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## PERFORMANCE OF PRIMARY AGRICULTURE CO-OPERATIVE SOCIETIES IN INDIA AND HARYANA

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**ABSTRACT**

Primary agriculture credit societies mean a co-operative society. Primary Agriculture Co-operative Societies (PACS) are also known as "Mini Banks" or "Rural Credit Banks". They provide short-term and medium-term loan to the members/farmers at reasonable interest rates to meet their various needs. Primary Agricultural Co-operative Societies (PACS) are provide agricultural credit to farmers, agricultural inputs like seeds, fertilizers, pesticides and machinery, providing facilities for marketing of agricultural produce. The study findings that the number of members, deposits, borrowing, number of borrowers and total loan issued by the Primary Agriculture Co-operative Societies in India and Haryana has increased during the period from 2004-05 to 2014-15. The analysis of data shows that Primary Agriculture Co-operative Societies plays a significant role in rural development.

**KEYWORDS**

rural development, borrowers.

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**INTRODUCTION**

Primary agriculture credit societies mean a co-operative society. Primary Agriculture Co-operative Societies (PACS) are also known as "Mini Banks" or "Rural Credit Banks". Primary Agricultural Credit Societies are the foundation of the co-operative credit structure in India. The first Primary Agriculture Co-operative Societies was organized in India in 1904. PACS are playing a crucial role in improving the economic and social conditions of the common masses of India. They provide short-term and medium-term loan to the members/farmers at reasonable interest rates to meet their various needs. They are providing credit to the farmers for agriculture purposes at cheap and easy terms. The loans are given to members for the purchase of cattle, fertilizers, pesticides, etc. Agricultural Cooperative Credit Structure Short-term structure is a three tier structure with PACS in Rural areas, Co-operative Central Banks at the District level and the Apex Bank at the State level.

**CO-OPERATIVE CREDIT STRUCTURE IN INDIA AND HARYANA**

The structure consist of Co-operative credit in India can be divided into two broad category:

Particulars	INDIA	HARYANA
Short-term and Medium term credit (Three tier System)		
State Co-operative Banks (SCBs)	31	1
District Central Co-operative Banks (DCCBs)	370	19
Primary Agriculture Co-operative Societies (PACS)	93413	711
Long term credit (Two tier System)		
State Co-operative Agriculture and Rural development Banks (SCARDBs)	20	1
Primary Co-operative Agriculture and Rural Development Banks (PCARDBs)	697	76

Source: National Federation of State Co-operative Bank.

**Three Tier Systems**

The short-term credit not exceeds 15 month and medium term credit range 15 month to 5 year.

- ❖ **State Co-operative Banks (SCBs):** They operate at the apex level in the state.
- ❖ **District Central Co-operative Banks (DCCBs):** They operate at the District levels.
- ❖ **Primary Agriculture Co-operative Societies (PACS):** They operate at the village or grass-root level.

**OBJECTIVES OF THE STUDY**

1. To analyze the Cooperative Credit structure in India and Haryana.
2. To study the progress of PACS in India and Haryana.
3. To analyze the Performance of Primary Agriculture Cooperative Societies in India and Haryana.

**RESEARCH METHODOLOGY**

To fulfill the objective the secondary data have been used and collected information from Primary Agriculture Co-operative Societies (PACS), NAFSCOB (National Federation of State Co-operative Bank) during the years from 2004-05 to 2014-15. To analyze the data, Compound Annual Growth Rate (CAGR) and percentage growth have been used.

## FINDINGS OF THE STUDY

## NO. OF PACS

TABLE 1 (No. of PACS)

Year	INDIA		HARYANA	
	No. of PACS	Growth Rate (%)	No. of PACS	Growth Rate (%)
2004-05	66576	-	2443	-
2005-06	58559	-12.27	2441	-0.08
2006-07	57427	-1.93	571	-76.60
2007-08	58479	1.83	616	-7.88
2008-09	64872	10.93	620	0.64
2009-10	94647	45.89	628	1.29
2010-11	93413	-1.30	646	2.86
2011-12	92432	-1.05	640	-0.92
2012-13	91833	-22.79	656	2.5
2013-14	93042	1.31	657	0.15
2014-15	97289	4.56	663	0.91
CAGR	3.50		-11.18	

Source: National Federation of State Co-operative Bank.

Table 1 indicates the number of primary agriculture co-operative societies have increased from 66576 in 2004-05 to 97289 in 2014-15 i.e. an increase of 1.46 times in India. The compound annual growth rate of it accounts for 3.50 percent per annum during the study period. The highest growth rate of no. of PACS has 45.89 per cent during the period 2009-10. Table also indicates the number of primary agriculture co-operative societies have decreased from 2443 in 2004-05 to 663 in 2014-15 i.e. decrease of 0.27 times in Haryana. The compound annual growth rate of it accounts for -11.18 percent per annum during the study period. The highest growth rate of no. of PACS has 2.86 per cent during the period 2010-11 in Haryana.

## NO. OF MEMBERS PACS

TABLE 2 (in 000)

Year	INDIA		HARYANA	
	No. of Members PACS	Growth Rate (%)	Total Membership	Growth Rate (%)
2004-05	30934.00	-	2658	-
2005-06	30578.00	-11.50	2748	3.38
2006-07	29458.00	-3.66	2838	3.27
2007-08	29725.00	0.90	2868	1.05
2008-09	28495.00	-4.13	2925	1.98
2009-10	126419.00	34.3	2970	1.58
2010-11	121225.00	-4.10	2985	0.50
2011-12	113595.00	-6.29	3015	1.00
2012-13	139376.00	22.69	3612	19.80
2013-14	130119.00	-6.64	3605	-0.19
2014-15	121087.81	-6.94	3710	2.91
CAGR	13.20		3.07	

Source: National Federation of State Co-operative Bank.

Table 2 indicates the number of members of primary agriculture co-operative societies has increased from 30934 in 2004-05 to 121087.81 in 2014-15 i.e. an increase of 43.91 times in India. The compound annual growth rate of it accounts for 13.20 percent per annum during the study period. The highest growth rate of no. of membership of PACS has 34.3 per cent during the period 2009-10. Table also shows the number of members of primary agriculture co-operative societies has increased from 2658 in 2004-05 to 3710 in 2014-15 i.e. an increase of 1.39 times in Haryana. The compound annual growth rate of it accounts for 3.07 percent per annum during the study period. The highest growth rate of no. of membership of PACS has 19.80 per cent during the period 2012-13 in Haryana.

## TOTAL DEPOSITS OF PACS

TABLE 3 (Rs. In Lakhs)

Year	INDIA		HARYANA	
	Total Deposits of PACS	Growth Rate (%)	Total Deposits of PACS	Growth Rate (%)
2004-05	1897604.00	-	26998	-
2005-06	1956119.00	3.08	31961	18.38
2006-07	2348407.00	20.05	29848	-6.61
2007-08	2544926.00	8.36	30459	2.04
2008-09	2624538.00	3.12	31114	2.15
2009-10	3528606.00	34.44	37065	19.26
2010-11	3723815.00	3.53	50118	35.21
2011-12	5025278.00	34.94	53168	6.08
2012-13	6287416.00	25.11	57963	9.01
2013-14	8189409.00	30.25	56461	-2.59
2014-15	8461632.00	3.32	49718	-1.50
CAGR	14.55		5.70	

Source: National Federation of State Co-operative Bank.

Table 3 indicate the deposits of primary agriculture co-operative societies have increased from 1897604.00 in 2004-05 to 8461632.00 in 2014-15 i.e. an increase of 4.45 times in India. The compound annual growth rate of it accounts for 14.55 percent per annum during the study period. The highest growth rate of total deposits of PACS has 34.94 per cent during the period 2011-12. Table also shows the deposits of primary agriculture co-operative societies have increased from 26998 in 2004-05 to 49718 in 2014-15 i.e. an increase of 1.84 times in Haryana. The compound annual growth rate of it accounts for 5.70 percent per annum during the study period. The highest growth rate of total deposits of PACS has 35.21 per cent during the period 2010-11 in Haryana.

## TOTAL BORROWINGS OF PACS

TABLE 4 (Rs. In Lakhs)

Year	INDIA		HARYANA	
	Borrowings of PACS	Growth Rate (%)	Borrowings of PACS	Growth Rate (%)
2004-05	4024949.00	-	331080	-
2005-06	4101760.00	1.90	391210	18.16
2006-07	4371449.00	6.57	423020	8.13
2007-08	4784797.00	9.47	400263	-5.37
2008-09	4893844.00	2.27	434008	8.43
2009-10	5176389.00	5.57	448529	3.34
2010-11	5400009.00	4.31	493651	10.05
2011-12	8883556.00	64.50	559331	13.30
2012-13	11565823.00	29.85	632192	13.02
2013-14	9583580.00	-17.13	690163	9.16
2014-15	9998011.00	4.32	749417	8.58
CAGR	8.62		7.70	

Source: National Federation of State Co-operative Bank.

Table 4 indicates the borrowings of primary agriculture co-operative societies have increased from 4024949.00 in 2004-05 to 9998011.00 in 2014-15 i.e. an increase of 2.48 times in India. The compound annual growth rate of it accounts for 8.62 percent per annum during the study period. The highest growth rate of borrowing of PACS has 64.50 per cent during the period 2011-12. Table also indicates the borrowings of primary agriculture co-operative societies have increased from 331080 in 2004-05 to 749417 in 2014-15 i.e. an increase of 2.26 times in Haryana. The compound annual growth rate of it accounts for 7.70 percent per annum during the study period. The highest growth rate of borrowing of PACS has 18.16 per cent during the period 2005-06 in Haryana.

## NO. OF BORROWERS PACS

TABLE 5 (In Thousands)

Year	INDIA		HARYANA	
	No. of Borrowers PACS	Growth Rate (%)	No. of Borrowers PACS	Growth Rate (%)
2004-05	7253.00	-	1073	-
2005-06	6978.00	-3.79	1737	-61.88
2006-07	5671.00	-18.73	1760	-1.32
2007-08	5736.00	1.46	1791	-1.76
2008-09	5664.00	-1.25	1674	-6.53
2009-10	59799.58	95.57	1687	-0.77
2010-11	52387.59	-12.39	1785	-5.80
2011-12	44885.51	-14.32	1181	-33.83
2012-13	43082.70	-4.01	1979	67.56
2013-14	48081.20	11.60	1871	-5.45
2014-15	49857.65	3.69	1225	-34.52
CAGR	19.15		1.21	

Source: National Federation of State Co-operative Bank

Table 5 indicates the borrowers of primary agriculture co-operative societies have increased from 7253.00 in 2004-05 to 49857.65 in 2014-15 i.e. an increase of 6.87 times in India. The compound annual growth rate of it accounts for 19.15 percent per annum during the study period. The highest growth rate of borrowers of PACS has 95.57 per cent during the period 2009-10. Table also shows the borrowers of primary agriculture co-operative societies have decreased from 1073 in 2004-05 to 1225 in 2014-15 i.e. decrease of 1.14 times in Haryana. The compound annual growth rate of it accounts for 1.21 percent per annum during the study period. The highest growth rate of borrowers of PACS has 67.56 per cent during the period 2012-13 in Haryana.

## TOTAL LOAN AND ADVANCED ISSUED OF PACS

TABLE 6 (Rs. In Lakhs)

Year	INDIA		HARYANA	
	Total loan and Advanced issued	Growth Rate (%)	Total loan and Advanced issued	Growth Rate (%)
2004-05	3921172	-	412536.73	-
2005-06	4291965	9.45	475956.29	15.37
2006-07	4961275	15.59	473634.43	-0.48
2007-08	57642.48	16.18	488756.73	3.19
2008-09	5878674	1.98	301110.29	-38.39
2009-10	7493753	27.47	431664.36	43.35
2010-11	9130382	21.83	513567.89	18.97
2011-12	10730023	17.51	608332.96	18.45
2012-13	16190916	50.59	702268.22	15.44
2013-14	17141956	5.87	748345.76	6.56
2014-15	15905029	-7.21	807592.45	7.91
CAGR	13.57		6.29	

Source: National Federation of State Co-operative Bank.

Table 6 indicates that the total loan and advanced issued by primary agriculture co-operative societies has increased from 3921172 in 2004-05 to 15905029 in 2014-15 i.e. an increase of 4.05 times in India. The compound annual growth rate of it accounts for 13.57 percent per annum during the study period. The highest growth rate of total loan and advanced issued of PACS has 50.59 per cent during the period 2012-13. Table also shows the total loan and advanced issued by primary agriculture co-operative societies has increased from 412536.73 in 2004-05 to 807592.45 in 2014-15 i.e. an increase of 1.95 times in Haryana. The compound annual growth rate of it accounts for 6.29 percent per annum during the study period. The highest growth rate of total loan and advanced issued of PACS has 43.35 per cent during the period 2009-10 in Haryana.

## TOTAL LOAN OUTSTANDING OF PACS

TABLE 7 (Rs. In Lakhs)

Year	INDIA		HARYANA	
	Total Loan Outstanding of PACS	Growth Rate (%)	Total Loan Outstanding of PACS	Growth Rate (%)
2004-05	4878546	-	324569.93	-
2005-06	5177856	6.13	387741.26	19.46
2006-07	5862015	13.21	423486.16	9.21
2007-08	6566638	12.02	445725.44	5.25
2008-09	6404424	-2.47	432695.68	-2.92
2009-10	7647983	19.41	483279.50	1.69
2010-11	8776794	14.75	527964.15	9.24
2011-12	9124321	3.95	620771.26	17.57
2012-13	13939871	52.77	723489.33	16.54
2013-14	13005386	-6.70	774069.96	6.99
2014-15	14722557	13.20	949771.46	22.69
CAGR	27.25		10.25	

Source: National Federation of State Co-operative Bank.

Table 7 indicates that the total loan outstanding by primary agriculture co-operative societies has increased from Rs. 4878546 Lakhs in 2004-05 to Rs. 14722557 Lakhs in 2014-15 i.e. an increase of 3.01 times in India. The compound annual growth rate of it accounts for 27.25 percent per annum during the study period. The highest growth rate of total loan outstanding of PACS has 52.77 per cent during the period 2012-13. Table also shows the total loan outstanding by primary agriculture co-operative societies has increased from Rs. 324569.93 Lakhs in 2004-05 to Rs. 949771.46 Lakhs in 2014-15 i.e. an increase of 2.92 times in Haryana. The compound annual growth rate of it accounts for 10.25 percent per annum during the study period. The highest growth rate of total loan outstanding of PACS has 22.69 per cent during the period 2014-15 in Haryana.

## RESULTS

1. The number of primary agriculture co-operative societies has increased i.e. an increase of 1.46 times in India and the number of primary agriculture co-operative societies have decreased i.e. decrease of 0.27 times in Haryana.
2. The number of members of primary agriculture co-operative societies has increased i.e. an increase of 43.91 times in India and 1.39 times in Haryana.
3. The deposits of primary agriculture co-operative societies have increased from i.e. an increase of 4.45 times in India and 1.84 times in Haryana.
4. The borrowings of primary agriculture co-operative societies have increased i.e. an increase of 2.48 times in India and 2.26 times in Haryana.
5. The borrowers of primary agriculture co-operative societies have increased i.e. an increase of 6.87 times in India and 1.14 times in Haryana.
6. Total loan and advanced issued by primary agriculture co-operative societies has increased i.e. an increase of 4.05 times in India and 1.95 times in Haryana.
7. Total loan outstanding by primary agriculture co-operative societies has increased i.e. an increase of 3.01 times in India and 2.92 times in Haryana.

## CONCLUSION

The study findings that the number of members, deposits, borrowing, number of borrowers and total loan issued by the Primary Agriculture Co-operative Societies in India and Haryana has increased during the period from 2004-05 to 2014-15. But the number of PACS has decreased in Haryana during the study period. The analysis of data shows that Primary Agriculture Co-operative Societies plays a significant role in rural development and agricultural credit.

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