Report on collaborative project
between
Board of Practical Training (Eastern Region) (BOPT (ER))
and
Indian Statistical Institute, Kolkata 700108
(ISI, Kolkata 700108)
to study efficacy and impact of
National Apprenticeship Training Scheme (NATS)

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Prepared by
Indian Statistical Institute, Kolkata 700108
and submitted to
Board of Practical Training (Eastern Region)

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January 29, 2017

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1. Introduction

After prolonged negotiations between BOPT (ER), represented by their Director Mr. S.M. Ejaz Ahmed and Mr. Anindya Bhattacharya and the Indian Statistical Institute (ISI), represented by Prof. Sumitra Purkayastha (Applied Statistics Unit, ISI, Kolkata 700108) and their Honorary Visiting Professor Dr. Arijit Chaudhuri, a Project was undertaken jointly by them starting an empirical sample survey in early September, 2016. Successive steps of the work consisted of the following, indicating, in particular, the roles played by the two organizations.

(1) The data of establishments containing the number of apprentices engaged during last 3 years were made available by BOPT (ER) Kolkata. Subsequent to deliberation and discussion a sample size was suggested by ISI Kolkata.

(2) Two questionnaires for survey in respect of apprentices (ex and current apprentices) as well as training establishments were prepared by ISI Kolkata in consultation with BOPT (ER).

(3) The field survey work was conducted by the officers of BOPT (ER).

(4) The filled-in survey forms were provided to ISI Kolkata who subsequently carried out the analysis and prepared the report.

This collaborative empirical research seems to have thrown an encouraging picture about the level of satisfaction achieved among the recipients of apprenticeship training.

2. Objective

The Apprentices Act, 1961 was enacted in the Indian Parliament in December, 1961. The said Act was amended in 1973 to extend its coverage to Graduate and Diploma holders in Engineering & Technology and further amended in 1986 to cover 10+2 Vocational Certificate holders. Under this it was envisaged that in certain competent institutions practical training will be imparted to fresh graduates and diploma holders in engineering, technology, architecture, pharmaceutical, hotel management and catering technology and to (10+2) level vocational courses pass-outs. The broad objective was to enable the participants to acquire 'on the job' training in industries,

establishments and thus enhance their employability. Since its inception the government activities along this line have considerably expanded. Four Boards located at Kolkata, Mumbai, Chennai and Kanpur are functioning implementing what is now called "National Apprenticeship Scheme", called NATS in brief under the said Act.

The Apprenticeship Training Scheme in the Eastern Region of India is implemented and monitored by Board of Practical Training (Eastern Region), Kolkata in its thirteen states, namely Orissa, Assam, Bihar, Jharkhand, West Bengal, Manipur, Meghalaya, Mizoram, Nagaland, Arunachal Pradesh, Tripura, Sikkim and the Union Territory of The Andaman and Nicobar Islands.

During the years 2013-14, 2014-15 and 2015-16 altogether approximately 37000 graduates, diploma holders in Engineering & Technology and vocational pass-outs are reported to have completed their apprenticeship training scheme.

Under the above circumstances, at the instance of the Ministry of Human Resources Development (HRD), Government of India, the project was undertaken to examine the efficacy and impact of the NATS in the Eastern Region.

3. Our approach

Equipped with the background described in the preceding section, and being called upon to complete the empirical survey including field survey, tabulation and report-writing within a limited period of only two months and especially with the Durga Puja holidays in W.B we embarked upon execution of our mission with the right earnest to be able to do a job with enough informative coverage. We further gathered that the establishments were of varying sizes in the sense of having numbers of workers exceeding 200, within 100-200, 51-100, 10-50 and below 10. So we selected our sample of establishments in a stratified manner of varying sample-sizes stratum-wise and in view of a limited time-schedule executed our survey only in the five states, namely, W.B., Assam, Bihar, Orissa and Jharkhand. We decided to take an over-all a little more than 10% of the establishments and finally the data were collected from 61 establishments. We prepared questionnaires for the establishments and also for the workers therein having completed NATS programmes more than 3 years back (briefly called the ex-apprentices) and the others called current apprentices who are still undergoing training.

We decided to visit each randomly selected establishment stratum-wise, complete the canvassing of the establishment questionnaire and the other two types of question-

naires choosing random samples of ex-Apprentices/current Apprentices in them. We expected to get hold of about 4000 apprentices from all the 61 establishments sampled and surveyed together. Unfortunately data pertaining to workers could be actually collected from only 31 establishments, and the number of workers who were surveyed is 2148. With a mere sample of 31 establishments we felt it was not worthwhile to carry out sophisticated statistical analysis. However, with stratified two-stage random sampling design fruitful statistical analysis could be implemented and we ended up with encouraging findings summarized in the appended tabulated documents attached. This was facilitated by our elegantly designed questionnaires through the joint efforts by BOPT (ER) and ISI, Kolkata. Among the questionnaire items for the establishments/institutions, the crucial ones were

(i) notified number of seats for apprenticeship training,

(ii) number of apprentices on roll,

(iii) amount of monthly stipend offered,

(iv) no. of trained apprentices employed,

(v) opinions about the scheme, and

(vi) suggestions for improvements.

The questionnaire items for the ex- and current apprentices included

(i) qualification,

(ii) entry-time,

(iii) first-employment time,

(iv) opinions on helpfulness,

(v) emoluments received,

(vi) satisfaction level attained,

among others.

We applied sophisticated statistical estimation procedures for totals in respect of the characteristics thus studied, estimated measures of accuracy levels attained in

these estimates and tried to derive worthwhile conclusions from our tabulated results as presented.

4. Details of the sampling design

In the eastern region states and union territories (UT) during 2013-14 through 2015-16, 37,416 trainees completed their courses and 507 establishments in the region seemed likely to engage apprentices. So, we expected to capture about 4000 trained people on visiting 60 establishments. This was the plan with which we set out on our journey. But because of time constraints to complete the survey, we restricted the survey only to WB, Bihar, Jharkhand, Odisha, and Assam. We further gathered the following pertinent data for the first 4 of these states.

Number of workers in establishments	Frequency of establishments
< 10	167
$11 - 50$	193
$51 - 100$	18
$101 - 200$	7
> 200	8

So, we decided to carry out stratified simple random sampling without replacement (SRSWOR). The bigger-sized three of these five were sampled 100% each and from the smallest stratum, we sampled only 8 and out of the 193 establishments in the remaining stratum we sampled only 20 by SRSWOR. Thus we ended up with 61 establishments to be visited. These 61 establishments constituted our *first stage units* (*fsu*). Visiting them we met as many as possible

(I) employees who were trained recently within the last 3 years, and

(II) separately the ones who were trained sometime back but not recently.

These employees/apprentices in (I) and (II) are our *second stage units* (*ssu*). We did not insist on their SRSWOR selection because we tried to capture as many of them as possible and expected them to have been randomly arranged in a natural way. Our target number to be sampled and surveyed from the first 4 states was 3700 having 300 more to be sampled similarly from the establishments in Assam. The establishments

of Assam were also allocated to the similar 5 strata according to the same categories of their sizes and allocation rates were kept the same at least approximately.

To our dismay, the total number of all the ssu's sampled came to be only 2148 based on all the 5 states covered.

5. Methods of estimation

By $N_1, \ldots, N_5$, we mean the strata-sizes and $n_1, \ldots, n_5$ denote the respective sample-sizes therefrom. By y we mean a characteristic, value of which is y_{hij} for the j-th ssu of the i-th fsu in the h-th stratum. By M_{hi}, we mean the total number of employees trained recently or earlier in the i-th establishment of the h-th stratum and m_{hi} as the number sampled and surveyed therefrom. Then the parameter we intend to estimate is

$$Y = \sum_{h=1}^{H} \sum_{i=1}^{N_h} \sum_{j=1}^{M_{hi}} y_{hij}$$

and our estimate for it is

$$\hat{Y} = \sum_{h=1}^{H} \frac{N_h}{n_h} \sum_{i=1}^{n_h} \frac{M_{hi}}{m_{hi}} \sum_{j=1}^{m_{hi}} y_{hij}.$$

Writing

$$y_{hi} = \sum_{j=1}^{m_{hi}} y_{hij}$$

and

$$\hat{y}_{hi} = \frac{M_{hi}}{m_{hi}} \sum_{j=1}^{m_{hi}} y_{hij}.$$

Our variance estimator for $\hat{Y}$ is given by

$$\begin{aligned} \hat{V}(\hat{Y}) &= \sum_{h=1}^{H} \left[\frac{N_h^2 \left(\frac{1}{n_h} - \frac{1}{N_h} \right)}{(n_h - 1)} \sum_{i=1}^{n_h} \left(\hat{y}_{hi} - \frac{1}{n_h} \sum_{1}^{n_h} \hat{y}_{hi} \right)^2 \right] + \\ & \sum_{h=1}^{H} \frac{N_h}{n_h} \left[\sum_{i=1}^{n_h} \frac{m_{hi}^2 \left(\frac{1}{m_{hi}} - \frac{1}{n_{hi}} \right)}{(m_{hi} - 1)} \sum_{j=1}^{m_{hi}} \left(\hat{y}_{hij} - \frac{1}{m_{hi}} \sum_{1}^{m_{hi}} \hat{y}_{hij} \right)^2 \right]. \end{aligned}$$

Taking $y_{hij} = 1$ throughout, the total number of trained employees is given by

$$T = Y|_{y_{hij}=1}.$$

Its estimate is

$$\hat{T} = \hat{Y}|_{y_{hij}=1}.$$

Letting $R = \frac{Y}{T}$ and its estimate as $\hat{R} = \frac{\hat{Y}}{\hat{T}}$, a variance estimator for $\hat{R}$ is given by

$$\hat{V}(\hat{R}) = \frac{1}{\hat{T}^2}\hat{V}(\hat{Y})|_{y_{hij}=y_{hij}-\hat{R}t_{hij}},$$

where $t_{hij} \equiv 1$.

In order to assess the accuracy in estimation, we also calculated CV or the coefficient of variation as

$$CV = 100\frac{\sqrt{\hat{V}(\hat{Y})}}{\hat{Y}}.$$

A thumb rule tells us

if $CV \leq 10\%$,	then $\hat{Y}$ is an excellent estimate,
if $10\% < CV \leq 20\%$,	then $\hat{Y}$ is good enough,
if $20\% < CV \leq 30\%$,	then $\hat{Y}$ is tolerable,
if $30\% < CV$,	then $\hat{Y}$ is to be discarded.

6. Salient Findings

We are appending all our findings, obtained through detailed statistical analysis, at the end of this report. From our analysis of data pertaining to the apprentices, the following can be seen.

Out of an estimated total 3166 of ex-apprentices, an estimated number of

(1) (a) 2470 (78%, approximately) had their first employment within 1 year after their apprenticeship,

(b) 536 (17%, approximately) had their first employment within 3 years but after 1 year, after their apprenticeship,

The pie-chart appearing in the right side of page 32 of the accompanying document, containing the tables and figures, depicts these.

(2) 2960 (94%, approximately) felt "NATS" was beneficial, **The pie-chart appearing in the left side at the top of page 33 of the accompanying document depicts this.**

(3) (a) 1220 (39%, approximately) had their emoluments in the range Rs. 20,001 – 30,000, and

(b) 468 (15%, approximately) had their emoluments in the range Rs. 30,001 – 50,000,

The pie-chart appearing in the right side at the top of page 33 of the accompanying document depicts these.

(4) (a) 1369 (43%, approximately) were highly satisfied with the training received through "NATS",

(b) 1605 (51%, approximately) said they were satisfied as much as they expect to be with the training received through "NATS".

The pie-chart appearing at the bottom of page 33 of the accompanying document depicts this.

* * * * *

Out of an estimated total 2562 of current apprentices, an estimated number of

(1) 1378 (54%, approximately) felt "NATS" was beneficial, **The pie-chart appearing in the left side at the top of page 36 of the accompanying document depicts this.**

(2) (a) 1577 (62%, approximately) were highly satisfied with the training received through "NATS",

(b) 861 (34%, approximately) said they were satisfied as much as they expect to be with the training received through "NATS".

The pie-chart appearing at the bottom of page 36 of the accompanying document depicts these.

* * * * *

In respect of the responses gathered from the representatives of the 61 establishments addressed in West Bengal, Bihar, Jharkhand, Odisha and Assam the following may be adjudged as certain crucial issues in brief.

(1) Notified number of seats for apprenticeship training by categories:

Graduate	Diploma holders	Vocational or 10+2 Pass-outs
6499	2836	395

(2) Number of apprentices receiving training now by categories:

Graduate	Diploma holders	Vocational or 10+2 Pass-outs
4924	1472	142

(3) All the 61 establishments almost unanimously agree that "NATS" is beneficial to the apprentices. Moreover, 57 of them admit that "NATS" is beneficial to the establishments as well.

(4) Out of 61 establishments,

   (a) 35 admit that "NATS" help recruitment after training, others did not give any specific response;

   (b) 49 admit that "NATS" help in getting trained manpower but did not give any specific response;

   (c) 41 opine that "NATS" aids in procuring Govt of India's financial support but 20 did not give any specific response;

   (d) 54 say that "NATS" helps employability but only 7 of them abstain from giving an opinion;

   (e) 57 agree that "NATS" enhances skill but only 4 of them do not divulge their opinions;

   (f) 22 say "NATS" encourages entrepreneurship potentiality but others withhold opinion.

Most of the respondents have given figures of monthly stipends received by their employees on an average by qualification categories and also have divulged numbers of experienced apprentices they have by qualifying categories but about them revealing summary figures are not quite gathered to be statistically expressed in a compelling manner.

7. Conclusions

The conclusions based on the survey on apprentices reachable worthy of attention seem to be the following, each based on accurate estimates obtained.

(1) Most apprentices got first employment within a year;

(2) Most apprentices find the training helpful;

(3) Most apprentices are highly satisfied with the training received and the jobs procured;

(4) The training establishments and/or the employers

   (a) found the National Apprenticeship Training Scheme (NATS) beneficial for the technically qualified students as it helps them in enhancing their employability through skill development,

   (b) are highly satisfied from NATS as it helps them in getting trained manpower in particular and also help them in recruitment of technically qualified and trained youths.

This shows that the National Apprenticeship Training Scheme (NATS) is considerably beneficial for the technical students in both short and long term.

* * * * *

Our final comments based on the establishment survey are as follows:

NATS is beneficial to the establishments, to the people who have undergone apprenticeship specifically in helping recruitment, enhancing employability and skill and getting trained manpower in particular.

This collaborative work has brought out a very encouraging picture about NATS. In order to have better understanding of the scheme, a broader survey with more resources and time slot may be undertaken.

Table 1a: Results of analysis pertaining to ex-Apprentices

Variable	$\hat{Y}$	$\hat{T}$	$\hat{R}$	$\hat{V}(\hat{Y})$	$\hat{V}(\hat{R})$	CV
Gender						
Male	2429.02	3166.02	0.77	32369.56	0.00	7.41
Female	737.01	3166.02	0.23	19095.90	0.00	18.75
Other	0.00	3166.02	0.00	0.00	0.00	0.00
No Response/Invalid	0.00	3166.02	0.00	0.00	0.00	0.00
Religion						
Hindu	2868.25	3166.02	0.91	11106.81	0.00	3.67
Muslim	179.67	3166.02	0.06	6475.71	0.00	44.79
Christian	89.26	3166.02	0.03	4310.99	0.00	73.56
Jain	0.00	3166.02	0.00	0.00	0.00	0.00
Sikh	0.00	3166.02	0.00	0.00	0.00	0.00
Others	28.83	3166.02	0.01	1282.51	0.00	124.20
No Response/Invalid	0.00	3166.02	0.00	0.00	0.00	0.00
Caste						
General	1629.54	3166.02	0.51	21438.22	0.00	8.99
SC	242.83	3166.02	0.08	5349.06	0.00	30.12
ST	292.14	3166.02	0.09	21372.38	0.00	50.04
OBC	1001.51	3166.02	0.32	18949.89	0.00	13.75
No Response/Invalid	0.00	3166.02	0.00	0.00	0.00	0.00
Qualification						

Variable	$\hat{Y}$	$\hat{T}$	$\hat{R}$	$\hat{V}(\hat{Y})$	$\hat{V}(\hat{R})$	CV
Graduate	1017.54	3166.02	0.32	16308.49	0.00	12.55
Diploma	1862.28	3166.02	0.59	20726.20	0.00	7.73
Vocational	284.07	3166.02	0.09	174.67	0.00	4.65
No Response/Invalid	2.14	3166.02	0.00	0.58	0.00	35.55
Entry_Time						
<= 1year	1902.65	3166.02	0.60	27021.95	0.00	8.64
> 1 yr but <= 3 yrs	1081.94	3166.02	0.34	15694.65	0.00	11.58
> 3 yrs but <= 5 yrs	97.77	3166.02	0.03	2983.66	0.00	55.87
> 5 yrs	0.00	3166.02	0.00	0.00	0.00	0.00
Apprentice	0.00	3166.02	0.00	0.00	0.00	0.00
No Response/Invalid	83.67	3166.02	0.03	60.16	0.00	9.27

Table 1a (continued): Results of analysis pertaining to ex-Apprentices

Variable	$\hat{Y}$	$\hat{T}$	$\hat{R}$	$\hat{V}(\hat{Y})$	$\hat{V}(\hat{R})$	CV
First_Employment						
Within 1 year	2470.26	3166.02	0.78	25775.10	0.00	6.50
> 1 yr but < 3 yrs	536.29	3166.02	0.17	9206.50	0.00	17.89
After 3 or more yrs	4.17	3166.02	0.00	16.65	0.00	97.85
No Response/Invalid	155.31	3166.02	0.05	339.47	0.00	11.86
Helpful						
Yes	2960.32	3166.02	0.94	19218.27	0.00	4.68
No	137.87	3166.02	0.04	63.61	0.00	5.78
NA	63.12	3166.02	0.02	2414.87	0.00	77.86
No Response/Invalid	4.72	3166.02	0.00	14.05	0.00	79.39
Emoluments						
< 8000	155.72	3166.02	0.05	1076.83	0.00	21.07
8001--12,000	382.48	3166.02	0.12	7041.41	0.00	21.94
12,001 -- 20,000	532.11	3166.02	0.17	15850.96	0.00	23.66
20,001 -- 30,000	1220.37	3166.02	0.39	8833.22	0.00	7.70
30,001 -- 50,000	269.21	3166.02	0.09	6854.37	0.00	30.75
> 50,000	468.71	3166.02	0.15	9688.46	0.00	21.00
No Response/Invalid	137.43	3166.02	0.04	45.92	0.00	4.93
Satisfaction						
High	1369.52	3166.02	0.43	38864.81	0.00	14.39
As expected	1605.56	3166.02	0.51	23441.66	0.00	9.54

Variable	$\hat{Y}$	$\hat{T}$	$\hat{R}$	$\hat{V}(\hat{Y})$	$\hat{V}(\hat{R})$	CV
Below expectation	103.49	3166.02	0.03	2037.30	0.00	43.61
No comment	51.67	3166.02	0.02	1891.92	0.00	84.18
No Response/Invalid	35.79	3166.02	0.01	43.77	0.00	18.49

Table 1b: Results of analysis pertaining to current Apprentices

Variable	$\hat{Y}$	$\hat{T}$	$\hat{R}$	$\hat{V}(\hat{Y})$	$\hat{V}(\hat{R})$	CV
Gender						
Male	2174.60	2562.77	0.85	1418.27	0.00	1.73
Female	388.18	2562.77	0.15	907.69	0.00	7.76
Other	0.00	2562.77	0.00	0.00	0.00	0.00
No Response/Invalid	0.00	2562.77	0.00	0.00	0.00	0.00
Religion						
Hindu	2400.04	2562.77	0.94	1250.81	0.00	1.47
Muslim	58.50	2562.77	0.02	325.38	0.00	30.83
Christian	53.76	2562.77	0.02	115.50	0.00	19.99
Jain	2.43	2562.77	0.00	2.32	0.00	62.76
Sikh	5.84	2562.77	0.00	11.87	0.00	59.00
Others	42.21	2562.77	0.02	121.34	0.00	26.10
No Response/Invalid	0.00	2562.77	0.00	0.00	0.00	0.00
Caste						
General	1035.64	2562.77	0.40	1923.18	0.00	4.23
SC	253.84	2562.77	0.10	781.54	0.00	11.01
ST	239.48	2562.77	0.09	757.78	0.00	11.49
OBC	1033.80	2562.77	0.40	2033.03	0.00	4.36
No Response/Invalid	0.00	2562.77	0.00	0.00	0.00	0.00
Qualification						
Graduate	739.54	2562.77	0.29	1292.66	0.00	4.86

Variable	$\hat{Y}$	$\hat{T}$	$\hat{R}$	$\hat{V}(\hat{Y})$	$\hat{V}(\hat{R})$	CV
Diploma	1786.95	2562.77	0.70	789.67	0.00	1.57
Vocational	29.85	2562.77	0.01	2.11	0.00	4.87
No Response/Invalid	6.44	2562.77	0.00	19.33	0.00	68.27
Entry_Time						
<= 1year	2.80	2562.77	0.00	4.40	0.00	74.89
> 1 yr but <= 3 yrs	0.00	2562.77	0.00	0.00	0.00	0.00
> 3 yrs but <= 5 yrs	0.00	2562.77	0.00	0.00	0.00	0.00
> 5 yrs	1.78	2562.77	0.00	5.55	0.00	132.37
Apprentice	2553.08	2562.77	1.00	736.57	0.00	1.06
No Response/Invalid	5.12	2562.77	0.00	13.09	0.00	70.72

Table 1b (continued): Results of analysis pertaining to current Apprentices

Variable	$\hat{Y}$	$\hat{T}$	$\hat{R}$	$\hat{V}(\hat{Y})$	$\hat{V}(\hat{R})$	CV
First_Employment						
Within 1 year	130.12	2562.77	0.05	54.22	0.00	5.66
> 1 yr but < 3 yrs	6.94	2562.77	0.00	43.90	0.00	95.41
After 3 or more yrs	1.04	2562.77	0.00	0.11	0.00	32.16
No Response/Invalid	2424.68	2562.77	0.95	810.97	0.00	1.17
Helpful						
Yes	1378.77	2562.77	0.54	245.66	0.00	1.14
No	3.42	2562.77	0.00	7.22	0.00	78.51
NA	1051.61	2562.77	0.41	113.05	0.00	1.01
No Response/Invalid	128.97	2562.77	0.05	270.56	0.00	12.75
Emoluments						
< 8000	1722.99	2562.77	0.67	414.30	0.00	1.18
8001--12,000	481.03	2562.77	0.19	906.15	0.00	6.26
12,001 -- 20,000	82.64	2562.77	0.03	119.14	0.00	13.21
20,001 -- 30,000	107.06	2562.77	0.04	215.04	0.00	13.70
30,001 -- 50,000	150.22	2562.77	0.06	258.30	0.00	10.70
> 50,000	14.31	2562.77	0.01	15.57	0.00	27.58
No Response/Invalid	4.53	2562.77	0.00	8.20	0.00	63.18
Satisfaction						
High	1577.24	2562.77	0.62	1167.16	0.00	2.17
As expected	861.71	2562.77	0.34	1150.75	0.00	3.94

Variable	$\hat{Y}$	$\hat{T}$	$\hat{R}$	$\hat{V}(\hat{Y})$	$\hat{V}(\hat{R})$	CV
Below expectation	96.47	2562.77	0.04	253.73	0.00	16.51
No comment	20.66	2562.77	0.01	79.85	0.00	43.24
No Response/Invalid	6.68	2562.77	0.00	30.51	0.00	82.68

Table 2a: Results of analysis pertaining to Establishments (31, in total, which have filled-in apprentice questionnaires)

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
1	1	165	0	0	165	51	75	0	126	20600	10700	0	349	0	0	349
1	2	80	20	0	100	109	145	0	254	18700	8000	0	301	814	0	1115
1	3	120	250	34	404	54	192	2	248	4984	3542	2758	0	0	0	0
1	4	112	118	6	236	148	57	0	205	4984	3542	0	198	0	0	198
1	8	110	9	0	110	10	0	0	10	10000	0	0	82	0	0	82
1		**587**	**397**	**40**	**1015**	**372**	**469**	**2**	**843**	**59268**	**25784**	**2758**	**930**	**814**	**0**	**1744**
2	1	0	140	0	140	0	121	0	121	0	3542	0	0	0	0	0
2	2	37	63	0	100	29	48	0	77	4984	3542	0	0	0	0	0
2	3	0	0	0	0	10	0	0	10	17000	0	0	70	30	0	100
2	4	80	80	6	86	39	48	0	87	54384	3542	0	119	0	0	119
2	7	10	40	0	50	35	34	0	69	15000	11000	0	41	227	0	268
2		**127**	**323**	**6**	**376**	**113**	**251**	**0**	**364**	**91368**	**21626**	**0**	**230**	**257**	**0**	**487**
3	2	0	45	4	49	0	80	0	80	0	3542	0	0	0	0	0
3	3	7	71	0	78	30	41	97	168	25000	3800	3150	0	30	0	30
3	4	10	20	0	30	0	30	0	30	0	3542	0	78	26	0	104
3	5	0	120	0	120	0	154	0	154	0	3542	0	0	0	0	0
3	6	10	20	0	30	16	20	0	36	41667	12000	0	31	103	0	134
3	6	40	100	0	140	39	12	0	51	41667	12000	0	69	179	0	248
3	6	40	50	0	90	0	0	0	0	0	0	0	46	40	0	86

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
3	7	0	0	0	0	2	0	0	2	4984	0	0	1	0	0	1
3	9	30	324	8	362	0	8	0	8	0	3542	0	0	4	0	4
3	10	0	0	0	29	0	0	0	0	0	0	0	0	0	0	85
3	11	4	200	0	204	4	196	0	200	4984	3542	0	0	0	0	0
3	12	80	152	18	250	72	115	0	187	4984	3542	0	0	0	0	0
3	14	0	324	0	324	0	10	0	10	0	3542	0	0	0	0	0
3	18	0	0	29	29	0	0	43	43	0	0	2758	0	0	64	64
3		**221**	**1426**	**59**	**1735**	**163**	**666**	**140**	**969**	**123286**	**52594**	**5908**	**225**	**382**	**64**	**756**

Table 2a (continued): Results of analysis pertaining to Establishments (31, in total, which have filled-in apprentice questionnaires)

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
4	1	1	2	0	3	0	0	0	0	0	0	0	5	9	0	14
4	13	0	0	31	31	0	0	0	0	0	0	0	0	0	5	5
4	14	0	0	24	24	0	0	0	0	0	0	0	0	0	3	3
4	16	0	60	0	60	0	19	0	19	0	3542	0	0	0	0	0
4	17	0	0	27	27	0	0	0	0	0	0	0	0	0	2	2
4		**1**	**62**	**82**	**145**	**0**	**19**	**0**	**19**	**0**	**3542**	**0**	**5**	**9**	**10**	**24**
5	5	4	0	0	4	2	0	0	2	11500	0	0	5	0	0	5
5	6	7	2	0	9	7	0	0	7	8424	0	0	0	0	0	0
5		**11**	**2**	**0**	**13**	**9**	**0**	**0**	**9**	**19924**	**0**	**0**	**5**	**0**	**0**	**5**

Table 2a (continued): Results of analysis pertaining to Establishments (31, in total, which have filled-in apprentice questionnaires)

Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
1	1	1	1	1	1	1	0	1	1	1	0
1	2	1	1	1	1	1	0	1	1	1	0
1	3	1	1	1	0	1	0	1	1	1	0
1	4	1	1	1	1	1	0	1	1	0	0
1	8	1	1	1	1	1	0	1	1	1	0
1		**5**	**5**	**5**	**4**	**5**	**0**	**5**	**5**	**4**	**0**
2	1	1	1	1	1	1	0	1	1	1	0
2	2	1	1	1	1	1	0	1	1	1	0
2	3	1	1	1	1	1	0	1	1	0	0
2	4	1	1	0	0	1	0	1	1	0	0
2	7	1	1	1	1	1	0	1	1	0	0
2		**5**	**5**	**4**	**4**	**5**	**0**	**5**	**5**	**2**	**0**
3	2	1	0	1	0	0	0	1	0	0	0
3	3	1	0	1	1	0	0	1	1	1	0
3	4	1	1	0	1	0	0	1	1	0	0
3	5	1	1	1	1	1	0	1	1	1	0
3	6	1	1	1	1	1	1	1	1	1	1
3	6	1	1	1	1	1	0	1	1	1	0

Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
3	6	1	1	1	1	1	0	1	1	1	0
3	7	1	1	0	1	1	0	1	1	0	0
3	9	1	1	1	1	1	1	1	1	1	1
3	10	1	1	0	1	0	0	1	0	0	0
3	11	1	1	0	1	0	0	0	1	0	0
3	12	1	1	0	1	1	0	1	1	1	0
3	14	1	1	0	1	1	0	1	1	0	0
3	18	1	1	1	0	1	0	1	1	0	0
3		**14**	**12**	**8**	**12**	**9**	**2**	**13**	**12**	**7**	**2**

Table 2a (continued): Results of analysis pertaining to Establishments (31, in total, which have filled-in apprentice questionnaires)

Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
4	1	1	1	0	1	0	0	0	1	0	0
4	13	1	1	0	1	0	0	0	1	0	0
4	14	1	1	0	1	0	0	0	1	0	0
4	16	1	1	1	0	0	0	0	1	0	0
4	17	1	1	0	1	0	0	1	0	1	0
4		**5**	**5**	**1**	**4**	**0**	**0**	**1**	**4**	**1**	**0**
5	5	1	1	1	0	0	0	1	1	0	0
5	6	1	1	0	0	0	1	1	1	0	0
5		**2**	**2**	**1**	**0**	**0**	**1**	**2**	**2**	**0**	**0**

Table 2b: Results of analysis pertaining to Establishments (30, in total, which does not have any filled-in apprentice questionnaire)

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
1	5	1000	0	0	1000	700	0	0	700	4984	0	0	1808	0	0	1808
1	6	2000	0	0	2000	1429	0	0	1429	7875	0	0	3219	0	0	3219
1	7	2000	0	0	2000	1100	0	0	1100	10200	0	0	3680	0	0	3680
1		**5000**	**0**	**0**	**5000**	**3229**	**0**	**0**	**3229**	**23059**	**0**	**0**	**8707**	**0**	**0**	**8707**
2	5	150	0	0	150	750	0	0	750	15000	0	0	353	0	0	353
2	6	15	50	0	65	0	0	0	0	0	0	0	70	32	0	102
2		**165**	**50**	**0**	**215**	**750**	**0**	**0**	**750**	**15000**	**0**	**0**	**423**	**32**	**0**	**455**
3	1	20	30	0	50	0	0	0	0	0	0	0	62	26	0	88
3	8	0	0	35	35	0	0	0	0	0	0	0	0	0	0	0
3	13	0	0	24	24	0	0	0	0	0	0	0	0	0	0	0
3	15	0	24	0	24	0	4	0	4	0	3542	0	0	0	0	0
3	16	50	70	0	120	13	0	0	13	20600	0	0	75	147	0	212
3	17	60	60	0	120	25	13	0	38	4984	3542	0	0	0	0	0
3		**130**	**184**	**59**	**373**	**38**	**17**	**0**	**55**	**25584**	**7084**	**0**	**137**	**173**	**0**	**300**
4	2	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0
4	4	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0
4	5	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0
4	6	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
4	7	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0
4	8	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
4	9	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0
4	10	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0
4	11	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0
4	12	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0
4	18	200	300	50	550	257	37	0	294	21500	12000	0	150	113	0	263
4	19	9	10	11	30	7	8	9	24	4984	3542	2758	0	0	0	0
4	20	40	40	0	80	0	0	0	0	0	0	0	70	0	0	70
4		**249**	**370**	**127**	**743**	**264**	**45**	**9**	**318**	**26484**	**15542**	**2758**	**220**	**113**	**0**	**333**

Table 2b (continued): Results of analysis pertaining to Establishments (30, in total, which does not have any filled-in apprentice questionnaire)

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
5	1	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
5	2	0	4	0	4	0	0	0	0	0	0	0	7	0	0	7
5	3	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0
5	4	0	4	0	4	0	0	0	0	0	0	0	0	2	0	2
5	7	1	7	2	10	0	2	0	2	0	3542	0	0	0	0	0
5	8	4	6	0	10	3	0	0	3	4984	0	0	0	0	0	0
5		**6**	**22**	**22**	**50**	**3**	**2**	**0**	**5**	**4984**	**3542**	**0**	**7**	**2**	**0**	**9**

Table 2b (continued): Results of analysis pertaining to Establishments (30, in total, which does not have any filled-in apprentice questionnaire)

Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
1	5	1	1	1	1	1	0	1	1	0	0
1	6	1	1	1	1	1	0	1	1	0	0
1	7	1	1	1	1	0	0	1	1	0	0
1		**3**	**3**	**3**	**3**	**2**	**0**	**3**	**3**	**0**	**0**
2	5	1	1	1	1	0	0	1	1	0	0
2	6	1	1	1	1	0	0	1	1	0	0
2		**2**	**2**	**2**	**2**	**0**	**0**	**2**	**2**	**0**	**0**
3	1	1	1	1	1	1	0	1	1	0	0
3	8	1	1	1	0	1	0	1	1	1	0
3	13	1	1	1	1	1	0	1	1	1	0
3	15	1	0	0	0	1	0	1	1	1	0
3	16	1	1	1	1	0	0	1	1	1	0
3	17	1	1	0	0	0	1	1	1	0	0
3		**6**	**5**	**4**	**3**	**4**	**1**	**6**	**6**	**4**	**0**
4	2	1	1	0	1	1	0	0	1	0	0
4	4	1	1	0	1	1	0	1	1	1	0
4	5	1	1	0	1	0	0	1	1	0	0
4	6	1	1	0	1	1	0	1	1	0	0

Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
4	7	1	1	0	1	1	0	1	1	0	0
4	8	1	1	1	1	1	0	1	1	1	0
4	9	1	1	0	1	1	0	1	1	0	0
4	10	1	1	0	1	1	0	1	1	1	0
4	11	1	1	0	1	1	0	1	1	0	0
4	12	1	1	0	1	1	0	1	1	0	0
4	18	1	1	1	1	1	0	1	1	0	0
4	19	1	1	1	1	1	0	1	1	1	0
4	20	1	1	0	1	0	0	1	1	0	0
4		**13**	**13**	**3**	**13**	**11**	**0**	**12**	**13**	**4**	**0**

Table 2b (continued): Results of analysis pertaining to Establishments (30, in total, which does not have any filled-in apprentice questionnaire)

Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
5	1	1	0	0	0	1	0	0	1	0	0
5	2	1	1	1	1	1	0	1	1	0	0
5	3	1	1	0	1	1	0	1	1	0	0
5	4	1	1	1	0	0	0	1	0	0	0
5	7	1	1	1	1	1	0	1	1	0	0
5	8	1	1	1	1	1	0	1	1	0	0
5		**6**	**5**	**4**	**4**	**5**	**0**	**5**	**5**	**0**	**0**

Table 2c: Results of analysis of data pertaining to all 61 Establishments

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
1	1	165	0	0	165	51	75	0	126	20600	10700	0	349	0	0	349
1	2	80	20	0	100	109	145	0	254	18700	8000	0	301	814	0	1115
1	3	120	250	34	404	54	192	2	248	4984	3542	2758	0	0	0	0
1	4	112	118	6	236	148	57	0	205	4984	3542	0	198	0	0	198
1	5	1000	0	0	1000	700	0	0	700	4984	0	0	1808	0	0	1808
1	6	2000	0	0	2000	1429	0	0	1429	7875	0	0	3219	0	0	3219
1	7	2000	0	0	2000	1100	0	0	1100	10200	0	0	3680	0	0	3680
1	8	110	9	0	110	10	0	0	10	10000	0	0	82	0	0	82
1		**5587**	**397**	**40**	**6015**	**3601**	**469**	**2**	**4072**	**82327**	**25784**	**2758**	**9637**	**814**	**0**	**10451**
2	1	0	140	0	140	0	121	0	121	0	3542	0	0	0	0	0
2	2	37	63	0	100	29	48	0	77	4984	3542	0	0	0	0	0
2	3	0	0	0	0	10	0	0	10	17000	0	0	70	30	0	100
2	4	80	80	6	86	39	48	0	87	54384	3542	0	119	0	0	119
2	5	150	0	0	150	750	0	0	750	15000	0	0	353	0	0	353
2	6	15	50	0	65	0	0	0	0	0	0	0	70	32	0	102
2	7	10	40	0	50	35	34	0	69	15000	11000	0	41	227	0	268
2		**292**	**373**	**6**	**591**	**863**	**251**	**0**	**1114**	**106368**	**21626**	**0**	**653**	**289**	**0**	**942**
3	1	20	30	0	50	0	0	0	0	0	0	0	62	26	0	88
3	2	0	45	4	49	0	80	0	80	0	3542	0	0	0	0	0
3	3	7	71	0	78	30	41	97	168	25000	3800	3150	0	30	0	30

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
3	4	10	20	0	30	0	30	0	30	0	3542	0	78	26	0	104
3	5	0	120	0	120	0	154	0	154	0	3542	0	0	0	0	0
3	6	10	20	0	30	16	20	0	36	41667	12000	0	31	103	0	134
3	6	40	100	0	140	39	12	0	51	41667	12000	0	69	179	0	248
3	6	40	50	0	90	0	0	0	0	0	0	0	46	40	0	86
3	7	0	0	0	0	2	0	0	2	4984	0	0	1	0	0	1
3	8	0	0	35	35	0	0	0	0	0	0	0	0	0	0	0
3	9	30	324	8	362	0	8	0	8	0	3542	0	0	4	0	4
3	10	0	0	0	29	0	0	0	0	0	0	0	0	0	0	85
3	11	4	200	0	204	4	196	0	200	4984	3542	0	0	0	0	0

Table 2c (continued): Results of analysis of data pertaining to all 61 Establishments

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
3	12	80	152	18	250	72	115	0	187	4984	3542	0	0	0	0	0
3	13	0	0	24	24	0	0	0	0	0	0	0	0	0	0	0
3	14	0	324	0	324	0	10	0	10	0	3542	0	0	0	0	0
3	15	0	24	0	24	0	4	0	4	0	3542	0	0	0	0	0
3	16	50	70	0	120	13	0	0	13	20600	0	0	75	147	0	212
3	17	60	60	0	120	25	13	0	38	4984	3542	0	0	0	0	0
3	18	0	0	29	29	0	0	43	43	0	0	2758	0	0	64	64
3		**351**	**1610**	**118**	**2108**	**201**	**683**	**140**	**1024**	**148870**	**59678**	**5908**	**362**	**555**	**64**	**1056**
4	1	1	2	0	3	0	0	0	0	0	0	0	5	9	0	14
4	2	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0
4	4	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0
4	5	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0
4	6	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0
4	7	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0
4	8	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
4	9	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0
4	10	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0
4	11	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0
4	12	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0
4	13	0	0	31	31	0	0	0	0	0	0	0	0	0	5	5
4	14	0	0	24	24	0	0	0	0	0	0	0	0	0	3	3

4	16	0	60	0	60	0	19	0	19	0	3542	0	0	0	0	0
4	17	0	0	27	27	0	0	0	0	0	0	0	0	0	2	2
4	18	200	300	50	550	257	37	0	294	21500	12000	0	150	113	0	263
4	19	9	10	11	30	7	8	9	24	4984	3542	2758	0	0	0	0
4	20	40	40	0	80	0	0	0	0	0	0	0	70	0	0	70
4		**250**	**432**	**209**	**888**	**264**	**64**	**9**	**337**	**26484**	**19084**	**2758**	**225**	**122**	**10**	**357**

Table 2c (continued): Results of analysis of data pertaining to all 61 Establishments

Stratum	Estb	Notified No. of Seats for Apprenticeship Training				No. of Apprentices presently undergoing Apprenticeship Training				Amount of Stipend in Rs./month (as per last month)			No. of Ex-Apprentices			
		Grad	Tech	Voc	Total	Grad	Tech	Voc	Total	Grad	Tech	Voc	Grad	Tech	Voc	Total
5	1	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0
5	2	0	4	0	4	0	0	0	0	0	0	0	7	0	0	7
5	3	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0
5	4	0	4	0	4	0	0	0	0	0	0	0	0	2	0	2
5	5	4	0	0	4	2	0	0	2	11500	0	0	5	0	0	5
5	6	7	2	0	9	7	0	0	7	8424	0	0	0	0	0	0
5	7	1	7	2	10	0	2	0	2	0	3542	1	0	0	0	0
5	8	4	6	0	10	3	0	0	3	4984	0	0	0	0	0	0
5		**17**	**24**	**22**	**63**	**12**	**2**	**0**	**14**	**24908**	**3542**	**1**	**12**	**2**	**0**	**14**

Table 2c (continued): Results of analysis of data pertaining to all 61 Establishments

Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
1	1	1	1	1	1	1	0	1	1	1	0
1	2	1	1	1	1	1	0	1	1	1	0
1	3	1	1	1	0	1	0	1	1	1	0
1	4	1	1	1	1	1	0	1	1	0	0
1	5	1	1	1	1	1	0	1	1	0	0
1	6	1	1	1	1	1	0	1	1	0	0
1	7	1	1	1	1	0	0	1	1	0	0
1	8	1	1	1	1	1	0	1	1	1	0
1		**8**	**8**	**8**	**7**	**7**	**0**	**8**	**8**	**4**	**0**
2	1	1	1	1	1	1	0	1	1	1	0
2	2	1	1	1	1	1	0	1	1	1	0
2	3	1	1	1	1	1	0	1	1	0	0
2	4	1	1	0	0	1	0	1	1	0	0
2	5	1	1	1	1	0	0	1	1	0	0
2	6	1	1	1	1	0	0	1	1	0	0
2	7	1	1	1	1	1	0	1	1	0	0
2		**7**	**7**	**6**	**6**	**5**	**0**	**7**	**7**	**2**	**0**
3	1	1	1	1	1	1	0	1	1	0	0

Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
3	2	1	0	1	0	0	0	1	0	0	0
3	3	1	0	1	1	0	0	1	1	1	0
3	4	1	1	0	1	0	0	1	1	0	0
3	5	1	1	1	1	1	0	1	1	1	0
3	6	1	1	1	1	1	1	1	1	1	1
3	6	1	1	1	1	1	0	1	1	1	0
3	6	1	1	1	1	1	0	1	1	1	0
3	7	1	1	0	1	1	0	1	1	0	0
3	8	1	1	1	0	1	0	1	1	1	0
3	9	1	1	1	1	1	1	1	1	1	1
3	10	1	1	0	1	0	0	1	0	0	0
3	11	1	1	0	1	0	0	0	1	0	0

Table 2c (continued): Results of analysis of data pertaining to all 61 Establishments

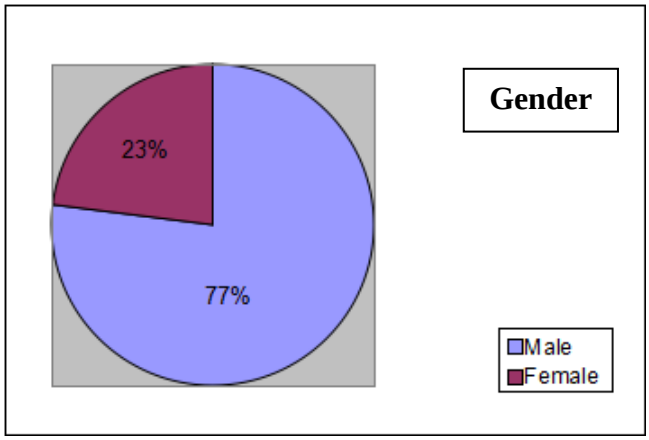
Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
3	12	1	1	0	1	1	0	1	1	1	0
3	13	1	1	1	1	1	0	1	1	1	0
3	14	1	1	0	1	1	0	1	1	0	0
3	15	1	0	0	0	1	0	1	1	1	0
3	16	1	1	1	1	0	0	1	1	1	0
3	17	1	1	0	0	0	1	1	1	0	0
3	18	1	1	1	0	1	0	1	1	0	0
3		**20**	**17**	**12**	**15**	**13**	**3**	**19**	**18**	**11**	**2**
4	1	1	1	0	1	0	0	0	1	0	0
4	2	1	1	0	1	1	0	0	1	0	0
4	4	1	1	0	1	1	0	1	1	1	0
4	5	1	1	0	1	0	0	1	1	0	0
4	6	1	1	0	1	1	0	1	1	0	0
4	7	1	1	0	1	1	0	1	1	0	0
4	8	1	1	1	1	1	0	1	1	1	0
4	9	1	1	0	1	1	0	1	1	0	0
4	10	1	1	0	1	1	0	1	1	1	0
4	11	1	1	0	1	1	0	1	1	0	0
4	12	1	1	0	1	1	0	1	1	0	0

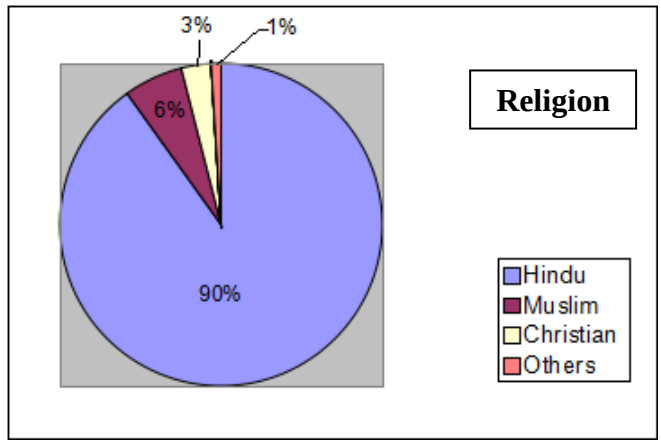
Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
4	13	1	1	0	1	0	0	0	1	0	0
4	14	1	1	0	1	0	0	0	1	0	0
4	16	1	1	1	0	0	0	0	1	0	0
4	17	1	1	0	1	0	0	1	0	1	0
4	18	1	1	1	1	1	0	1	1	0	0
4	19	1	1	1	1	1	0	1	1	1	0
4	20	1	1	0	1	0	0	1	1	0	0
4		**18**	**18**	**4**	**17**	**11**	**0**	**13**	**17**	**5**	**0**

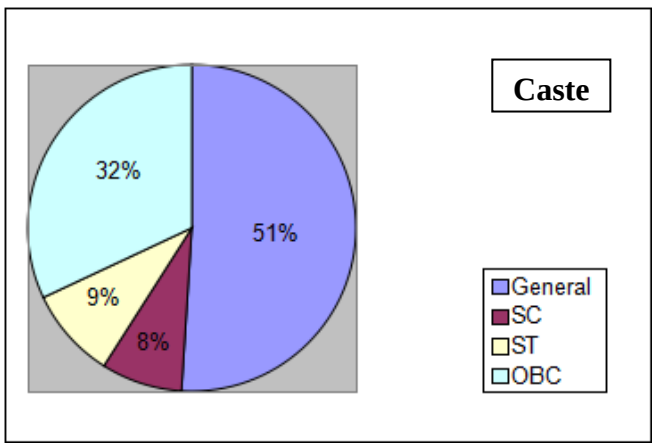
Table 2c (continued): Results of analysis of data pertaining to all 61 Establishments

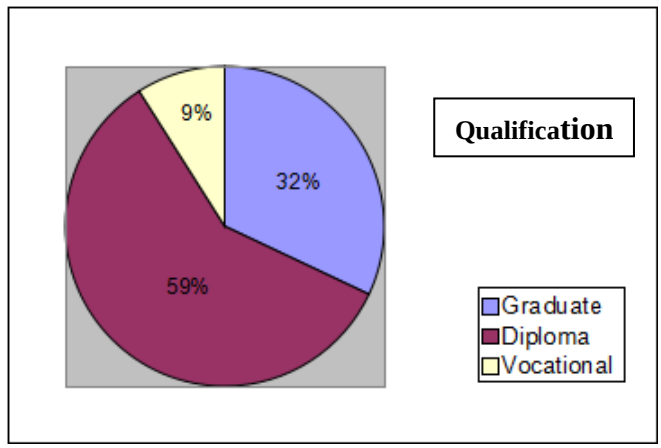
Stratum	Estb	Beneficial? (Yes:1, No:2, No Response:0)		Why beneficial to Establishment				Why beneficial to Apprentices			
		to Apprentices	to Establishment	Helps Recruitment after Training	Getting Trained Manpower	Financial Support from GOI	Others	Enhances Employability	Enhances Skill	Encourages to be Entrepreneur	Others
5	1	1	0	0	0	1	0	0	1	0	0
5	2	1	1	1	1	1	0	1	1	0	0
5	3	1	1	0	1	1	0	1	1	0	0
5	4	1	1	1	0	0	0	1	0	0	0
5	5	1	1	1	0	0	0	1	1	0	0
5	6	1	1	0	0	0	1	1	1	0	0
5	7	1	1	1	1	1	0	1	1	0	0
5	8	1	1	1	1	1	0	1	1	0	0
5		**8**	**7**	**5**	**4**	**5**	**1**	**7**	**7**	**0**	**0**

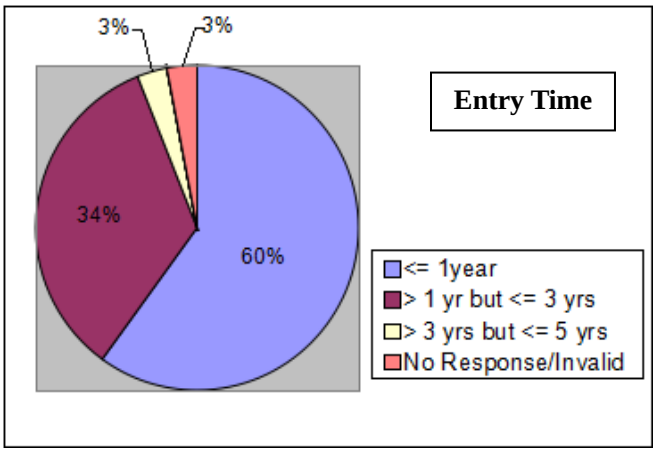
Pie-charts corresponding to Ex Apprentice items

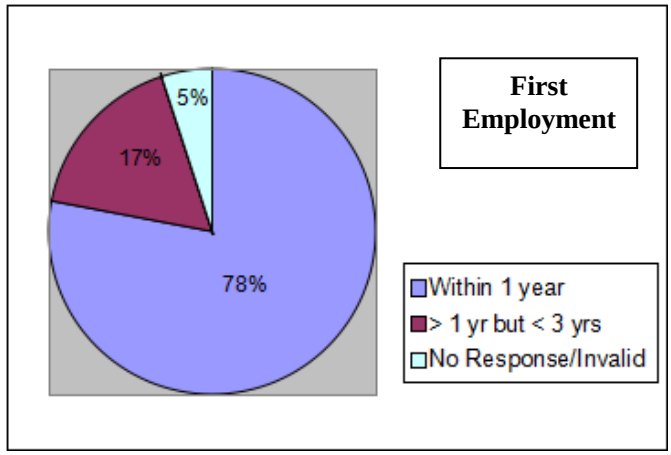




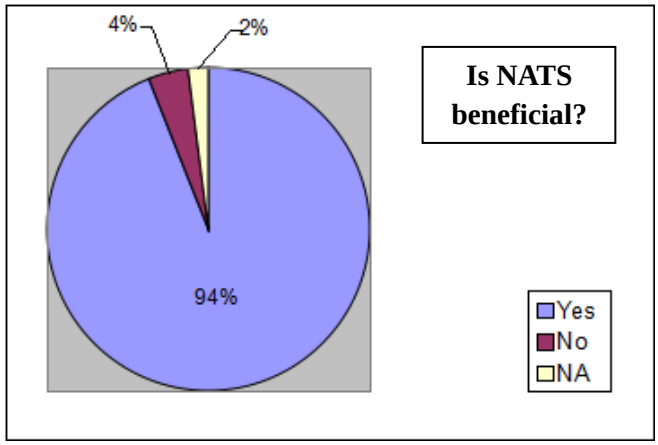


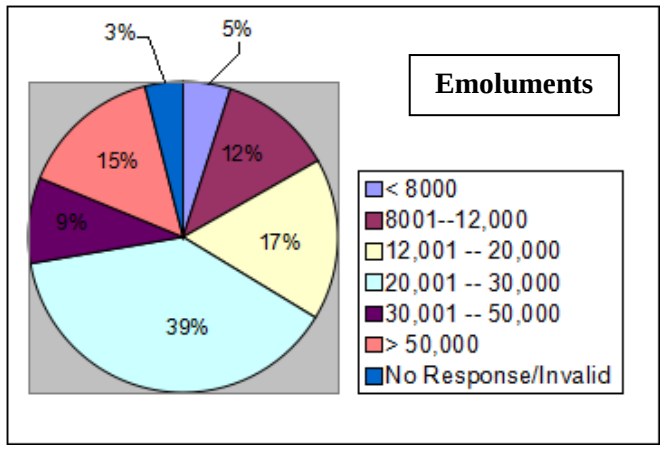


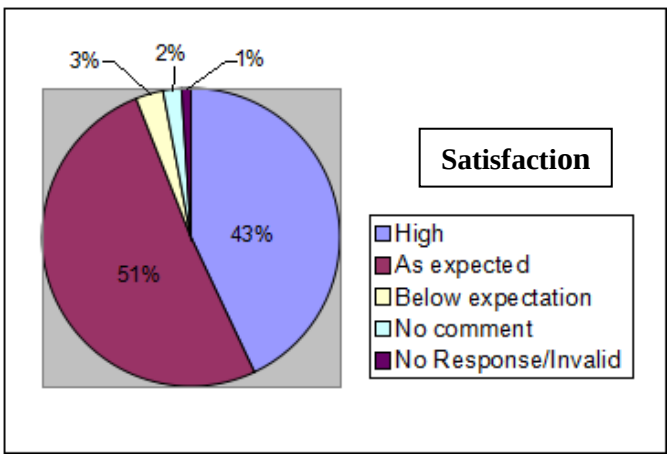

Entry Time
3%
3%
34%
60%
<= 1year
> 1 yr but <= 3 yrs
> 3 yrs but <= 5 yrs
No Response/Invalid


First Employment
5%
17%
78%
Within 1 year
> 1 yr but < 3 yrs
No Response/Invalid

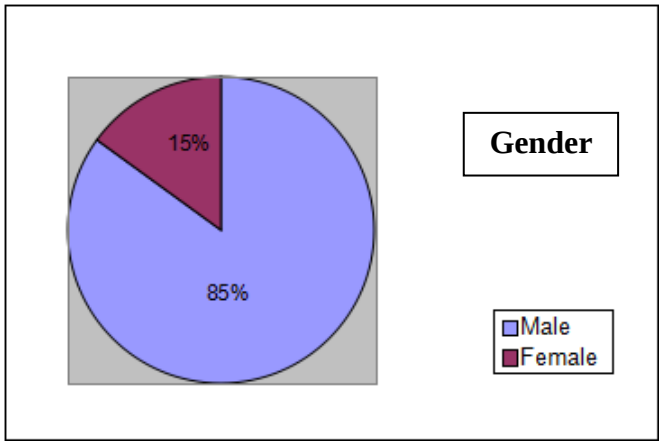
Pie-charts corresponding to Ex Apprentice items (continued)

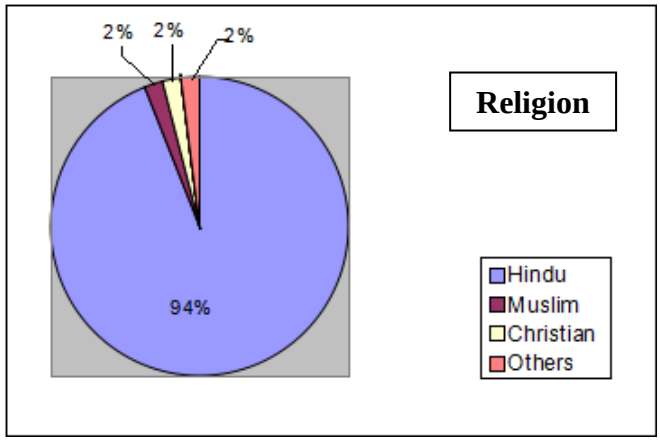


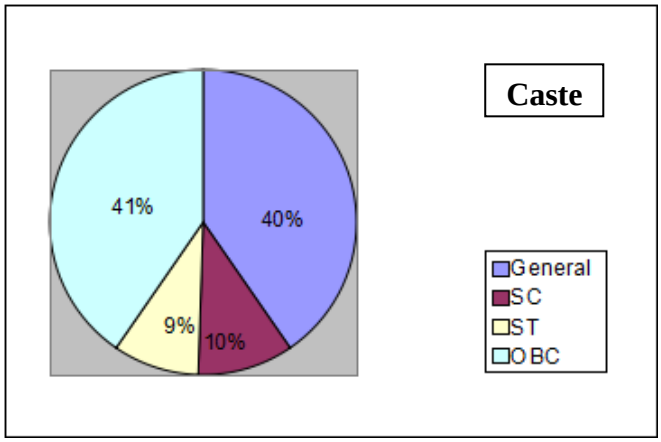


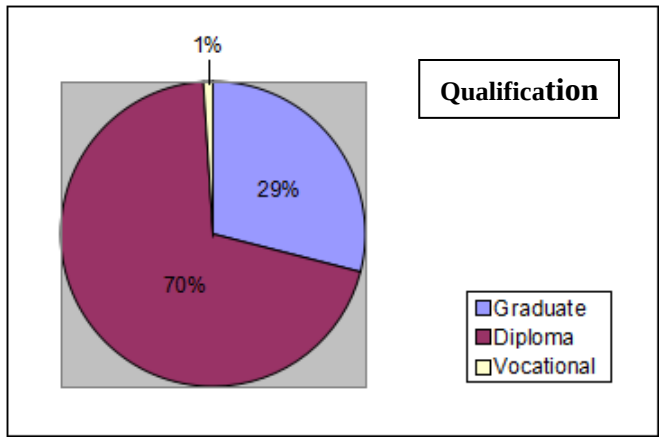


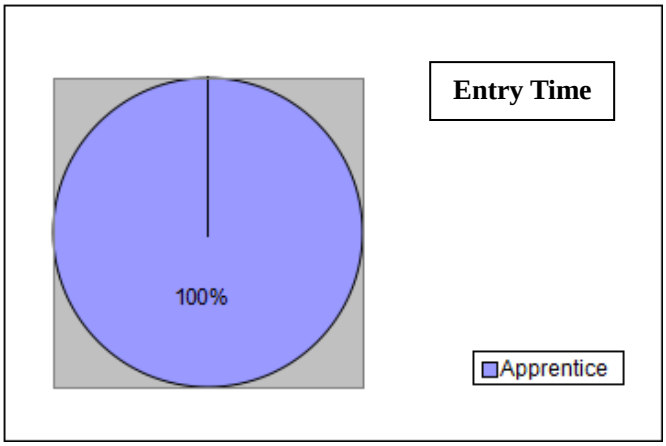
Pie-charts corresponding to Current Apprentice items

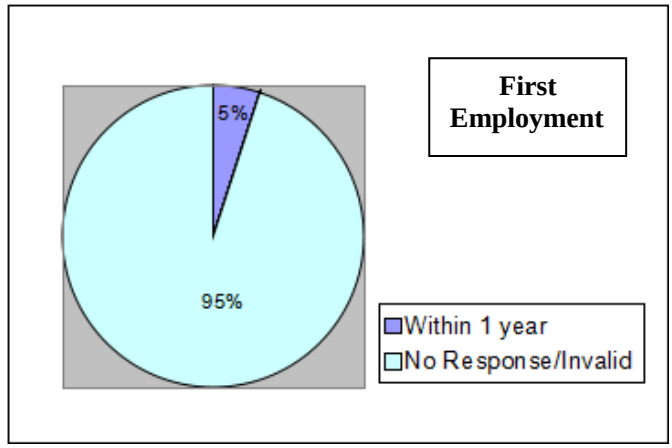









Entry Time
100%
Apprentice


First Employment
5%
95%
Within 1 year
No Response/Invalid

Pie-charts corresponding to Current Apprentice items (continued)