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THE IMPACT OF NON-PERFORMING ASSETS ON THE PROFITABILITY OF INDIAN SCHEDULED COMMERCIAL BANKS: AN EMPIRICAL EVIDENCE

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ABSTRACT

This paper deals with the assessment of non-performing assets on profitability, its magnitude and impact. Credit of total advances was in the form of doubtful asset in the past and has an adverse impact on profitability of public sector banks at comprehensive level representative high degree of riskiness in credit portfolio on the credit appraisal. The profitability of all public sector banks affected at very large extent when non-performing assets (NPAs) work with other banking and also affect productivity and efficiency of the banking groups. Banks directly or indirectly affect trade and industry development. In India, banks were purely limited to urban areas and provided credit to the business and trading community.

KEYWORDS

Profitability, Non-performing assets, Economy, Business and development.

PREAMBLE

In the globalisation era, banking and financial sector get high priority. Indian banking sector of having a serious problem due to non performing assets. The earning capacity and profitability of the bank are highly affected. While the primary function of banks is to lend funds as loans to various sectors such as agriculture, trade, personal loans, housing loans etc., in recent times the banks have become very careful in increase loans. The reason being increasing non-performing assets (NPAs). NPA is cleared as an advance for which interest or repayment of principal or both remain outstanding for a period of more than 180 days. The level of NPA act as an indicator viewing the bankers credit risks and competence of allocation of resource.

REASONS FOR NPA

Over hang component:

Overhang component is due to the environment reasons, economic cycle and etc.

Incremental component:

Incremental component may be due to internal bank management, credit policy, terms of credit.

MANAGEMENT OF NPA

During initial sage the percentage of NPA was higher. This was due to show ineffective recovery of bank credit, lacuna in credit recovery system, inadequate legal provision etc. Various steps have been taken by the government to recover and reduce NPAs.

- Settlement / compromise scheme
- Lok adalats
- Debt Recovery Tribunals
- Securitization and reconstruction of financial assets
- Corporate Reconstruction Companies
- Credit information on defaulters and role of credit information

REVIEW OF LITERATURE

There are several empirical studies carried out on the problem of Non-performing Assets of commercial banks in India. Present review deals with the observed in Indian context on Non performing Assets in weaker sections of public sector banks and private sector banks. Nagananthini.T (2007) attempted to "Profitability, Efficiency and Non-Performing Assets – A critical analysis with reference to the State Bank of India and its Associates" to study the trends in profitability, efficiency and non-performing assets of SBI and its associate banks considering interest, working funds, interest expense, gross profits, net profits, spread, etc., that the profitability is on an increasing trend. "Per employee" and "per branch" indicators were worked out and they showed that the efficiency of the firms has increased for all the banks during the study period and declined in gross and net NPA.

OBJECTIVES OF THE STUDY

- i) To analyse the impact of non-performing assets on the profitability of banks.
- ii) To evaluate the impact of non-performing assets on profitability with other variables

RESEARCH METHODOLOGY

The study is analytical in nature, and the present study uses the most recent available published secondary data for the years 2000-2010 compiled from Report on Trends and Progress of Banking in India. The scope of the study is limited to ten years data. The data has been analyzed using ratio. The study is related to SBI Group, Nationalized Banks Group and Private Banks Group.

ANALYSIS AND RESULTS

The increase in the profitability of a bank is always preceded by the composition of assets and liability. Hence, the following ratios are calculated to identify the optimal mix of banks in relation to profitability.

- i) Ratio of Gross NPA to Gross Advances
- ii) Ratio of Net NPA to Net Advances
- iii) Ratio of Gross NPA to Total Assets
- iv) Ratio of Net NPA to Total Assets

RATIO OF GROSS NPA TO GROSS ADVANCES

The ratio of Gross NPA to Gross Advances of all commercial banks grouped under three heads: SBI group, Nationalized Banks group and Private Bank's group. Group-wise, the ratio was more consistent in terms of dispersion for Private Banks group (C.V. 0.51 per cent) followed by Nationalized group (C.V. 0.50 per cent) and less consistent for SBI group (C.V. 0.49 per cent).

An insight into the SBI group reveals that this ratio fluctuated between 14.41 per cent in 2000-2001 and 1.92 per cent in 2009-2010. The average of this ratio for this group during the study period stood at 9.02 per cent, the least amongst all the three groups. Among this group, this ratio was minimum (1.92 per cent) during 2009-2010 and maximum (14.70 per cent) during 2001-2002.

TABLE 1: RATIO OF GROSS NPA TO GROSS ADVANCES

Year	Ratio of Gross NPA to Gross Advances		
	SBI Group	Nationalized Banks Group	Private Banks Group
2000 – 2001	14.41	16.02	8.67
2001 – 2002	14.70	15.89	10.81
2002 – 2003	12.71	13.98	8.18
2003 – 2004	11.41	12.37	8.37
2004 – 2005	10.41	11.09	9.64
2005 – 2006	8.83	9.36	8.07
2006 – 2007	7.18	7.79	5.84
2007 - 2008	5.25	5.66	4.44
2008 - 2009	3.34	3.71	2.45
2009 - 2010	1.92	2.40	0.41
Mean	9.02	9.83	6.69
SD	4.51	4.88	3.33
CV	0.49	0.50	0.51

Source: Data calculated from Statistical Tables Relating to Banks in India, R.B.I., Mumbai Issues of relevant years

An analysis of this ratio reveals that the Nationalized Banks group varied between 16.02 per cent in 2000-2001 and 2.40 per cent in 2009 - 2010. The average of this ratio was worked out at 9.83 per cent over the period of study. Among this group, this ratio was minimum (2.40 per cent) during 2009-2010 and maximum (16.02 per cent) during 2000-2001.

The Private banks group witnessed an average ratio of 6.69 per cent over the study period. This ratio varied between 8.67 per cent in 2000-2001 and 0.41 per cent in 2009-2010. Among this group, this ratio was minimum (0.41 per cent) during 2009-2010 and maximum (10.81 per cent) during 2001-2002. The least variability in the ratio in terms of dispersion was found. Thus, it can be inferred that SBI group Private banks group and Nationalized banks group in that order have Government securities to assets during the period under study.

RATIO OF NET NPA TO NET ADVANCES

The ratio of Net NPA to Net Advances of all commercial banks grouped under three heads: SBI group, Nationalized banks group and Private banks group. Group-wise, the ratio was more consistent in terms of dispersion for Private Banks group (C.V. 0.61 per cent) followed by Nationalized group (C.V. 0.59 per cent) and less consistent for SBI group (C.V. 0.59 per cent)

An insight into the SBI group reveals that this ratio fluctuated between 7.30 per cent in 2000-2001 and 0.67 per cent in 2009-2010. The average of this ratio for this group during the study period stood at 4.41 per cent, the least amongst all the three groups. Among this group, this ratio was minimum (0.67 per cent) during 2009-2010 and maximum (7.63 per cent) during 2001-2002.

An analysis of this ratio reveals that the Nationalized Banks group varied between 8.15 per cent in 2000-2001 and 0.74 per cent in 2009 – 2010. The average of this ratio was worked out at 4.80 per cent over the period of study. Among this group, this ratio was minimum (0.74 per cent) during 2009-2010 and maximum (8.15 per cent) for during 2000-2001.

The Private banks group witnessed an average ratio of 3.82 per cent over the study period. This ratio varied between 5.26 per cent in 2000 – 2001 and 0.44 per cent in 2009-2010. Among this group, this ratio was minimum (0.44 per cent) during 2009-2010 and maximum (7.41 per cent) during 2001-2002. The least variability in the ratio in terms of dispersion was found.

TABLE 2: RATIO OF NET NPA TO NET ADVANCES

Year	Ratio of Net NPA to Net Advances		
	SBI Group	Nationalized Banks Group	Private Banks Group
2000 – 2001	7.30	8.15	5.26
2001 – 2002	7.63	8.13	7.41
2002 – 2003	6.77	7.42	5.41
2003 – 2004	6.17	6.74	5.44
2004 – 2005	5.50	5.82	5.73
2005 – 2006	4.01	4.53	2.85
2006 – 2007	2.83	3.06	2.42
2007 - 2008	2.00	2.06	2.20
2008 - 2009	1.22	1.32	1.01
2009 - 2010	0.67	0.74	0.44
Mean	4.41	4.80	3.82
SD	2.61	2.85	2.32
CV	0.59	0.59	0.61

Source: Data calculated from Statistical Tables Relating to Banks in India, R.B.I., Mumbai Issues of relevant years

Thus, it can be inferred that SBI group Private banks group and Nationalized banks group in that order have Government securities to investment during the period under study.

RATIO OF GROSS NPA TO TOTAL ASSETS

The ratio of Gross NPA to Total Assets of all commercial banks grouped under three heads: SBI group, Nationalized banks group and Private banks group. Group-wise, the ratio was more consistent in terms of dispersion for Private banks group (C.V. 0.34 per cent) followed by Nationalized group (C.V. 0.44 per cent) and less consistent for SBI group (C.V. 0.45 per cent)

An insight into the SBI group reveals that this ratio fluctuated between 6.4 per cent in 2000-2001 and 1.02 per cent in 2009-2010. The average of this ratio for this group during the study period stood at 4.05 per cent, the least amongst all the three groups. Among this group, this ratio was minimum (1.02 per cent) during 2009 - 2010 and maximum (6.4 per cent) during 2000-2001.

An analysis of this ratio reveals that the Nationalized Banks group varied between 7 per cent in 2000-2001 and 1.4 per cent in 2009-2010. The average of this ratio was worked out at 4.39 per cent over the period of study. Among this group, this ratio was minimum (1.4 per cent) during 2009-2010 and maximum (7 per cent) during 2000 - 2001.

The Private banks group witnessed an average ratio of 3.13 per cent over the study period. This ratio varied between 3.3 per cent in 2000-2001 and 1.29 per cent in 2009 - 2010. Among this group, this ratio was minimum (1.29 per cent) during 2009-2010 and maximum (4.55 per cent) during 2004 - 2005. The least variability in the ratio in terms of dispersion was found.

TABLE 3: RATIO OF GROSS NPA TO TOTAL ASSETS

Year	Ratio of Gross NPA to Total Assets		
	SBI Group	Nationalized Banks Group	Private Banks Group
2000 - 2001	6.4	7	3.3
2001 - 2002	6.2	6.7	4.05
2002 - 2003	5.5	6	3.4
2003 - 2004	4.9	5.3	3.6
2004 - 2005	4.6	4.9	4.55
2005 - 2006	4.1	4.2	4.05
2006 - 2007	3.3	3.5	3
2007 - 2008	2.6	2.8	2.35
2008 - 2009	1.9	2.1	1.75
2009 - 2010	1.02	1.4	1.29
Mean	4.05	4.39	3.13
SD	1.82	1.93	1.05
CV	0.45	0.44	0.34

Source: Data calculated from Statistical Tables Relating to Banks in India, R.B.I., Mumbai Issues of relevant years

Thus, it can be inferred that SBI group Private banks group and Nationalized banks group in that order have Approved Securities to Total Assets during the period under study.

RATIO OF NET NPA TO TOTAL ASSETS

The ratio of Net NPA to Total Assets of all commercial banks grouped under three heads: SBI group, Nationalized banks group and Private banks group. Group-wise, the ratio was more consistent in terms of dispersion for Private Banks group (C.V. 0.48 per cent) followed by Nationalized banks group (C.V. 0.54 per cent) and less consistent for SBI group (C.V. 0.52 per cent)

An insight into the SBI group reveals that this ratio fluctuated between 3 per cent in 2000-2001 and 0.45 per cent in 2009 - 2010. The average of this ratio for this group during the study period stood at 1.84 per cent, the least amongst all the three groups. Among this group, this ratio was minimum (0.45 per cent) during 2009 - 2010 and maximum (3per cent) during 2000-2001.

An analysis of this ratio reveals that the Nationalized Banks group varied between 3.30 per cent in 2000-2001 and 0.39 per cent in 2009-2010. The average of this ratio was worked out at 1.67 per cent over the period of study. Among this group, this ratio was minimum (0.39 per cent) during 2009-2010 and maximum (3.30per cent) for during 2000-2001.

The Private banks group witnessed an average ratio of 1.67 per cent over the study period. This ratio varied between 2 per cent in 2000-2001 and 0.38 per cent in 2009 - 2010. Among this group, this ratio was minimum (0.38 per cent) during 2009-2010 and maximum (2.60 per cent) during 2001-2002. The least variability in the ratio in terms of dispersion was found.

TABLE 4: RATIO OF NET NPA TO TOTAL ASSETS

Year	Net NPA to Total Assets		
	SBI Group	Nationalized Banks Group	Private Banks Group
2000 - 2001	3.00	3.30	2.00
2001 - 2002	2.90	3.10	2.60
2002 - 2003	2.70	2.90	2.20
2003 - 2004	2.50	2.70	2.25
2004 - 2005	2.30	2.40	2.65
2005 - 2006	1.80	1.90	1.60
2006 - 2007	1.20	1.30	1.30
2007 - 2008	0.90	1.00	1.10
2008 - 2009	0.70	0.70	0.65
2009 - 2010	0.45	0.39	0.38
Mean	1.84	1.97	1.67
SD	0.97	1.06	0.80
CV	0.52	0.54	0.48

Source: Data calculated from Statistical Tables Relating to Banks in India, R.B.I., Mumbai Issues of relevant years.

Thus, it can be inferred that SBI group Private banks group and Nationalized banks group in that order have Investment to Assets during the period under study.

FINDINGS OF THE STUDY

While assessing the Impact of Non-Performing Assets on the Profitability, the researcher has observed that Ratio of Gross NPA to Gross Advances is 9.83 % by Nationalized banks, Ratio of Net NPA to Net Advances of Nationalised bank group has secured 4.80%, Ratio of Gross NPA to Total Assets is found to be 4.39% by Nationalised bank group; Ratio of Net NPA to Total Assets of Nationalised bank group with 1.97 % which is more than SBI and its Associates and private bank group. When the overall position was assessed, it is found that Nationalised bank group has secured the first place and the second place was taken by SBI and its Associates.

RECOMMENDATIONS FOR REDUCING NPAs

- ✧ It is the onus on the concerned bank which has given the loan to tackle the problem of NPA. Therefore the recommendations of Narasimham Committee which suggest that the asset management companies or asset reconstruction fund must redress the NPAs to be reviewed.

- ❖ A strong Banker-Borrower relationship should be improved. Forceful recovery by the banks, which is against corporate. Debt recovery will be much easier in a friendly atmosphere.
- ❖ Supporting the borrowers in developing his entrepreneurial skills will establish a good relation between the borrowers. but also help the bankers to maintain a track of their resources.
- ❖ Commercial Banks should be allowed to come up with their own method to address the problem of NPAs. It include surrendering and reducing the principal and interest on such loans, extending the loans, or settling the loan accounts. They should be fully authorized and apply all the privileged policies granted to the asset management companies.
- ❖ Another way to manage the NPAs by the banks is Compromise Settlement Schemes or One Time Settlement Schemes. Under these situations, it is necessary to bring more simplicity in such deals so that any mistake could be removed.

CONCLUSION

Indian banking sector is facing a serious problem of NPA. The extent of NPA is comparatively higher in public sectors banks. To improve the efficiency and profitability, the NPA has to be scheduled. Various steps have been taken by government to reduce the NPA. It is highly impossible to have zero percentage NPA. But at least Indian banks can try competing with foreign banks to maintain international standard. The study observed that there is increase in advances over the period of the study. However, the decline in ratio of NPAs indicates improvement in the asset quality of SBI Groups, Nationalised banks group and private sector banks. It is found on the basis of analysis that there is considerable development in the management of nonperforming assets in India. The study finally viewed that the prudential norms and other schemes has rushed banks to improve their performance and accordingly resulted into orderly down of NPA as well as enhancement in the financial strength of the Indian banking structure.

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