

Punjab National Bank | ADD

Strong quarter; Upgrade to ADD

PNB delivered a strong quarter with PAT rising +14%/+193% YoY/QoQ (+8% vs. JMFe), driven by robust operating efficiencies with opex down ~13% QoQ and lower-than-expected credit costs at 23bps (vs. 34bps JMFe). NII declined 1% QoQ, as NIM (calc.) compressed 9bps QoQ to ~2.4%. Management expects a cumulative NIM improvement of ~15bps in 2H, led by TD re-pricing benefits. Asset quality strengthened with GNPA/NNPA at 3.45%/0.36% (-33bps/-2bps QoQ) and net slippages (calc.) at -0.27% (vs. 0.08% in 1Q), aided by INR 12bn of one account up-gradation to standard, with full provision write-back expected in 3Q/4Q. Management retained their guidance for GNPA <3%, NNPA ~0.35%, credit cost <0.5%, and slippage ratio <1% for FY26. We have increased our earnings by ~15%-25% for FY26-28E on the back of improving operating leverage and lower credit cost. However, we build average ROA/ROE of 0.8%/12% for FY26-28E. Based on our new rating system, we upgrade stock to ADD (from HOLD earlier) with revised target price of INR 125 (vs. INR 105), valuing it at 0.9x FY27E Adj. BVPS.

- **NIM compression drive NII decline:** NIM (Calc.) decline of ~9bps QoQ to 2.36% was broadly in line with our estimates of 2.37%. The decline was primarily due to 14bps QoQ contraction in yields, partially offset by 7bps QoQ reduction in cost of funds. Management expects a cumulative NIM improvement of ~15bps in 2HFY26 led by deposit re-pricing. Loan growth remained steady at 11% YoY (picked up QoQ to 4%) on the back of ~140bps QoQ expansion in CD ratio. Within the loan book, MSME advances grew +6% QoQ, followed by retail growing ~4% QoQ and other segments growing at ~3% YoY. Management maintained its credit growth guidance for FY26 ~11-12% to be realized by the ~INR 1.8tn in undisbursed sanctioned credit in the corporate space along with a sharper focus on expanding the RAM book to ~58% of the overall book. NIMs guidance was also maintained at ~2.8-2.9% for FY26 with a cumulative 15bps inch up expected in 2H from on-going TD re-pricing benefits.
- **Profitability supported by lower credit costs:** Operating profit came in at INR 72.3bn (+2% QoQ, +16% JMFe) driven by strong cost efficiencies with opex declining to ~INR 76bn (-8%/-13% YoY/QoQ, -15% JMFe). Non-interest income declined 18% QoQ due to lower seasonal fee income, expected to recover in 2H. Overall, PAT beat estimates by 8% (+14%/+193% YoY/QoQ), aided by lower credit costs at 23bps (vs. 34bps JMFe).
- **Improved asset quality aided by up-gradation and continued recoveries:** PNB's asset quality strengthened further, aided by healthy cash recoveries and up-gradations of ~INR 27.2bn (includes one recovery of one account worth INR12bn). Management reiterated FY26 guidance of GNPA <3%, NNPA ~0.35%, credit cost <0.5%, and slippage ratio <1%.
- **Valuation and view:** PNB delivered a strong quarter driven by steady loan growth, improving asset quality, and sustained operating efficiency. Tier 1 at 14.4% and CAR at 17.2% gives us comfort than bank has strong capital position to supplement growth. We are building loan/deposit CAGR of 13/12% over FY25-28E and average ROA/ROE of ~0.8%/12% over FY26-28E. We revise our EPS estimates upwards by ~15-25% for FY26-28E and upgrade stock to ADD (as per our rating system), with a revised TP of INR 125 (vs. INR 105 earlier), valuing the bank at 0.9x FY27E Adj. BVPS.



Ajit Kumar

ajit.k@jmfl.com | Tel: (91 22) 66303489

Raghvesh

raghvesh@jmfl.com | Tel: (91 22) 66303099

Pratik Matkar

pratik.matkar@jmfl.com | Tel: (91 22) 66301881

Mayank Mistry

mayank.mistry@jmfl.com | Tel: (91 22) 62241877

Shubham Karvande

shubham.karvande@jmfl.com | Tel: (01 22) 66303696

Arun Nalkara

arun.nalkara@jmfl.com | Tel: (91 22) 39533640

Sunita Nayak

sunita.nayak@jmfl.com | Tel: (91 22) 66301889

Recommendation and Price Target

Current Reco.	ADD
Previous Reco.	HOLD
Current Price Target (12M)	125
Upside/(Downside)	5.8%
Previous Price Target	105
Change	19.0%

Key Data – PNB IN

Current Market Price	INR118
Market cap (bn)	INR1,357.3/US\$15.4
Free Float	21%
Shares in issue (mn)	11,492.9
Diluted share (mn)	
3-mon avg daily val (mn)	INR1,757.7/US\$20.0
52-week range	119/85
Sensex/Nifty	84,363/25,843
INR/US\$	87.9

Price Performance

%	1M	6M	12M
Absolute	4.2	18.7	14.4
Relative*	2.1	11.7	10.0

* To the BSE Sensex

Financial Summary

(INR mn)

Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Net Profit	82,446	1,66,302	1,68,816	1,61,678	1,74,434
Net Profit (YoY) (%)	228.8%	101.7%	1.5%	-4.2%	7.9%
Assets (YoY) (%)	6.9%	16.5%	10.8%	11.7%	12.2%
ROA (%)	0.5%	1.0%	0.9%	0.8%	0.7%
ROE (%)	8.7%	15.3%	13.4%	11.6%	11.4%
EPS	7.5	14.5	14.7	14.1	15.2
EPS (YoY) (%)	228.8%	93.3%	1.5%	-4.2%	7.9%
PE (x)	15.8	8.2	8.0	8.4	7.8
BV	89	104	115	127	139
BV (YoY) (%)	7.4%	16.2%	11.3%	9.8%	9.6%
P/BV (x)	1.32	1.14	1.02	0.93	0.85

Source: Company data, JM Financial. Note: Valuations as of 20/Oct/2025

JM Financial Research is also available on: Bloomberg - JMFR <GO>, FactSet, LSEG and S&P Capital IQ.

Please see Appendix I at the end of this report for Important Disclosures and Disclaimers and Research Analyst Certification.

Punjab National Bank – 2Q26 Performance

Exhibit 1. 2QFY26 Quarterly Highlights

Punjab National Bank 2QFY26 results- Snapshot							
(INR bn)	2Q25	1Q26	2Q26	YoY (%)	QoQ' (%)	2Q26e	A/E (%)
Net Interest Income	105.2	105.8	104.7	0%	-1%	105.4	-1%
Non-interest income	45.7	52.7	43.4	-5%	-18%	46.4	-6%
Total income	150.9	158.5	148.1	-2%	-7%	151.8	-2%
Total Operating Expenses	82.4	87.6	75.8	-8%	-13%	89.3	-15%
Operating Profit	68.5	70.8	72.3	5%	2%	62.5	16%
Provisions	2.9	3.2	6.4	123%	99%	9.3	-31%
PBT	65.7	67.6	65.8	0%	-3%	53.2	24%
Tax	22.6	50.8	16.8	-26%	-67%	8.0	111%
PAT	43.0	16.8	49.0	14%	193%	45.2	8%
Loan (INR bn)	10,196	10,920	11,338	11%	4%	11,193	1%
Deposit (INR bn)	14,583	15,894	16,171	11%	2%	16,212	0%
C/D ratio	69.9%	68.7%	70.1%	20 bps	141 bps		
CASA Ratio	38.2%	35.8%	36.1%	(211) bps	29 bps		
Yield on IEA (Calc, %) - 1	7.63%	7.38%	7.24%	(39) bps	(14) bps	7.20%	4 bps
Cost of funds (Calc, %) - 2	5.18%	5.17%	5.09%	(8) bps	(7) bps	5.05%	4 bps
Loan - deposit spread = 1 - 2	2.45%	2.22%	2.15%	(31) bps	(7) bps	2.15%	(0) bps
NIM (calc, %)	2.66%	2.45%	2.36%	(31) bps	(9) bps	2.37%	(2) bps
Gross Slippages (INR bn)	21.8	18.9	19.6	-10%	4%	20.0	-2.25%
Net Slippages (INR bn)	-7.3	2.2	-7.6	4%	-440%	7.0	-208.71%
Gross Slippages (annualised)	0.87%	0.70%	0.70%	(17) bps	1 bps		
Net Slippages (annualised)	-0.29%	0.08%	-0.27%	2 bps	(36) bps		
GNPA (%)	4.48%	3.77%	3.45%	(103) bps	(33) bps	3.59%	(15) bps
NNPA (%)	0.46%	0.38%	0.36%	(10) bps	(2) bps	0.37%	(2) bps
Credit cost (%)	0.11%	0.12%	0.23%	12 bps	11 bps	0.34%	(10) bps
PCR (%)	90.2%	90.3%	90.0%	(16) bps	(30) bps	90.0%	2 bps
ROA (%)	1.05%	0.37%	1.06%	1 bps	69 bps	0.98%	8 bps
ROE (%)	14.7%	5.2%	14.7%	(9) bps	948 bps	13.5%	113 bps

Source: Company, JM Financial

Exhibit 2. PNB 2Q26: Deposits composition

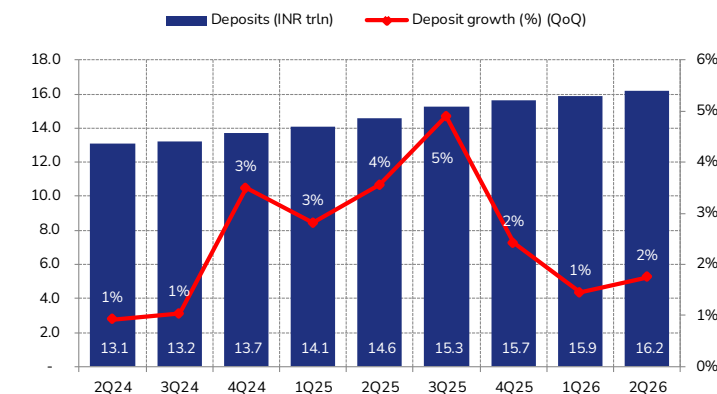
Deposits Composition (INR bn)	2Q25	1Q26	2Q26	YoY (%)	QoQ (%)
Current	681	707	742	9.0%	5.0%
Saving	4,886	4,980	5,090	4.2%	2.2%
CASA	5,567	5,686	5,832	4.7%	2.6%
Time	9,016	10,207	10,339	14.7%	1.3%
Total Deposits	14,583	15,894	16,171	10.9%	1.7%
Current	4.7%	4.4%	4.6%	-0.1%	0.1%
Saving	33.5%	31.3%	31.5%	-2.0%	0.1%
CASA	38.2%	35.8%	36.1%	-2.1%	0.3%
Time	61.8%	64.2%	63.9%	2.1%	-0.3%
Total	100%	100%	100%		

Source: Company, JM Financial

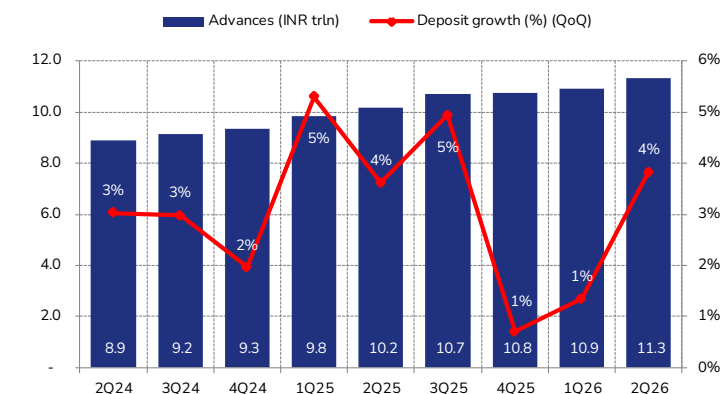
Exhibit 3. PNB 2Q26: Loan book composition

Loan Book Composition (INR bn)	2Q25	1Q26	2Q26	YoY (%)	QoQ (%)
Agriculture & Allied	1,628	1,789	1,840	13.0%	2.9%
MSME	1,511	1,694	1,792	18.6%	5.8%
Large Industry and others	4,473	4,686	4,825	7.9%	3.0%
Retail Loans	2,501	2,622	2,722	8.8%	3.8%
Overseas	505	508	517	2.3%	1.7%
Total	10,619	11,299	11,696	10.1%	3.5%
Agriculture & Allied	15.3%	15.8%	15.7%	0.4%	-0.1%
MSME	14.2%	15.0%	15.3%	1.1%	0.3%
Large Industry and others	42.1%	41.5%	41.3%	-0.9%	-0.2%
Retail Loans	23.6%	23.2%	23.3%	-0.3%	0.1%
Overseas	4.8%	4.5%	4.4%	-0.3%	-0.1%
Total	100%	100%	100%		

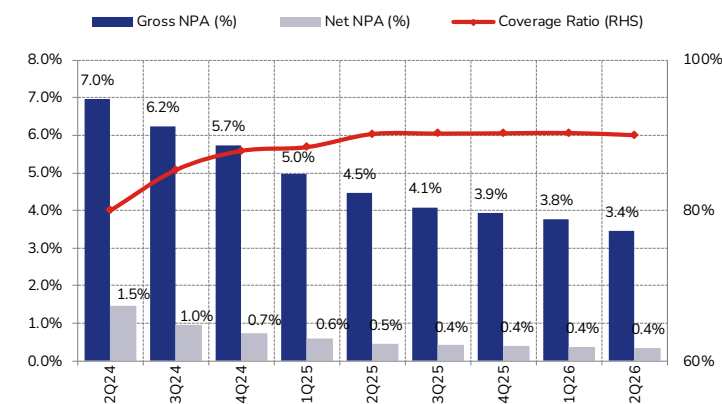
Source: Company, JM Financial

Exhibit 4. Deposit growth for the quarter stood at 11%/2% YoY/QoQ

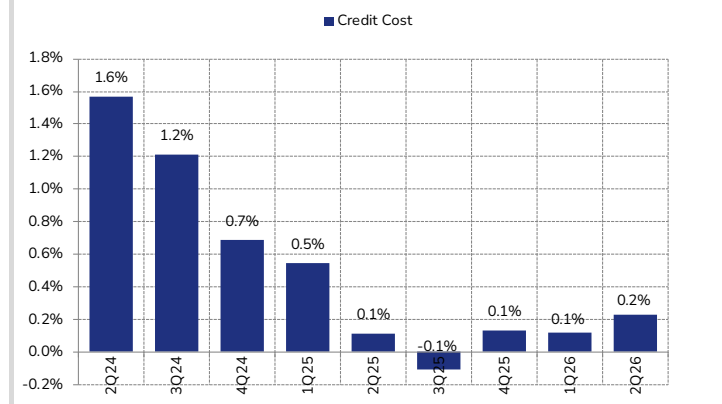
Source: Company, JM Financial

Exhibit 5. Advances growth improved to 4% QoQ (vs. 1% QoQ in 1Q26)

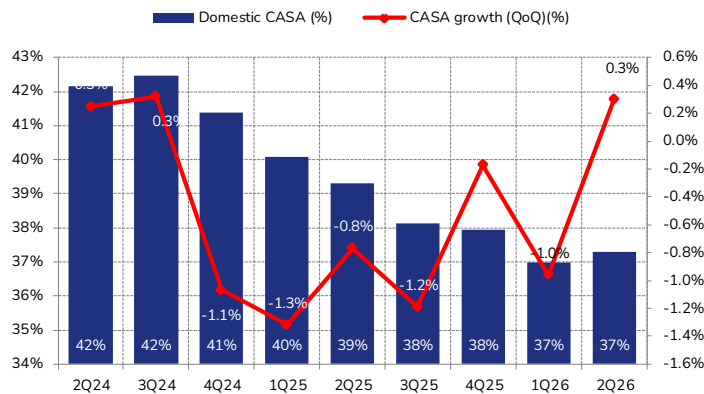
Source: Company, JM Financial

Exhibit 6. Asset quality metrics showed improvement with GNPA moderating 33bps sequentially

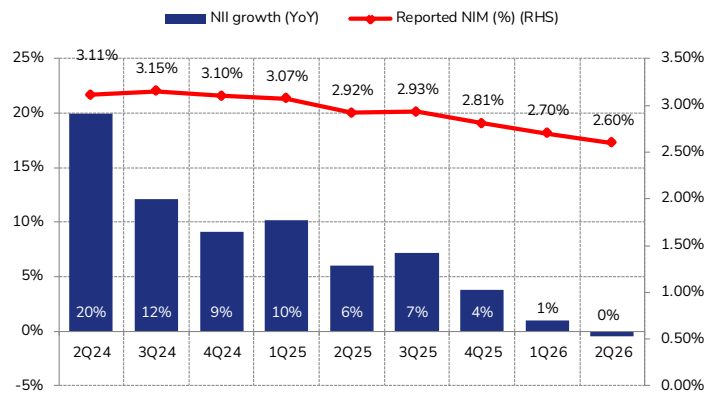
Source: Company, JM Financial

Exhibit 7. Credit costs inched up, but on account of movement of certain provisions to other provisions which would be written back in 3Q

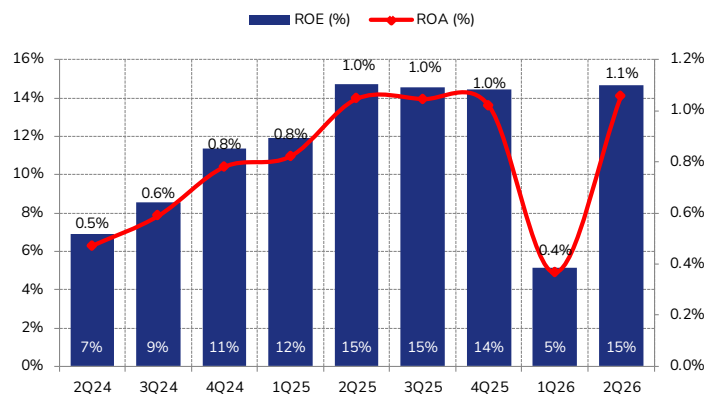
Source: Company, JM Financial

Exhibit 8. Domestic CASA ratio steady on a sequential basis

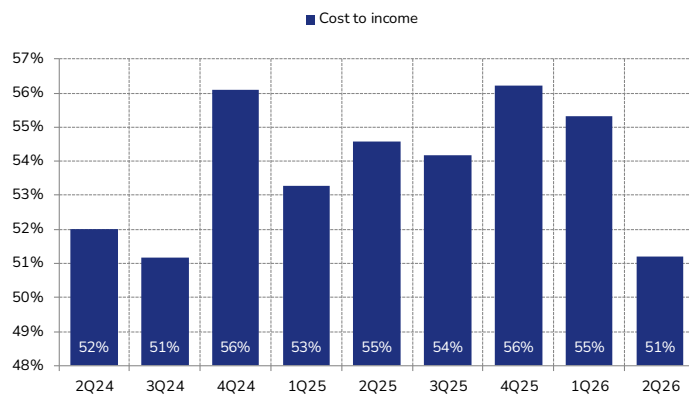
Source: Company, JM Financial

Exhibit 9. NIMs is expected to inch up in 2H supported by CoF benefits

Source: Company, JM Financial

Exhibit 10. Profitability numbers improve again post one-time tax regime change exercise carried out in 1Q

Source: Company, JM Financial

Exhibit 11. Cost to income ratios decline due to operational efficiencies

Source: Company, JM Financial

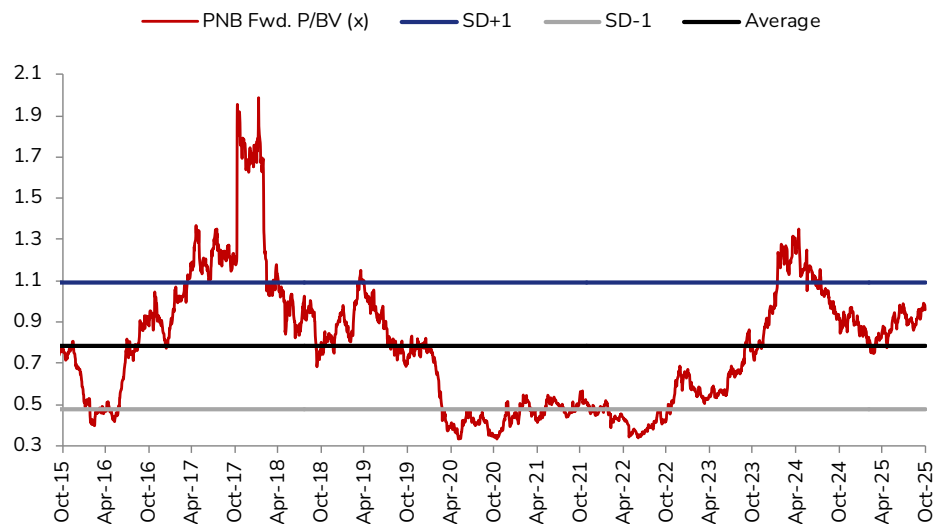
Exhibit 12. PNB 1 year forward P/BVxSource: Company, Bloomberg, JM Financial
Note: Priced as of 20th Oct, 2025

Exhibit 13. Change in estimates

	Estimates, New			Estimates, Old			Change in Estimates		
	FY26E	FY27E	FY28E	FY26E	FY27E	FY28E	FY26E	FY27E	FY28E
Recommendation	Add			Hold					
Target Price	125			105			19.3%		
<u>Income statement (INR bn)</u>									
Net Interest Income	438	497	575	430	524	602	1.9%	-5.0%	-4.4%
Non-Interest Income	177	163	168	180	147	154	-1.7%	10.7%	9.0%
Total Income	615	660	743	609	671	756	0.8%	-1.6%	-1.7%
Operating Expenses	340	367	403	364	399	440	-6.5%	-8.1%	-8.4%
Pre-provisioning Profits	274	293	340	246	271	316	11.6%	8.0%	7.6%
Reported Profits	169	162	174	144	129	152	17.4%	25.6%	14.7%
<u>Balance Sheet (INR bn)</u>									
Deposits	17,468	19,651	22,206	17,076	18,955	21,229	2.3%	3.7%	4.6%
Net Advances	12,175	13,758	15,684	12,014	13,576	15,476	1.3%	1.3%	1.3%
Total Assets	20,061	22,406	25,132	19,649	21,662	24,091	2.1%	3.4%	4.3%
<u>Key Ratios (%)</u>									
NIM (%)	2.4%	2.5%	2.5%	2.4%	2.6%	2.7%	0.0%	-0.2%	-0.2%
ROA (%)	0.9%	0.8%	0.7%	0.8%	0.6%	0.7%	0.1%	0.1%	0.1%
ROE (%)	13%	12%	11%	12%	9%	10%	2%	2%	1%
EPS (Rs.)	14.7	14.1	15.2	12.5	11.2	13.2	17.4%	25.6%	14.7%
Net NPA (%)	0.3%	0.3%	-0.5%	0.3%	0.3%	-0.5%	0.0%	0.0%	0.0%

Source: Company, JM Financial

Financial Tables (Standalone)

Profit & Loss (INR bn)					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Net Interest Income	401	428	438	497	575
Profit on Investments	7	39	35	15	10
Exchange Income	5	4	6	7	7
Fee & Other Income	122	120	136	141	150
Non-Interest Income	134	163	177	163	168
Total Income	535	591	615	660	743
Operating Expenses	285	323	340	367	403
Pre-provisioning Profits	249	268	274	293	340
Loan-Loss Provisions	123	17	17	46	74
Provisions on Investments	-14	0	0	0	0
Others Provisions	8	0	2	2	2
Total Provisions	117	17	19	48	76
PBT	132	252	255	245	264
Tax	49	85	87	83	89
PAT (Pre-Extraordinaries)	82	166	169	162	174
Extra ordinaries (Net of Tax)	0	0	0	0	0
Reported Profits	82	166	169	162	174
Dividend paid	17	33	34	32	35
Retained Profits	66	133	135	129	139

Source: Company, JM Financial

Key Ratios					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Growth (YoY) (%)					
Deposits	6.9%	14.4%	11.5%	12.5%	13.0%
Advances	12.5%	15.3%	13.0%	13.0%	14.0%
Total Assets	6.9%	16.5%	10.8%	11.7%	12.2%
NII	16.2%	6.7%	2.3%	13.6%	15.7%
Non-interest Income	10.2%	21.9%	8.4%	-7.9%	3.0%
Operating Expenses	18.4%	13.1%	5.5%	7.9%	9.7%
Operating Profits	10.7%	7.6%	2.2%	6.8%	16.1%
Core Operating profit	2.4%	-5.5%	4.4%	16.2%	18.7%
Provisions	-35.7%	-85.7%	12.9%	156.4%	57.3%
Reported PAT	228.8%	101.7%	1.5%	-4.2%	7.9%
Yields / Margins (%)					
Interest Spread	2.61%	2.45%	2.21%	2.25%	2.30%
NIM	2.80%	2.67%	2.41%	2.45%	2.52%
Profitability (%)					
Non-IR to Income	25.0%	27.6%	28.8%	24.7%	22.6%
Cost to Income	53.4%	54.6%	55.4%	55.6%	54.2%
ROA	0.55%	0.99%	0.88%	0.76%	0.73%
ROE	8.7%	15.3%	13.4%	11.6%	11.4%
Assets Quality (%)					
Slippages	0.72%	0.73%	0.72%	0.75%	0.80%
Gross NPA	5.73%	3.95%	3.05%	2.60%	2.37%
Net NPAs	0.73%	0.40%	0.31%	0.27%	0.24%
Provision Coverage	87.9%	90.3%	90.0%	90.0%	90.0%
Specific LLP	1.40%	0.19%	0.06%	0.27%	0.41%
Net NPAs / Network	6.9%	3.6%	2.9%	2.5%	2.4%
Capital Adequacy (%)					
Tier I	13.17%	14.05%	13.95%	13.54%	13.07%
CAR	15.97%	17.01%	16.62%	15.95%	15.22%

Source: Company, JM Financial

Balance Sheet (INR bn)					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Equity Capital	22	23	23	23	23
Reserves & Surplus	960	1,168	1,303	1,432	1,571
Deposits	13,697	15,666	17,468	19,651	22,206
Borrowings	504	838	852	871	890
Other Liabilities	352	404	416	429	442
Total Liabilities	15,535	18,099	20,061	22,406	25,132
Investments	4,203	4,973	5,252	5,605	6,190
Net Advances	9,344	10,775	12,175	13,758	15,684
Cash & Equivalents	1,291	1,487	1,647	2,111	2,354
Fixed Assets	40	47	60	78	88
Other Assets	657	816	926	853	816
Total Assets	15,535	18,099	20,061	22,406	25,132

Source: Company, JM Financial

Dupont Analysis					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
NII / Assets	2.67%	2.54%	2.29%	2.34%	2.42%
Other Income / Assets	0.89%	0.97%	0.93%	0.77%	0.71%
Total Income / Assets	3.56%	3.51%	3.22%	3.11%	3.13%
Cost / Assets	1.90%	1.92%	1.78%	1.73%	1.69%
PBP / Assets	1.66%	1.60%	1.44%	1.38%	1.43%
Provisions / Assets	0.78%	0.10%	0.10%	0.23%	0.32%
PBT / Assets	0.88%	1.50%	1.34%	1.15%	1.11%
Tax rate	37.5%	33.9%	33.9%	33.9%	33.9%
ROA	0.55%	0.99%	0.88%	0.76%	0.73%
RoRWAs	1.18%	2.13%	1.92%	1.63%	1.55%
Leverage	15.8	15.2	15.1	15.4	15.8
ROE	8.7%	15.3%	13.4%	11.6%	11.4%

Source: Company, JM Financial

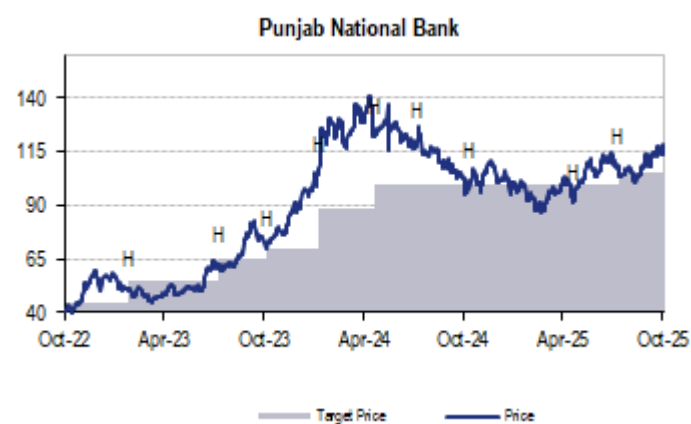
Valuations					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Shares in Issue	11.0	11.5	11.5	11.5	11.5
EPS (INR)	7.5	14.5	14.7	14.1	15.2
EPS (YoY) (%)	228.8%	93.3%	1.5%	-4.2%	7.9%
PER (x)	15.8	8.2	8.0	8.4	7.8
BV (INR)	89	104	115	127	139
BV (YoY) (%)	7.4%	16.2%	11.3%	9.8%	9.6%
ABV (INR)	98	111	122	133	145
ABV (YoY) (%)	17.7%	13.2%	9.5%	9.0%	9.3%
P/BV (x)	1.32	1.14	1.02	0.93	0.85
P/ABV (x)	1.20	1.06	0.97	0.89	0.81
DPS (INR)	1.5	2.9	2.9	2.8	3.0
Div. yield (%)	1.3%	2.5%	2.5%	2.4%	2.6%

Source: Company, JM Financial

History of Recommendation and Target Price

Date	Recommendation	Target Price	% Chg.
9-Jan-20	Sell	55	
11-Mar-20	Sell	50	-9.1
13-Apr-20	Sell	30	-40.0
11-Jan-21	Hold	43	43.3
11-Oct-21	Hold	45	4.7
15-Feb-23	Hold	55	22.2
28-Jul-23	Hold	65	18.2
26-Oct-23	Hold	70	7.7
28-Jan-24	Hold	88	25.7
9-May-24	Hold	100	13.6
28-Jul-24	Hold	100	0.0
29-Oct-24	Hold	100	0.0
8-May-25	Hold	100	0.0
30-Jul-25	Hold	105	5.0

Recommendation History



APPENDIX I

JM Financial Institutional Securities Limited

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd. and National Stock Exchange of India Ltd.

SEBI Registration Nos.: Stock Broker - INZ000163434, Research Analyst - INH000000610

Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India.

Board: +91 22 6630 3030 | Fax: +91 22 6630 3488 | Email: jmfirancial.research@jmfl.com | www.jmfl.com

Compliance Officer: Ms. Ashley Johnson | Tel: +91 22 6224 1862 | Email: ashley.johnson@jmfl.com

Grievance Officer: Ms. Ashley Johnson | Tel: +91 22 6224 1862 | Email: instcompliance@jmfl.com

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

New Rating System: Definition of ratings	
Rating	Meaning
BUY	Expected return \geq 15% over the next twelve months.
ADD	Expected return \geq 5% and $<$ 15% over the next twelve months.
REDUCE	Expected return \geq -10% and $<$ 5% over the next twelve months.
SELL	Expected return $<$ -10% over the next twelve months.

Note: For REITs (Real Estate Investment Trust) and InvIT (Infrastructure Investment Trust) total expected returns include dividends or DPU (distribution per unit)

Previous Rating System: Definition of ratings	
Rating	Meaning
BUY	Total expected returns of more than 10% for stocks with market capitalisation in excess of INR 200 billion and REITs* and more than 15% for all other stocks, over the next twelve months. Total expected return includes dividend yields.
HOLD	Price expected to move in the range of 10% downside to 10% upside from the current market price for stocks with market capitalisation in excess of INR 200 billion and REITs* and in the range of 10% downside to 15% upside from the current market price for all other stocks, over the next twelve months.
SELL	Price expected to move downwards by more than 10% from the current market price over the next twelve months.

* REITs refers to Real Estate Investment Trusts.

Research Analyst(s) Certification

The Research Analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that:

All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and

No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

Important Disclosures

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE) and National Stock Exchange of India Ltd. (NSE). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor. Registration granted by SEBI and certification from the National Institute of Securities Market (NISM) in no way guarantee performance of JM Financial Institutional Securities or provide any assurance of returns to investors.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or its associates, their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and their immediate relatives are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their immediate relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report.

While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision.

This research report is based on the fundamental research/analysis conducted by the Research Analyst(s) named herein. Accordingly, this report has been prepared by studying/focusing on the fundamentals of the company(ies) covered in this report and other macro-economic factors. JM Financial Institutional Securities may have also issued or may issue, research reports and/or recommendations based on the technical/quantitative analysis of the company(ies) covered in this report by studying and using charts of the stock's price movement, trading volume and/or other volatility parameters. As a result, the views/recommendations expressed in such technical research reports could be inconsistent or even contrary to the views contained in this report.

The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

This report is not directed or intended for distribution to, or use by any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject JM Financial Institutional Securities and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions. Please click [here](#) to access our detailed Terms and Conditions, including the Most Important Terms and Conditions.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Any U.S. person who is recipient of this report that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, must contact, and deal directly through a U.S. registered representative affiliated with a broker-dealer registered with the SEC and a member of FINRA. In the U.S., JM Financial Institutional Securities has an affiliate, JM Financial Securities, Inc. located at 1325 Avenue of the Americas, 27th Floor, Office No. 2715, New York, New York 10019. Telephone +1 (332) 900 4958 which is registered with the SEC and is a member of FINRA and SIPC.

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. If you are located in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 45-106 Prospectus Exemptions and a "permitted client" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the information contained herein to be construed as investment advice in any province or territory of Canada nor should it be construed as being tailored to the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential loss arising from any use of this research report or the information contained herein.