

## Appendix 2

### ABBREVIATIONS

**PWCS:**Primary Weavers' Cooperative Society

**SJSRY:**SwarnaJayantiSwarojkarYojna

**PMRY:** Prime Minister RojgarYojna

**CAD/CAM:**Computer Aided Design / Computer Aided Machine

**APL:**Above Poverty Level

**BPL:**Below Poverty Level

**NGO:**Non GovernmentalOrganisation

**NABARD:**National Bank For Agricultural and Rural Development

**WSC:**Weavers' Service Centre

**NHDC:**National Handloom Development Corporation

**NIFT:**National Institute of Fashion Technilogy

**ATDC:**Apparel Training and Design Centre

**HDO:**Handloom Development Office

**DEPM:**Development of Exportable Products And Marketing

**IHCDP:**Intensive Handloom Cluster Development Programme

**UBI:**United Bank of India

**SBI:**State Bank of India

**DRDC:**District Rural Development Cell

**RTDC:**Regional Training cum Demonstration Centre

**IJIRA:**Indian Jute Industry Research Association

**HEPC:** Handloom Export Promotion Council

**HHEC:** Handicraft and Handloom Export Corporation

**FGD:** Focus Group Discussion

**DDHKPY:** DeenDayal Hath KhargaProtsahanYojana

**Appendix 3:**  
**LIST OF TABLES (contd.)**

**Appendix 3. i STANDARD SCORE VALUES**

<b>Districts</b>	<b>Total Number of Weavers Registered under PWCS</b>	<b>Z Score Values</b>
Haora	3612	-0.76
N 24 Parganas	16728	0.39
S 24 Parganas	942	-0.99
Purba Medinipur	21698	0.82
Paschim Medinipur	8972	-0.29
Bankura	14226	0.17
Puruliya	4489	-0.69
Hugli	14986	0.23
Bardhaman	28990	1.46
Nadia	45885	2.95
Birbhum	9541	-0.24
Murshidabad	17996	0.5
Koch Bihar	4693	-0.67
Dinajpur	5703	-0.58
Jalpaiguri	2118	-0.9
Darjiling	439	-1.04
Maldah	8357	-0.35
Mean	12316.06	
S.D.	11384.85	

**Appendix 3. ii YARN SOURCES REQUIRED FOR PRODUCTION**

Categories	Employer	Local Shop	Wholesale Market	Mahajan	Cooperative
Number of Weavers	302	152	25	79	22

**Appendix 3.iii SOURCES OF FINANCE FOR PURCHASING YARN**

Types of Sources	Mahajans	Self Financed	Bank Loans	Cooperatives
Sources (in %)	41	32	18	9

**Appendix 3.iv CONSUMPTION PATTERN OF YARN IN THE LOCAL MARKET**

Sections of Weavers	Master Weavers	Local Weavers(sellers )	Local Weavers (hired)	Mahajans	Cooperative Workers
% of Consumption by Each Section	9%	46%	18%	12%	15%

**Appendix 3.v SOURCES OF DYES AND CHEMICALS**

Categories of Consumption	Mahajans	Local Market	Wholesale Market	Cooperatives
Sources (%)	70%	22.50%	5%	2.50%

**Appendix 3.vi TEMPORAL GROWTH OF POPULATION, NADIA DISTRICT**

<b>Year</b>	<b>Population</b>
1901	773202
1911	775986
1921	711706
1931	721907
1941	840303
1951	1144156
1961	1713324
1971	2230270
1981	2964253
1991	3852097
2001	4604827
2011	5168488

**Appendix 3.vii TEMPORAL PATTERN OF SEX RATIO, NADIA DISTRICT**

<b>Year</b>	<b>Sex Ratio</b>
1901	1010
1911	1000
1921	960
1931	950
1941	950
1951	940
1961	950
1971	950
1981	950
1991	940
2001	950
2011	947

**Appendix 3.viii AGE GROUP OF SURVEYED POPULATION**

<b>Age group</b>	<b>Number of Surveyed Population</b>
Below 15 years	68
15-45 years	395
45-60 years	186
More tha 60 years	19

**Appendix 3.ix CASTE COMPOSITION OF SURVEYED POPULATION**

<b>Type of Caste</b>	<b>Number of Surveyed Population</b>
General	185
Scheduled Caste	51
Scheduled Tribe	20
Other Backward Classes	286

**Appendix 3.x RELIGIOUS COMPOSITION OF SURVEYED POPULATION**

<b>Type of Religion</b>	<b>Number of Surveyed Population</b>
Hindu	542
Muslim	104
Others	22

**Appendix 3.xi MARITAL STATUS OF SURVEYED POPULATION**

<b>Marital Status</b>	<b>Number of Surveyed Population</b>
Single	265
Married	382
Widowed/ Separated	21

**Appendix 3.xii FAMILY TYPE OF SURVEYED POPULATION**

<b>Family Type</b>	<b>Number of Surveyed Population</b>
Joint	486
Nuclear	109
Extended	73

**Appendix 3.xiii DISSIMILARITY INDEX VALUES**

<b>Name Of Blocks</b>	<b>% of Handloom Workers in Blocks to Total Workers in District</b>	<b>% of Other Workers in Blocks to Other Workers in District</b>	<b>% Point Difference</b>
Karimpur I	0.19	3.79	-3.6
Karimpur II	1.19	4.28	-3.09
Tehatta I	1.02	4.7	-3.68
Tehatta II	0.07	2.81	-2.74
Kaliganj	2.03	5.6	-3.57
Nakashipara	4.88	9.81	-4.93
Chapra	0.72	5.51	-4.79
Krishnaganj	0.37	2.74	-2.37
Krishnanagar I	4.16	9.58	-5.42
Krishnanagar II	3.35	2.32	1.03
Nabadwip	18.65	4.84	13.81
Santipur	45.01	6.97	38.04
Hanskhali	1.48	5.62	-4.14
Ranaghat I	10.05	7.02	3.03
Ranaghat II	2.88	6.92	-4.04
Chakdaha	2.99	12.63	-9.64
Haringhata	0.96	4.89	-3.93

**Appendix 3.xiv MONTHLY INCOME OF SURVEYED POPULATION**

<b>Monthly Income in Rupees</b>	<b>Number of Surveyed Population</b>
Less Than Rs.1000	185
Rs.1000 - Rs.5000	117
Rs.5001 - Rs.10000	127
Rs.10001 - Rs.20000	175
More Than Rs.20000	64

**Appendix 3.xv NUMBER OF EARNING MEMBERS PER FAMILY**

<b>Number of Earning Members/Family</b>	<b>Number of Families</b>
Single	273
Two	184
Three	119
Four	64
More Than Four	28

**Appendix 3.xvi EXPENDITURE PATTERN OF SURVEYED POPULATION**

<b>Types of Expenditure</b>	<b>% of Total Expenditure</b>
Food	45%
Clothing	15%
Education	24%
Medicine	7%
House Maintenance/ Rent	5%
Others	4%

**Appendix 3.xvii SAVINGS PATTERN OF SURVEYED POPULATION**

<b>% of Total Income Saved</b>	<b>Number of Surveyed Population</b>
Less Than 10	412
10 To 20	192
More Than 20	64



### Appendix 3.xviii HOUSE TYPES OF SURVEYED POPULATION

House Types	Kacha	Pucca	Semi Pucca
Number of Surveyed Population	37	468	163

### Appendix 3.xix POSSESSION OF HOUSEHOLD ASSETS

Types of Assets	Television	Radio	Music System	Telephone	Mobile Phone	Water Filter	Lpg Gas
Number of Surveyed Population	803	781	529	306	1346	198	392
Types of Assets	Generator	Refrigerator	Computer	Cycle	Two Wheeler	Car	
Number of Surveyed Population	246	472	396	1164	592	163	

### Appendix 3.xx PERCEPTION OF LIVING CONDITION

Categories of Surveyed Population	Very Good	Good	Satisfactory	Poor	Very Poor
Hired Weavers	102	186	14	0	0
Weavers(Owners)	22	61	18	5	0
Master Weavers	18	42	36	28	14
Shopkeepers	7	9	6	3	4
Money Lenders	0	5	6	0	1
Dyers( Labourers)	4	5	1	0	0
Dyers(Owners)	0	3	1	0	0
Yarn Labourers	3	8	1	0	0
Yarn Sector Owners	3	5	1	0	1
Transport Sector Owners	0	16	2	0	0
Designers	3	1	1	0	0
Cooperative Workers	10	9	1	2	0

**Appendix 3.xxi LEVELS OF EDUCATION OF SURVEYED POPULATION**

<b>Levels Of Education</b>	<b>Number Of Surveyed Population</b>
Can Sign Only	55
Pre Primary	109
Primary	178
Secondary	164
Higher Secondary	78
Graduate	9
Post Graduate	2
Others (Additional Training)	5

**Appendix 3.xxii LEVELS OF EDUCATION OF FAMILY MEMBERS  
OF SURVEYED POPULATION**

<b>Levels Of Education</b>	<b>Male Members</b>	<b>Female Members</b>
Can Sign Only	196	204
Pre Primary	285	298
Primary	374	316
Secondary	348	294
Higher Secondary	162	156
Graduate	86	51
Post Graduate	28	8
Others (Additional Training)	7	2

**Appendix 3.xxiii TYPES OF DISEASES AMONG SURVEYED POPULATION**

<b>Types of Diseases</b>	<b>Cold</b>	<b>Malaria</b>	<b>Arthritis</b>	<b>Hepatitis</b>	<b>Stomach Problem</b>
<b>Number of Surveyed Population</b>	614	219	113	97	398
<b>Types of Diseases</b>	<b>Skin Disease</b>	<b>Asthma</b>	<b>Bronchitis</b>	<b>Eye Irritation</b>	<b>Others</b>
<b>Number of Surveyed Population</b>	56	72	114	61	55

**Appendix 3.xxiv TYPES OF TREATMENT AVAILED**

<b>Types of Treatment Availed</b>	<b>Homoeopathy</b>	<b>Allopathy</b>	<b>Ayurvedic</b>	<b>Others</b>	<b>Not Specific</b>
<b>Number of Surveyed Population</b>	265	594	43	7	241

**Appendix 3.xxv SOURCES OF MEDICINE**

<b>Sources of Medicine</b>	<b>Self Medicated</b>	<b>Doctor</b>	<b>Local Pharmacy</b>	<b>Neighbours</b>	<b>Not Specific</b>
<b>Number of Surveyed Population</b>	211	181	176	102	321

**Appendix 3.xxvi FINANCIAL SOURCES FOR MEDICAL PURPOSES**

<b>Financial Sources for Treatment</b>	<b>Regular Income</b>	<b>Own Savings</b>	<b>Loans/ Borrow</b>	<b>Mediclinam /Similar Policies</b>
<b>Number of Surveyed Population</b>	409	178	66	242

**Appendix 3.xxvii IMMUNIZATION PROGRAMMES AVAILED**

<b>Types of Response</b>	<b>Yes</b>	<b>No</b>	<b>Unaware</b>
<b>% of Surveyed Population</b>	75%	9%	16%

**Appendix 3.xxvii FINANCIAL SOURCES FOR PRODUCTION**

<b>Financial Sources</b>	<b>Number of Surveyed Population</b>
Inherited Money	28
Own Savings	112
Money Lender	109
Banks	46
Cooperatives	22
Others	4

**Appendix 3.xxix STAGES OF VALUE ADDITION IN THE PRODUCTION OF SARI**

<b>Value Addition Stages</b>	<b>Incremental Value Added %</b>
Yarns	55
Dyeing	60
Preparatory	65
Weaving	95
Finishing	100
Margin	110

**Appendix 3.xxx MODES OF DISTRIBUTION OF HANDLOOM PRODUCTS**

<b>Modes of Distribution of Products</b>	<b>Number of Surveyed Population</b>
Direct Sales	60
Wholeseller/Mahajans	82
Retail Shops	46
Haats	111
Cooperatives	22

**Appendix 3.xxxi PARTICIPATION IN EXPORT ACTIVITIES**

<b>Categories of Surveyed Population</b>	<b>Number of Surveyed Population</b>
Weavers not Directly Engaged in Export Activities	181
Weavers Directly Engaged in Export Activities	18
Weavers Under Cooperative Fold Engaged in Export Activities	22

**Appendix 3.xxxii NUMBER OF MEMBERS AND LOOMS OF TANGAIL TANTUJIBI UNNAYAN SAMABAY SAMITY LIMITED**

<b>Years</b>	1977-78	1982-83	1987-88	1992-93	1997-98	2002-03	2007-08
<b>Number of Members</b>	86	193	313	382	442	453	485
<b>Number of Looms</b>	43	175	270	340	441	453	485

**Appendix 3.xxxiii TEMPORAL PERFORMANCE OF TANGAIL TANTUJIBI UNNAYAN SAMABAY SAMITY LIMITED**

<b>Years</b>	1977-78	1982-83	1987-88	1992-93	1997-98	2002-03	2007-08
<b>Financial Assistance</b>	1.5	9.5	9.5	40.5	84	96	100
<b>Production</b>	7.6	41.33	60.33	96.47	234.82	570.67	452.74
<b>Sale</b>	6.31	43.1	78.47	103.34	210.54	440.44	529.13
<b>Gross Profit</b>	0.13	0.94	5.07	13.71	38.93	62.56	21.64

**Appendix 3.xxxiv NUMBER OF WORKERS, NADIA DISTRICT, 2010**

<b>Categories</b>	<b>Number of Workers</b>
Total Workers	1615705
Total Industrial Workers	184411
Total Weavers	112470

**Appendix 3.xxxv MONTHLY WAGE OF DIFFERENT CATEGORIES OF WORKERS,****NADIA DISTRICT**

<b>Category of Workers</b>	<b>Average Monthly Wage in Rupees</b>
Hired Agricultural Labourer	1100
Hired Industrial Labourers	1500
Hired Weavers	1800
Hired Labourer in Handloom Industry	1600
Hired Laourer in Other Industries Related to Handloom Industry	1600

**Appendix 3.xxxvi CONSUMPTION PATTERN OF DYES/ CHEMICALS BY THE HANDLOOM INDUSTRY, NADIA DISTRICT**

<b>Year</b>	<b>Consumption of Dyes/Chemicals in Handloom Sector (in Lakh Ruppees)</b>
2003-04	231.2
2004-05	228.4
2005-06	201.7
2006-07	174.9
2007-08	225.5
2008-09	276.7
2009-10	280.5

**Appendix 3.xxxvii CONSUMPTION PATTERN OF COTTON YARN BY THE  
HANDLOOM INDUSTRY,NADIA DISTRICT**

<b>Year</b>	<b>Consumption of Cotton Yarn in Handloom Sector ( in lakh Rupees)</b>
2003-04	187.98
2004-05	189.21
2005-06	175.86
2006-07	202.45
2007-08	217.98
2008-09	278.56
2009-10	318.71

**Appendix 3.xxxviii CONSUMPTION PATTERN OF SILK YARN BY THE  
HANDLOOM INDUSTRY, NADIA DISTRICT**

<b>Year</b>	<b>Consumption of Silk Yarn in Handloom Sector (in lakh Rupees)</b>
2003-04	43.21
2004-05	49.78
2005-06	30.29
2006-07	33.51
2007-08	55.96
2008-09	57.86
2009-10	58.72

**Appendix 3.xxxx EXPORT OF HANDLOOM PRODUCTS, NADIA DISTRICT**

<b>Year</b>	<b>Export Sale of Handloom Products( in lakh Rupees)</b>
2003-04	998
2004-05	976
2005-06	876
2006-07	814
2007-08	775
2008-09	796
2009-10	871

**Appendix 3.xxxx SALE OF HANDLOOM PRODUCTS OF NADIA DISTRICT  
IN DOMESTIC MARKET**

<b>Year</b>	<b>Sale of Handloom Products in Fairs/ through Government Organization in lakh Rupees)</b>
2003-04	145.1
2004-05	132.9
2005-06	127.9
2006-07	130.46
2007-08	117.92
2008-09	110.51
2009-10	110.76

**Appendix 3.xxxx CONCENTRATION OF INDUSTRIAL WORKERS,  
NADIA DISTRICT, 2010**

<b>Area</b>	<b>Total Industrial Workers</b>	<b>Total Weavers</b>
Nadia District	184411	112470
Santipur, Ranaghat I, Krisnanagar and Nabadwip	106563	87426



**Appendix 3.xxxxii PROBLEMS FACED BY HIRED LABOURERS**

<b>Types of Problems</b>	<b>Number of Surveyed Population</b>
Kept silent	176
Poor living conditions and illiteracy	42
Low wages/ exploitation by owners	78
Temporary nature of employment	86
Health hazards	71
Natural hazards	32

**Appendix 3.xxxxiii PROBLEMS FACED BY WEAVERS (Owners of Production Units)**

<b>Types of Problems</b>	<b>Number of Surveyed Population</b>
Kept silent	20
Poor living conditions	12
Insufficient supply of raw materials	75
Contraint of finance	41
Duplication by powerlooms	70
Loss of money in private investments	41
Natural hazards	90

**Appendix 3.xxxxiv PROBLEMS FACED BY SHOPKEEPERS**

<b>Types of Problems</b>	<b>Number of Surveyed Population</b>
Kept silent	14
Poor living conditions	2
Exploitation by mahajans	9
Financial constraint	12
Loss of money in private investments	7
Natural hazards	4

**Appendix 3.xxxxv PROBLEMS FACED BY YARN SUPPLIERS**

<b>Types of Problems</b>	<b>Number of Surveyed Population</b>
Kept silent	2
Financial constraint	5
Intermittent supply of raw materials	6
Price fluctuation in the market	3
Improper implementation of government policies	4
Natural hazards	6

**Appendix 3.xxxxvi PROBLEMS FACED BY DYERS**

<b>Types of Problems</b>	<b>Number of Surveyed Population</b>
Kept silent	2
Poor living conditions	8
Low wage	7
Temporary nature of jobs	5
Health hazards	7
Natural hazards	4

**Appendix 3.xxxxvii PROBLEMS FACED BY COOPERATIVE WORKERS**

<b>Types of Problems</b>	<b>Number of Surveyed Population</b>
High training cost of weavers	10
Unsteady procurement of raw materials	15
Improper marketing policies	11
Low profit margins in local sales	7
Low amount of export activities	16
Duplication by powerloom sector	18
Limited areas of influence	10
Improper implementation of welfare schemes	11
Natural hazards	5