

# Bank of Baroda

Estimate change



TP change



Rating change



|                       |               |
|-----------------------|---------------|
| Bloomberg             | BOB IN        |
| Equity Shares (m)     | 5171          |
| M.Cap.(INRb)/(USDb)   | 1317.9 / 15.8 |
| 52-Week Range (INR)   | 286 / 173     |
| 1, 6, 12 Rel. Per (%) | -3/17/22      |
| 12M Avg Val (INR M)   | 4362          |

## Financials & Valuations (INR b)

| Y/E March     | FY24  | FY25E | FY26E |
|---------------|-------|-------|-------|
| NII           | 447.2 | 478.3 | 535.6 |
| OP            | 309.7 | 340.1 | 390.6 |
| NP            | 177.9 | 195.6 | 218.5 |
| NIM (%)       | 3.1   | 3.0   | 2.9   |
| EPS (INR)     | 34.4  | 37.8  | 42.2  |
| EPS Gr. (%)   | 26.1  | 10.0  | 11.7  |
| BV/Sh. (INR)  | 211   | 244   | 280   |
| ABV/Sh. (INR) | 194   | 227   | 261   |

## Ratios

|         |      |      |      |
|---------|------|------|------|
| RoE (%) | 17.9 | 17.0 | 16.4 |
| RoA (%) | 1.2  | 1.2  | 1.1  |

## Valuations

|           |     |     |     |
|-----------|-----|-----|-----|
| P/E(X)    | 7.4 | 6.7 | 6.0 |
| P/BV (X)  | 1.2 | 1.0 | 0.9 |
| P/ABV (X) | 1.3 | 1.1 | 1.0 |

## Shareholding pattern (%)

| As On    | Mar-24 | Dec-23 | Mar-23 |
|----------|--------|--------|--------|
| Promoter | 64.0   | 64.0   | 64.0   |
| DII      | 16.3   | 16.0   | 17.0   |
| FII      | 12.4   | 12.3   | 10.9   |
| Others   | 7.3    | 7.8    | 8.1    |

**CMP: INR255**

**TP: INR300 (+18%)**

**Buy**

## In-line adjusted earnings; RoA outlook remains healthy

### Asset quality stable

- Bank of Baroda (BOB) reported in-line 4QFY24 PAT of INR48.9b, up 2% YoY, driven by higher other income. NIMs improved 17bp QoQ, partly supported by recoveries.
- Provisioning expenses were high as the bank further provided for aviation exposure. Opex was also high due to pension provisions and a decline in the discount rate.
- Business growth was healthy, with loans growing 13% YoY (4.1% QoQ) and deposits increasing 10% YoY (6.6% QoQ). The CD ratio, thus, moderated to 80.3%, while LCR too decreased to 121% (vs. 133% in 3Q), aiding margins.
- Slippages increased to 1.2%. Healthy advances growth enabled a decline in GNPA/NNPA by 16bp/2bp QoQ to 2.9%/0.7%. PCR was stable at 77.3%.
- We raise our FY25/FY26 EPS estimates by 1.9%/2.8% to account for stable margin and contained provisions. We estimate FY26 RoA/RoE of 1.22%/17.3%. **We reiterate our BUY rating on the stock.**

## Business growth robust; RoA to remain above 1% in FY25-26E

- PAT grew 2% YoY to INR48.9b (in line), driven by higher other income, which was partly offset by higher opex and higher provisions. Healthy recoveries led to a 17bp QoQ improvement in NIMs to 3.27%. Excluding the one-off item, NIMs stood at 3.15%.
- Other income jumped 21% YoY/49% QoQ to INR41.9b (22% beat), aided by seasonally strong fee income, robust treasury income at INR5.2b (vs. INR380m in 3Q) and interest on IT refund of INR3.13b. Opex grew 14% YoY (8% higher than MOFSLe) due to the wage settlement (INR4b) and the impact (INR4b) of a lower discount rate given the fall in bond-yields. PPOp, thus, increased 16% QoQ to INR81.1b (8% beat).
- Provisions increased 95% QoQ to INR13b (35% higher than MOFSLe). During the quarter, BOB made additional provisions of INR5.5b for aviation exposure, and the account is now 100% provided for.
- Advances grew 4.1% QoQ (up 13% YoY). Among segments, retail loans grew healthy at 6% QoQ (21% YoY), while corporate book grew 5% QoQ (12% YoY). SME/Agri book grew 2.9%/3.3% QoQ. In retail, personal loans grew 8% QoQ (up 52% YoY), gold loans grew 24% QoQ (up 88% YoY), and auto loans grew 4% QoQ (up 24% YoY).
- Deposits grew 10% YoY (7% QoQ). Heavy seasonal CA flows led to a 64bp QoQ improvement in the CASA ratio to 41.3%. BoB expects healthy growth in advances at ~12%-14% in FY25 and looks to reduce growth in PL.
- On the asset quality front, slippages increased to 1.2%. Healthy loan growth enabled a decline in GNPA/NNPA ratios by 16bp/2bp QoQ to 2.9%/0.7%. PCR was stable at 77.3%. SMA 1/2 moderated to 15bp of loans.
- RoA improved to 1.25% in 4Q (1.17% for FY24), while RoE stood at 20.8%.

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**Investors are advised to refer through important disclosures made at the last page of the Research Report.**

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**Highlights from the management commentary**

- Growth in total advances is expected to be 12%-14% in FY25. Deposit is expected grow ~10-12% with a focus on CASA and retail term deposits. The bank is expected to maintain a CD ratio in the range of 80-82%.
- BOB maintains previous NIM guidance of 3.15% (+/- 5bp).
- There has been some seasonal effect of year-end recoveries and excluding that NIMs would have been ~3.15% for 4QFY24.
- BOB has increased its MCLR rate, which improved lending yields.

**Valuation and view: Reiterate BUY with a TP of INR300**

BOB reported an overall steady quarter characterized by one-offs. Adjusting for the one-offs, RoA/RoE stood at healthy levels. Provisions were high as the bank has provided for its aviation exposure (100% provided). Margins expanded 17bp QoQ to 3.27%. Loan growth was healthy at 15% YoY and the bank expects loan growth of 12-14% in FY25. Deposit growth was healthy, while the CASA mix improved. The bank has reduced its dependency on bulk deposits while shifting its focus on CASA and retail TDs, which will support NIMs. BOB has guided for a consistent CD ratio of 80-82%. Asset quality continued to improve, with NNPA at 0.7%, while lower SMA book provides further comfort on asset quality. We raise our FY25/FY26 EPS estimates by 1.9%/2.8% to account for stable margin and contained provisions. We estimate FY26 RoA/RoE of 1.22%/17.3%. **We value the stock at INR300 (1.1x FY26E BV) and reiterate our BUY rating on the stock.**

**Quarterly performance****(INR b)**

|                             | FY23         |              |              |              | FY24         |              |              |              | FY23         | FY24         | FY24E        | V/s       |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|
|                             | 1Q           | 2Q           | 3Q           | 4Q           | 1Q           | 2Q           | 3Q           | 4Q           |              |              | 4QE          | Est       |
| <b>Net Interest Income</b>  | <b>88.4</b>  | <b>101.7</b> | <b>108.2</b> | <b>115.2</b> | <b>110.0</b> | <b>108.3</b> | <b>111.0</b> | <b>117.9</b> | <b>413.6</b> | <b>447.2</b> | <b>113.9</b> | <b>3%</b> |
| % Change (YoY)              | 12.0         | 34.5         | 26.5         | 33.8         | 24.4         | 6.4          | 2.6          | 2.3          | 26.8         | 8.1          | -1.1         |           |
| Other Income                | 11.8         | 18.3         | 35.5         | 34.7         | 33.2         | 41.7         | 28.1         | 41.9         | 100.3        | 145.0        | 34.3         | 22%       |
| <b>Total Income</b>         | <b>100.2</b> | <b>120.0</b> | <b>143.7</b> | <b>149.9</b> | <b>143.2</b> | <b>150.0</b> | <b>139.1</b> | <b>159.8</b> | <b>513.8</b> | <b>592.2</b> | <b>148.3</b> | <b>8%</b> |
| Operating Expenses          | 54.9         | 59.7         | 61.4         | 69.2         | 64.9         | 69.8         | 69.0         | 78.8         | 245.2        | 282.5        | 73.0         | 8%        |
| <b>Operating Profit</b>     | <b>45.3</b>  | <b>60.3</b>  | <b>82.3</b>  | <b>80.7</b>  | <b>78.2</b>  | <b>80.2</b>  | <b>70.2</b>  | <b>81.1</b>  | <b>268.6</b> | <b>309.7</b> | <b>75.2</b>  | <b>8%</b> |
| % Change (YoY)              | -19.2        | 6.4          | 50.1         | 43.3         | 72.8         | 33.0         | -14.8        | 0.4          | 20.0         | 15.3         | -6.8         |           |
| Provisions                  | 16.8         | 16.3         | 24.0         | 14.2         | 19.5         | 21.6         | 6.7          | 13.0         | 71.4         | 60.8         | 9.7          | 35%       |
| <b>Profit before Tax</b>    | <b>28.4</b>  | <b>44.0</b>  | <b>58.3</b>  | <b>66.5</b>  | <b>58.8</b>  | <b>58.6</b>  | <b>63.5</b>  | <b>68.0</b>  | <b>197.3</b> | <b>248.9</b> | <b>65.6</b>  | <b>4%</b> |
| Tax                         | 6.7          | 10.9         | 19.8         | 18.8         | 18.1         | 16.1         | 17.7         | 19.2         | 56.2         | 71.0         | 17.4         | 10%       |
| <b>Net Profit</b>           | <b>21.7</b>  | <b>33.1</b>  | <b>38.5</b>  | <b>47.8</b>  | <b>40.7</b>  | <b>42.5</b>  | <b>45.8</b>  | <b>48.9</b>  | <b>141.1</b> | <b>177.9</b> | <b>48.2</b>  | <b>1%</b> |
| % Change (YoY)              | 79.4         | 58.7         | 75.4         | 168.5        | 87.7         | 28.4         | 18.9         | 2.3          | 94.0         | 26.1         | 0.8          |           |
| <b>Operating Parameters</b> |              |              |              |              |              |              |              |              |              |              |              |           |
| Deposit (INR b)             | 10,327       | 10,902       | 11,495       | 12,037       | 11,999       | 12,496       | 12,453       | 13,270       | 12,037       | 13,270       | 13,269       | 0%        |
| Loan (INR b)                | 7,996        | 8,366        | 8,907        | 9,410        | 9,635        | 9,980        | 10,241       | 10,658       | 9,410        | 10,658       | 10,654       | 0%        |
| Deposit Growth (%)          | 10.9         | 13.6         | 17.5         | 15.1         | 16.2         | 14.6         | 8.3          | 10.2         | 15.1         | 10.2         | 10.2         |           |
| Loan Growth (%)             | 19.6         | 20.6         | 21.7         | 21.1         | 20.5         | 19.3         | 15.0         | 13.3         | 21.1         | 13.3         | 13.2         |           |
| <b>Asset Quality</b>        |              |              |              |              |              |              |              |              |              |              |              |           |
| Gross NPA (%)               | 6.3          | 5.3          | 4.5          | 3.8          | 3.5          | 3.3          | 3.1          | 2.9          | 3.8          | 2.9          | 2.9          |           |
| Net NPA (%)                 | 1.6          | 1.2          | 1.0          | 0.9          | 0.8          | 0.8          | 0.7          | 0.7          | 0.9          | 0.7          | 0.6          |           |
| PCR (%)                     | 75.9         | 79.1         | 78.8         | 77.2         | 78.5         | 77.6         | 77.7         | 77.3         | 76.7         | 76.7         | 78.3         |           |
| RoA (%)                     | 0.7          | 1.0          | 1.1          | 1.3          |              |              |              |              | 1.0          | 1.2          |              |           |
| RoE (%)                     | 13.6         | 19.6         | 21.1         | 24.8         |              |              |              |              | 16.5         | 17.9         |              |           |
| CASA (%)                    | 44.2         | 42.8         | 41.6         |              |              |              |              |              | 39.5         | 35.4         |              |           |
| Margins (%)                 | 3.0          | 3.3          | 3.4          | 3.5          |              |              |              |              | 3.2          | 3.1          |              |           |

E: MOFSL Estimates

## Quarterly snapshot

| INR b                            | FY23   |        |        |        | FY24   |        |        |        | Change (%)   |       |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|-------|
|                                  | 1Q     | 2Q     | 3Q     | 4Q     | 1Q     | 2Q     | 3Q     | 4Q     | YoY          | QoQ   |
| <b>Profit and Loss</b>           |        |        |        |        |        |        |        |        |              |       |
| Net Interest Income              | 88.4   | 101.7  | 108.2  | 115.2  | 110.0  | 108.3  | 111.0  | 117.9  | 2            | 6     |
| Other Income                     | 11.8   | 18.3   | 35.5   | 34.7   | 33.2   | 41.7   | 28.1   | 41.9   | 21           | 49    |
| Trading profits                  | -7.7   | -2.4   | 9.6    | 1.2    | 9.6    | 4.8    | 0.4    | 5.2    | 325          | 1,266 |
| Total Income                     | 100.2  | 120.0  | 143.7  | 149.9  | 143.2  | 150.0  | 139.1  | 159.8  | 7            | 15    |
| Operating Expenses               | 54.9   | 59.7   | 61.4   | 69.2   | 64.9   | 69.8   | 69.0   | 78.8   | 14           | 14    |
| Employee                         | 30.4   | 31.8   | 33.5   | 37.8   | 37.5   | 37.1   | 38.1   | 45.5   | 20           | 19    |
| Others                           | 24.5   | 27.9   | 27.9   | 31.4   | 27.4   | 32.8   | 30.9   | 33.3   | 6            | 8     |
| Operating Profits                | 45.3   | 60.3   | 82.3   | 80.7   | 78.2   | 80.2   | 70.2   | 81.1   | 0            | 16    |
| Core Operating Profits           | 53.0   | 62.7   | 72.7   | 79.5   | 68.7   | 75.4   | 69.8   | 75.9   | -5           | 9     |
| Provisions                       | 16.8   | 16.3   | 24.0   | 14.2   | 19.5   | 21.6   | 6.7    | 13.0   | -8           | 95    |
| PBT                              | 28.4   | 44.0   | 58.3   | 66.5   | 58.8   | 58.6   | 63.5   | 68.0   | 2            | 7     |
| Taxes                            | 6.7    | 10.9   | 19.8   | 18.8   | 18.1   | 16.1   | 17.7   | 19.2   | 2            | 8     |
| PAT                              | 21.7   | 33.1   | 38.5   | 47.8   | 40.7   | 42.5   | 45.8   | 48.9   | 2            | 7     |
| <b>Balance Sheet (INR b)</b>     |        |        |        |        |        |        |        |        |              |       |
| Deposits                         | 10,327 | 10,902 | 11,495 | 12,037 | 11,999 | 12,496 | 12,453 | 13,270 | 10           | 7     |
| Loans                            | 7,996  | 8,366  | 8,907  | 9,410  | 9,635  | 9,980  | 10,241 | 10,658 | 13           | 4     |
| <b>Loan mix (INR b)</b>          |        |        |        |        |        |        |        |        |              |       |
| Retail                           | 1,475  | 1,585  | 1,669  | 1,780  | 1,841  | 1,937  | 2,036  | 2,149  | 21           | 6     |
| MSME                             | 970    | 1,013  | 1,030  | 1,082  | 1,092  | 1,135  | 1,160  | 1,194  | 10           | 3     |
| Agriculture                      | 1,109  | 1,150  | 1,192  | 1,242  | 1,276  | 1,307  | 1,342  | 1,386  | 12           | 3     |
| Corporate                        | 3,027  | 3,017  | 3,292  | 3,404  | 3,468  | 3,516  | 3,628  | 3,797  | 12           | 5     |
| Others                           | -      | 403    | 420    | 447    | 449    | 453    | 454    | 454    | 2            | 0     |
| <b>Loan mix (%)</b>              |        |        |        |        |        |        |        |        |              |       |
| Retail                           | 17.6   | 18.1   | 18.1   | 18.4   | 18.6   | 18.9   | 19.4   | 19.7   | 135          | 30    |
| MSME                             | 11.5   | 11.6   | 11.1   | 11.2   | 11.0   | 11.1   | 11.1   | 11.0   | -21          | -10   |
| Agriculture                      | 13.2   | 13.2   | 12.9   | 12.8   | 12.9   | 12.8   | 12.8   | 12.7   | -10          | -8    |
| Corporate                        | 36.0   | 34.5   | 35.6   | 35.1   | 35.0   | 34.3   | 34.6   | 34.8   | -29          | 25    |
| Others                           | 0.0    | 4.6    | 4.5    | 0.0    | 4.5    | 4.4    | 4.3    | 4.2    | 416          | -17   |
| <b>Asset Quality (INR b)</b>     |        |        |        |        |        |        |        |        |              |       |
| GNPA                             | 525.9  | 463.7  | 418.6  | 367.6  | 348.3  | 339.7  | 323.2  | 318.3  | -13          | -1    |
| NNPA                             | 126.5  | 96.7   | 88.5   | 83.8   | 74.8   | 76.0   | 72.1   | 72.1   | -14          | 0     |
| Slippages                        | 43.5   | 44.7   | 28.8   | 27.4   | 27.6   | 47.5   | 26.2   | 32.0   | 17           | 22    |
| <b>Ratios</b>                    |        |        |        |        |        |        |        |        |              |       |
| Asset Quality ratios (%)         | FY23   |        |        |        | FY24   |        |        |        | Change (bps) |       |
|                                  | 1Q     | 2Q     | 3Q     | 4Q     | 1Q     | 2Q     | 3Q     | 4Q     | YoY          | QoQ   |
| GNPA                             | 6.3    | 5.3    | 4.5    | 3.8    | 3.5    | 3.3    | 3.1    | 2.9    | -87          | -16   |
| NNPA                             | 1.6    | 1.2    | 1.0    | 0.9    | 0.8    | 0.8    | 0.7    | 0.7    | -21          | -2    |
| Slippage ratio                   | 2.0    | 2.0    | 1.2    | 1.2    | 1.2    | 2.1    | 1.1    | 1.2    | 6            | 15    |
| PCR                              | 89.4   | 91.7   | 92.3   | 92.4   | 93.2   | 93.2   | 93.4   | 93.3   | 87           | -9    |
| Credit Cost                      | 0.9    | 0.9    | 1.2    | 0.7    | 0.9    | 1.0    | 0.3    | 0.6    | -7           | 31    |
| <b>Business Ratios (%)</b>       |        |        |        |        |        |        |        |        |              |       |
| Other income to Total Income     | 11.8   | 15.2   | 24.7   | 23.1   | 23.2   | 27.8   | 20.2   | 26.2   | 310          | 602   |
| Cost to Income                   | 54.8   | 49.7   | 42.7   | 46.1   | 45.4   | 46.5   | 49.6   | 49.3   | 314          | -29   |
| Tax Rate                         | 23.7   | 24.8   | 33.9   | 28.2   | 30.8   | 27.4   | 27.9   | 28.2   | -3           | 31    |
| CASA Reported                    | 44.2   | 42.8   | 41.6   | 42.3   | 40.3   | 39.9   | 40.7   | 41.3   | -92          | 64    |
| Loan/Deposit                     | 77.4   | 76.7   | 77.5   | 78.2   | 80.3   | 79.9   | 82.2   | 80.3   | 214          | -192  |
| Cost to Asset                    | 1.8    | 1.9    | 1.9    | 2.0    | 1.9    | 2.0    | 1.9    | 2.1    | 5            | 19    |
| <b>Capitalization Ratios (%)</b> |        |        |        |        |        |        |        |        |              |       |
| Tier-1                           | 13.0   | 12.8   | 12.6   | 14.0   | 13.6   | 13.2   | 12.7   | 14.1   | 8            | 140   |
| - CET 1                          | 11.2   | 11.0   | 10.8   | 12.2   | 11.9   | 11.6   | 11.1   | 12.5   | 30           | 143   |
| CAR                              | 15.5   | 15.3   | 14.9   | 16.2   | 15.8   | 15.3   | 14.7   | 16.3   | 7            | 159   |
| RWA / Total Assets               | 53.0   | 52.3   | 52.7   | 51.0   | 52.0   | 52.0   | 52.9   | 52.2   | 121          | -71   |
| <b>Profitability Ratios (%)</b>  |        |        |        |        |        |        |        |        |              |       |
| Yield on loans                   | 7.4    | 8.0    | 8.5    | 9.0    | 8.9    | 8.9    | 9.0    | 9.3    | 22           | 30    |
| Cost of Deposits                 | 3.5    | 3.6    | 4.0    | 4.4    | 4.7    | 4.9    | 5.0    | 5.1    | 63           | 10    |
| Margins                          | 3.0    | 3.3    | 3.4    | 3.5    | 3.3    | 3.1    | 3.1    | 3.3    | -26          | 17    |
| RoE                              | 13.6   | 19.6   | 21.1   | 24.8   | 20.0   | 19.7   | 19.9   | 20.8   | -399         | 92    |
| RoA                              | 0.7    | 1.0    | 1.1    | 1.3    | 1.1    | 1.1    | 1.2    | 1.3    | -9           | 5     |



## Highlights from the management commentary

### Balance sheet and P&L

- Global advances grew 12.5% YoY, domestic advances grew 12.9% YoY and international advances grew 10.6% YoY.
- The percentage of investments in SLR Securities to NDTL as of Mar'24 was 26.11%.
- The bank has LCR ratio of 120.6% in FY24 as it wants to realign some assets (both domestic and international) and is expected to remain at 120% and above going forward.
- BoB saw an almost 100bp increase in deposit costs as the liquidity scenario remained tight.
- There has been some seasonal effect of year-end recoveries and excluding that NIMs would have been ~3.15% for 4QFY24.
- Other income increased due to treasury income of INR5.2b and interest on IT refund of INR3.13b.
- The wage settlement had an impact of INR4b on account of retirals, but the fall in bond yields at the end of Mar'24 and a steep decline in the discount rate led to another INR4b impact, which is unlikely to repeat.
- Growth in international deposits was higher due to treasury operation. Also, investment in international has gone up by INR15b.
- Fee side will be sustainable as a licensee vertical has been created and was fully stabilized across the bank, particularly for mid corporate and large corporate last year. BOB has made structural changes ; therefore, fees will be sustainable and will optimize beyond 16% as far as growth in future is concerned.
- In line with the bank's guidance of moderate growth, personal loan book grew 52% YoY in 4Q vs. 61% YoY growth in 3Q.
- Deposit growth stood at 10.2% vs. the guidance of 12%. The bank is reducing its dependency on wholesale deposits.
- RoA stood at 1.25% in 4QFY24 and 1.17% in FY24 vs. guidance of 1%.
- Retail book crossed INR2t and the bank expects this to grow at a similar pace.
- There will be a dip in trading profits due to new investment guidelines, but the bank is confident that income from investments will be healthy.
- It expects moderation in interest rates in 2QFY25 and 3QFY25.
- BoB is increasing pricing on MCLR, and repricing is done; therefore, yields have increased.
- O/S restructured book declined to INR81.5b in the current quarter.
- The bank provided marginally above 17% for the wage revision, hence no write back.
- Fee income growth was healthy. The bank has made some structural changes and will look to optimize growth. A lot of fee and commission used to come out from PL; the bank deliberately reduced growth in PL.

### Provisions and RBI regulation

- Slippages increased due to two large accounts: one aviation account of INR17b and one international account of INR5b.
- This quarter, the bank has provided INR5.5b on the aviation account (100% provided).

- Due to RBI regulation on risk weights, there was a 65bp impact on the capital adequacy ratio. CRAR, thus, stood at 16.3%.
- BOB expects credit cost to have a less than 10bp impact due to the RBI draft guideline on provisions on project finance. But the bank is yet to analyze the actual impact.

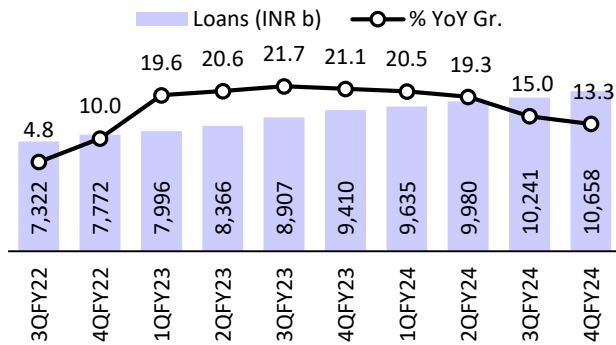
#### Asset quality

- GNPA/NNPA ratios improved by 16/2bp QoQ to 2.9%/0.7%.
- As of 4Q, the GNPA ratio was 0.98% for housing loans (ex-pool), 1.34% for auto loans (ex-pool), 1.95% for PL, and 0.67% for retail gold loan.
- PCR under NCLT accounts was 99.99%.
- Next year, a recovery in written-off accounts is expected to be same as last year at ~INR51b.
- BOB is making efforts to move GNPA/NNPA ratios toward 2.5%/0.5% going forward.
- It will see accretion in reserve by substantial amount due to new investment guideline.
- Slippages guidance was 1-1.2% and current quarter slippages are at the higher end.

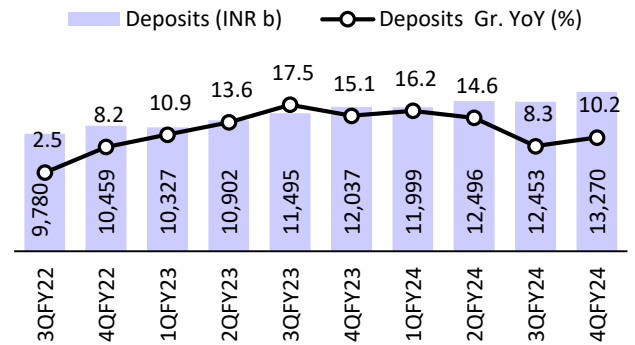
#### Guidance

- The bank maintains previous NIM guidance of 3.15% (+/- 5bp).
- Growth in total advances is expected to be 12%-14% in FY25. BOB looks to reduce growth in the PL segment and focus on retail.
- The bank is expected to maintain a CD ratio in the range of 80-82%.
- Deposit growth is expected to be ~10-12%, with a focus on CASA and retail term deposits.
- Credit cost guidance is less than 1% and slippages are expected to remain in the range of 1-1.25%.
- The bank guides for RoA of ~1.1% in FY25.

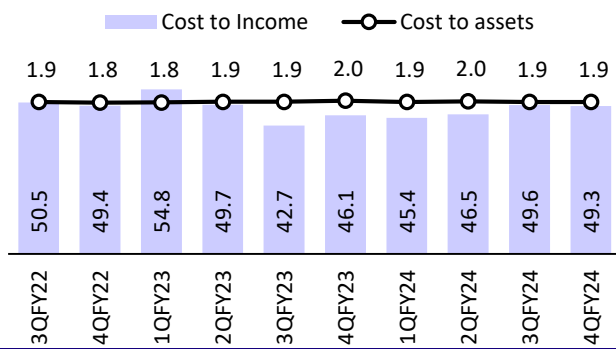
## Story in charts

**Exhibit 1: Loan book grew ~13% YoY (up 4.1% QoQ)**


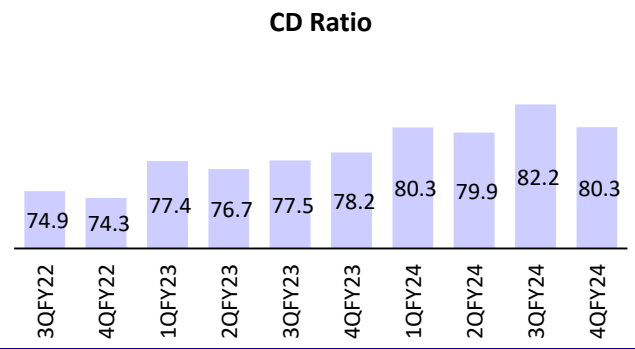
Source: MOFSL, Company

**Exhibit 2: Deposit book grew 10% YoY (up 6.6% QoQ)**


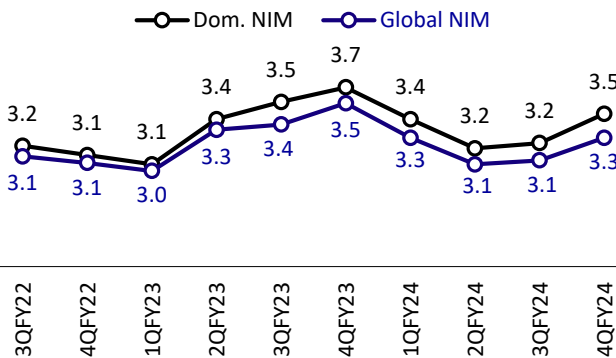
Source: MOFSL, Company

**Exhibit 3: Cost-to-income stood at ~49%**


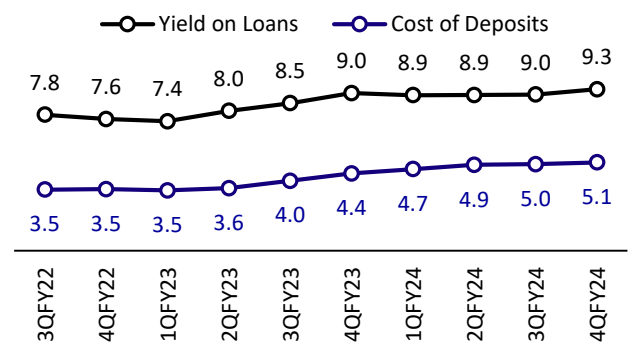
Source: MOFSL, Company

**Exhibit 4: CD ratio stood at 80%**


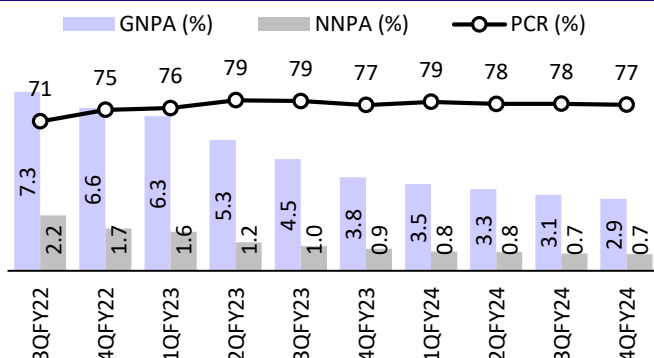
Source: MOFSL, Company

**Exhibit 5: Domestic/global NIMs improved 22bp/17bp QoQ**


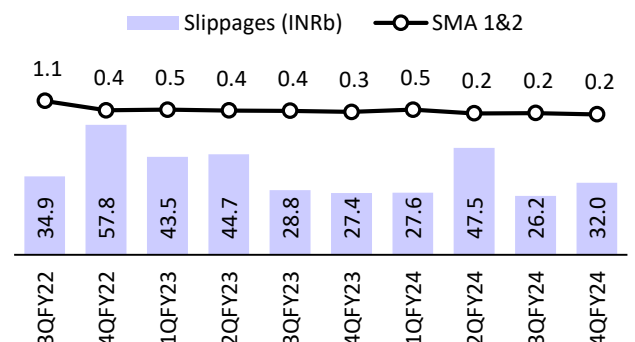
Source: MOFSL, Company

**Exhibit 6: Loan yield increased to 9.3%; CoD rose to 5.1% (up 10bp QoQ)**


Source: MOFSL, Company

**Exhibit 7: GNPA/NNPA ratios improve; PCR largely stable**


Source: MOFSL, Company

**Exhibit 8: Gross slippages increased to INR32b in 4QFY24**


Source: MOFSL, Company

**Valuation and view: Reiterate BUY with a TP of INR300**

- BOB reported an overall steady quarter characterized by one-offs. Adjusting for one-offs, RoA/RoE stood at healthy levels. Provisions were high as the bank provided for its aviation exposure (100% provided). Margins expanded 17bp QoQ to 3.27%.
- Loan growth was healthy at 15% YoY and the bank expects to grow loans by 12-14% in FY25. Deposit growth was healthy, while the CASA mix improved. The bank has reduced its dependency on bulk deposits while shifting its focus on CASA and retail TDs, which will support NIMs. BOB has guided for a consistent CD ratio at 80-82%.
- Asset quality continued to improve, with NNPA at 0.7%. Lower SMA book provides further comfort on asset quality.
- We raise our FY25/FY26 EPS estimates by 1.9%/2.8% to account for stable margin and contained provisions. We estimate FY26 RoA/RoE of 1.22%/17.3%.  
**We value the stock at INR300 (1.1x FY26E BV) and reiterate our BUY rating on the stock.**

**Exhibit 9: Change in Estimates**

| INR B                      | Old Est      |              | Rev Est      |              | Change (%/bps) |             |
|----------------------------|--------------|--------------|--------------|--------------|----------------|-------------|
|                            | FY25         | FY26         | FY25         | FY26         | FY25           | FY26        |
| <b>Net Interest Income</b> | <b>493.5</b> | <b>556.8</b> | <b>486.8</b> | <b>544.9</b> | <b>-1.3</b>    | <b>-2.1</b> |
| Other Income               | 158.0        | 181.7        | 160.9        | 181.8        | 1.9            | 0.1         |
| <b>Total Income</b>        | <b>651.4</b> | <b>738.5</b> | <b>647.7</b> | <b>726.7</b> | <b>-0.6</b>    | <b>-1.6</b> |
| Operating Expenses         | 304.9        | 336.7        | 302.3        | 326.3        | -0.9           | -3.1        |
| <b>Operating Profits</b>   | <b>346.5</b> | <b>401.8</b> | <b>345.4</b> | <b>400.4</b> | <b>-0.3</b>    | <b>-0.3</b> |
| Provisions                 | 75.6         | 95.1         | 69.4         | 85.2         | -8.2           | -10.4       |
| <b>PBT</b>                 | <b>271.0</b> | <b>306.7</b> | <b>276.0</b> | <b>315.3</b> | <b>1.9</b>     | <b>2.8</b>  |
| Tax                        | 70.7         | 80.1         | 72.0         | 82.3         | 1.9            | 2.8         |
| <b>PAT</b>                 | <b>200.2</b> | <b>226.7</b> | <b>204.0</b> | <b>233.0</b> | <b>1.9</b>     | <b>2.8</b>  |
| Loans                      | 12,144       | 13,819       | 12,075       | 13,681       | -0.6           | -1.0        |
| Deposits                   | 14,707       | 16,590       | 14,796       | 16,601       | 0.6            | 0.1         |
| Margins (%)                | 3.0          | 3.0          | 3.0          | 3.0          | (3)            | (6)         |
| Credit Cost (%)            | 0.7          | 0.7          | 0.6          | 0.6          | (7)            | (7)         |
| <b>RoA (%)</b>             | <b>1.18</b>  | <b>1.18</b>  | <b>1.21</b>  | <b>1.22</b>  | <b>3</b>       | <b>4</b>    |
| <b>RoE (%)</b>             | <b>17.3</b>  | <b>16.9</b>  | <b>17.7</b>  | <b>17.3</b>  | <b>34</b>      | <b>37</b>   |
| <b>BV</b>                  | <b>244.5</b> | <b>282.3</b> | <b>245.4</b> | <b>284.4</b> | <b>0.4</b>     | <b>0.7</b>  |
| ABV                        | 227.6        | 263.4        | 228.2        | 265.8        | 0.2            | 0.9         |
| EPS                        | 38.7         | 43.8         | 39.4         | 45.0         | 1.9            | 2.8         |



Exhibit 10: One-year forward P/B

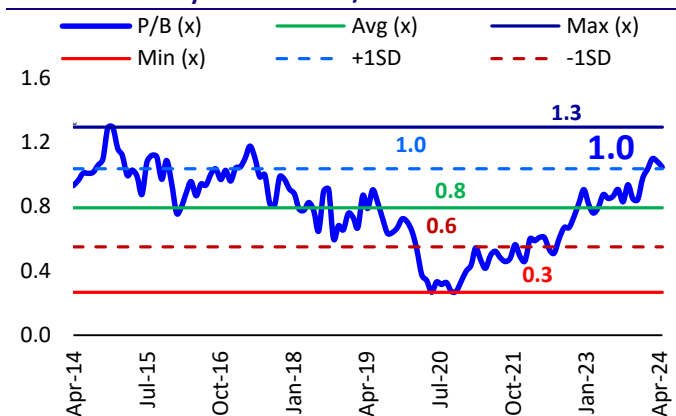


Exhibit 11: One-year forward P/E

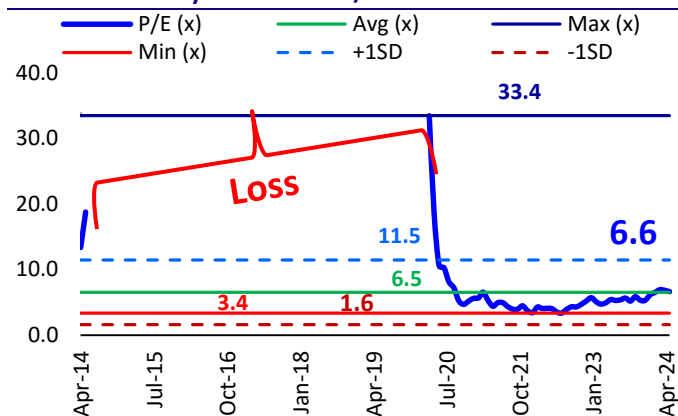


Exhibit 12: DuPont Analysis: Expect return ratios to improve over FY25-26

| Y/E MARCH                     | FY20         | FY21        | FY22        | FY23        | FY24        | FY25E       | FY26E       |
|-------------------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Interest Income               | 7.84         | 6.09        | 5.74        | 6.55        | 7.40        | 7.58        | 7.49        |
| Interest Expense              | 5.01         | 3.60        | 3.06        | 3.53        | 4.46        | 4.70        | 4.63        |
| <b>Net Interest Income</b>    | <b>2.83</b>  | <b>2.49</b> | <b>2.68</b> | <b>3.02</b> | <b>2.94</b> | <b>2.88</b> | <b>2.85</b> |
| <b>Other income</b>           | <b>1.06</b>  | <b>1.12</b> | <b>0.94</b> | <b>0.73</b> | <b>0.95</b> | <b>0.95</b> | <b>0.95</b> |
| <b>Total Income</b>           | <b>3.90</b>  | <b>3.61</b> | <b>3.63</b> | <b>3.76</b> | <b>3.89</b> | <b>3.83</b> | <b>3.81</b> |
| <b>Operating Expenses</b>     | <b>1.95</b>  | <b>1.78</b> | <b>1.78</b> | <b>1.79</b> | <b>1.86</b> | <b>1.79</b> | <b>1.71</b> |
| Employee cost                 | 0.99         | 0.99        | 0.98        | 1.0         | 1.0         | 1.0         | 1.0         |
| Others                        | 0.96         | 0.79        | 0.80        | 0.82        | 0.86        | 0.81        | 0.75        |
| <b>Operating Profits</b>      | <b>1.95</b>  | <b>1.83</b> | <b>1.84</b> | <b>1.96</b> | <b>2.03</b> | <b>2.04</b> | <b>2.10</b> |
| <b>Core operating Profits</b> | <b>1.67</b>  | <b>1.54</b> | <b>1.62</b> | <b>1.89</b> | <b>1.97</b> | <b>2.00</b> | <b>2.06</b> |
| <b>Provisions</b>             | <b>2.14</b>  | <b>1.35</b> | <b>1.07</b> | <b>0.52</b> | <b>0.40</b> | <b>0.41</b> | <b>0.45</b> |
| <b>PBT</b>                    | <b>-0.19</b> | <b>0.48</b> | <b>0.77</b> | <b>1.44</b> | <b>1.64</b> | <b>1.63</b> | <b>1.65</b> |
| Tax                           | -0.24        | 0.41        | 0.17        | 0.41        | 0.47        | 0.43        | 0.43        |
| <b>RoA (%)</b>                | <b>0.06</b>  | <b>0.07</b> | <b>0.60</b> | <b>1.03</b> | <b>1.17</b> | <b>1.21</b> | <b>1.22</b> |
| <i>Leverage (x)</i>           | 17.3         | 16.8        | 16.1        | 16.0        | 15.3        | 14.7        | 14.2        |
| <b>RoE (%)</b>                | <b>1.0</b>   | <b>1.2</b>  | <b>9.7</b>  | <b>16.5</b> | <b>17.9</b> | <b>17.7</b> | <b>17.3</b> |



## Financials and valuations

| Income Statement             |              |              |              |              |              |              | (INRb)       |              |
|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Y/E March                    | FY19         | FY20         | FY21         | FY22         | FY23         | FY24         | FY25E        | FY26E        |
| Interest Income              | 497.7        | 759.8        | 705.0        | 698.8        | 895.9        | 1,126.1      | 1,282.4      | 1,428.9      |
| Interest Expense             | 312.9        | 485.3        | 416.9        | 372.6        | 482.3        | 678.8        | 795.6        | 884.0        |
| <b>Net Interest Income</b>   | <b>184.8</b> | <b>274.5</b> | <b>288.1</b> | <b>326.2</b> | <b>413.6</b> | <b>447.2</b> | <b>486.8</b> | <b>544.9</b> |
| Growth (%)                   | 19.1         | 48.5         | 4.9          | 13.2         | 26.8         | 8.1          | 8.9          | 11.9         |
| Non-Interest Income          | 62.9         | 103.2        | 129.3        | 114.8        | 100.3        | 145.0        | 160.9        | 181.8        |
| <b>Total Income</b>          | <b>247.7</b> | <b>377.7</b> | <b>417.4</b> | <b>441.1</b> | <b>513.8</b> | <b>592.2</b> | <b>647.7</b> | <b>726.7</b> |
| Growth (%)                   | 11.7         | 52.4         | 10.5         | 5.7          | 16.5         | 15.2         | 9.4          | 12.2         |
| Operating Expenses           | 112.9        | 188.7        | 205.4        | 217.2        | 245.2        | 282.5        | 302.3        | 326.3        |
| <b>Pre Provision Profits</b> | <b>134.9</b> | <b>189.0</b> | <b>212.0</b> | <b>223.9</b> | <b>268.6</b> | <b>309.7</b> | <b>345.4</b> | <b>400.4</b> |
| Growth (%)                   | 12.3         | 40.1         | 12.2         | 5.6          | 20.0         | 15.3         | 11.6         | 15.9         |
| <b>Core PPop</b>             | <b>125.0</b> | <b>161.5</b> | <b>178.2</b> | <b>196.6</b> | <b>258.0</b> | <b>300.6</b> | <b>337.7</b> | <b>393.9</b> |
| Growth (%)                   | 23.4         | 29.2         | 10.4         | 10.3         | 31.2         | 16.5         | 12.4         | 16.6         |
| Provisions                   | 127.9        | 207.0        | 156.4        | 130.0        | 71.4         | 60.8         | 69.4         | 85.2         |
| <b>PBT</b>                   | <b>7.0</b>   | <b>-18.0</b> | <b>55.6</b>  | <b>93.9</b>  | <b>197.3</b> | <b>248.9</b> | <b>276.0</b> | <b>315.3</b> |
| Tax                          | 2.6          | -23.5        | 47.3         | 21.1         | 56.2         | 71.0         | 72.0         | 82.3         |
| Tax Rate (%)                 | 37.9         | 130.3        | 85.1         | 22.5         | 28.5         | 28.5         | 26.1         | 26.1         |
| <b>PAT</b>                   | <b>4.3</b>   | <b>5.5</b>   | <b>8.3</b>   | <b>72.7</b>  | <b>141.1</b> | <b>177.9</b> | <b>204.0</b> | <b>233.0</b> |
| Growth (%)                   | -117.8       | 26.0         | 51.8         | 777.3        | 94.0         | 26.1         | 14.7         | 14.2         |

| Balance Sheet             |                |                 |                 |                 |                 |                 |                 |                 |
|---------------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Y/E March                 | FY19           | FY20            | FY21            | FY22            | FY23            | FY24            | FY25E           | FY26E           |
| Equity Share Capital      | 5.3            | 9.3             | 10.4            | 10.4            | 10.4            | 10.4            | 10.4            | 10.4            |
| Preference Share Capital  | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| Reserves & Surplus        | 504.5          | 709.3           | 760.1           | 848.7           | 971.9           | 1,111.9         | 1,292.5         | 1,494.2         |
| <b>Net Worth</b>          | <b>509.8</b>   | <b>718.6</b>    | <b>770.5</b>    | <b>859.1</b>    | <b>982.2</b>    | <b>1,122.2</b>  | <b>1,302.8</b>  | <b>1,504.6</b>  |
| <b>Deposits</b>           | <b>6,386.9</b> | <b>9,459.8</b>  | <b>9,670.0</b>  | <b>10,459.4</b> | <b>12,036.9</b> | <b>13,269.6</b> | <b>14,795.6</b> | <b>16,600.6</b> |
| Growth (%)                | 8.0            | 48.1            | 2.2             | 8.2             | 15.1            | 10.2            | 11.5            | 12.2            |
| - CASA Dep                | <b>2,237.9</b> | <b>3,338.2</b>  | <b>3,882.8</b>  | <b>4,336.1</b>  | <b>4,751.0</b>  | <b>4,697.4</b>  | <b>5,178.5</b>  | <b>5,810.2</b>  |
| Growth (%)                | 5.7            | 49.2            | 16.3            | 11.7            | 9.6             | -1.1            | 10.2            | 12.2            |
| Borrowings                | 672.0          | 930.7           | 668.5           | 1,039.0         | 1,019.1         | 944.0           | 1,273.5         | 1,406.2         |
| Other Liabilities & Prov. | 241.1          | 470.1           | 444.7           | 422.5           | 547.4           | 522.1           | 600.5           | 690.5           |
| <b>Total Liabilities</b>  | <b>7,809.9</b> | <b>11,579.2</b> | <b>11,553.6</b> | <b>12,780.0</b> | <b>14,585.6</b> | <b>15,858.0</b> | <b>17,972.4</b> | <b>20,202.0</b> |
| Current Assets            | 892.3          | 1,219.0         | 1,204.1         | 1,226.5         | 957.0           | 951.2           | 1,140.9         | 1,260.5         |
| <b>Investments</b>        | <b>1,823.0</b> | <b>2,746.1</b>  | <b>2,612.2</b>  | <b>3,158.0</b>  | <b>3,624.9</b>  | <b>3,698.2</b>  | <b>4,141.9</b>  | <b>4,597.6</b>  |
| Growth (%)                | 11.7           | 50.6            | -4.9            | 20.9            | 14.8            | 2.0             | 12.0            | 11.0            |
| <b>Loans</b>              | <b>4,688.2</b> | <b>6,901.2</b>  | <b>7,063.0</b>  | <b>7,771.6</b>  | <b>9,410.0</b>  | <b>10,657.8</b> | <b>12,075.3</b> | <b>13,681.3</b> |
| Growth (%)                | 9.7            | 47.2            | 2.3             | 10.0            | 21.1            | 13.3            | 13.3            | 13.3            |
| Fixed Assets              | 69.9           | 88.9            | 80.2            | 99.2            | 87.1            | 79.1            | 85.5            | 89.7            |
| Other Assets              | 336.5          | 623.9           | 594.1           | 524.7           | 506.7           | 471.6           | 528.7           | 572.9           |
| <b>Total Assets</b>       | <b>7,809.9</b> | <b>11,579.2</b> | <b>11,553.6</b> | <b>12,780.0</b> | <b>14,585.6</b> | <b>15,858.0</b> | <b>17,972.4</b> | <b>20,202.0</b> |

| Asset Quality              |       |       |       |       |       |       |       |       |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| GNPA                       | 482.3 | 693.8 | 666.7 | 540.6 | 367.6 | 318.3 | 316.5 | 335.3 |
| NNPA                       | 156.1 | 215.8 | 218.0 | 133.6 | 85.5  | 72.1  | 70.8  | 74.7  |
| Slippages                  |       |       | 200.1 | 142.6 | 111.5 | 104.0 | 147.8 | 173.9 |
| GNPA Ratio                 | 9.6   | 9.4   | 8.9   | 6.6   | 3.8   | 2.9   | 2.6   | 2.4   |
| NNPA Ratio                 | 3.3   | 3.1   | 3.1   | 1.7   | 0.9   | 0.7   | 0.6   | 0.5   |
| Slippage Ratio             | 3.0   | 3.4   | 2.8   | 1.8   | 1.2   | 1.2   | 1.3   | 1.4   |
| Credit Cost                | 2.7   | 2.9   | 1.7   | 2.0   | 0.5   | 0.6   | 0.6   | 0.6   |
| PCR (Excl Tech. write off) | 67.6  | 68.9  | 67.3  | 75.3  | 76.7  | 77.4  | 77.6  | 77.7  |

E: MOFSL Estimates

## Financials and valuations

### Ratios

| Y/E March                                 | FY19         | FY20         | FY21         | FY22        | FY23       | FY24       | FY25E      | FY26E      |
|-------------------------------------------|--------------|--------------|--------------|-------------|------------|------------|------------|------------|
| <b>Yield and Cost Ratios (%)</b>          |              |              |              |             |            |            |            |            |
| <b>Avg. Yield-Earning Assets</b>          | <b>7.0</b>   | <b>7.0</b>   | <b>6.5</b>   | <b>5.7</b>  | <b>6.9</b> | <b>7.7</b> | <b>7.9</b> | <b>7.7</b> |
| Avg. Yield on loans                       | 7.7          | 7.8          | 7.1          | 6.3         | 7.5        | 8.5        | 8.7        | 8.5        |
| Avg. Yield on Investments                 | 7.5          | 6.6          | 6.6          | 5.6         | 6.6        | 6.9        | 6.9        | 6.9        |
| <b>Avg. Cost-Int. Bear. Liab.</b>         | <b>4.6</b>   | <b>4.7</b>   | <b>4.0</b>   | <b>3.2</b>  | <b>3.9</b> | <b>5.0</b> | <b>5.3</b> | <b>5.2</b> |
| Avg. Cost of Deposits                     | 4.5          | 4.6          | 3.9          | 3.2         | 3.7        | 4.9        | 5.1        | 5.1        |
| <b>Interest Spread</b>                    | <b>2.4</b>   | <b>2.3</b>   | <b>2.4</b>   | <b>2.5</b>  | <b>2.9</b> | <b>2.7</b> | <b>2.6</b> | <b>2.6</b> |
| <b>Net Interest Margin</b>                | <b>2.6</b>   | <b>2.5</b>   | <b>2.7</b>   | <b>2.7</b>  | <b>3.2</b> | <b>3.1</b> | <b>3.0</b> | <b>3.0</b> |
| <b>Capitalization Ratios (%)</b>          |              |              |              |             |            |            |            |            |
| CAR                                       | 13.4         | 13.9         | 15.7         | 15.7        | 16.2       | 16.3       | 15.9       | 15.6       |
| Tier I                                    | 11.6         | 11.3         | 13.5         | 13.2        | 14.0       | 14.1       | 13.8       | 13.7       |
| Tier II                                   | 1.9          | 2.6          | 2.3          | 2.5         | 2.3        | 2.2        | 2.0        | 1.9        |
| CET-1                                     | 0.0          | 0.0          | 10.9         | 11.4        | 12.2       | 13.4       | 14.3       | 15.2       |
| <b>Business and Efficiency Ratios (%)</b> |              |              |              |             |            |            |            |            |
| Loans/Deposit Ratio                       | 73.4         | 73.0         | 73.0         | 74.3        | 78.2       | 80.3       | 81.6       | 82.4       |
| CASA Ratio                                | 35.0         | 35.3         | 40.2         | 41.5        | 39.5       | 35.4       | 35.0       | 35.0       |
| Cost/Assets                               | 1.4          | 1.6          | 1.8          | 1.7         | 1.7        | 1.8        | 1.7        | 1.6        |
| Cost/Total Income                         | 45.6         | 50.0         | 49.2         | 49.2        | 47.7       | 47.7       | 46.7       | 44.9       |
| Cost/Core Income                          | 47.5         | 53.9         | 53.5         | 52.5        | 48.7       | 48.4       | 47.2       | 45.3       |
| Int. Expense/Int.Income                   | 62.9         | 63.9         | 59.1         | 53.3        | 53.8       | 60.3       | 62.0       | 61.9       |
| Fee Income/Total Income                   | 21.4         | 20.0         | 22.9         | 19.9        | 17.4       | 23.0       | 23.7       | 24.1       |
| Non Int. Inc./Total Income                | 25.4         | 27.3         | 31.0         | 26.0        | 19.5       | 24.5       | 24.8       | 25.0       |
| Empl. Cost/Total Expense                  | 44.6         | 50.7         | 55.7         | 55.2        | 54.5       | 53.9       | 54.9       | 55.9       |
| CASA per branch (INR m)                   | 403.0        | 352.1        | 470.2        | 528.2       | 576.6      | 564.4      | 616.1      | 684.4      |
| Deposits per branch (INR m)               | 1,150.2      | 997.7        | 1,171.0      | 1,274.1     | 1,460.8    | 1,594.4    | 1,760.2    | 1,955.4    |
| Busins per Emp. (INR m)                   | 198.6        | 194.1        | 201.9        | 228.4       | 274.5      | 303.2      | 337.2      | 376.2      |
| Profit per Emp. (INR m)                   | 0.1          | 0.1          | 0.1          | 0.9         | 1.8        | 2.3        | 2.6        | 2.9        |
| Investment/Deposit Ratio                  | 28.5         | 29.0         | 27.0         | 30.2        | 30.1       | 27.9       | 28.0       | 27.7       |
| G-Sec/Investment Ratio                    | 87.2         | 88.9         | 86.8         | 86.5        | 86.9       | 86.9       | 86.9       | 86.9       |
| <b>Profitability Ratios and Valuation</b> |              |              |              |             |            |            |            |            |
| RoE                                       | 1.0          | 1.0          | 1.2          | 9.7         | 16.5       | 17.9       | 17.7       | 17.3       |
| RoA                                       | 0.1          | 0.0          | 0.1          | 0.6         | 1.0        | 1.2        | 1.2        | 1.2        |
| RoRWA                                     | 0.1          | 0.1          | 0.1          | 1.1         | 2.0        | 2.3        | 2.3        | 2.4        |
| Book Value (INR)                          | 183          | 148          | 143          | 158         | 183        | 211        | 245        | 284        |
| Growth (%)                                | 16.4         | -19.0        | -3.2         | 10.5        | 15.8       | 14.7       | 16.6       | 15.9       |
| <b>Price-BV (x)</b>                       | <b>1.4</b>   | <b>1.7</b>   | <b>1.8</b>   | <b>1.6</b>  | <b>1.4</b> | <b>1.2</b> | <b>1.0</b> | <b>0.9</b> |
| Adjusted BV (INR)                         | 136          | 112          | 111          | 136         | 165        | 194        | 228        | 266        |
| <b>Price-ABV (x)</b>                      | <b>1.9</b>   | <b>2.3</b>   | <b>2.3</b>   | <b>1.9</b>  | <b>1.5</b> | <b>1.3</b> | <b>1.1</b> | <b>1.0</b> |
| EPS (INR)                                 | 1.6          | 1.2          | 1.6          | 14.0        | 27.3       | 34.4       | 39.4       | 45.0       |
| Growth (%)                                | -116.7       | -27.8        | 35.6         | 777.3       | 94.0       | 26.1       | 14.7       | 14.2       |
| <b>Price-Earnings (x)</b>                 | <b>156.0</b> | <b>216.0</b> | <b>159.3</b> | <b>18.2</b> | <b>9.4</b> | <b>7.4</b> | <b>6.5</b> | <b>5.7</b> |
| Dividend Per Share (INR)                  | 0.0          | 0.0          | 0.0          | 2.8         | 5.5        | 5.8        | 6.0        | 6.0        |
| <b>Dividend Yield (%)</b>                 | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>1.1</b>  | <b>2.2</b> | <b>2.3</b> | <b>2.4</b> | <b>2.4</b> |

E: MOFSL Estimates

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| Explanation of Investment Rating |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| Investment Rating                | Expected return (over 12-month)                                                              |
| BUY                              | >=15%                                                                                        |
| SELL                             | < - 10%                                                                                      |
| NEUTRAL                          | < - 10 % to 15%                                                                              |
| UNDER REVIEW                     | Rating may undergo a change                                                                  |
| NOT RATED                        | We have forward looking estimates for the stock but we refrain from assigning recommendation |

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