

## C H A P T E R   I I I

### D A T A   P R E S E N T A T I O N   A N D   A N A L Y S I S

1.1	Master Sheet I	2 7
	Computation of Mean	2 8
1.2	Master Sheet II	2 9
	Computation of Mean	3 0
1.3	Master sheet III	3 1
	Computation of Mean	3 2
1.4	Master Sheet IV	3 3
	Computation of Mean	3 4

## DATA PRESENTATION &amp; ANALYSIS

As explained earlier, data have been collected through a questionnaire in four co-operative organizations in the District. As most of the questions in the questionnaire are qualitative in nature and pertain to the co-operative values, care was taken to select four co-operatives working in different businesses. As explained earlier, these organizations are :

- (1) Shetkari Sahakari Sangh Ltd., Kolhapur.
- (2) Ichalkaranji Co-operative Spinning Mill Ltd.,  
Ichalkaranji.
- (3) Kolhapur Zilha Sahakari Doodh Utpadak Sangh Ltd.,  
Kolhapur (Gokul).
- (4) Kolhapur District Central Co-operative Bank Ltd.,  
Kolhapur.

In case of each of these co-operative organisations, 10 managerial level employees and 20 non-managerial level employees were contacted. Answers given by these employees have been tabulated in a master sheet and means of the scores obtained have been calculated. A brief description of the means calculated along with the organisational features follows the master sheet.

Table 3.A MASTER SHEET I SHETKARI SAHAKARI SANGH LIMITED, KOLHAPUR.

Alt. No.	1		2		3		4		5		6		7		8		9		10		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B		
1		✓																				10
2	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9
7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8
8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
																						70
11																						
12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
13	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
14	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	4
15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
17	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
18	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
19	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8
21	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8
23	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8
26	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
27	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9
28	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8
29	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
																						129

**COMPUTATION OF MEAN FOR  
SHETAKARI SAHAKARI SANGH LTD., KOLHAPUR,  
AND THE OTHER RELEVANT INFORMATION**

Table : 3.1.

Mean of scores on co-operative values by  
the sample employees.

No.	Levels	Mean
1.	Whole organisation	6.63
2.	Managerial level	7.00
3.	Non-managerial level	6.45

**OTHER RELEVANT INFORMATION**

The main business of Shetakari Sahakari Sangh Ltd. Kolhapur is the supply of goods required by agriculturists like seeds, fertilizers, & other agricultural equipments, and also the consumer goods. It has also entered into the production of goods like washing powder, utensils, pressure cooker, etc. The area of operation of this organisation is the entire Kolhapur district. The membership of this organisation consists mostly of Taluka Purchase & Sale Unions & a few individuals. The approximate number of employees as on 30th June 1994, was 1100 throughout its branches in Kolhapur district. Out of

Table 3.B MASTER SHEET II THE ICHALKARANJI CO-OPERATIVE SPINNING MILL LTD., ICHALKARANJI.

Qn.No.	1		2		3		4		5		6		7		8		9		10		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
1	✓																				
2		✓																			
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
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21																					
22																					
23																					
24																					
25																					
26																					
27																					
28																					
29																					
30																					
GRAND TOTAL																					125

the total employees, hardly 1% employees are women employees. When the mean was calculated, it was 6.63 for the organisation as a whole, 7 for employees at managerial level & 6.45 for employees of non-managerial level.

**COMPUTATION OF MEAN FOR ICHALKARANJI CO-OPERATIVE  
SPINNING MILL LTD., ICHALKARANJI & OTHER RELEVANT  
INFORMATION**

Table : 3.2

**Mean of scores on Co-operative values  
by the sample employees :**

No.	Levels	Mean
1.	Whole Organisation	6.20
2.	Managerial Level	6.20
3.	Non-managerial level	6.20

**OTHER RELEVANT INFORMATION**

The main business of Ichalkaranji co-operative spinning mill Ltd., Ichalkaranji is spinning i.e. purchasing raw cotton from farmer members & converting it into yarn & selling the yarn to cotton mill owners. The area of operation is Kolhapur district. The membership of this organisation comprises of farmers & cotton

KOLHAPUR ZILHA SAHAKARI DOODH UTPADAK SANGH LTD. KOLHAPUR. (GOKUL)

MASTER SHEET III

Table 3.C

Qn. No.	1		2		3		4		5		6		7		8		9		10		TOTAL
	A	C	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
RESPONDENTS NO. LEVEL																					
I Manager	✓																				4
2		✓																			8
3			✓																		7
4				✓																	8
5					✓																6
6						✓															10
7							✓														10
8								✓													10
9									✓												10
10										✓											9
																					82
II Non-Manager																					
12																					5
13																					8
14																					7
15																					8
16																					7
17																					8
18																					8
19																					7
20																					4
21																					7
22																					8
23																					7
24																					6
25																					9
26																					5
27																					7
28																					7
29																					6
30																					7
																					131

220

GRAND TOTAL

mill-owners. The approximate number of employees as on 30/06/94, is 2400. Out of which female employees were nil. When the mean was calculated, it was 6.23 for the organisation as a whole, 6.2 for employees at managerial level & 6.25 for employees at non-managerial level.

**COMPUTATION OF MEAN FOR KOLHAPUR ZILHA SAHAKARI DOODH  
UTPADAK SANGH Ltd., KOLHAPUR & OTHER RELEVANT INFORMATION**

**Table : 3.3**

**Mean of scores on cooperative values by the sample employees.**

No.	Levels	Mean
1.	Whole Organisation	7.33
2.	Managerial Level	8.20
3.	Non-managerial level	6.50

**OTHER RELEVANT INFORMATION**

Kolhapur Zilha Sahakari Doodh Utpadak Sangh, Ltd., Kolhapur is a apex of milk producing societies in Kolhapur District. Collection of milk and its distribution & supply of milk and other milk products is its main business. The area of



Table 3-D KOLHAPUR DISTRICT CENTRAL CO-OPERATIVE BANK LTD., KOLHAPUR.

MASTER SHEET IV

On.No.	KOLHAPUR DISTRICT CENTRAL CO-OPERATIVE BANK LTD., KOLHAPUR.											
	1	2	3	4	5	6	7	8	9	10		
ALTERNATIVES	A	A	A	A	A	A	A	A	A	A	B	TOTAL
RESPONDENTS												
LEVEL												
1	Manager											
2	Non-Manager											
3												
4												
5												
6												
7												
8												
9												
10												
11												89
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												168

GRAND TOTAL

257

33

operation extends to Kolhapur district. The membership of this organisation consists of primary milk societies. The approximate number of employees as on 30th June 1994, was 900 & out of this female employees were 2% (approx.)

When the mean was calculated it was 7.33 for the organisation as a whole, 8.2 for employees at managerial level & 6.5 for employees at non-managerial level.

**COMPUTATION OF MEAN FOR KOLHAPUR DISTRICT CENTRAL  
COOPERATIVE BANK LTD., KOLHAPUR & OTHER RELEVANT  
INFORMATION**

Table : 3.4

**Mean of score on co-operative values  
by the sample employees.**

No.	Levels	Mean
1.	Whole Organisation	8.5
2.	Managerial Level	8.9
3.	Non-managerial level	8.4

OTHER RELEVANT INFORMATION

Kolhapur District Central Co-operative Bank Ltd., Kolhapur is the central bank of co-operative organisations in the District. It provides both agricultural & non-agricultural loans to its member. It's operations extend to the entire district. Mostly co-operative societies & a few individuals are its members. The approximate number of employees, as on 30th June 94, was 2000. The percentage of female employees was 20% (most of whom are required recently.)

When mean was calculated it was 8.50 for the organisation as a whole, 8.9 for employees at managerial level & 8.4 for employees at non-managerial level.