco Bradesco ADR.
- Client/Non-Investment Banking, Securities-Related: J.P. Morgan currently has, or had within the past 12 months, the following entity(ies) as clients, and the services provided were non-investment-banking, securities-related: Banco Bradesco, Banco Bradesco ADR.
- Client/Non-Securities-Related: J.P. Morgan currently has, or had within the past 12 months, the following entity(ies) as clients, and the services provided were non-securities-related: Banco Bradesco, Banco Bradesco ADR.
- Potential Investment Banking Compensation: J.P. Morgan expects to receive, or intends to seek, compensation for investment banking services in the next three months from Banco Bradesco, Banco Bradesco ADR.
- Non-Investment Banking Compensation Received: J.P. Morgan has received compensation in the past 12 months for products or services other than investment banking from Banco Bradesco, Banco Bradesco ADR.
- Debt Position: J.P. Morgan may hold a position in the debt securities of Banco Bradesco, Banco Bradesco ADR, if any.

Company-Specific Disclosures: Important disclosures, including price charts and credit opinion history tables, are available for compendium reports and all J.P. Morgan—covered companies, and certain non-covered companies, by visiting https://www.jpmm.com/research/disclosures, calling 1-800-477-0406, or e-mailing research.disclosure.inquiries@jpmorgan.com with your request.



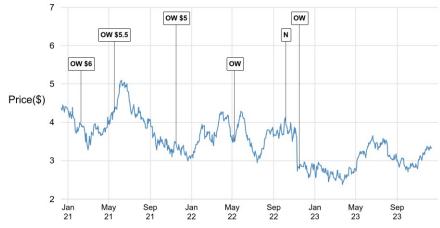




Date	Rating	Price (R\$)	Price Target (R\$)
14-Jan-21	OW	26.68	31
08-Feb-21	OW	25.87	34
18-May-21	OW	25.00	33
09-Aug-21	OW	23.71	32
17-Nov-21	OW	20.66	29
21-Feb-22	OW	21.31	27
09-May-22	OW	18.10	23
15-Aug-22	OW	19.53	22
07-Oct-22	N	20.97	22
16-Nov-22	OW	15.16	21
13-Feb-23	OW	12.67	19
05-Jul-23	OW	16.54	18
06-Aug-23	OW	15.45	20
17-Nov-23	OW	15.57	19

Source: Bloomberg Finance L.P. and J.P. Morgan; price data adjusted for stock splits and dividends. Initiated coverage Oct 30, 2014. All share prices are as of market close on the previous business day.

Banco Bradesco ADR (BBD, BBD US) Price Chart



Date	Rating	Price (\$)	Price Target (\$)
08-Feb-21	OW	4.00	6
18-May-21	OW	4.26	5.5
17-Nov-21	OW	3.45	5
09-May-22	OW	3.55	
07-Oct-22	N	4.04	
16-Nov-22	OW	2.81	

Source: Bloomberg Finance L.P. and J.P. Morgan; price data adjusted for stock splits and dividends. Initiated coverage Oct 30, 2014. All share prices are as of market close on the previous business day.

The chart(s) show J.P. Morgan's continuing coverage of the stocks; the current analysts may or may not have covered it over the entire period. J.P. Morgan ratings or designations: OW = Overweight, N= Neutral, UW = Underweight, NR = Not Rated

Explanation of Equity Research Ratings, Designations and Analyst(s) Coverage Universe:

J.P. Morgan uses the following rating system: Overweight [Over the next six to twelve months, we expect this stock will outperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Neutral [Over the next six to twelve months, we expect this stock will perform in line with the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Underweight [Over the next six to twelve months, we expect this stock will underperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Not Rated (NR): J.P. Morgan has removed the rating and, if applicable, the price target, for this stock because of either a lack of a sufficient fundamental basis or for legal, regulatory or policy reasons. The previous rating and, if applicable, the price target, no longer should be relied upon. An NR designation is not a recommendation or a rating. In our Asia (ex-Australia and ex-India) and U.K. small- and mid-cap equity research, each stock's expected total return is compared to the expected total return of a benchmark country market index, not to those analysts' coverage universe. If it does not appear in the Important Disclosures section of this report, the certifying analyst's coverage universe can be found on J.P. Morgan's research website, https://www.jpmorganmarkets.com.

Coverage Universe: Fernandes, Yuri R: B3 (B3SA3.SA), BCI (BCI.SN), BTG (BPAC11.SA), Banco ABC (ABCB4.SA), Banco Bradesco (BBDC4.SA), Banco Bradesco ADR (BBD), Banco Macro (BMA), Banco Santander Chile (BSAC), Banco de Chile (BCH), Banco do Brasil (BBAS3.SA), Bancolombia (BIC_p1.CN), Bancolombia ADR (CIB), Banorte (GFNORTEO.MX), Banrisul (BRSR6.SA), Bolsa Mexicana (BOLSAA.MX), Cielo (CIEL3.SA), Credicorp (BAP), DLocal (DLO), Gentera (GENTERA.MX), Grupo Aval (GAA_p.CN), Grupo Aval ADR (AVAL), Grupo Financiero Galicia (GGAL), Grupo Financiero Inbursa (GFINBURO.MX), IFS (IFS.LM), IFS US (IFS), ITAUSA (ITSA4.SA), Inter (INTR), Inter - BDR (INBR32.SA), Itau Chile (ITAUCL.SN), Itau Chile ADR (ITCL), Itau Unibanco (ITUB4.SA), Itau Unibanco ADR



(ITUB), Nubank (NU), PagSeguro (PAGS), Patria Investments (PAX), Regional (RA.MX), Santander Brasil (SANB11.SA), Santander Brasil ADR (BSBR), Stone (STNE), Supervielle (SUPV), Vinci Partners (VINP), XP (XP), XP - BDR (XPBR31.SA)

J.P. Morgan Equity Research Ratings Distribution, as of October 07, 2023

	Overweight (buy)	Neutral (hold)	Underweight (sell)
J.P. Morgan Global Equity Research Coverage*	47%	39%	14%
IB clients**	47%	45%	33%
JPMS Equity Research Coverage*	46%	41%	13%
IB clients**	65%	64%	51%

*Please note that the percentages may not add to 100% because of rounding.

For purposes of FINRA ratings distribution rules only, our Overweight rating falls into a buy rating category; our Neutral rating falls into a hold rating category; and our Underweight rating falls into a sell rating category. Please note that stocks with an NR designation are not included in the table above. This information is current as of the end of the most recent calendar quarter.

Equity Valuation and Risks: For valuation methodology and risks associated with covered companies or price targets for covered companies, please see the most recent company-specific research report at http://www.jpmorganmarkets.com, contact the primary analyst or your J.P. Morgan representative, or email research.disclosure.inquiries@jpmorgan.com. For material information about the proprietary models used, please see the Summary of Financials in company-specific research reports and the Company Tearsheets, which are available to download on the company pages of our client website, http://www.jpmorganmarkets.com. This report also sets out within it the material underlying assumptions used.

A history of J.P. Morgan investment recommendations disseminated during the preceding 12 months can be accessed on the Research & Commentary page of http://www.jpmorganmarkets.com where you can also search by analyst name, sector or financial instrument.

Analysts' Compensation: The research analysts responsible for the preparation of this report receive compensation based upon various factors, including the quality and accuracy of research, client feedback, competitive factors, and overall firm revenues.

Registration of non-US Analysts: Unless otherwise noted, the non-US analysts listed on the front of this report are employees of non-US affiliates of J.P. Morgan Securities LLC, may not be registered as research analysts under FINRA rules, may not be associated persons of J.P. Morgan Securities LLC, and may not be subject to FINRA Rule 2241 or 2242 restrictions on communications with covered companies, public appearances, and trading securities held by a research analyst account.

Other Disclosures

J.P. Morgan is a marketing name for investment banking businesses of JPMorgan Chase & Co. and its subsidiaries and affiliates worldwide.

UK MIFID FICC research unbundling exemption: UK clients should refer to <u>UK MIFID Research Unbundling exemption</u> for details of JPMorgan's implementation of the FICC research exemption and guidance on relevant FICC research categorisation.

All research material made available to clients are simultaneously available on our client website, J.P. Morgan Markets, unless specifically permitted by relevant laws. Not all research content is redistributed, e-mailed or made available to third-party aggregators. For all research material available on a particular stock, please contact your sales representative.

Any long form nomenclature for references to China; Hong Kong; Taiwan; and Macau within this research material are Mainland China; Hong Kong SAR (China); Taiwan (China); and Macau SAR (China).

J.P. Morgan Research may, from time to time, write on issuers or securities targeted by economic or financial sanctions imposed or administered by the governmental authorities of the U.S., EU, UK or other relevant jurisdictions (Sanctioned Securities). Nothing in this report is intended to be read or construed as encouraging, facilitating, promoting or otherwise approving investment or dealing in such Sanctioned Securities. Clients should be aware of their own legal and compliance obligations when making investment decisions.

Any digital or crypto assets discussed in this research report are subject to a rapidly changing regulatory landscape. For relevant regulatory advisories on crypto assets, including bitcoin and ether, please see https://www.jpmorgan.com/disclosures/cryptoasset-disclosure.

The author(s) of this research report 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.

Exchange-Traded Funds (ETFs): J.P. Morgan Securities LLC ("JPMS") acts as authorized participant for substantially all U.S.-listed ETFs. To the extent that any ETFs are mentioned in this report, JPMS may earn commissions and transaction-based compensation in connection with the distribution of those ETF shares and may earn fees for performing other trade-related services, such as securities lending to short sellers of the ETF shares. JPMS may also perform services for the ETFs themselves, including acting as a broker or dealer to the ETFs. In addition, affiliates

^{**}Percentage of subject companies within each of the "buy," "hold" and "sell" categories for which J.P. Morgan has provided investment banking services within the previous 12 months.



of JPMS may perform services for the ETFs, including trust, custodial, administration, lending, index calculation and/or maintenance and other services.

Options and Futures related research: If the information contained herein regards options- or futures-related research, such information is available only to persons who have received the proper options or futures risk disclosure documents. Please contact your J.P. Morgan Representative or visit https://www.theocc.com/components/docs/riskstoc.pdf for a copy of the Option Clearing Corporation's Characteristics and Risks of Standardized Options or https://www.finra.org/sites/default/files/Security_Futures_Risk_Disclosure_Statement_2018.pdf for a copy of the Security Futures Risk Disclosure Statement.

Changes to Interbank Offered Rates (IBORs) and other benchmark rates: Certain interest rate benchmarks are, or may in the future become, subject to ongoing international, national and other regulatory guidance, reform and proposals for reform. For more information, please consult: https://www.jpmorgan.com/global/disclosures/interbank offered rates

Private Bank Clients: Where you are receiving research as a client of the private banking businesses offered by JPMorgan Chase & Co. and its subsidiaries ("J.P. Morgan Private Bank"), research is provided to you by J.P. Morgan Private Bank and not by any other division of J.P. Morgan, including, but not limited to, the J.P. Morgan Corporate and Investment Bank and its Global Research division.

Legal entity responsible for the production and distribution of research: The legal entity identified below the name of the Reg AC Research Analyst who authored this material is the legal entity responsible for the production of this research. Where multiple Reg AC Research Analysts authored this material with different legal entities identified below their names, these legal entities are jointly responsible for the production of this research. Research Analysts from various J.P. Morgan affiliates may have contributed to the production of this material but may not be licensed to carry out regulated activities in your jurisdiction (and do not hold themselves out as being able to do so). Unless otherwise stated below, this material has been distributed by the legal entity responsible for production. If you have any queries, please contact the relevant Research Analyst in your jurisdiction or the entity in your jurisdiction that has distributed this research material.

Legal Entities Disclosures and Country-/Region-Specific Disclosures:

Argentina: JPMorgan Chase Bank N.A Sucursal Buenos Aires is regulated by Banco Central de la República Argentina ("BCRA"- Central Bank of Argentina) and Comisión Nacional de Valores ("CNV"- Argentinian Securities Commission" - ALYC y AN Integral N°51). Australia: J.P. Morgan Securities Australia Limited ("JPMSAL") (ABN 61 003 245 234/AFS Licence No. 238066) is regulated by the Australian Securities and Investments Commission and is a Market, Clearing and Settlement Participant of ASX Limited and CHI-X. This material is issued and distributed in Australia by or on behalf of JPMSAL only to "wholesale clients" (as defined in section 761G of the Corporations Act 2001). A list of all financial products covered can be found by visiting https://www.jpmm.com/research/disclosures. J.P. Morgan seeks to cover companies of relevance to the domestic and international investor base across all Global Industry Classification Standard (GICS) sectors, as well as across a range of market capitalisation sizes. If applicable, in the course of conducting public side due diligence on the subject company(ies), the Research Analyst team may at times perform such diligence through corporate engagements such as site visits, discussions with company representatives, management presentations, etc. Research issued by JPMSAL has been prepared in accordance with J.P. Morgan Australia's Research Independence Policy which can be found at the following link: J.P. Morgan Australia - Research Independence Policy. Brazil: Banco J.P. Morgan S.A. is regulated by the Comissao de Valores Mobiliarios (CVM) and by the Central Bank of Brazil. Ombudsman J.P. Morgan: 0800-7700847 / ouvidoria.jp.morgan@jpmorgan.com. Canada: J.P. Morgan Securities Canada Inc. is a registered investment dealer, regulated by the Canadian Investment Regulatory Organization and the Ontario Securities Commission and is the participating member on Canadian exchanges. This material is distributed in Canada by or on behalf of J.P.Morgan Securities Canada Inc. Chile: Inversiones J.P. Morgan Limitada is an unregulated entity incorporated in Chile. China: J.P. Morgan Securities (China) Company Limited has been approved by CSRC to conduct the securities investment consultancy business. Dubai International Financial Centre (DIFC): JPMorgan Chase Bank, N.A., Dubai Branch is regulated by the Dubai Financial Services Authority (DFSA) and its registered address is Dubai International Financial Centre - The Gate, West Wing, Level 3 and 9 PO Box 506551, Dubai, UAE. This material has been distributed by JP Morgan Chase Bank, N.A., Dubai Branch to persons regarded as professional clients or market counterparties as defined under the DFSA rules. European Economic Area (EEA): Unless specified to the contrary, research is distributed in the EEA by J.P. Morgan SE ("JPM SE"), which is subject to prudential supervision by the European Central Bank ("ECB") in cooperation with BaFin and Deutsche Bundesbank in Germany. JPM SE is a company headquartered in Frankfurt with registered address at TaunusTurm, Taunustor 1, Frankfurt am Main, 60310, Germany. The material has been distributed in the EEA to persons regarded as professional investors (or equivalent) pursuant to Art. 4 para. 1 no. 10 and Annex II of MiFID II and its respective implementation in their home jurisdictions ("EEA professional investors"). This material must not be acted on or relied on by persons who are not EEA professional investors. Any investment or investment activity to which this material relates is only available to EEA relevant persons and will be engaged in only with EEA relevant persons. Hong Kong: J.P. Morgan Securities (Asia Pacific) Limited (CE number AAJ321) is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission in Hong Kong, and J.P. Morgan Broking (Hong Kong) Limited (CE number AAB027) is regulated by the Securities and Futures Commission in Hong Kong. JP Morgan Chase Bank, N.A., Hong Kong Branch (CE Number AAL996) is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission, is organized under the laws of the United States with limited liability. Where the distribution of this material is a regulated activity in Hong Kong, the material is distributed in Hong Kong by or through J.P. Morgan Securities (Asia Pacific) Limited and/or J.P. Morgan Broking (Hong Kong) Limited. India: J.P. Morgan India Private Limited (Corporate Identity Number - U67120MH1992FTC068724), having its registered office at J.P. Morgan Tower, Off. C.S.T. Road, Kalina, Santacruz - East, Mumbai – 400098, is registered with the Securities and Exchange Board of India (SEBI) as a 'Research Analyst' having registration number INH000001873. J.P. Morgan India Private Limited is also registered with SEBI as a member of the National Stock Exchange of India Limited and the Bombay Stock Exchange Limited (SEBI Registration Number-INZ000239730) and as a Merchant Banker (SEBI Registration Number - MB/INM000002970). Telephone: 91-22-6157 3000, Facsimile: 91-22-6157 3990 and Website: http://www.jpmipl.com. JPMorgan Chase Bank, N.A. - Mumbai Branch is licensed by the Reserve Bank of India (RBI)



(Licence No. 53/ Licence No. BY.4/94; SEBI - IN/CUS/014/ CDSL: IN-DP-CDSL-444-2008/ IN-DP-NSDL-285-2008/ INBI00000984/ INE231311239) as a Scheduled Commercial Bank in India, which is its primary license allowing it to carry on Banking business in India and other activities, which a Bank branch in India are permitted to undertake. For non-local research material, this material is not distributed in India by J.P. Morgan India Private Limited. Compliance Officer: Spurthi Gadamsetty; spurthi.gadamsetty@jpmchase.com; +912261573225. Grievance Officer: Ramprasadh K, jpmipl.research.feedback@jpmorgan.com; +912261573000.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing. Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Indonesia: PT J.P. Morgan Sekuritas Indonesia is a member of the Indonesia Stock Exchange and is registered and supervised by the Otoritas Jasa Keuangan (OJK). Korea: J.P. Morgan Securities (Far East) Limited, Seoul Branch, is a member of the Korea Exchange (KRX). JPMorgan Chase Bank, N.A., Seoul Branch, is licensed as a branch office of foreign bank (JPMorgan Chase Bank, N.A.) in Korea. Both entities are regulated by the Financial Services Commission (FSC) and the Financial Supervisory Service (FSS). For non-macro research material, the material is distributed in Korea by or through J.P. Morgan Securities (Far East) Limited, Seoul Branch. Japan: JPMorgan Securities Japan Co., Ltd. and JPMorgan Chase Bank, N.A., Tokyo Branch are regulated by the Financial Services Agency in Japan. Malaysia: This material is issued and distributed in Malaysia by JPMorgan Securities (Malaysia) Sdn Bhd (18146-X), which is a Participating Organization of Bursa Malaysia Berhad and holds a Capital Markets Services License issued by the Securities Commission in Malaysia. Mexico: J.P. Morgan Casa de Bolsa, S.A. de C.V.and J.P. Morgan Grupo Financiero are members of the Mexican Stock Exchange and are authorized to act as a broker dealer by the National Banking and Securities Exchange Commission. New Zealand: This material is issued and distributed by JPMSAL in New Zealand only to "wholesale clients" (as defined in the Financial Markets Conduct Act 2013). JPMSAL is registered as a Financial Service Provider under the Financial Service providers (Registration and Dispute Resolution) Act of 2008. Pakistan: J. P. Morgan Pakistan Broking (Pvt.) Ltd is a member of the Karachi Stock Exchange and regulated by the Securities and Exchange Commission of Pakistan. Philippines: J.P. Morgan Securities Philippines Inc. is a Trading Participant of the Philippine Stock Exchange and a member of the Securities Clearing Corporation of the Philippines and the Securities Investor Protection Fund. It is regulated by the Securities and Exchange Commission. Russia: CB J.P. Morgan Bank International LLC is regulated by the Central Bank of Russia. Singapore: This material is issued and distributed in Singapore by or through J.P. Morgan Securities Singapore Private Limited (JPMSS) [MCI (P) 030/08/2023 and Co. Reg. No.: 199405335R], which is a member of the Singapore Exchange Securities Trading Limited, and/or JPMorgan Chase Bank, N.A., Singapore branch (JPMCB Singapore), both of which are regulated by the Monetary Authority of Singapore. This material is issued and distributed in Singapore only to accredited investors, expert investors and institutional investors, as defined in Section 4A of the Securities and Futures Act, Cap. 289 (SFA). This material is not intended to be issued or distributed to any retail investors or any other investors that do not fall into the classes of "accredited investors," "expert investors" or "institutional investors," as defined under Section 4A of the SFA. Recipients of this material in Singapore are to contact JPMSS or JPMCB Singapore in respect of any matters arising from, or in connection with, the material. As at the date of this material, JPMSS is a designated market maker for certain structured warrants listed on the Singapore Exchange where the underlying securities may be the securities discussed in this material. Arising from its role as a designated market maker for such structured warrants, JPMSS may conduct hedging activities in respect of such underlying securities and hold or have an interest in such underlying securities as a result. The updated list of structured warrants for which JPMSS acts as designated market maker may be found on the website of the Singapore Exchange Limited: http://www.sgx.com. South Africa: J.P. Morgan Equities South Africa Proprietary Limited and JPMorgan Chase Bank, N.A., Johannesburg Branch are members of the Johannesburg Securities Exchange and are regulated by the Financial Services Board. Taiwan: J.P. Morgan Securities (Taiwan) Limited is a participant of the Taiwan Stock Exchange (company-type) and regulated by the Taiwan Securities and Futures Bureau. Material relating to equity securities is issued and distributed in Taiwan by J.P. Morgan Securities (Taiwan) Limited, subject to the license scope and the applicable laws and the regulations in Taiwan. According to Paragraph 2, Article 7-1 of Operational Regulations Governing Securities Firms Recommending Trades in Securities to Customers (as amended or supplemented) and/or other applicable laws or regulations, please note that the recipient of this material is not permitted to engage in any activities in connection with the material that may give rise to conflicts of interests, unless otherwise disclosed in the "Important Disclosures" in this material. Thailand: This material is issued and distributed in Thailand by JPMorgan Securities (Thailand) Ltd., which is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission, and its registered address is 3rd Floor, 20 North Sathorn Road, Silom, Bangrak, Bangkok 10500. UK: Unless specified to the contrary, research is distributed in the UK by J.P. Morgan Securities plc ("JPMS plc") which is a member of the London Stock Exchange and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. JPMS plc is registered in England & Wales No. 2711006, Registered Office 25 Bank Street, London, E14 5JP. This material is directed in the UK only to: (a) persons having professional experience in matters relating to investments falling within article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) (Order) 2005 ("the FPO"); (b) persons outlined in article 49 of the FPO (high net worth companies, unincorporated associations or partnerships, the trustees of high value trusts, etc.); or (c) any persons to whom this communication may otherwise lawfully be made; all such persons being referred to as "UK relevant persons". This material must not be acted on or relied on by persons who are not UK relevant persons. Any investment or investment activity to which this material relates is only available to UK relevant persons and will be engaged in only with UK relevant persons. Research issued by JPMS plc has been prepared in accordance with JPMS plc's policy for prevention and avoidance of conflicts of interest related to the production of Research which can be found at the following link: J.P. Morgan EMEA - Research Independence Policy. U.S.: J.P. Morgan Securities LLC ("JPMS") is a member of the NYSE, FINRA, SIPC, and the NFA. JPMorgan Chase Bank, N.A. is a member of the FDIC. Material published by non-U.S. affiliates is distributed in the U.S. by JPMS who accepts responsibility for its content.

General: Additional information is available upon request. The information in this material has been obtained from sources believed to be reliable. While all reasonable care has been taken to ensure that the facts stated in this material are accurate and that the forecasts, opinions and



expectations contained herein are fair and reasonable, JPMorgan Chase & Co. or its affiliates and/or subsidiaries (collectively J.P. Morgan) make no representations or warranties whatsoever to the completeness or accuracy of the material provided, except with respect to any disclosures relative to J.P. Morgan and the Research Analyst's involvement with the issuer that is the subject of the material. Accordingly, no reliance should be placed on the accuracy, fairness or completeness of the information contained in this material. There may be certain discrepancies with data and/or limited content in this material as a result of calculations, adjustments, translations to different languages, and/or local regulatory restrictions, as applicable. These discrepancies should not impact the overall investment analysis, views and/or recommendations of the subject company(ies) that may be discussed in the material. J.P. Morgan accepts no liability whatsoever for any loss arising from any use of this material or its contents, and neither J.P. Morgan nor any of its respective directors, officers or employees, shall be in any way responsible for the contents hereof, apart from the liabilities and responsibilities that may be imposed on them by the relevant regulatory authority in the jurisdiction in question, or the regulatory regime thereunder. Opinions, forecasts or projections contained in this material represent J.P. Morgan's current opinions or judgment as of the date of the material only and are therefore subject to change without notice. Periodic updates may be provided on companies/industries based on company-specific developments or announcements, market conditions or any other publicly available information. There can be no assurance that future results or events will be consistent with any such opinions, forecasts or projections, which represent only one possible outcome. Furthermore, such opinions, forecasts or projections are subject to certain risks, uncertainties and assumptions that have not been verified, and future actual results or events could differ materially. The value of, or income from, any investments referred to in this material may fluctuate and/or be affected by changes in exchange rates. All pricing is indicative as of the close of market for the securities discussed, unless otherwise stated. Past performance is not indicative of future results. Accordingly, investors may receive back less than originally invested. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies to particular clients. This material may include views on structured securities, options, futures and other derivatives. These are complex instruments, may involve a high degree of risk and may be appropriate investments only for sophisticated investors who are capable of understanding and assuming the risks involved. The recipients of this material must make their own independent decisions regarding any securities or financial instruments mentioned herein and should seek advice from such independent financial, legal, tax or other adviser as they deem necessary. J.P. Morgan may trade as a principal on the basis of the Research Analysts' views and research, and it may also engage in transactions for its own account or for its clients' accounts in a manner inconsistent with the views taken in this material, and J.P. Morgan is under no obligation to ensure that such other communication is brought to the attention of any recipient of this material. Others within J.P. Morgan, including Strategists, Sales staff and other Research Analysts, may take views that are inconsistent with those taken in this material. Employees of J.P. Morgan not involved in the preparation of this material may have investments in the securities (or derivatives of such securities) mentioned in this material and may trade them in ways different from those discussed in this material. This material is not an advertisement for or marketing of any issuer, its products or services, or its securities in any jurisdiction.

Confidentiality and Security Notice: This transmission may contain information that is privileged, confidential, legally privileged, and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or use of the information contained herein (including any reliance thereon) is STRICTLY PROHIBITED. Although this transmission and any attachments are believed to be free of any virus or other defect that might affect any computer system into which it is received and opened, it is the responsibility of the recipient to ensure that it is virus free and no responsibility is accepted by JPMorgan Chase & Co., its subsidiaries and affiliates, as applicable, for any loss or damage arising in any way from its use. If you received this transmission in error, please immediately contact the sender and destroy the material in its entirety, whether in electronic or hard copy format. This message is subject to electronic monitoring: https://www.jpmorgan.com/disclosures/email

MSCI: Certain information herein ("Information") is reproduced by permission of MSCI Inc., its affiliates and information providers ("MSCI") ©2023. No reproduction or dissemination of the Information is permitted without an appropriate license. MSCI MAKES NO EXPRESS OR IMPLIED WARRANTIES (INCLUDING MERCHANTABILITY OR FITNESS) AS TO THE INFORMATION AND DISCLAIMS ALL LIABILITY TO THE EXTENT PERMITTED BY LAW. No Information constitutes investment advice, except for any applicable Information from MSCI ESG Research. Subject also to msci.com/disclaimer

"Other Disclosures" last revised October 21, 2023.

Copyright 2023 JPMorgan Chase & Co. All rights reserved. This material or any portion hereof may not be reprinted, sold or redistributed without the written consent of J.P. Morgan. It is strictly prohibited to use or share without prior written consent from J.P. Morgan any research material received from J.P. Morgan or an authorized third-party ("J.P. Morgan Data") in any third-party artificial intelligence ("AI") systems or models when such J.P. Morgan Data is accessible by a third-party. It is permissible to use J.P. Morgan Data for internal business purposes only in an AI system or model that protects the confidentiality of J.P. Morgan Data so as to prevent any and all access to or use of such J.P. Morgan Data by any third-party.

Completed 11 Dec 2023 09:21 PM EST

Disseminated 11 Dec 2023 09:32 PM EST