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NATIONAL SAMPLE SURVEY ORGANISATION

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THIRTYTHIRD ROUND

जुलाई 1978—जून 1979

JULY 1978—JUNE 1979

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उत्तर-पूर्वी राज्यों में स्वतः के उपभोग के लिए बहुत  
तथा बेत और बांस के उत्पादों के चिनिर्माण में रत  
परिवारों पर टिप्पणियों सहित सारणियाँ

TABLES WITH NOTES ON HOUSEHOLDS ENGAGED IN  
MANUFACTURE OF TEXTILES AND CANE AND BAMBOO  
PRODUCTS FOR OWN CONSUMPTION IN  
NORTH EASTERN STATES

मई 1983  
MAY 1983

सांख्यिकी विभाग  
DEPARTMENT OF STATISTICS

नई दिल्ली  
NEW DELHI

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STATES

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NATIONAL SAMPLE SURVEY  
THIRTYTHIRD ROUND : JULY 1978 - JUNE 1979

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SUMPTION IN NORTH EASTERN STATES

SECTION ONE

INTRODUCTION

1.1 The National Sample Survey Organisation (NSSO) conducted some enquiries specially suited to the needs of the North Eastern<sup>1/</sup> States during the thirtyfirst (1976-77), thirtyssecond (1977-78) and thirtythird (1978-79) rounds alongwith the regular all-India enquiries. One such special enquiry conducted in the rural areas of the North Eastern Region during the thirtythird round of survey was on households engaged in manufacture of textiles and cane and bamboo products for own consumption.

1.2 In the North Eastern Region, many households are engaged in production of hand woven clothings and articles made of cane and bamboo for their own consumption only and such type of activities are not considered as economic activity of the household. The objective of the survey was to collect some broad information about the activities of such households.

1.3 The period of survey was from 1st July 1978 to 30th June 1979.

1.4 The special enquiry was conducted in the rural areas of Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Tripura and two hill districts (North Cachar and Karbi Anglong) of Assam. These States and Union Territories also participated in the survey on an equal matching basis by conducting the survey in a sample of equal size in the respective States and Union Territories.

1.5 The information was collected in schedule 16.5 : Weaving and manufacture of cane and bamboo products for own consumption. Initially to prepare a frame of eligible households all the households in the sample villages were listed in the listing schedule O.A. At the listing stage besides noting down the name of the head of the household some other particulars like whether the household was engaged in weaving or cane/bamboo work for own consumption were collected. From this list of households a sample of households were selected in each sample village for detailed enquiry.

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<sup>1/</sup> North Eastern Region comprises of five states viz. Assam, Manipur, Meghalaya, Nagaland and Tripura and two Union Territories viz. Arunachal Pradesh and Mizoram.

1.6 The information collected in the household schedule 16.5 covered some broad characteristics of the sample household and detailed particulars regarding manufacture of textiles for own consumption such as type of looms operated, type of yarn used for weaving, source of raw materials used, production of textile articles, engagement of household members in production process and the manner in which the skill was acquired by the household. Almost similar information regarding manufacture of cane and bamboo products for own consumption were collected through the same schedule.

1.7 The data in the central sample were collected by Field Operations Division of NSSO in case of Assam (hill districts) and Meghalaya and by State Statistical Bureaus for Arunachal Pradesh, Manipur,<sup>2/</sup> Mizoram and Tripura.

1.8 The number of sample villages and sample households actually surveyed for the detailed enquiry in each state are as follows.

north-eastern state	number of sample	
	villages	households
(1)	(2)	(3)
1. Arunachal Pradesh	177	858
2. Assam (hill districts)	162	763
3. Meghalaya	173	838
4. Mizoram	142	836
5. Tripura	180	826

1.9 Eighteen tables have been presented in Appendix II of the report - one based on listing schedule and the remaining seventeen on detailed schedule of which ten relates to households engaged in manufacture of textiles for own consumption and seven to households engaged in manufacture of cane and bamboo products for own consumption. The table prepared from the listing schedule gives the number of sample villages, estimated number of households as well as the estimated number of households engaged in manufacture of textiles and/or cane and bamboo products

2/ As the filled-in schedules relating to Manipur state were not made available to NSSO, this report excludes that State.

for own consumption classified by household group. The tables generated from the detailed schedule relating to households engaged in manufacture of textiles for own consumption show the distribution of such households by household group/tribe, average number of looms operated, type and source of raw materials used, value of raw materials purchased, number and value of textile items produced, average number of persons per household engaged in the production process and the distribution of households by source of skill in the trade alongwith some other information. Similar types of information pertaining to households engaged in manufacture of cane and bamboo products for own consumption, collected in the detailed schedule, have been presented in the last seven tables.

1.10 All tables have been presented by state. Section II gives concepts and definitions used in the survey, Section III gives some important findings of the survey, A note on sample design and estimation procedure is given in Appendix I. Appendix II gives the statistical tables.

SECTION TWO  
CONCEPTS AND DEFINITIONS

- 2.1 Some of the important concepts and definitions followed in the survey are noted below.
- 2.2 House : Every structure, tent, shelter etc, is a house irrespective of its use.
- 2.3 Household : A household is a group of persons normally living together and taking food from a common kitchen. Each of the persons constituting a household is a member of the household.
- 2.4 Household size : The number of normally resident members of a household is its size. Guests and temporary visitors are excluded but temporary stay-aways are included.
- 2.5 Traditional activity : The activity of a household is considered as traditional if the father and forefather of the present generation had also been doing the same type of manufacturing activity and the technical know-how is conveyed from the fathers to the sons. Even when the technical know-how of the activity is communicated by near relations the activity is considered as traditional.
- 2.6 Manufacture of cane and bamboo products (for own consumption)  
For the purpose of the survey all types of articles made from cane and bamboo by the household for own use excluding those put to use in construction work are taken into account.

SECTION THREE

SOME FINDINGS OF THE SURVEY

3.1 Some important findings of the survey based on the detailed results given in Appendix II of the report have been presented in this section.

3.2 Engagement of households in manufacture of textiles and/or cane and bamboo products for own consumption : All the states of the north eastern region under consideration except Tripura are mostly inhabited by people belonging to scheduled tribes. It can be seen from Table (1) of the Appendix, prepared from the information collected in the listing schedule, that the percentages of households engaged in manufacture of textiles and/or cane and bamboo products for own consumption to total number of households in the state are 69 for Arunachal Pradesh and Assam (hill districts), 40 for Meghalaya, 60 for Mizoram and 24 for Tripura.

3.3 Tables (2.1) to (2.5), (3) to (10) and (11.1) to (11.5) of the Appendix relate to the households engaged in manufacture of textiles either exclusively or along with the manufacture of cane and bamboo products for own consumption and have been taken as households engaged in manufacture of textiles for subsequent discussions. These tables have been prepared from the information collected in the detailed schedule.

3.4 Engagement of scheduled tribe households in manufacture of textiles for own consumption : The percentages of scheduled tribe households engaged in manufacture of textiles for own consumption to all households engaged in that pursuit, as observed from Tables (2.1) to (2.5) of the Appendix, are 99 for Arunachal Pradesh, 95 for Assam (hill districts), 100 for Meghalaya and Mizoram and 89 for Tripura.

3.5 Percentage of households operating looms : From Table (4) of the Appendix, in which the percentages of households operating any loom have been given, it is observed that in all the states except Arunachal Pradesh majority of the households operated hand-looms - the percentages are 100 for Assam (hill districts) and Meghalaya, 60 for Mizoram and 53 for Tripura. In Arunachal Pradesh 65 percent of households operated loin loom.

3.6 Average number of looms operated per household : The average number of looms operated per household comes out as 1.11 for Arunachal Pradesh, 1.20 for Assam (hill districts), 1.00 for Meghalaya, 1.23 for Mizoram and 1.74 for Tripura from Table (5) of the Appendix. This shows that on an average, 4 households engaged in manufacture of textiles in these states operate at least one loom.

3.7 Type of yarn used : Most of the households used cotton yarn in manufacture of textiles for own consumption in all the states of the region - their percentages to total number of households engaged in such activities are 86 for Arunachal Pradesh, 100 for Assam (hill districts), Mizoram and Tripura, and 50 for Meghalaya according to Table (6) of the Appendix.

3.8 Average value of raw materials purchased and production of textile items : From Table (9) of the Appendix it can be seen that majority of the households reported production of women's apparel in the different states of the region. The statewise average value of raw materials purchased as well as the average value of production of textile items per household are summarised below in Table (1) from Tables (8) and (9) of the Appendix. It is observed that Mizoram reported highest per household average value of production which is Rs. 518 against per household average value of raw materials purchased of Rs. 109.

Table (1) : Per household average value of raw materials purchased and production of textile items by state  
[Rural, July 1978 - June 1979]

northeastern state/ 	per household average value (in Rs.) of	
	raw materials purchased	production
(1)	(2)	(3)
1. Arunachal Pradesh	58	175
2. Assam (hill districts)	49	126
3. Meghalaya	22	128
4. Mizoram	109	518
5. Tripura	58	99

**3.9 Participation of household members in production of textiles :**  
The participation of household members in the production of textiles by sex for the states of the region has been given below in Table (2) based on Table (10) of the Appendix. It can be seen that everywhere the production of textiles is being carried out mostly by the female members of the household.

**Table (2) : Per household average number of household members engaged in production of textiles by sex and by state [Rural, July 1978 - June 1979]**

north-eastern state  (1)	per household average number (0.00) engaged		
	males  (2)	females  (3)	persons  (4)
1. Arunachal Pradesh	0.24	1.36	1.60
2. Assam (hill districts)	0.30	1.50	1.80
3. Meghalaya	-	1.00	1.00
4. Mizoram	0.01	1.31	1.32
5. Tripura	0.03	1.46	1.49

**3.10 Percentage distribution of households by source of skill in production of textiles :** The percentages of households to total number of households engaged in the production of textiles reported their skill in such activity as traditional or otherwise are given below in Table(3) based on Table(11.1) to (11.5) of the Appendix. It can be observed that most of the households acquired their skill in the activity traditionally. It can also be seen from the detailed tables that majority of the households reporting skill as non-traditional acquired the same from neighbours.

**Table(3) : Percentage distribution of households by source of skill in production of textiles by state [Rural, July 1978 - June 1979]**

north-eastern state  (1)	skill in activity reported as	
	traditional  (2)	non-traditional  (3)
1. Arunachal Pradesh	81	19
2. Assam (hill districts)	99	1
3. Meghalaya	100	-
4. Mizoram	88	12
5. Tripura	100	-

3.11 Tables (12.1) to (12.5), (13) to (17) and (18.1) to (18.5) of the Appendix relate to the households engaged in the manufacture of cane and bamboo products either exclusively or along with the manufacture of textiles for own consumption and have been taken as households engaged in manufacture of cane and bamboo products for discussions in the following paragraphs. These tables have been generated from the information collected in the detailed schedule.

3.12 Engagement of scheduled tribe households in manufacture of cane and bamboo products for own consumption : From Table (12.1) to (12.5) of the Appendix it is observed that the percentages of scheduled tribe households engaged in manufacture of cane and bamboo products for own consumption to all households engaged in that pursuit are 100 for Arunachal Pradesh and Mizoram, 90 for Assam (hill districts), 98 for Meghalaya and 87 for Tripura.

3.13 Average value of production of cane and bamboo articles : The average value of production per household for all types of cane and bamboo articles produced by the households are given below in Table (4) based on Table (16) of the Appendix. Mizoram has reported the highest per household average value of production of cane and bamboo articles among all the states of the region which is Rs.262.

Table(4) : Per household average value of production of cane and bamboo articles by state

[Rural, July 1978 - June 1979 ]

north-eastern state	per household average value of production (in Rs.)
(1)	(2)
1. Arunachal Pradesh	73
2. Assam (hill districts)	45
3. Meghalaya	39
4. Mizoram	262
5. Tripura	37

.....p/5.

3.14 Participation of household members in production of cane and bamboo articles : The engagement of household members by sex in production of cane and bamboo articles is given below in Table (5) based on Table (17) of the Appendix for the states of the region. It can be observed that unlike weaving the production of cane and bamboo articles is mostly carried out by male members of the household in all the states under consideration.

Table (5) : Per household average number of household members engaged in production of cane and bamboo articles by sex and by state

[Rural, July 1978 - June 1979]

north-eastern state  (1)	per household average number (0.00) engaged		
	males	females	persons
	(2)	(3)	(4)
1. Arunachal Pradesh	1.29	0.19	1.48
2. Assam (hill districts)	1.37	0.17	1.54
3. Meghalaya	1.01	0.26	1.27
4. Mizoram	1.20	0.06	1.26
5. Tripura	1.22	0.13	1.35

3.15 Percentage distribution of households by source of skill in production of cane and bamboo articles : Like weaving most of the households in different states of the region reported the skill acquired in the production of cane and bamboo articles as traditional. The percentage of households reported skill as traditional or otherwise are summarised below in Table (6) based on Tables (18.1) to (18.5) of the Appendix. It can be observed from the detailed tables that most of the households reporting skill as non-traditional acquired their skill in the activity from neighbours

Table (6) : Percentage distribution of households by source of skill in production of cane and bamboo articles by state

[Rural, July 1978 - June 1979]

north-eastern state  (1)	skill in activity reported as	
	traditional	non-traditional
	(2)	(3)
1. Arunachal Pradesh	88	12
2. Assam (hill districts)	93	7
3. Meghalaya	59	41
4. Mizoram	92	8
5. Tripura	94	6

APPENDIX I

SAMPLE DESIGN AND INVESTIGATION PROCEDURE

SAMPLE DESIGN

1. Basic design : The sample design was stratified with two stage selection within each stratum. For the special enquiries in the rural areas of North Eastern States, the first-stage units were villages and the second-stage units were households.
2. Stratification : Each State/Union Territory was divided into a few agro-economic regions by grouping contiguous districts of similar agricultural profile. Strata for sampling were formed within regions. Each district with less than 1.5 million rural population (1971 census) formed a basic stratum by itself except in Arunachal Pradesh where some districts with less than the above population were divided into two or more basic strata by grouping contiguous tehsils having similar crop pattern and density of rural population.
3. Allocation : The total sample size of villages for a state was fixed on the basis of total number of investigators available in that state and the norm of work-load per investigator. The total number of samples of a state was then allocated to its different rural strata in proportion to their population content.
4. Sample size : The sample sizes in terms of clusters/villages and households are shown in the table below :

north eastern state	number of samples	
	clusters/ villages	households per cluster/village for schedule 16.5
(1)	(2)	(3)
1. Arunachal Pradesh	40 clusters	24
2. Assam (hill districts)	36 clusters	24
3. Manipur (hills)	20 clusters	24
4. Manipur (plains)	72 villages	6
5. Meghalaya	40 clusters	24
6. Mizoram	156 villages	6
7. Tripura	50 clusters	24

Originally 20 clusters were allotted to Assam (hill districts). But subsequently an additional 16 clusters were added to supplement the sample size for the regular all-India enquiry. Those additional samples were also covered in the special enquiry.

5. Selection of villages : Clusters of villages around some nucleus villages in each stratum were surveyed to reduce the difficulties of journey from one sample village to another. Nucleus villages were selected circular systematically with equal probability in each stratum. A few villages around a nucleus village were grouped to form a cluster of villages at the state field headquarter for detailed enquiries following some guidelines. A cluster was generally contained 4 villages including the nucleus village. However, individual villages were surveyed in Mizoram and in Manipur Central District.

6. Selection of households : Under the cluster sampling scheme there was no sub-division of large villages and all the households in the sample village were listed. A total of 24 households was selected in each cluster and that number was equally distributed over the villages within a cluster. When the number of households in a village was found to be less than the number to be selected from it then the balance was made up by increasing the quota in other villages in the cluster. Households were selected circular systematically from the frame prepared in the village listing schedule. In each sample village of Manipur plains and Mizoram, a sample of 6 households was selected circular systematically.

#### Estimation Procedure

7. The estimation procedure followed for different schedules is noted below. In the following  $\hat{Y}$  stands for the estimate of the state total of characteristic  $y$  based on the whole sample.

8. Schedule O.A.

$$\hat{Y} = \sum_{s=1}^k \frac{N_s}{n_s} \sum_{i=1}^{n_s} D_{si} y_{si}$$

Where k is the number of strata in a state,  
s is the subscript for stratum,  
N is the total number of villages in a stratum,  
n is the number of surveyed villages,  
i is the subscript for village,  
and D is the number of subdivisions formed in a village.

9. Schedule 16,5

$$\hat{Y} = \sum_{s=1}^k \frac{N_s}{n_s} \sum_{i=1}^{n_s} D_{si} \frac{H_{si}}{h_{si}} \sum_{j=1}^{h_{si}} y_{sei,j}$$

Where H is the total number of households in the frame,  
h is the number of surveyed households,  
and j is the subscript for household.  
The summation  $\sum$  extends over the hill districts only in Assam.  
It extends over all the strata in other states.

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NATIONAL SAMPLE SURVEY

THIRTYTHIRD ROUND : JULY 1978 - JUNE 1979

APPENDIX II

DETAILED TABLES

Eighteen tables have been presented here. Of these Table (1) has been prepared from Schedule O.A (List of households) and Tables (2) to (18) from Schedule 16.5 (weaving and manufacture of cane and bamboo products for own consumption). Among the tables generated from schedule 16.5, Tables (2) to (11) relate to households engaged in manufacture of textiles and Tables (12) to (18) to households engaged in manufacture of cane and bamboo products for own consumption.

List of tables

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Table (1) : Number of sample villages, estimated number of households, and estimated number of households engaged in manufacture of textiles and/or cane and bamboo products by household group and state

north-eastern state	number of sample villages	estimated number of households				(6)
		scheduled caste	scheduled tribe	others	total	
(1)	(2)	(3)	(4)	(5)	(6)	
1. Arunachal Pradesh	177	688	87783	11638	100309	
2. Assam (hill districts)	162	4104	49905	14642	65551	
3. Meghalaya	173	6931	160518	32783	200232	
4. Mizoram	142	680	37462	825	38967	
5. Tripura	180	40899	93564	138604	273067	

Table (1) Contd.

north-eastern state	estimated number of households engaged in manufacture of textiles and/or cane and bamboo products					percentage to total households $\frac{\text{cal}(10)}{\text{cal}(1)} \times 100.7$
	scheduled caste	scheduled tribe	others	total	(5)	
(1)	(2)	(3)	(4)	(5)	(11)	
1. Arunachal Pradesh	369	67673	746	68788		68.58
2. Assam (hill districts)	726	42006	4315	47047		68.53
3. Meghalaya	201	77919	977	79097		39.50
4. Mizoram	479	22730	33	23242		59.65
5. Tripura	2409	56762	6986	66157		21.23

**MANUFACTURE OF TEXTILES  
FOR OWN CONSUMPTION**

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table(2.1) : Distribution of sample and estimated number of households engaged in manufacture of textiles and their percentages to total by household group/tribe

State : Arunachal Pradesh

household group/tribe (1)	number of sample households (2)	estimated number of households (3)	percentage (0.00) (4)
1. scheduled caste	-	-	-
<u>scheduled tribe</u>			
2.1 Adi Padam	23	5521	16.23
2.2 Bangni	51	4999	14.70
2.3 Bogum	14	447	1.32
2.4 Bori	10	1205	3.54
2.5 Digaru/Tarsam	48	1045	3.07
2.6 Dirang Monpa	22	1210	3.56
2.7 Gallong	22	2313	6.80
2.8 Kaman/Miju Mishomi	15	490	1.44
2.9 Longchang Tangsa	27	2463	7.24
2.10 Mishing/Miri	20	1134	3.33
2.11 Nishang	11	2119	6.23
2.12 Nissi	37	2214	6.51
2.13 Nocte	8	434	1.28
2.14 Padam	6	655	1.93
2.15 Pangti	18	4571	13.44
2.16 other scheduled tribes	86	2936	8.64
2. all scheduled tribes	418	33757	99.26
3. others	6	253	0.74
4. total	424	34010	100.00

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table(2.2) : Distribution of sample and estimated number of households engaged in manufacture of textiles and their percentages to total by household group/tribe ..

State : Assam (hill districts)

household group/tribe	number of sample households	estimated number of households	percentage (0.00)
(1)	(2)	(3)	(4)
1. scheduled caste	-	-	-
scheduled tribe			
2.1 Dimasa	155	7589	18.51
2.2 Mikir	459	30071	73.32
2.3 Any Naga tribes	6	642	1.57
2.4 other scheduled tribes	6	706	1.72
2. all scheduled tribes	626	39008	95.12
3. others	24	2002	4.88
4. total	650	41010	100.00

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Tables(2.3) : Distribution of sample and estimated number of households engaged in manufacture of textiles and their percentages to total by household group/tribe

State : Meghalaya

household group/tribe	number of sample households	estimated number of households	percenta- (0.00)
(1)	(2)	(3)	(4)
1. scheduled caste	-	-	-
scheduled tribe			
2.1 Khasi & Jaintia	2	58	100.00
2.2 other scheduled tribes	-	-	-
2. all scheduled tribes	2	58	100.00
3. others	-	-	-
4. total	2	58	100.00

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table(2.4) : Distribution of sample and estimated number of households engaged in manufacture of textiles and their percentages to total by household group/tribe

state : Mizoram

household group/tribe	number of sample households	estimated number of households	percentage (0.00)
(1)	(2)	(3)	(4)
1. scheduled caste	-	-	-
scheduled tribe			
2.1 Chakma	42	578	2.63
2.2 Lakhher	91	804	3.67
2.3 Any Mizo (Lushai Tribes)	522	19371	88.30
2.4 Pawi	74	1072	4.89
2.5 other scheduled tribes	3	107	0.49
2. all scheduled tribes	732	21932	99.98
3. others	1	4	0.02
4. total	733	21936	100.00

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table(2.5) : Distribution of sample and estimated number of households engaged in manufacture of textiles and their percentages to total by household group/tribe

State : Tripura

household group/tribe	number of sample households	estimated number of households	percentage (0.00)	
	(1)	(2)	(3)	(4)
1. scheduled caste	4	168	0.29	
scheduled tribe				
2.1 Mag	24	1427	2.44	
2.2 Kuki	12	2022	3.47	
2.3 Chakma	14	832	1.43	
2.4 Tripura	430	35917	61.56	
2.5 Jamatia	38	4970	8.52	
2.6 Riang	67	6104	10.46	
2.7 other scheduled tribes	13	800	1.37	
2. all scheduled tribes	598	52072	89.25	
3. others	57	6105	10.46	
4. total	659	58345	100.00	

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table(3) : Distribution of sample and estimated number of households engaged in manufacture of textiles and their percentages to total by household monthly per capita expenditure class

household monthly per capita expen- diture(Rs.) class	number of sample households	estimated number of households	percentage (0.00)
(1)	(2)	(3)	(4)
<u>State : Arunachal Pradesh</u>			
1. 0 - 10	-	-	-
2. 10 - 15	-	-	-
3. 15 - 20	-	-	-
4. 20 - 30	7	1447	4.25
5. 30 - 50	73	6173	18.16
6. 50 - 70	138	8603	25.29
7. 70 - 100	149	12787	37.60
8. 100 & above	57	4998	14.70
9. all classes	424	34010	100.00
<u>State : Assam (hill districts)</u>			
1. 0 - 10	-	-	-
2. 10 - 15	-	-	-
3. 15 - 20	-	-	-
4. 20 - 30	24	1845	4.50
5. 30 - 50	492	29873	72.84
6. 50 - 70	127	8903	21.71
7. 70 - 100	7	388	0.95
8. 100 & above	-	-	-
9. all classes	650	41010	100.00
<u>State : Meghalaya</u>			
1. 0 - 10	-	-	-
2. 10 - 15	-	-	-
3. 15 - 20	-	-	-
4. 20 - 30	-	-	-
5. 30 - 50	2	58	100.00
6. 50 - 70	-	-	-
7. 70 - 100	-	-	-
8. 100 & above	-	-	-
9. all classes	2	58	100.00

NATIONAL SAMPLE SURVEY, 33rd Round : July 1978-June 1979

Table (3) Contd. : Distribution of sample and estimated number of households engaged engaged in manufacture of textiles and their percentages to total by household monthly per capita expenditure class

household monthly per capita expen- diture (Rs.) class	number of sample house- holds	estimated number of house- holds	percentage (0.00)
(1)	(2)	(3)	(4)
<u>State : Mizoram</u>			
1. 0 - 10	-	-	-
2. 10 - 15	3	69	0.31
3. 15 - 20	1	26	0.12
4. 20 - 30	28	408	1.06
5. 30 - 50	268	7819	35.65
6. 50 - 70	200	5836	26.61
7. 70 - 100	168	6165	28.10
8. 100 & above	65	1613	7.35
9. all classes	733	21936	100.00
<u>State : Tripura</u>			
1. 0 - 10	2	278	0.46
2. 10 - 15	-	-	-
3. 15 - 20	6	622	1.07
4. 20 - 30	42	4022	6.89
5. 30 - 50	202	23008	39.43
6. 50 - 70	210	19292	33.07
7. 70 - 100	57	5799	9.94
8. 100 & above	60	5324	9.12
9. all classes	659	58345	100.00

National Sample Survey, 53rd Round : July 1978 - June 1979

Table (4) : Percentage of estimated number of households operating looms to total number of households engaged in manufacture of textiles by type of loom

type of loom	estimated number of households	col. (2) as percentage to total number of households engaged in manufacture of textiles	
		(2)	(3)
<b>(i)</b>			
State : Arunachal Pradesh			
1. loin loom	22181	65.22	
2. hand loom	2915	8.57	
(a) throw shuttle	2915	8.57	
(b) fly shuttle	590	1.16	
3. all types		73.49	
<b>(ii)</b>			
State : Assam (all districts)			
1. loin loom	297	0.72	
2. hand loom	40869	99.66	
(a) throw shuttle	40445	98.62	
(b) fly shuttle	1034	2.52	
3. all types		100.00	
<b>(iii)</b>			
State : Meghalaya			
1. loin loom	-	-	
2. hand loom	58	100.00	
(a) throw shuttle			
(b) fly shuttle	58	100.00	
3. all types		100.00	
<b>(iv)</b>			
State : Mizoram			
1. loin loom	8028	56.60	
2. hand loom	13193	60.14	
(a) throw shuttle	12739	58.07	
(b) fly shuttle	556	2.44	
3. all types		96.54	
<b>(v)</b>			
State : Tripura			
1. loin loom	29014	49.73	
2. hand loom	30991	53.12	
(a) throw shuttle	26306	45.09	
(b) fly shuttle	5951	10.20	
3. all types		100.00	

National Sample Survey, 33rd Round : July 1978 - June 1979

Table (5) : Average number of looms operated per household engaged in manufacture of textiles by type of loom

type of loom	number of looms operated	average no number of looms operated per hh. (0.00)	
		(1)	(2)
<u>State : Arunachal Pradesh</u>			
1. loin loom	33532	0.99	
2. hand loom	4235	0.12	
(a) throw shuttle	3736	0.11	
(b) fly shuttle	499	0.01	
3. all types (srl. nos. 1+2)	37767	1.11	
<u>State : Assam (hill districts)</u>			
1. loin loom	297	0.01	
2. hand loom	48646	1.19	
(a) throw shuttle	47612	1.16	
(b) fly shuttle	1034	0.03	
3. all types (srl. nos. 1+2)	48943	1.20	
<u>State : Nagaland</u>			
1. loin loom	-	-	
2. hand loom	58	1.00	
(a) throw shuttle	58	1.00	
(b) fly shuttle	-	-	
3. all types (srl. nos. 1+2)	58	1.00	
<u>State : Mizoram</u>			
1. loin loom	10533	0.48	
2. hand loom	16382	0.75	
(a) throw shuttle	15789	0.72	
(b) fly shuttle	593	0.03	
3. all types (srl. nos. 1+2)	26917	1.23	
<u>State : Tripura</u>			
1. loin loom	35256	0.60	
2. hand loom	66490	1.14	
(a) throw shuttle	55758	0.96	
(b) fly shuttle	10752	0.18	
3. all types (srl. nos. 1+2)	101746	1.74	

National Sample Survey, Third Round : July 1970 - 1979

Table (6) : Distribution of estimated number of households and their percentage to total number of households engaged in manufacture of textiles by type of yarn used

type of yarn used	estimated number of households	col. (2) as percentage to total number of households engaged in manufacture of textile
(1)	(2)	(3)
<b>State : Arunachal Pradesh</b>		
1. cotton	29174	85.78
2. silk	-	-
(a) muga	93	0.27
(b) eri	1206	3.55
(c) pat	-	-
(d) tassar	244	0.72
3. other non-synthetic	5512	16.21
4. synthetic	71	0.21
<b>State : Assam (hill districts)</b>		
1. cotton	40992	59.96
2. silk	-	-
(a) muga	274	0.67
(b) eri	5545	13.52
(c) pat	141	0.34
(d) tassar	-	-
3. other non-synthetic	-	-
4. synthetic	-	-
<b>State : Sikkim</b>		
1. cotton	29	50.00
2. silk	-	-
(a) muga	-	-
(b) eri	-	-
(c) pat	-	-
(d) tassar	-	-
3. other non-synthetic	-	-
4. synthetic	-	-

Table (6) Contd. : Distribution of estimated number of households and their percentage to total number of households engaged in manufacture of textiles by type of yarn used

type of yarn used	estimated number of households	col.(2) as percentage to total number of house- holds engaged in manufacture of textiles
		(3)
State : Mizoram		
1. cotton	21885	99.77
2. silk	-	-
(a) muga	22	0.10
(b) eri	22	0.10
(c) pat	22	0.10
(d) tassar	22	0.10
3. other non-synthetic	1377	0.28
4. synthetic	680	3.10
State : Tripura		
1. cotton	58315	100.00
2. silk	-	-
(a) muga	-	-
(b) eri	-	-
(c) pat	-	-
(d) tassar	-	-
3. other non-synthetic	-	-
4. synthetic	-	-

Table (7) : Percentage distribution of estimated number of households/manufactura. of textiles by type and source of raw materials

type of material	source of raw materials				total
	home production only	purchase only	home production and purchase	others including not used	
(1)	(2)	(3)	(4)	(5)	(6)
<b>State : Arunachal Pradesh</b>					
1. cotton	29.94	18.72	2.33	49.01	100.00
2. cocoon	0.41	3.61	-	95.98	100.00
3. yarn	3.10	56.69	14.20	26.01	100.00
4. dyestaff	-	3.82	-	96.18	100.00
<b>State : Assam</b>					
1. cotton	20.22	61.20	0.33	10.25	100.00
2. cocoon	6.06	0.89	0.78	89.47	100.00
3. yarn	1.46	27.27	-	71.27	100.00
4. dyestaff	-	-	-	100.00	100.00
<b>State : Meghalaya</b>					
1. cotton	-	50.00	-	50.00	100.00
2. cocoon	-	-	-	100.00	100.00
3. yarn	-	-	-	100.00	100.00
4. dyestaff	-	-	-	100.00	100.00
<b>State : Mizoram</b>					
1. cotton	13.52	53.70	8.22	24.56	100.00
2. cocoon	-	0.97	-	99.03	100.00
3. yarn	0.28	35.15	2.85	61.72	100.00
4. dyestaff	0.15	6.76	-	93.09	100.00
<b>State : Tripura</b>					
1. cotton	5.08	26.09	1.84	66.99	100.00
2. cocoon	-	0.07	-	99.93	100.00
3. yarn	0.05	71.30	-	26.65	100.00
4. dyestaff	-	-	-	100.00	100.00

National Sample Survey, 33rd Round : July 1978 - June 1979

Table (8) : Average value of raw materials purchased per household engaged in manufacture of textiles by item

item	value of raw materials purchased (Rs.)	average value of raw materials purchased per household (Rs.0.00)
(1)	(2)	(3)
State : Arunachal Pradesh		
1. cotton	590495	11.48
2. cocoon	125081	3.68
3. yarn	1380893	40.60
4. dyestaff	59741	1.76
5. total	1956210	57.52
State : Assam (hill districts)		
1. cotton	1498869	36.55
2. cocoon	25080	0.61
3. yarn	474888	11.58
4. dyestaff	-	-
5. total	1998837	48.74
State : Meghalaya		
1. cotton	1305	22.50
2. cocoon	-	-
3. yarn	-	-
4. dyestaff	-	-
5. total	1305	22.50
State : Mizoram		
1. cotton	1171763	53.42
2. cocoon	3860	0.18
3. yarn	1120245	51.07
4. dyestaff	103330	4.71
5. total	2399198	109.38
State : Tripura		
1. cotton	822419	14.10
2. cocoon	4300	0.07
3. yarn	2538791	45.51
4. dyestaff	-	-
5. total	3365510	57.68

National Sample Survey, 33rd round : July 1978 - June 1979

Table (9) : Average number and value of production of textiles items per household engaged in manufacture of textiles by item of production

item	number produced	value of production (%)	average no. produced per household (0.00)	value of production per household (Rs.0.00)
(1)	(2)	(3)	(4)	(5)
<u>State : Arunachal Pradesh</u>				
1. men's apparel	59104	1818696	1.74	53.48
2. women's apparel	95678	2702776	2.75	79.47
3. other piece goods	46324	1439436	1.36	42.32
4. total	199106	5960908	5.85	175.27
<u>State : Assam (uli district)</u>				
1. men's apparel	186163	1401921	4.54	34.18
2. women's apparel	228624	2634027	5.57	64.23
3. other piece goods	8061	1124002	1.95	27.41
4. total	494848	5159850	12.06	125.82
<u>State : Meghalaya</u>				
1. men's apparel	-	-	-	-
2. women's apparel	261	5220	4.50	90.00
3. other piece goods	87	2175	1.60	37.50
4. total	348	7395	6.10	127.50
<u>State : Mizoram</u>				
1. men's apparel	6560	329860	0.30	15.04
2. women's apparel	85658	10437245	3.91	475.80
3. other piece goods	12773	600029	0.58	27.35
4. total	104951	11367135	4.79	518.19
<u>State : Tripura</u>				
1. men's apparel	44485	582636	0.76	9.99
2. women's apparel	219097	4496589	5.75	77.10
3. other piece goods	45245	711642	0.78	12.20
4. total	308827	5792867	5.29	99.29

Table (10) : Per household average number of males, females and persons engaged in manufacture of textiles by age group

age group in years	number of			per household average number (0.00)		
	males	females	persons	males	females	persons
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<u>State : Arunachal Pradesh</u>						
1. 0 - 9	-	66	66	-	0.00	0.00
2. 10 - 14	1387	1633	3020	0.04	0.05	0.09
3. 15 - 19	396	8095	8490	0.01	0.24	0.25
4. 20 - 44	5532	30180	35712	0.16	0.89	1.05
5. 45 - 59	1006	5774	6780	0.03	0.17	0.20
6. 60 & above	27	395	422	0.00	0.01	0.01
7. total	8347	46143	54490	0.24	1.36	1.60
<u>State : Assam (hill districts)</u>						
1. 0 - 9	539	211	750	0.01	0.01	0.02
2. 10 - 14	404	2649	3053	0.01	0.06	0.07
3. 15 - 19	1406	9316	10722	0.03	0.23	0.26
4. 20 - 44	8819	41154	49973	0.22	1.00	1.22
5. 45 - 59	1138	6731	7869	0.03	0.16	0.19
6. 60 & above	164	1510	1674	0.00	0.04	0.04
7. total	12470	61571	74041	0.30	1.50	1.60
<u>State : Meghalaya</u>						
1. 0 - 9	-	-	-	-	-	-
2. 10 - 14	-	-	-	-	-	-
3. 15 - 19	-	29	29	-	0.50	0.50
4. 20 - 44	-	29	29	-	0.50	0.50
5. 45 - 59	-	-	-	-	-	-
6. 60 & above	-	-	-	-	-	-
7. total	-	58	58	-	1.00	1.00
<u>State : Mizoram</u>						
1. 0 - 9	-	43	43	-	0.00	0.00
2. 10 - 14	-	182	182	-	0.01	0.01
3. 15 - 19	23	5800	5823	0.00	0.27	0.27
4. 20 - 44	309	19852	20161	0.01	0.91	0.92
5. 45 - 59	-	2368	2368	-	0.11	0.11
6. 60 & above	-	140	140	-	0.01	0.01
7. total	332	28385	28717	0.01	1.31	1.32
<u>State : Tripura</u>						
1. 0 - 9	-	64	64	-	0.00	0.00
2. 10 - 14	-	2879	1879	-	0.05	0.05
3. 15 - 19	557	15469	16026	0.01	0.27	0.28
4. 20 - 44	815	51632	52447	0.01	0.88	0.89
5. 45 - 59	547	12185	12732	0.01	0.21	0.22
6. 60 & above	218	3165	3383	0.00	0.05	0.05
7. total	2137	85394	87531	0.03	1.46	1.49

National Sample Survey, 33rd Round : July 1978 - June 1979

Table (11.1) : Percentage distribution of estimated number of households engaged in manufacture of textiles by source of skill and household group/tribe

State : Arunachal Pradesh

household group/tribe	tradi- tional	percentage distribution (0.00) of households by source of skill				total (6)	
		for non-traditional industry/activity					
		from neigh- bours (3)	from train- ing insti- tu- tions (4)	from others (5)			
(1)	(2)	(3)	(4)	(5)	(6)	(6)	
<b>1. Scheduled caste</b>	-	-	-	-	-	-	
Scheduled tribe							
2.1 Adi Padam	100.00	-	-	-	-	-	
2.2 Bengni	100.00	-	-	-	-	-	
2.3 Bogum	-	95.97	4.03	-	100.00		
2.4 Bori	-	37.30	-	12.70	100.00		
2.5 Deori	100.00	-	-	-	-	-	
2.6 Dirang Monpa	100.00	-	-	-	-	-	
2.7 Gallong	53.09	41.64	5.27	-	46.91		
2.8 Kaman/Miju Mishmi	100.00	-	-	-	-	-	
2.9 Longchang Tangsa	-	100.00	-	-	100.00		
2.10 Nishing/Niri	100.00	-	-	-	-	-	
2.11 Nishang	95.61	4.39	-	-	4.39		
2.12 Nissi	98.37	1.63	-	-	1.63		
2.13 Noote	-	20.25	79.77	-	100.00		
2.14 Padam	100.00	-	-	-	-	-	
2.15 Pangi	100.00	-	-	-	-	-	
2.16 Other scheduled tribes	75.59	24.41	-	-	24.41		
<b>2. All scheduled tribes</b>	80.80	17.31	1.44	0.45	19.20		
<b>3. Others</b>	100.00	-	-	-	-	-	
<b>4. Total</b>	80.94	17.18	1.43	0.45	19.06		

National Sample Survey, 33rd Round : July 1978 - June 1979

Table (11.2) : Percentage distribution of estimated number of households engaged in manufacture of textiles by source of skill and household group/tribe

State : Assam (hill district)

household group/tribe	percentage distribution (0.00) of households by source of skill					total	
	tradi-	for non-traditional industry/activity					
		from neighbours	from training institu-	from others			
(1)	(2)	(3)	(4)	(5)	(6)		
1. Scheduled caste	-	-	-	-	-	-	
Scheduled tribe							
<i>Dimasa</i>							
2.1 Dimasa	98.30	1.70	-	-	1.70		
2.2 Mikir	100.00	-	-	-	-		
2.3 Any Naga	100.00	-	-	-	-		
2.4 Other scheduled tribes	100.00	-	-	-	-		
2. All scheduled tribes	99.67	0.33	-	-	0.33		
3. Others	96.25	0.90	-	2.85	3.75		
4. Total	99.50	0.36	-	0.14	0.50		

National Sample Survey, 33rd Round : July 1978 - June 1979

Table (11.5) : Percentage distribution of estimated number of households engaged in manufacture of textiles by source of skill and household group/tribe

State : Meghalaya

household group/ tribe	percentage distribution (0.00) of households by source of skill					total	
	tradi- tional	for non-traditional industry/activity					
		from neigh- hours	from train- ing	from insti- tutions	from others		
(1)	(2)	(3)	(4)	(5)	(6)		
1. Scheduled caste	-	-	-	-	-	-	
Scheduled tribe	-	-	-	-	-	-	
2.1 Khasi & Jamtia	100.00	-	-	-	-	-	
2. All scheduled tribes	100.00	-	-	-	-	-	
3. Others	-	-	-	-	-	-	
4. Total	100.00	-	-	-	-	-	

NATIONAL SAMPLE SURVEY, 33RD ROUND ; JULY 1978 - JULY 1979

Table (11.4) : Percentage distribution of estimated number of households engaged in manufacture of textiles by sources of skill and household group/tribe

State : Mizoram

household group/tribes.	percentage distribution (0.00) of households by source of skill for non-traditional industry/ activity					total
	traditional	from neighbours	from training insti- tutions	from others		
(1)	(2)	(3)	(4)	(5)	(6)	
1. Scheduled caste	-	-	-	-	-	-
Scheduled tribe	-	-	-	-	-	-
2.1 Chakma	100.00	-	-	-	-	-
2.2 Lekher	95.02	4.98	-	-	4.98	
2.3 Any Mizo(including tribes)	89.23	3.61	0.22	6.94	10.77	
2.4 Pawi	57.28	41.42	-	1.30	12.72	
2.5 Other scheduled tribes	100.00	-	-	-	-	
2. All scheduled tribes	88.22	5.39	0.19	6.20	11.78	
3. Others	100.00	-	-	-	-	
4. Total	88.22	5.39	0.19	6.20	11.78	

NATIONAL SAMPLE SURVEY 33RD ROUND, JULY 1978 - JUNE 1979

Table (11.5) : Percentage distribution of estimated number of households engaged in manufacture of textiles by source of skill and household group/tribe

State : Tripura

household group/tribe		percentage distribution(0.00) of households					
		for non-traditional industry/activity					
		trad- ition- al	from neigh- bour	from train- ing	from institu- tions	from others	total
(1)		(2)	(3)	(4)	(5)	(6)	
1.	Schedule caste	100.00	-	-	-	-	-
	Scheduled tribe	-	-	-	-	-	-
2.1	Mag	100.00	-	-	-	-	-
2.2	Kuki	100.00	-	-	-	-	-
2.3	Chakma	100.00	-	-	-	-	-
2.4	Tripura	100.00	-	-	-	-	-
2.5	Jamatia	100.00	-	-	-	-	-
2.6	Riang	100.00	-	-	-	-	-
2.7	Other scheduled tribes*	100.00	-	-	-	-	-
2.	All scheduled tribes	100.00	-	-	-	-	-
3.	Others	100.00	-	-	-	-	-
4.	Total	100.00	-	-	-	-	-

MANUFACTURE OF CANE AND BAMBOO PRODUCTS  
FOR OWN CONSUMPTION.

National Sample Survey, 33rd Round : July 1978 - June 1979

Table (12.1) : Distribution of sample and estimated number of households engaged in manufacture of cane and bamboo products and their percentage to total by household group/tribe

State : Arunachal Pradesh

household group /tribe	number of sample households	estimated number of households	percentage (0.00)
	(2)	(3)	(4)
1. Scheduled caste	-	-	-
Scheduled tribe	-	-	-
2.1 Adi Padam	24	5573	8.68
2.2 Bangri	92	8335	12.97
2.3 Bom	22	2529	3.94
2.4 Digaru/Turam Mishmi	47	1012	1.58
2.5 Disang Monpa	14	768	1.20
2.6 Gallong	45	4962	7.72
2.7 Longchang Tangsa	21	1941	3.02
2.8 Liji	25	1136	1.77
2.9 Mishing/Misi	20	1134	1.77
2.10 Nishang	45	7771	12.10
2.11 Misai	61	4037	6.29
2.12 Noote	43	4201	6.54
2.13 Padam	6	655	1.02
2.14 Pangi	18	4571	7.12
2.15 Sulung	11	1016	1.58
2.16 Tagin	72	6704	10.43
2.17 Sancho	24	3043	4.74
2.18 Other scheduled tribes	187	4689	7.31
2. All scheduled tribes	775	64078	99.78
3. Others	3	139	0.22
4. Total	778	64217	100.00

NATIONAL SAMPLE SURVEY : 33RD ROUND : JULY 1978 - JUNE 1979

Table (12.2) : Distribution of sample and estimated number of households engaged in manufacture of cane and bamboo products and their percentages to total by household group/tribe

State : Assam (hill districts)

household group/ tribe	number of sample households	estimated number of households	percentage (0.00)
	(1)	(2)	(3)
1. Scheduled caste	10	594	1.34
Scheduled tribe	-	-	-
2.1 Dimasa (Kachari)	169	8283	18.74
2.2 Mikir	456	30035	67.96
2.3 Other scheduled tribes	14	1270	2.38
2. All scheduled tribes	639	39588	89.58
3. Others	53	4015	9.08
4. Total	702	44197	100.00

NATIONAL SAMPLE SURVEY : 33RD ROUND : JULY 1978 - JUNE 1979

Table (12.3) : Distribution of sample and estimated number of households engaged in manufacture of cane and bamboo products, and their percentages to total by household group/tribe

State : Meghalaya

	household group/tribe	number of sample households	estimated number of households	percentage (0.00)
	(1)	(2)	(3)	(4)
1.	Scheduled caste	4	228	0.29
	Scheduled tribe			
2.1	Garo	474	42523	53.75
2.2	Khasi & Jaintia	344	35223	44.53
2.3	Other scheduled tribes	4	116	0.15
2.	All scheduled tribes	822	77862	98.43
3.	Others	11	1011	1.28
4.	Total	837	79101	100.00

NATIONAL SAMPLE SURVEY : 33RD ROUND : JULY 1978 - JUNE 1979

Table (12.4) : Distribution of sample and estimated number of households engaged in manufacture of cane and bamboo products and their percentages to total by household group/tribe

State : Mizoram

household group/tribe	number of sample households	estimated number of households	percentage (0.00)
(1)	(2)	(3)	(4)
1. Scheduled caste	-	-	-
Scheduled tribe			
2.1 Chakma	32	504	4.24
2.2 Lakher	109	810	6.81
2.3 Any Mizo (Lushai)	295	9523	80.03
2.4 Pawi	79	954	8.02
2.5 Other scheduled tribes	3	107	0.90
2. All scheduled tribes	518	11898	100.00
3. Others	-	-	-
4. Total	518	11898	100.00

STATE LEVEL SURVEY : SECOND ROUND : JULY 1978 - JUNE 1979

Table (12.5) - Distribution of sample and estimated number of households engaged in manufacture of cane and bamboo products and their percentage to total by household group/tribe.

State : Tripura

household group/tribe	number of sample households	estimated households	
	(1)	(2)	(3)
Scheduled caste	27	817	
Scheduled tribe			
1. Mag	7	475	
2. Kuki	7	1702	
3. Chakma	11	638	
4. Garoo	3	352	
5. Halam	2	473	
6. Orang	14	448	
7. Tripura	138	13097	
8. Jamatia	41	4206	
9. Riang	48	3935	
10. Other scheduled tribes	6	120	
all scheduled tribes	275	25451	10.90
all scheduled tribes	75	3021	10.31
total	377	29289	100.00

National Sample Survey, 33rd Round: July 1978 - June 1979

Table (13): Distribution of sample and estimated number of households engaged in manufacture of cane and bamboo products and their percentages to total by household monthly per capita expenditure class

household monthly per capita expenditure (Rs.) class	number of sample households	estimated number of households	percentage (0.00)
(1)	(2)	(3)	(4)
<u>State : Arunachal Pradesh</u>			
1. 0 - 10	-	-	-
2. 10 - 15	-	-	-
3. 15 - 20	-	-	-
4. 20 - 30	20	1790	2.79
5. 30 - 50	129	11978	18.65
6. 50 - 70	254	16910	26.33
7. 70 - 100	284	24950	38.85
8. 100 & above	91	8589	13.38
9. all	778	64217	100.00

State : Assam(hill districts)

1. 0 - 10	-	-	-
2. 10 - 15	-	-	-
3. 15 - 20	-	-	-
4. 20 - 30	29	2249	5.09
5. 30 - 50	526	31996	72.39
6. 50 - 70	137	9397	21.26
7. 70 - 100	9	541	1.23
8. 100 & above	1	14	0.03
9. all	702	44197	100.00

State : Meghalaya

1. 0 - 10	-	-	-
2. 10 - 15	-	-	-
3. 15 - 20	2	215	0.27
4. 20 - 30	148	15146	19.15
5. 30 - 50	487	43508	55.00
6. 50 - 70	162	15352	19.41
7. 70 - 100	30	3597	4.55
8. 100 & above	8	1283	1.62
9. all	837	79101	100.00

Ashim/

National Sample Survey, 33rd Round : July 1978 - June 1979

Table (13) Contd. : Distribution of sample and estimated number of households engaged in manufacture of cane and bamboo products and their percentages to total by household monthly per capita expenditure class

household monthly per capita expenditure (Rs.) class .	number of sample households	estimated number of households	percentage (0.00)
(1)	(2)	(3)	(4)
<u>State : Mizoram</u>			
1. 0 - 10	-	-	-
2. 10 - 15	-	-	-
3. 15 - 20	1	26	0.22
4. 20 - 30	23	320	2.69
5. 30 - 50	176	3741	31.44
6. 50 - 70	154	3437	28.89
7. 70 - 100	120	3479	29.24
8. 100 & above	44	895	7.52
9. all	518	11898	100.00
<u>State : Tripura</u>			
1. 0 - 10	2	278	0.95
2. 10 - 15	-	-	-
3. 15 - 20	3	277	0.95
4. 20 - 30	27	2481	8.47
5. 30 - 50	178	12368	42.22
6. 50 - 70	132	11037	37.68
7. 70 - 100	31	2579	8.81
8. 100 & above	4	269	0.92
9. all	377	29289	100.00

Ashim/

National Sample Survey, 33rd Round: July 1978 - June 1979

Table (14) : Percentage distribution of estimated number of households engaged in manufacture of cane and bamboo products by type and source of raw materials

type of raw material	source of raw materials					total
	home production only	purchase only	home production and purchase	others including not used		
(1)	(2)	(3)	(4)	(5)	(6)	
<u>State : Arunachal Pradesh</u>						
1. cane	63.46	2.31	0.16	32.07	100.00	
2. bamboo	75.81	0.16	0.05	23.98	100.00	
3. others	13.66	-	2.52	83.82	100.00	
<u>State : Assam(hill districts)</u>						
1. cane	25.60	6.68	0.28	67.45	100.00	
2. bamboo	33.82	6.17	0.47	59.55	100.00	
3. others	2.76	11.49	0.14	65.61	100.00	
<u>State : Meghalaya</u>						
1. cane	24.77	1.49	3.14	70.60	100.00	
2. bamboo	41.23	0.79	0.07	57.81	100.00	
3. others	5.18	7.87	0.06	86.89	100.00	
<u>State : Mizoram</u>						
1. cane	39.25	3.19	11.56	46.00	100.00	
2. bamboo	60.83	2.35	15.51	21.31	100.00	
3. others	3.61	-	-	96.39	100.00	
<u>State : Tripura</u>						
1. cane	1.57	15.52	0.40	82.51	100.00	
2. bamboo	18.21	15.49	8.03	58.27	100.00	
3. others	0.38	1.79	0.20	97.63	100.00	

Ashim/

National Sample Survey, 33rd Round: July 1978 - June 1979

Table (15) : Average value of raw materials purchased per household engaged in manufacture of Cane and bamboo products by item

item (1)	value of raw materials purchased (Rs.) (2)	average value of raw materi- als purchased per households (Rs.0.00) (3)
<u>State : Arunachal Pradesh</u>		
1. cane	22217	0.35
2. bamboo	10999	0.17
3. others	-	-
4. total	33217	0.52
<u>State : Assam(hill districts)</u>		
1. cane	34024	0.77
2. bamboo	40017	0.91
3. others	29269	0.66
4. total	103310	2.34
<u>State : Meghalaya</u>		
1. cane	59188	0.75
2. bamboo	2713	0.03
3. others	35261	0.44
4. total	97162	1.22
<u>State : Mizoram</u>		
1. cane	9790	0.82
2. bamboo	6762	0.57
3. others	-	-
4. total	16552	1.39
<u>State : Tripura</u>		
1. cane	19988	0.68
2. bamboo	44060	1.50
3. others	1624	0.06
4. total	66672	2.24

Ashim/

National Sample Survey, 33rd Round: July 1978-June 1979

Table (16) . Average number and value of production of cane and bamboo articles per household engaged in manufacture of cane and bamboo products by item of production

item	number produced	value of production(₹.)	average number produced per household	average value of production per household (₹.00)
(1)	(2)	(3)	(4)	(5)
<u>State : Arunachal Pradesh</u>				
1. furniture	10510	106172	0.16	1.65
2. fixtures	2296	24058	0.04	0.37
3. mats, screens, etc.	98596	1070049	1.54	16.66
4. baskets	177052	1461595	2.76	22.77
5. other containers	226353	934402	3.52	14.55
6. toys and articles for decoration	1540	5613	0.02	0.09
7. others	145291	1076777	2.26	16.77
8. total	661638	4678666	10.30	72.86
<u>State : Assam(hill districts)</u>				
1. furniture	9136	104264	0.21	2.36
2. fixtures	6116	58723	0.14	1.33
3. mats, screens etc.	68964	387497	1.56	8.77
4. baskets	142657	554396	3.23	12.54
5. other containers	252233	647736	5.70	14.65
6. toys and articles for decoration	5006	23657	0.11	0.54
7. others	99938	228671	2.26	5.17
8. total	584050	2004944	13.21	45.36
<u>State : Meghalaya</u>				
1. furniture	27747	230846	0.35	2.92
2. fixtures	16945	79437	0.21	1.00
3. mats, screens etc.	119173	523595	1.51	6.62
4. baskets	290028	1481254	3.67	18.73
5. other containers	150089	522761	1.90	6.61
6. toys and articles for decoration	19279	34204	0.24	0.43
7. others	87326	196203	1.10	2.48
8. total	710587	3068300	8.98	38.79

National Sample Survey, 33rd Round; July 1978-June 1979

Table (16)Contd.: Average number and value of production of cane and bamboo articles per household engaged in manufacture of cane and bamboo products by item of production.

item	number produced	value of produc-tion (Rs.)	average produc-ed per house-hold (0.00)	average value of produc-tion per house-hold (0.00)
(1)	(2)	(3)	(4)	(5)
<u>State-i-Mizoram</u>				
1. furniture	23176	88600	1.95	7.45
2. fixtures	1259	35392	0.11	2.98
3. mats, screens etc.	8831	205991	0.74	17.31
4. baskets	118739	1861182	9.98	156.43
5. other containers	38578	714698	3.24	60.07
6. toys and articles for decoration	160	2924	0.01	0.25
7. others	13162	207259	1.11	17.41
8. total	203905	3116046	17.14	261.90
<u>State-i-Tripura</u>				
1. furniture	260	14400	0.01	0.49
2. fixtures	3344	11147	0.11	0.38
3. mats, screens etc.	29125	165408	1.00	5.65
4. baskets	74432	340081	2.54	11.61
5. other containers	100518	262126	3.44	8.95
6. toys and articles for decoration	1270	1860	0.04	0.06
7. others	111426	282711	3.80	9.65
8. total	320375	1077735	10.94	36.79

National Sample Survey, 33rd Round : July 1978 - June 1979

Table(17) . Per household average number of males, females and persons engaged in manufacture of cane and bamboo products by age group

age-group in years	number of			per household average number (0.00) of		
	males	females	persons	males	females	persons
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<u>State : Arunachal Pradesh</u>						
1. 0 - 9	28	-	28	0.00	-	0.00
2. 10 - 14	2529	505	3035	0.04	0.01	0.05
3. 15 - 19	7777	1011	8788	0.12	0.02	0.14
4. 20 - 44	48383	8501	56884	0.75	0.13	0.88
5. 45 - 59	20041	2043	22084	0.31	0.03	0.34
6. 60 & above	4113	211	4324	0.07	0.00	0.07
7. total	82871	12276	95142	1.29	0.19	1.48
<u>State : Assam (hill districts)</u>						
1. 0 - 9	27	211	238	0.00	0.01	0.01
2. 10 - 14	823	209	1032	0.02	0.01	0.03
3. 15 - 19	3794	737	4531	0.09	0.01	0.10
4. 20 - 44	38578	5800	44378	0.87	0.13	1.00
5. 45 - 59	12191	284	12475	0.28	0.01	0.29
6. 60 & above	5020	181	5201	0.11	0.00	0.11
7. total	60433	7422	67855	1.37	0.17	1.54
<u>State : Meghalaya</u>						
1. 0 - 9	-	-	-	-	-	-
2. 10 - 14	125	-	125	0.00	-	0.00
3. 15 - 19	1664	1134	2798	0.02	0.01	0.04
4. 20 - 44	53895	11946	65841	0.68	0.15	0.83
5. 45 - 59	21765	7558	28933	0.28	0.10	0.37
6. 60 & above	2640	96	2736	0.03	0.00	0.03
7. total	80089	20744	100433	1.01	0.26	1.27
<u>State : Mizoram</u>						
1. 0 - 9	13	-	13	0.01	-	0.01
2. 10 - 14	20	-	20	0.02	-	0.02
3. 15 - 19	270	299	569	0.02	0.03	0.05
4. 20 - 44	8518	179	8697	0.72	0.02	0.74
5. 45 - 59	4457	69	4526	0.37	0.01	0.38
6. 60 & above	1073	-	1073	0.09	-	0.09
7. total	14351	547	14898	1.20	0.06	1.26
<u>State : Tripura</u>						
1. 0 - 9	-	-	-	-	-	-
2. 10 - 14	99	28	127	0.00	0.00	0.00
3. 15 - 19	1788	299	2087	0.06	0.01	0.07
4. 20 - 44	19781	1841	21622	0.68	0.06	0.74
5. 45 - 59	9334	1436	10820	0.32	0.05	0.37
6. 60 & above	4597	285	4862	0.16	0.01	0.17
7. total	35599	3939	39538	1.22	0.13	1.35

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table(18.1) : Percentage distribution of estimated number of households engaged in manufacture of cane and bamboo products by source of skill and household group/tribe

State : Arunachal Pradesh.

household group/tribe	(1)	percentage distribution(0.00) of households by source of skill				total
		tradi- tional	from neighbours	industry/activity from training institutions	from others	
1. scheduled caste	-	-	-	-	-	-
<u>scheduled tribe</u>						
2.1. Adi Padam	100.00	-	-	-	-	-
2.2. Bangni	100.00	-	-	-	-	-
2.3. Bori	19.29	80.71	-	-	-	80.71
2.4. Digaru/Tarsan Mishmi	100.00	-	-	-	-	-
2.5. Dirang Norra	100.00	-	-	-	-	-
2.6. Gallong	81.34	18.66	-	-	-	18.66
2.7. Longchang Tangsa	-	100.00	-	-	-	100.00
2.8. Miji	76.25	23.75	-	-	-	23.75
2.9. Mishing/Miri	100.00	-	-	-	-	-
2.10. Nishang	100.00	-	-	-	-	-
2.11. Nissi	100.00	-	-	-	-	-
2.12. Nocte	60.88	38.33	0.79	-	-	39.12
2.13. Padam	100.00	-	-	-	-	-
2.14. Pangi	100.00	-	-	-	-	-
2.15. Sulung	86.53	13.47	-	-	-	13.47
2.16. Tagin	100.00	-	-	-	-	-

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table (18.1) contd. : Percentage distribution of estimated number of households engaged in manufacture of cane and bamboo products by source of skill and household group/tribe

State : Arunachal Pradesh

household group/ tribe	percentage distribution (0.00) of households by source of skill					total	
	for non-traditional industry/activity						
	tradi- tional	from neighbours	from train- ing institu- tions	from others			
(1)	(2)	(3)	(4)	(5)	(6)		
2.17 Wancho	100.00	-	-	-	-	-	
2.18 Other scheduled tribes	80.31	19.69	-	-	19.69		
2. All scheduled tribes	87.10	12.25	0.05	-	12.30		
3. Others	90.65	9.35	-	-	9.35		
4. Total	87.71	12.24	0.05	-	12.29		

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table (18.2) : Percentage distribution of estimated number of households engaged in manufacture of cane and bamboo products by source of skill and household group/tribe

State : Assam (hill districts)

household group/ tribe	percentage distribution (0.00) of households by source of skill					total	
	for non-traditional industry/activity						
	tradi- tional	from neigh- bours	from train- ing insti- tu- tions	from others			
(1)	(2)	(3)	(4)	(5)	(6)		
1. scheduled caste	22.22	11.11	-	66.67	77.78		
<b>scheduled tribe</b>							
2.1 Dimasa (Kachari)	93.67	6.33	-	-	6.33		
2.2 Mikir	97.26	2.74	-	-	2.74		
2.3 other scheduled tribes	91.97	8.03	-	-	8.03		
2. all scheduled tribes	96.34	3.66	-	-	3.66		
3. others	65.08	26.90	-	8.02	34.92		
4. total	92.51	5.87	-	1.62	7.49		

NATIONAL SAMPLE SURVEY, 35RD ROUND : JULY 1978 - JUNE 1979

Table (18.3) : Percentage distribution of estimated numbers of households engaged in manufacture of cane and bamboo products by source of skill and household group/tribe

State : Meghalaya

household group/ tribe	tradi- tional	percentage distribution (0.00) of households by source of skill				total	
		for non-traditional industry/activity					
		from neigh- bours	from train- ing insti- tu- tions	from others			
(1)	(2)	(3)	(4)	(5)	(6)		
1. scheduled caste		50.00	50.00	-	-	50.00	
scheduled tribe							
2.1 Garo		36.74	61.84	-	1.42	63.26	
2.2 Khasi and Jaintya		86.92	6.03	-	7.05	13.00	
2.3 other schedule tribes		75.00	25.00	-	-	25.00	
2. all scheduled tribes		59.50	36.54	-	3.96	40.50	
3. others		6.13	93.87	-	-	93.87	
4. total		58.79	37.31	-	3.90	41.21	

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table (18.4) : Percentage distribution of estimated number of households engaged in manufacture of cane and bamboo products by source of skill and household group/tribe

State : Mizoram

no. of sample villages : 142

household group/ tribe	percentage distribution (0.00) of households by source of skill					total	
	tradi- tional	for non-traditional industry/activity					
		from neigh- bours	from train- ing insti- tu- tions	from others			
(1)	(2)	(3)	(4)	(5)	(6)		
1. scheduled caste	-	-	-	-	-	-	
scheduled tribe							
2.1 Chakma	98.61	1.39	-	-	-	1.39	
2.2 Lakhher	100.00	-	-	-	-	-	
2.3 Any Nizo (Lushai tribe)	94.03	4.45	-	-	1.52	5.97	
2.4 Pawi	59.54	39.41	-	-	1.05	40.46	
2.5 other scheduled tribes	100.00	-	-	-	-	-	
2. all scheduled tribes	91.92	6.78	-	1.30	8.08		
3. others	-	-	-	-	-	-	
4. total	91.92	6.78	-	1.30	8.08		

NATIONAL SAMPLE SURVEY, 33RD ROUND : JULY 1978 - JUNE 1979

Table(18.5) : Percentage distribution of estimated number of households engaged in manufacture of cane and bamboo products by source of skill and household group/tribe

State : Tripura

household group/tribe	percentage distribution (0.00) of households by source of skill					total	
	tradi- tional	for non-traditional industry/activity					
		from neighbours	from training	from institu- tions	others		
(1)	(2)	(3)	(4)	(5)	(6)		
1. scheduled caste	96.57	-	-	3.43	3.43		
<u>scheduled tribe</u>							
2.1 Mag	100.00	-	-	-	-		
2.2 Kuki	100.00	-	-	-	-		
2.3 Chakma	100.00	-	-	-	-		
2.4 Garoo	100.00	-	-	-	-		
2.5 Nalam	100.00	-	-	-	-		
2.6 Orang	100.00	-	-	-	-		
2.7 Tripura	96.40	3.15	-	0.45	3.60		
2.8 Jamatia	100.00	-	-	-	-		
2.9 Riang	100.00	-	-	-	-		
2.10 other scheduled tribes	53.33	46.67	-	-	46.67		
2. all scheduled tribes	97.93	1.84	-	0.23	2.07		
3. others	57.10	34.89	1.72	6.29	42.90		
4. total	93.68	5.20	0.18	0.94	6.32		

**APPENDIX III**

**FACSIMILE OF SCHEDULE OF INVESTIGATION**

GOVERNMENT OF INDIA : NATIONAL SAMPLE SURVEY ORGANISATION

Schedule 16.5 : Weaving and manufacture of cane and bamboo  
products for own consumption.

RURAL

THIRTYTHIRD ROUND : 1978-79

1.7 identification of sample household

1. serial number		9. district	
2. zone-state-region		10. tehsil	
3. stratum		11. name of village	
4. sub-sample		12. house number :	
5. sample village		13. name of head :	
6. sub-round		14. name of informant :	
7. sample household no.		15. informant's relation to head (code) 1/	
8. state			

1.7 household characteristics

1. household size		8. household group code 2/
2. household industry occupation code		9. name of tribe :
3. household land possessed (in hectares 0.00)		10. tribe code
4. whether household does jhum cultivation(yes-1, no-2)		11. household monthly per capita expenditure (Rs.)
5. whether household does permanent cultivation (yes-1 & No-2)		12. migration code 3/
6. area under permanent cultivation (hectares 0.00) 1978		13. reason for migration 4/
7. area under jhum cultiva- tion(hectares 0.00) 1978		14. place from where migrated code 5/

1.7 particulars of field work

item	investi- gator	field super- visor	table scrutiny	superin- tendent		
					(1)	(2)
1. name						
2. dates of :						
(i) survey/inspection						
(ii) receipt						
(iii) scrutiny	x					
(iv) duplication			x	x		
(v) despatch						
3. signature						
4. no.of addl. sheets attached						

\*delete whichever is inapplicable.

47 . manufacture of textiles (for own consumption)

1.	type of loom operated by household :	number operated (put cross 'x' mark if not operated)		
1.1	loin loom			
1.2	hand loom (a) throw shuttle (b) fly shuttle			
2.	if yarn is spun by members of the household number of spindles used for spinning	(a) charkha (b) hand spindle or takli		
3.	yarn used for weaving	if used-1, not used-2		
3.1	cotton			
3.2	silk			
	(a) muga			
	(b) eri			
	(c) pat			
	(d) tassar			
3.3	other non-synthetic			
3.4	synthetic			
4.	source of raw materials	source code 1/ (1)	value 2/ (ii)	
4.1	cotton			
4.2	cocoon			
4.3	yarn			
4.4	dye stuff			
1/	source code : out of : home production only-1, purchase only-2, home production and purchase-3, gift or free collection-4, not used-5.			
2/	value : of material purchased during 365 dyas preceding the date of survey.			
5.	production during 365 days preceding the date of survey	number (i)	value of local market price (ii)	
5.1	men's apparel			
5.2	women's apparel			
5.3	other piece goods			
6.	number of household members in age(years) group	male (i)	male in the activity (ii)	female (iii)
6.1	0 - 9 years			female in the activity (iv)
6.2	10 - 14 years			
6.3	15 - 19 years			
6.4	20 - 44 years			
6.5	45 - 59 years			
6.6	60 + years			
6.0	all ages			

7.	whether it is traditional industry (yes-1, no-2)				
7.1	if no in 7 : how skill was acquired : from neighbourers-1, from training institution-2, from others-3..				
<u>7.5</u> manufacture of cane and bamboo products (for own consumption)					
1.	item produced during 365 days preceding the date of survey	number (i)	value of local retail market price(Rs.) (ii)		
1.1	furniture(like chairs, tables, bedstead etc.)				
1.2	fixtures				
1.3	mats, screens etc.				
1.4	baskets				
1.5	other containers				
1.6	toys and articles for decoration				
1.7	others				
2.	source of raw materials used during 365 days	source code a/ (i)	value of material purchased (Rs.) (ii)		
2.1	cane				
2.2	bamboo				
2.3	others				
1/ source code : out of home production only-1, purchase only-2, home production and purchase-3, gift or free collection-4, not used-5.					
3.	whether it is a traditional activity (yes-1, no-2)				
3.1	if no in 3 : how skill was acquired : from neighbours-1, from training institution-2, from others-3.				
4.	number of household members in age (years) group	male (i)	male in the activity(ii)	female (iii)	female in the activi- ty(iv)
4.1	00 - 9 years				
4.2	10 - 14 years				
4.3	15 - 19 years				
4.4	20 - 44 years				
4.5	45 - 59 years				
4.6	60 + years				
4.0	all ages				